

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078170.D
 Acq On : 1 Apr 2015 23:52
 Operator : TP/IZ
 Sample : PB82441BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:11 PM

Quant Time: Apr 02 13:54:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	41175	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	168069	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	86373	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	160013	20.00	ng	0.00
75) Chrysene-d12	15.87	240	167896	20.00	ng	0.00
86) Perylene-d12	17.60	264	162277	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	286549	114.74	ng	0.00
7) Phenol-d6	6.60	99	356470	113.90	ng	0.00
23) Nitrobenzene-d5	7.72	82	204834	73.87	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	92405	129.00	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	444596	73.58	ng	0.01
78) Terphenyl-d14	14.59	244	530887	71.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	35129	31.11	ng	96
3) Pyridine	2.51	79	98720	33.37	ng	99
4) n-Nitrosodimethylamine	2.45	42	40929m	35.95	ng	
6) Aniline	6.60	93	87020	19.61	ng	# 85
8) 2-Chlorophenol	6.75	128	115389	39.08	ng	99
10) Phenol	6.62	94	144353	38.49	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	106106	39.35	ng	99
12) 1,3-Dichlorobenzene	6.93	146	118395	36.50	ng	99
13) 1,4-Dichlorobenzene	7.04	146	121904	37.34	ng	98
14) 1,2-Dichlorobenzene	7.22	146	117617	38.42	ng	99
15) Benzyl Alcohol	7.21	79	86949	39.53	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	143042	39.76	ng	99
17) 2-Methylphenol	7.37	107	91544	39.93	ng	97
18) Hexachloroethane	7.64	117	42324	38.44	ng	96
19) n-Nitroso-di-n-propylamine	7.55	70	78407	37.97	ng	97
20) 3+4-Methylphenols	7.56	107	123100	40.25	ng	99
22) Acetophenone	7.54	105	154913	39.56	ng	99
24) Nitrobenzene	7.74	77	111194	38.36	ng	100
25) Isophorone	8.04	82	210295	39.96	ng	98
26) 2-Nitrophenol	8.13	139	56635	41.00	ng	96
27) 2,4-Dimethylphenol	8.21	122	103141	40.15	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	136369	40.41	ng	98
29) 2,4-Dichlorophenol	8.44	162	94599	40.48	ng	99
30) 1,2,4-Trichlorobenzene	8.53	180	98383	36.72	ng	97
31) Naphthalene	8.62	128	334625	38.25	ng	99
32) Benzoic acid	8.34	122	43381	37.37	ng	93
33) 4-Chloroaniline	8.70	127	73203	20.17	ng	98
34) Hexachlorobutadiene	8.78	225	55236	37.55	ng	99
35) Caprolactam	9.13	113	28221	40.46	ng	98
36) 4-Chloro-3-methylphenol	9.32	107	97947	41.54	ng	97
37) 2-Methylnaphthalene	9.48	142	236547	39.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	100943	37.72	ng	99
40) Hexachlorocyclopentadiene	9.68	237	97434	84.18	ng	95
42) 2,4,6-Trichlorophenol	9.84	196	67363	39.91	ng	99

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Manual Integrations
 APPROVED

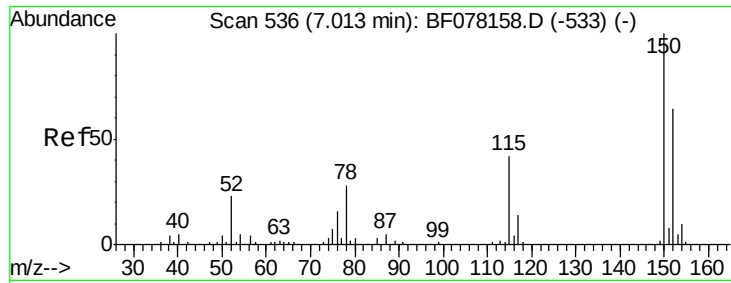
apatel
 4/2/2015 5:51:11 PM

Quant Time: Apr 02 13:54:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.89	196	70060	39.73	nq	# 84
45) 1,1'-Biphenyl	10.06	154	274652	38.88	nq	99
46) 2-Chloronaphthalene	10.08	162	211459	38.04	nq	98
47) 2-Nitroaniline	10.21	65	55926	40.66	nq	98
48) Acenaphthylene	10.59	152	340794	37.97	nq	100
49) Dimethylphthalate	10.46	163	251330	38.73	nq	# 97
50) 2,6-Dinitrotoluene	10.53	165	55079	41.26	nq	91
51) Acenaphthene	10.80	154	198476	39.27	nq	99
52) 3-Nitroaniline	10.73	138	41824	27.55	nq	99
53) 2,4-Dinitrophenol	10.86	184	41281	79.67	nq	99
54) Dibenzofuran	11.01	168	310538	40.23	nq	99
55) 4-Nitrophenol	10.97	139	86721	77.67	nq	89
56) 2,4-Dinitrotoluene	11.02	165	76042	43.98	nq	93
57) Fluorene	11.44	166	254067	40.61	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.17	232	54101	41.39	nq	99
59) Diethylphthalate	11.33	149	245660	39.26	nq	99
60) 4-Chlorophenyl-phenylether	11.46	204	115603	40.16	nq	97
61) 4-Nitroaniline	11.48	138	56475	36.80	nq	97
62) Azobenzene	11.65	77	234825	41.12	nq	83
64) 4,6-Dinitro-2-methylphenol	11.53	198	29621	39.20	nq	# 49
65) n-Nitrosodiphenylamine	11.61	169	219603	39.68	nq	98
66) 4-Bromophenyl-phenylether	12.05	248	66587	39.29	nq	96
67) Hexachlorobenzene	12.11	284	73384	39.52	nq	100
68) Atrazine	12.28	200	66975	41.78	nq	97
69) Pentachlorophenol	12.36	266	66446	80.62	nq	99
70) Phenanthrene	12.63	178	370164	39.99	nq	100
71) Anthracene	12.68	178	362929	39.79	nq	99
72) Carbazole	12.90	167	353415	41.35	nq	99
73) Di-n-butylphthalate	13.36	149	399719	41.28	nq	99
74) Fluoranthene	14.09	202	396261	40.60	nq	98
76) Benzidine	14.28	184	191656	29.65	nq	99
77) Pyrene	14.37	202	425828	40.40	nq	99
79) Butylbenzylphthalate	15.21	149	175873	43.78	nq	99
80) Benzo(a)anthracene	15.86	228	390551	39.10	nq	98
81) 3,3'-Dichlorobenzidine	15.85	252	86200	25.76	nq	99
82) Chrysene	15.91	228	360785	38.44	nq	99
83) Bis(2-ethylhexyl)phthalate	15.94	149	256974	40.79	nq	99
84) Di-n-octyl phthalate	16.73	149	452645	43.75	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.91	276	414889	38.96	nq	# 86
87) Benzo(b)fluoranthene	17.15	252	363847	36.28	nq	# 98
88) Benzo(k)fluoranthene	17.19	252	385231m	43.22	nq	
89) Benzo(a)pyrene	17.53	252	358845	41.00	nq	# 95
90) Dibenzo(a,h)anthracene	18.93	278	336886	38.44	nq	# 96
91) Benzo(q,h,i)perylene	19.30	276	339900	38.69	nq	95

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



#1

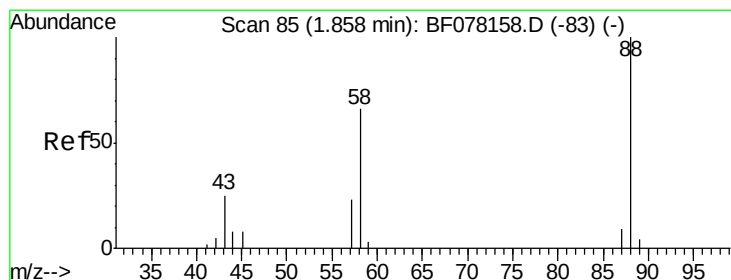
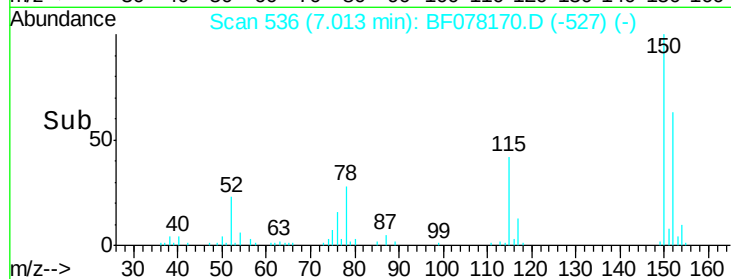
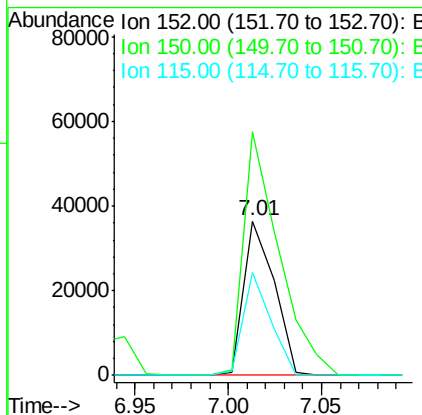
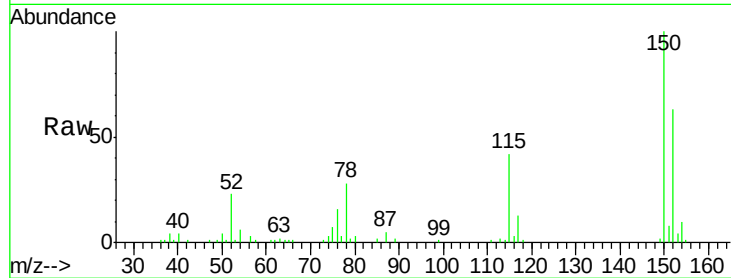
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.9	188.9
115	66.9	52.7	79.1

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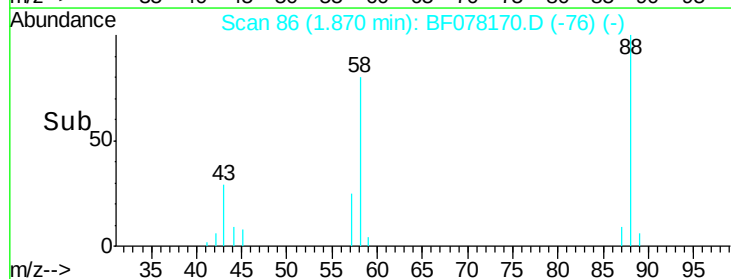
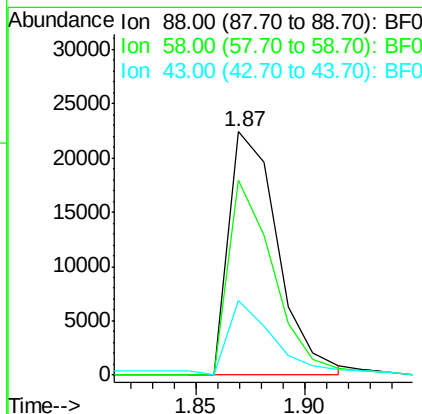
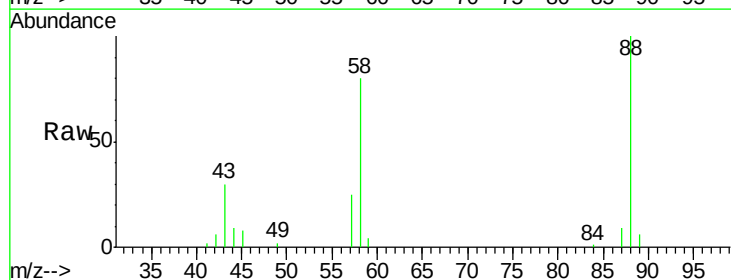
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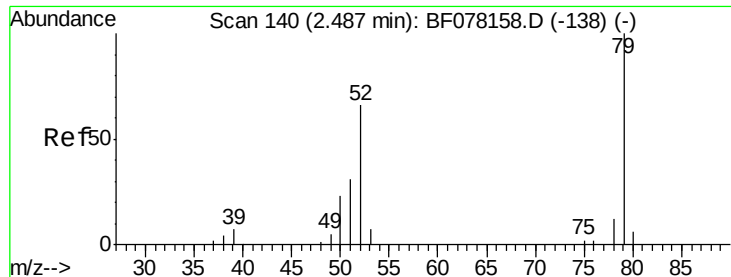


#2

1,4-Dioxane
Concen: 31.11 ng
RT: 1.87 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	56.9	85.3
43	24.0	21.4	32.2





#3

Pvridine

Concen: 33.37 ng

RT: 2.51 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

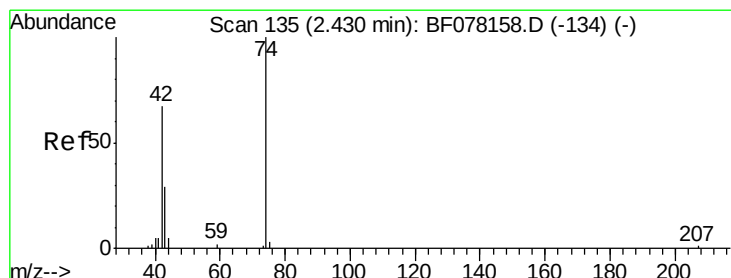
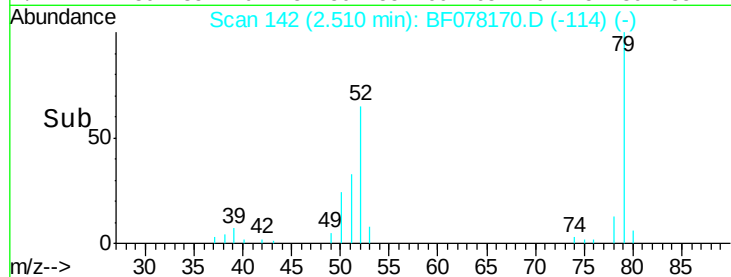
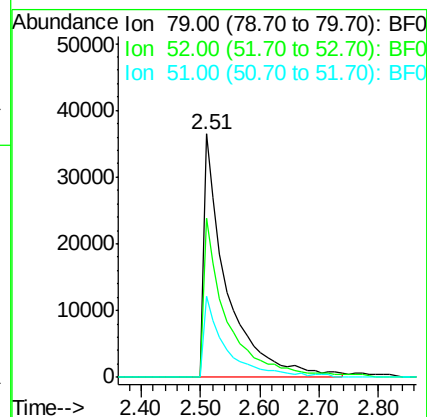
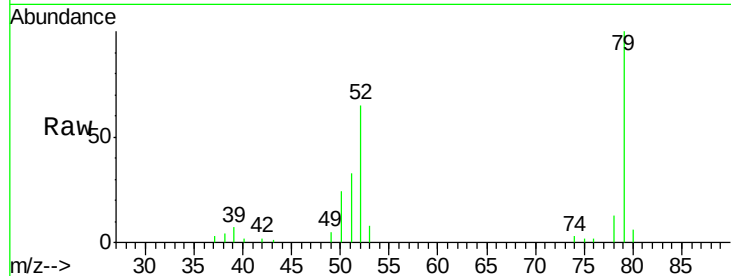
ClientSampleId :

PB82441BSD

Tot Ion:	79	Resp:	98720
Ion Ratio	Lower	Upper	
79	100		
52	65.5	52.4	78.6
51	33.4	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 35.95 ng m

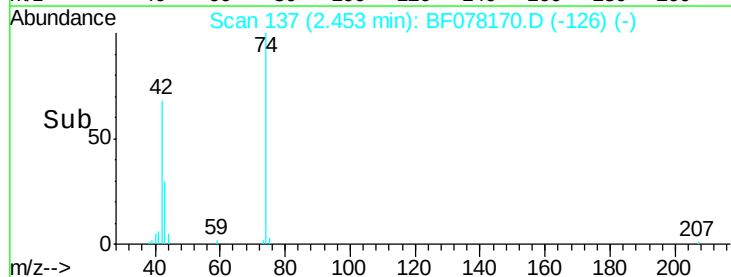
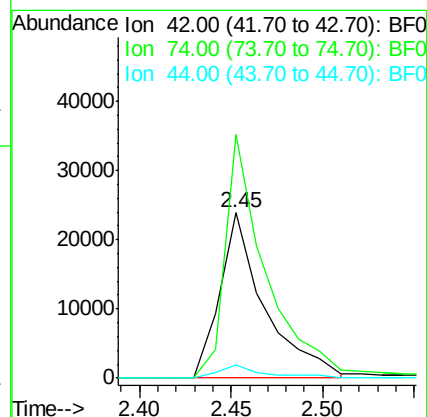
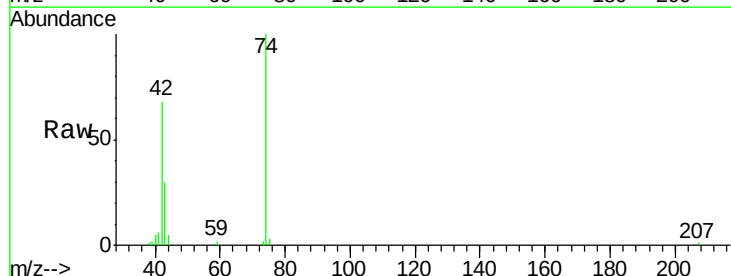
RT: 2.45 min Scan# 137

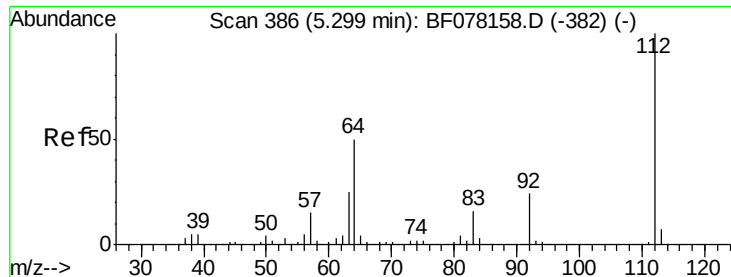
Delta R.T. 0.02 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion:	42	Resp:	40929
Ion Ratio	Lower	Upper	
42	100		
74	147.3	118.7	178.1
44	7.8	5.9	8.9





#5

2-Fluorophenol

Concen: 114.74 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

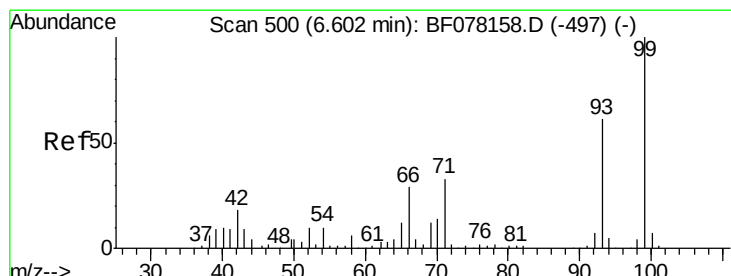
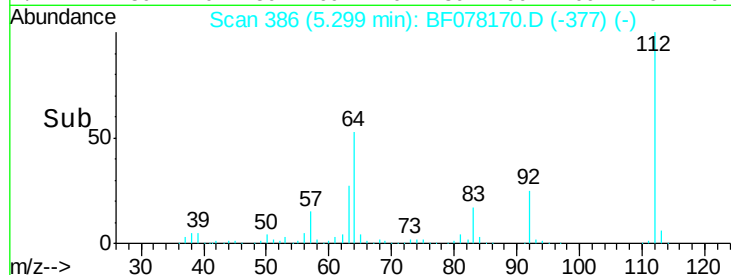
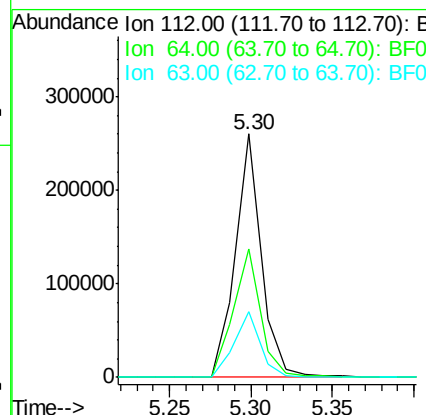
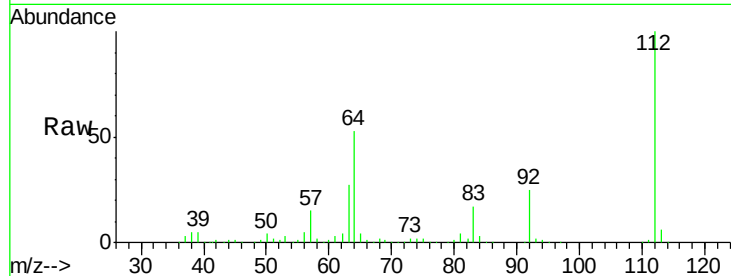
ClientSampleId :

PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	286549		
64	53.0		39.9	59.9
63	27.1		20.2	30.4

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4/2/2015 5:51:11 PM



#6

Aniline

Concen: 19.61 ng

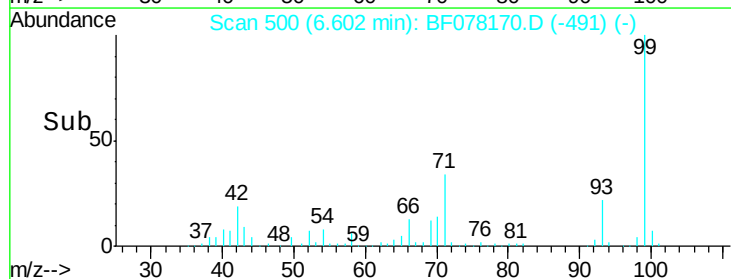
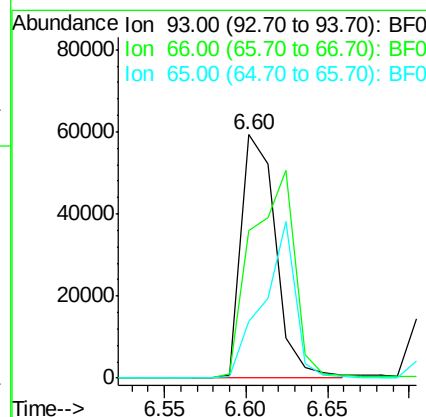
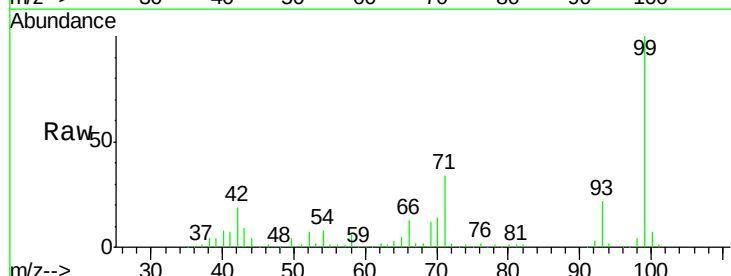
RT: 6.60 min Scan# 500

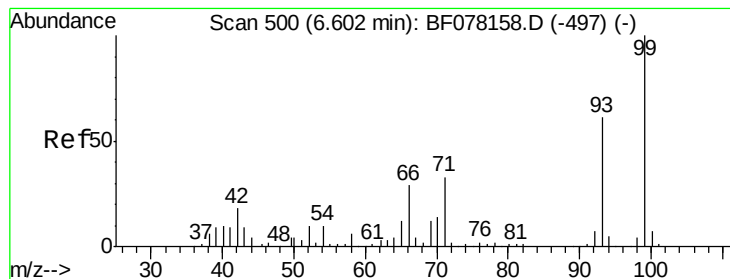
Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87020		
66	60.7		38.0	57.0#
65	23.2		16.3	24.5





#7

Phenol-d6

Concen: 113.90 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

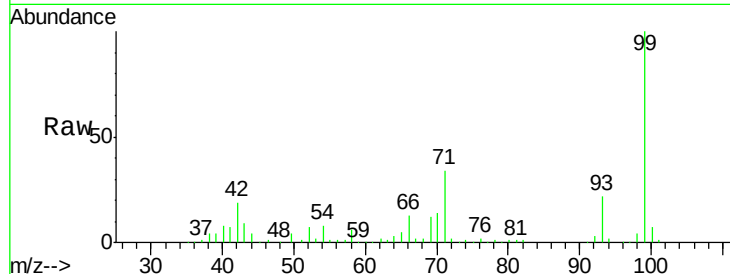
ClientSampleId :

PB82441BSD

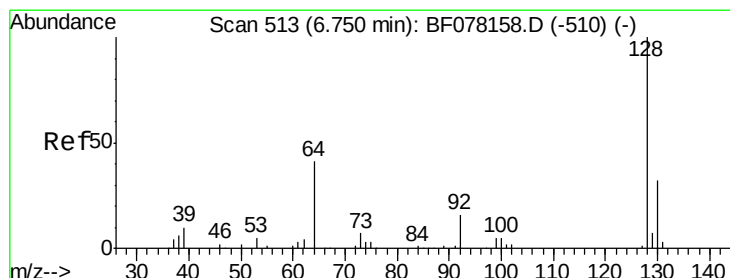
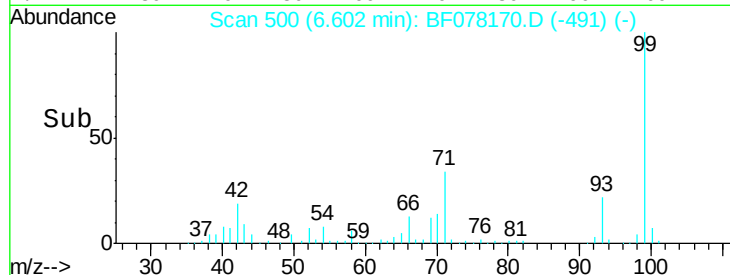
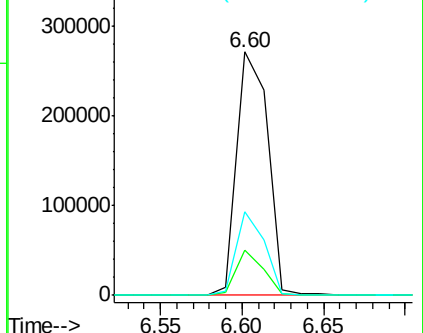
Tot Ion:	99	Resp:	356470
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.8	22.2
71	34.5	26.6	39.8

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.08 ng

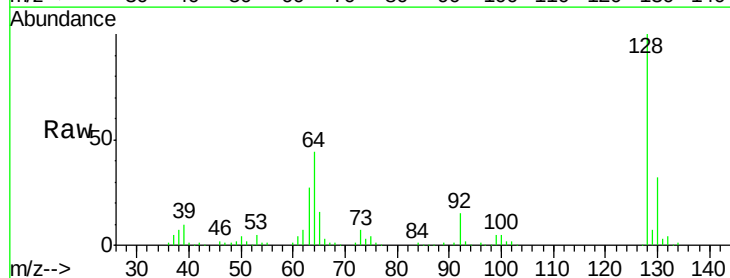
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

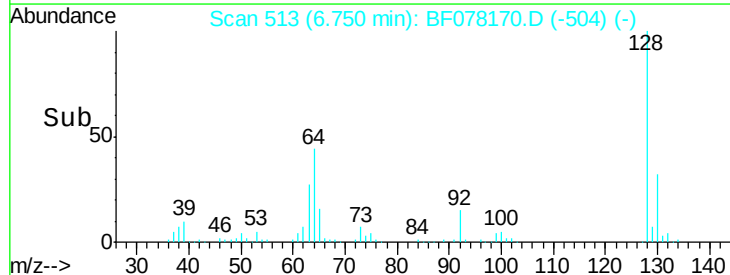
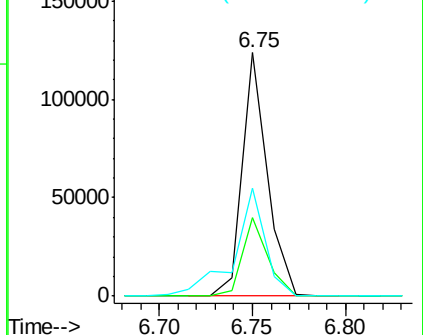
Lab File: BF078170.D

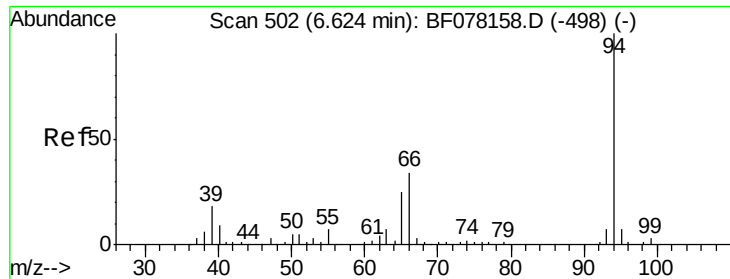
Acq: 1 Apr 2015 23:52

Tgt Ion:	128	Resp:	115389
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.3	52.3
64	44.3	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





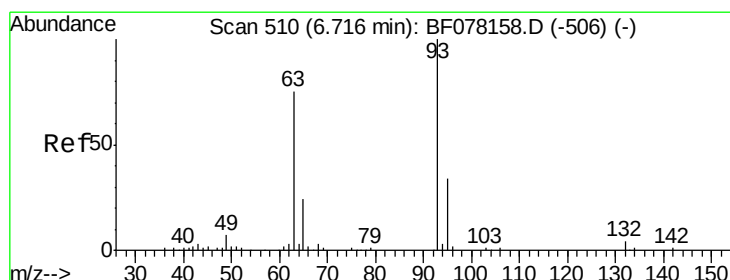
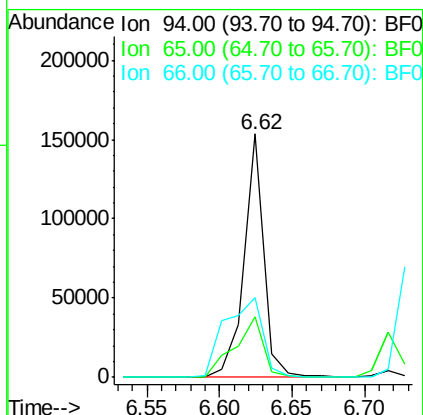
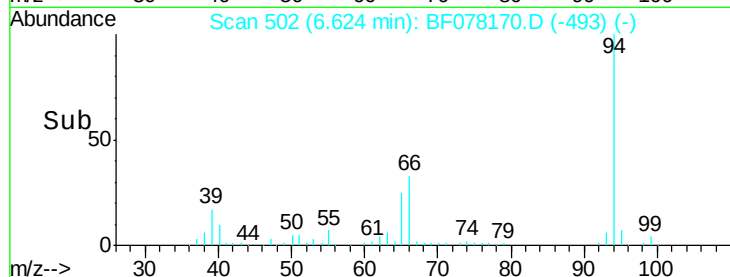
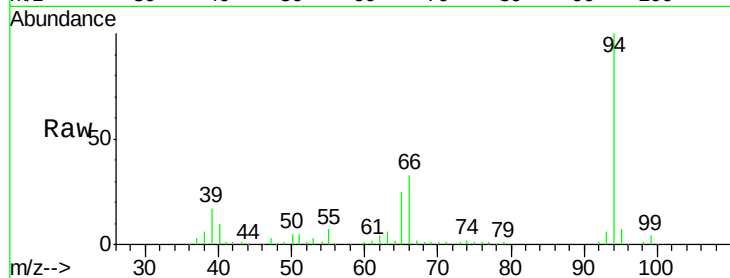
#10
Phenol
Concen: 38.49 ng
RT: 6.62 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion:	94	Resp:	144353
Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.9	44.9
66	32.9	13.8	53.8

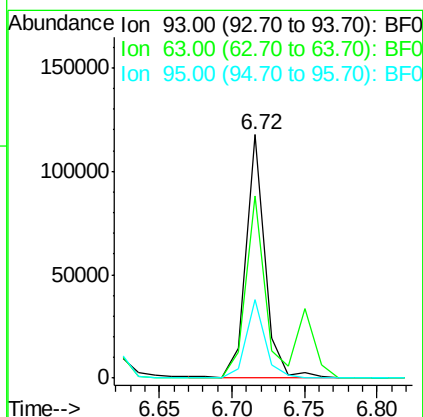
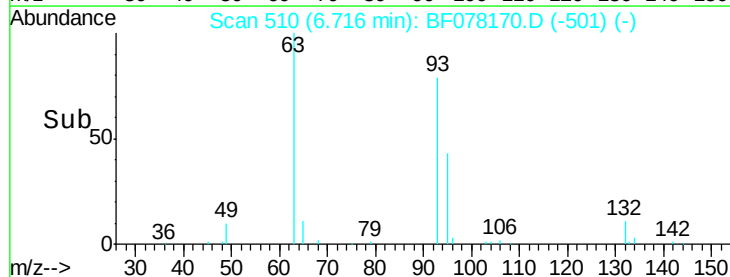
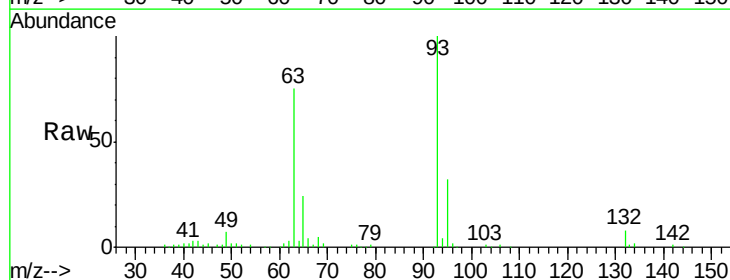
Manual Integrations
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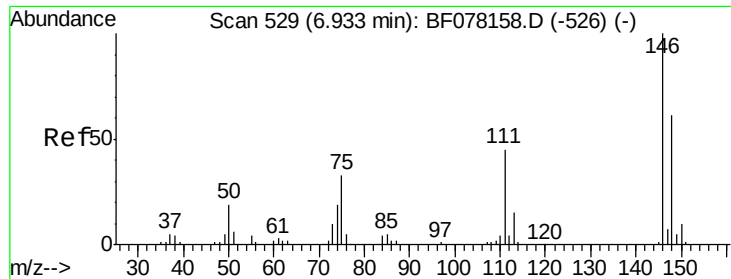
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#11
bis(2-Chloroethyl)ether
Concen: 39.35 ng
RT: 6.72 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion:	93	Resp:	106106
Ion	Ratio	Lower	Upper
93	100		
63	74.7	54.6	94.6
95	32.2	13.6	53.6





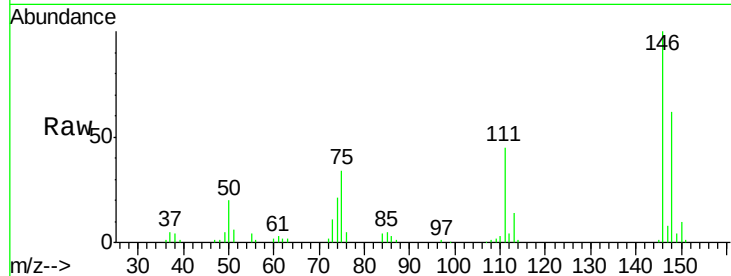
#12
 1,3-Dichlorobenzene
 Concen: 36.50 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

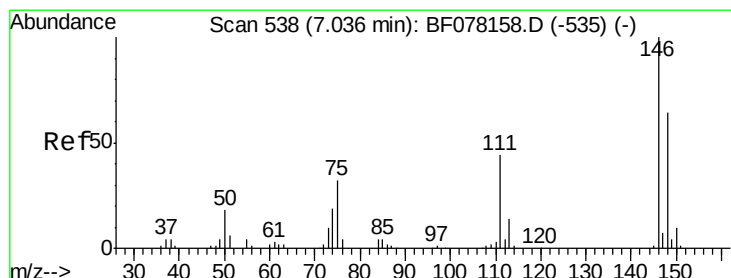
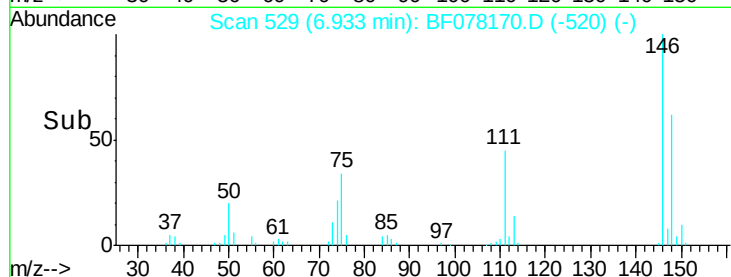
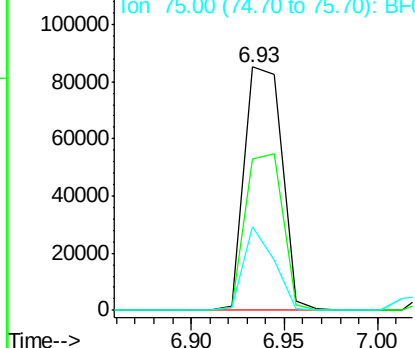
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.1	73.7
75	34.2	26.6	40.0

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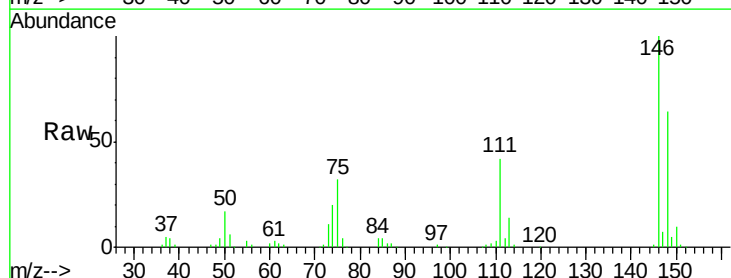


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

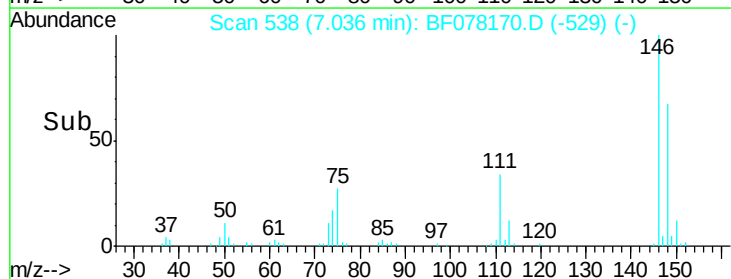
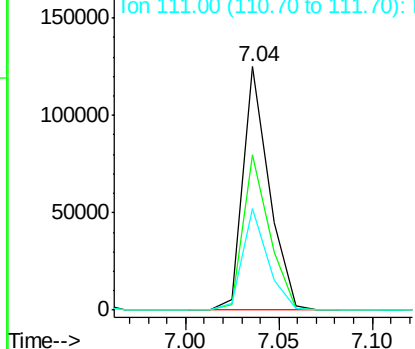


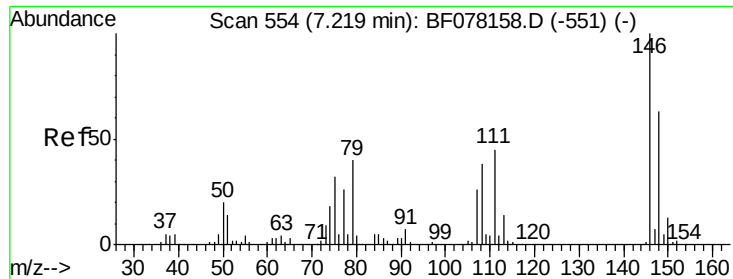
#13
 1,4-Dichlorobenzene
 Concen: 37.34 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	41.9	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: 38.42 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

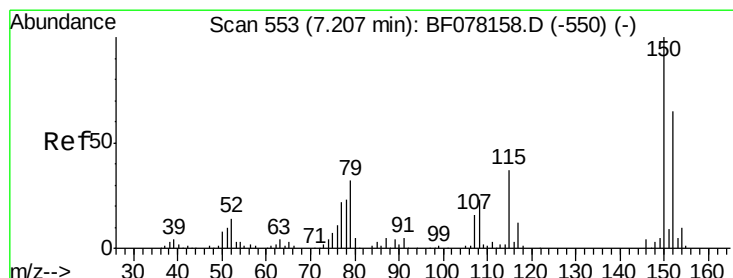
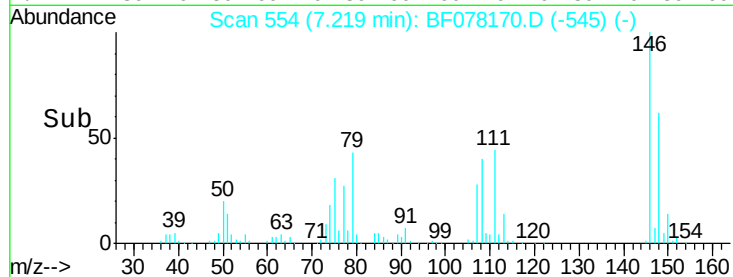
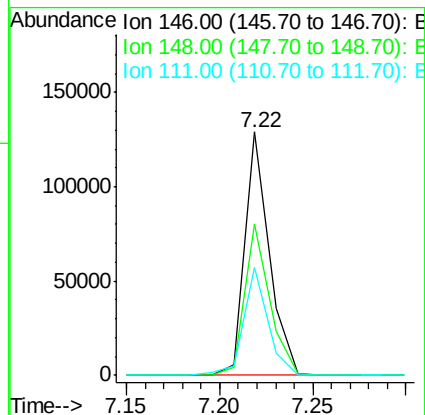
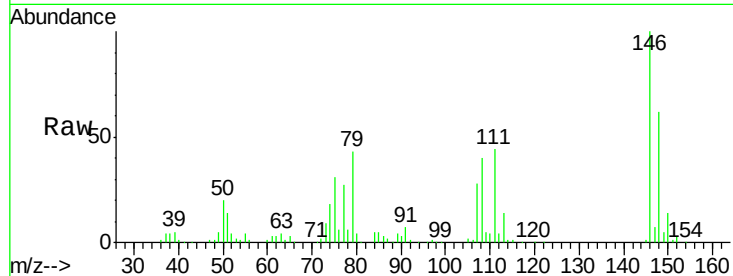
ClientSampleId :

PB82441BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.2	75.4
111	44.3	36.1	54.1

Manual Integrations
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#15

Benzyl Alcohol

Concen: 39.53 ng

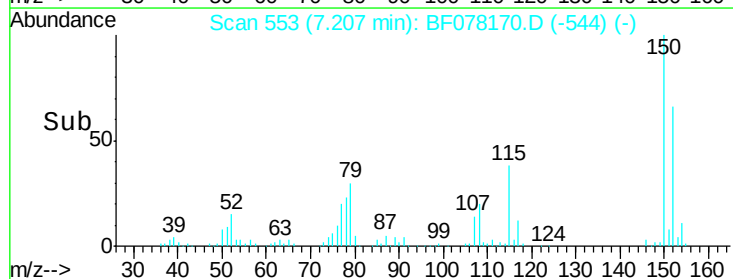
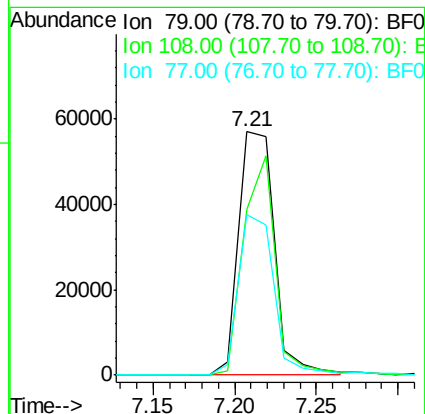
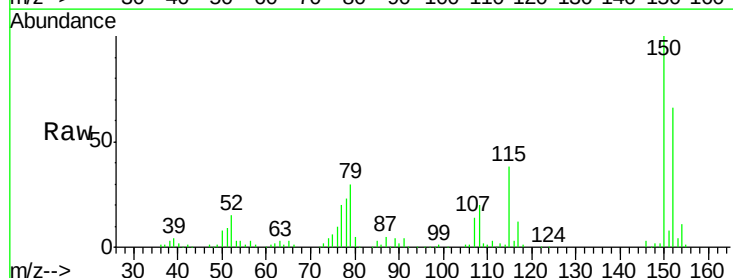
RT: 7.21 min Scan# 553

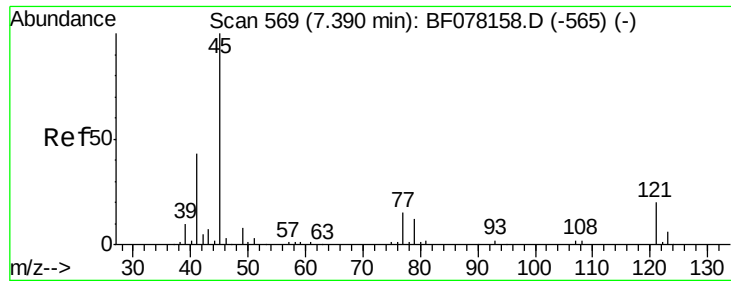
Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.0	57.6	86.4
77	66.1	53.5	80.3





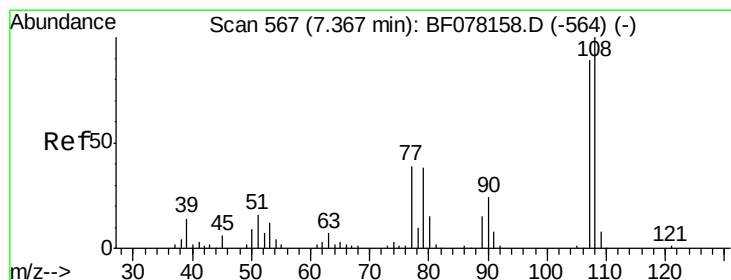
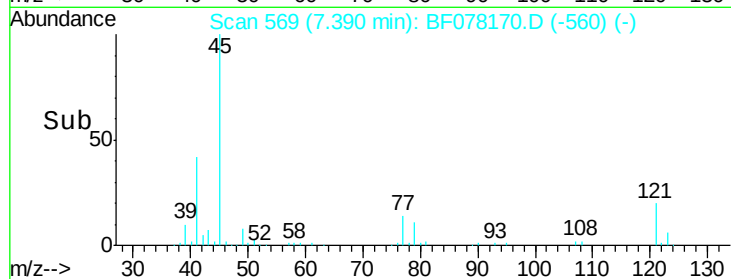
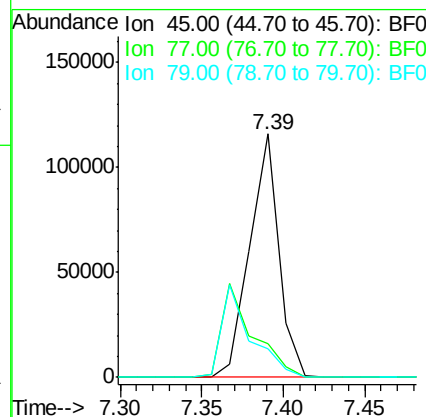
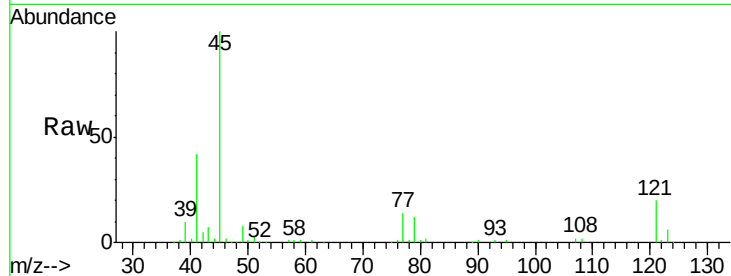
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.76 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion:	45	Resp:	143042
Ion Ratio		Lower	Upper
45	100		
77	14.1	0.0	34.5
79	11.6	0.0	31.9

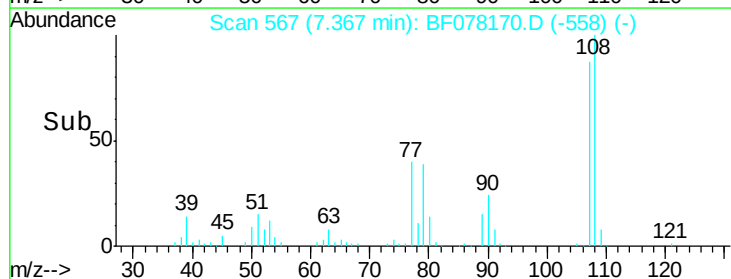
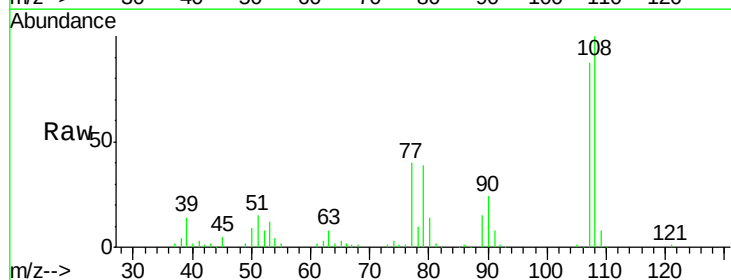
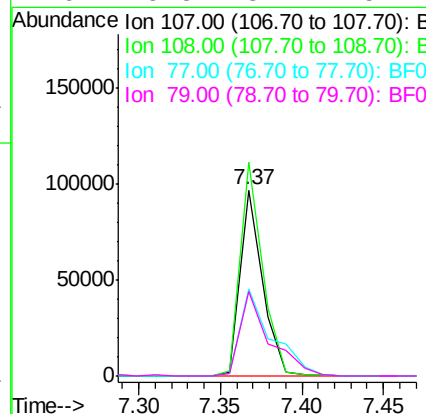
Manual Integrations
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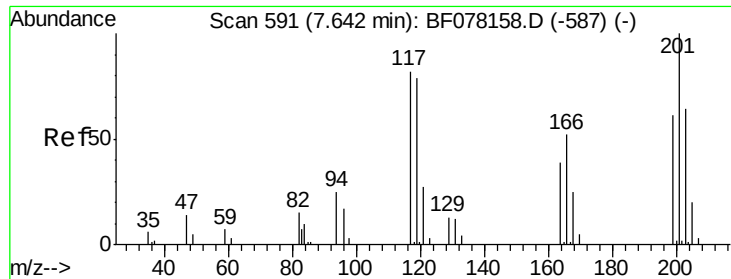
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#17
2-Methylphenol
Concen: 39.93 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion:	107	Resp:	91544
Ion Ratio		Lower	Upper
107	100		
108	114.9	90.3	135.5
77	46.5	35.5	53.3
79	45.3	34.2	51.4





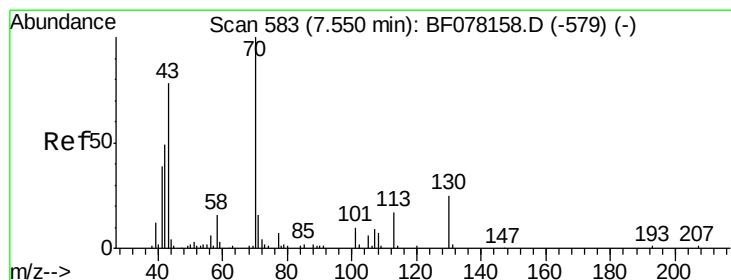
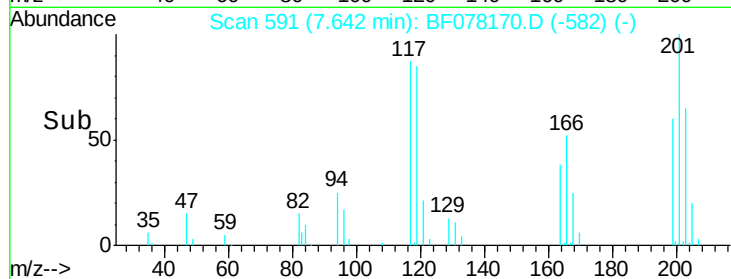
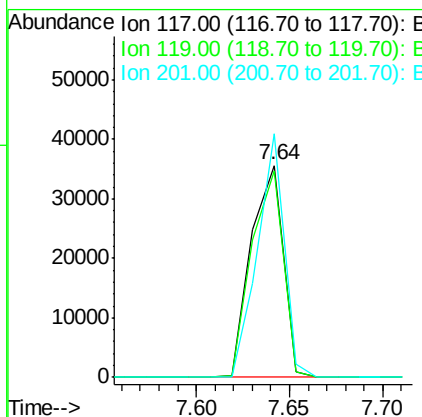
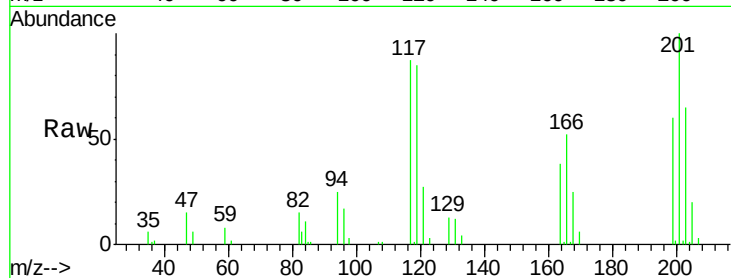
#18
Hexachloroethane
Concen: 38.44 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6
201	115.0	98.1	147.1

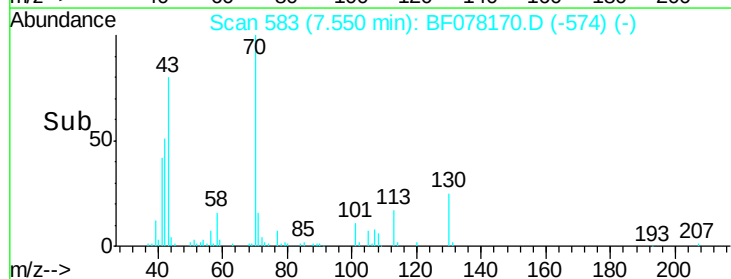
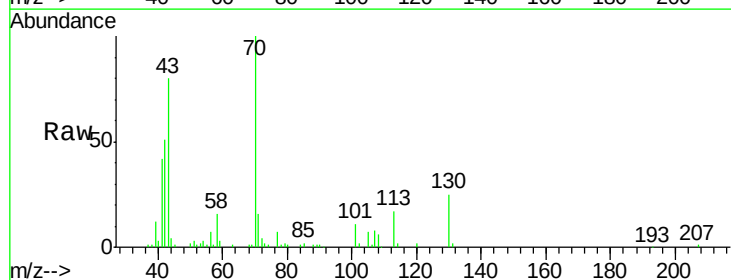
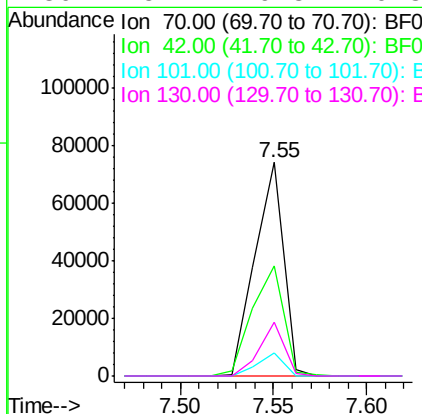
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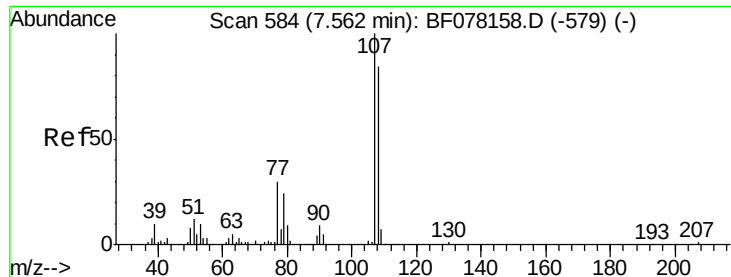
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#19
n-Nitroso-di-n-propylamine
Concen: 37.97 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.4	38.9	58.3
101	10.9	8.3	12.5
130	25.1	19.8	29.8





#20

3+4-Methylphenols

Concen: 40.25 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

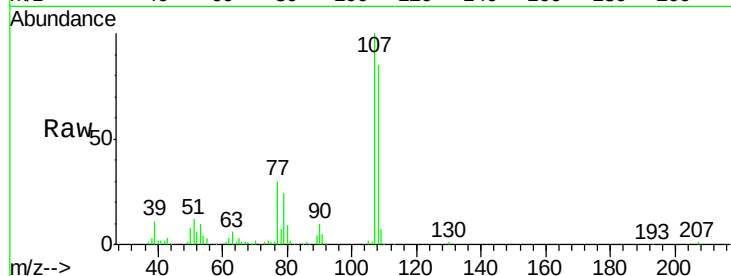
ClientSampleId :

PB82441BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	123100		
108	108	85.0	64.4	104.4	
77	77	30.2	9.7	49.7	
79	79	24.0	4.0	44.0	

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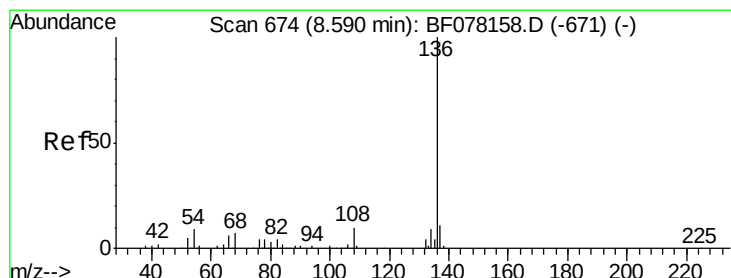
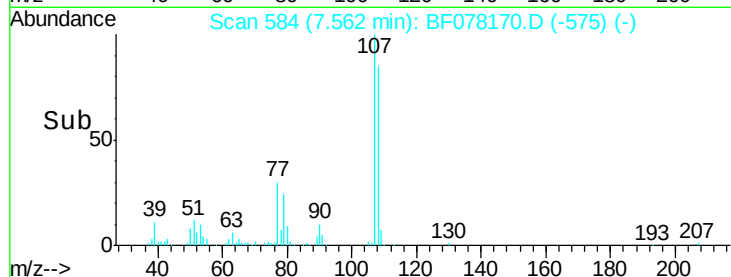
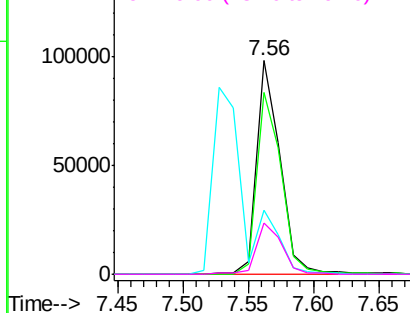
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	168069		
137	137	10.9	9.0	13.4	
54	54	8.6	7.0	10.6	
68	68	6.7	5.4	8.2	

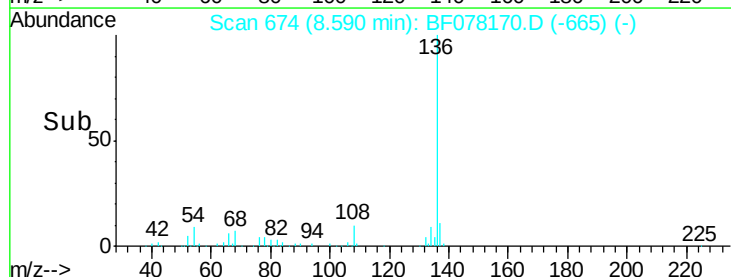
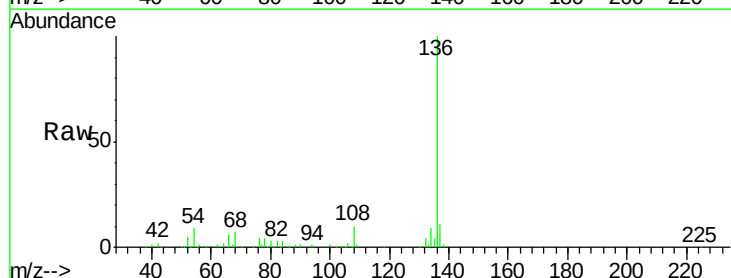
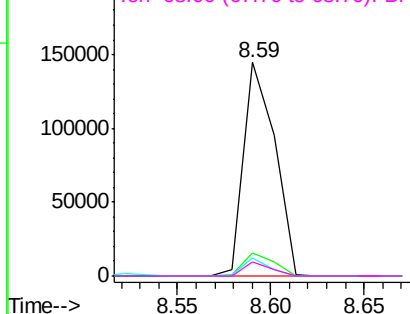
Abundance

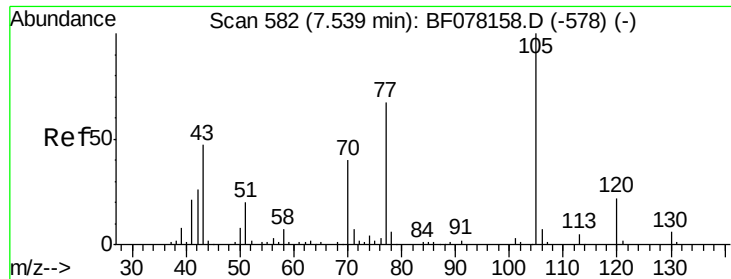
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 39.56 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

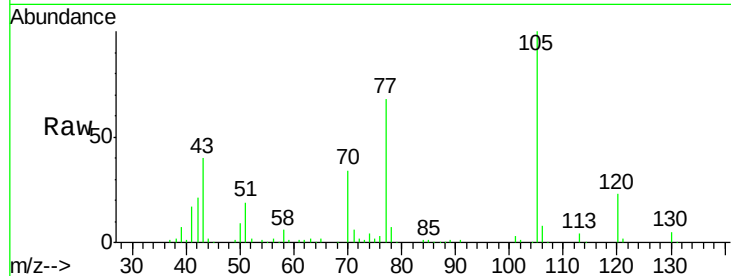
ClientSampleId :

PB82441BSD

Tot Ion:	105	Resp:	154913
Ion Ratio	Lower	Upper	
105	100		
71	5.9	5.5	8.3
51	19.5	16.0	24.0
120	22.7	17.8	26.6

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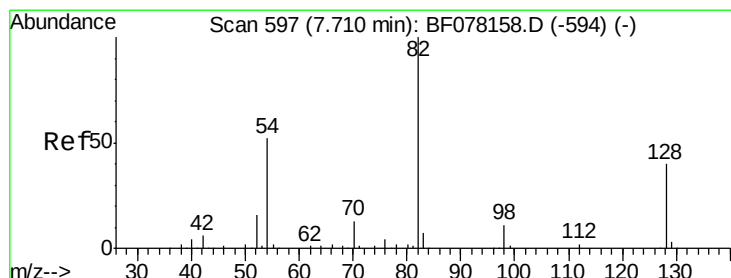
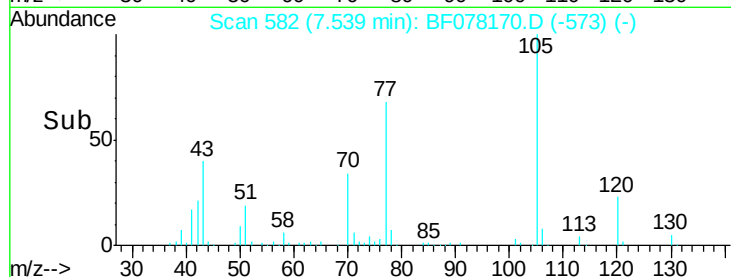
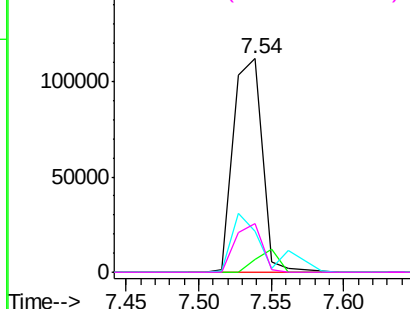


Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.87 ng

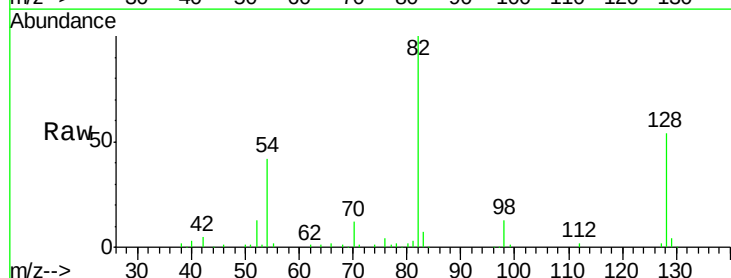
RT: 7.72 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

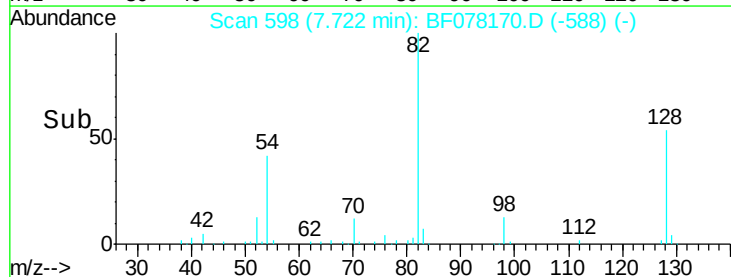
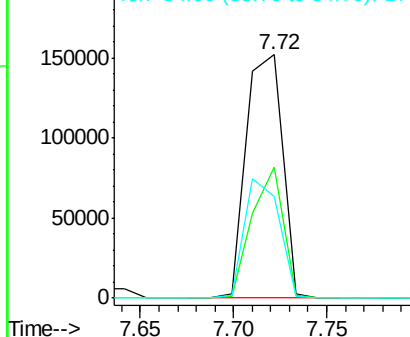
Tgt Ion:	82	Resp:	204834
Ion Ratio	Lower	Upper	
82	100		
128	53.9	31.8	47.8#
54	41.5	41.5	62.3#

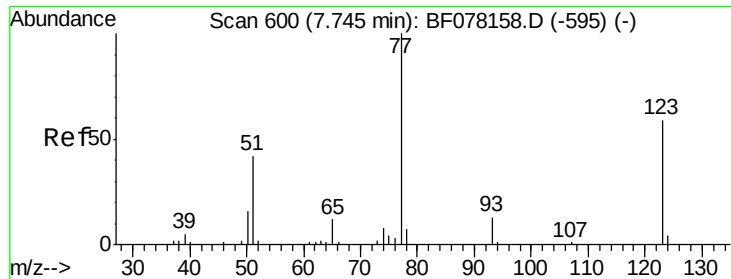


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





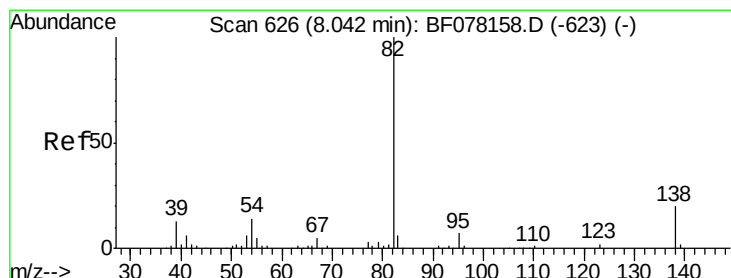
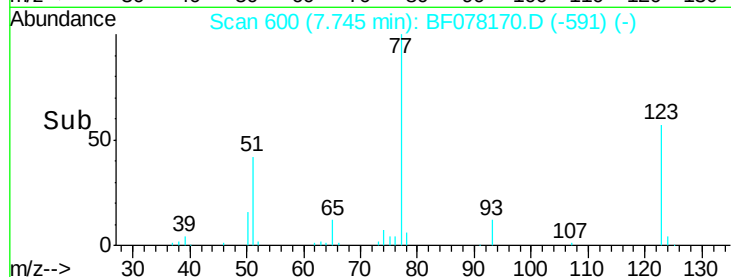
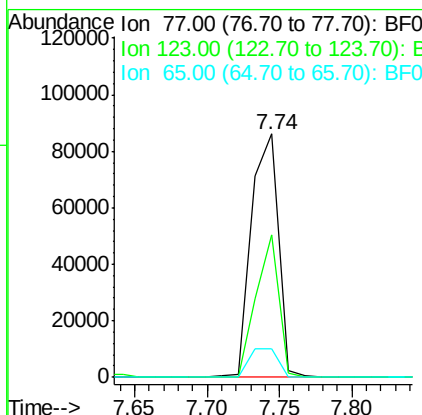
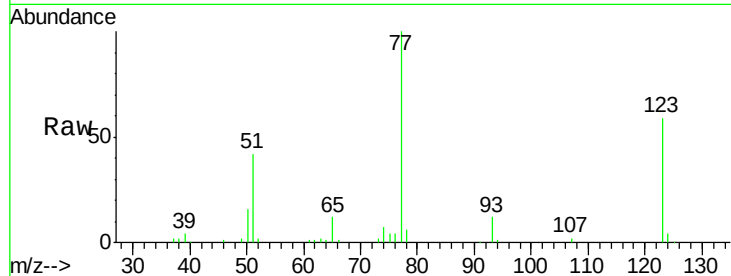
#24
 Nitrobenzene
 Concen: 38.36 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	111194		
123	58.7	46.9	70.3	
65	11.9	9.5	14.3	

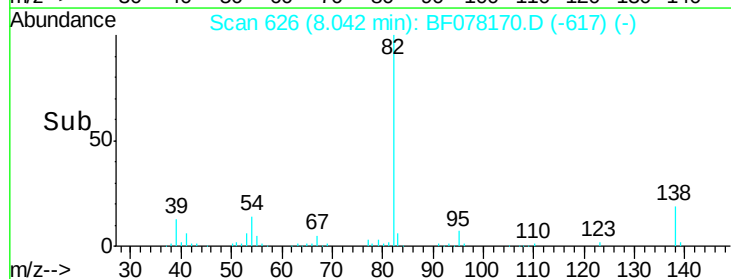
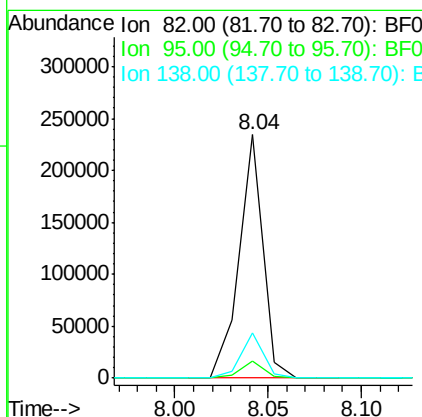
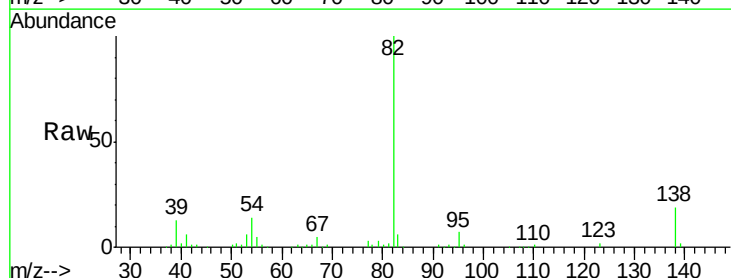
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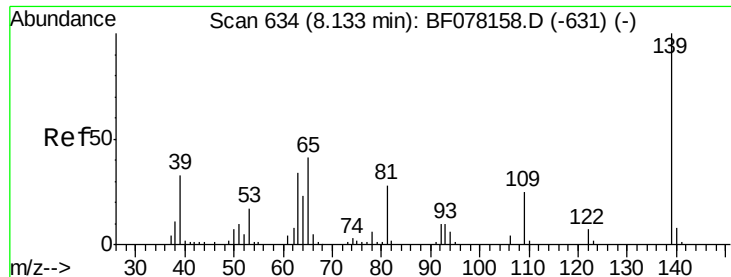
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#25
 Isophorone
 Concen: 39.96 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	210295		
95	6.8	5.7	8.5	
138	18.7	15.8	23.8	





#26

2-Nitrophenol

Concen: 41.00 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

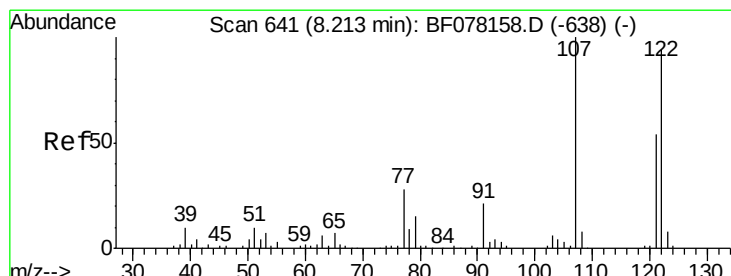
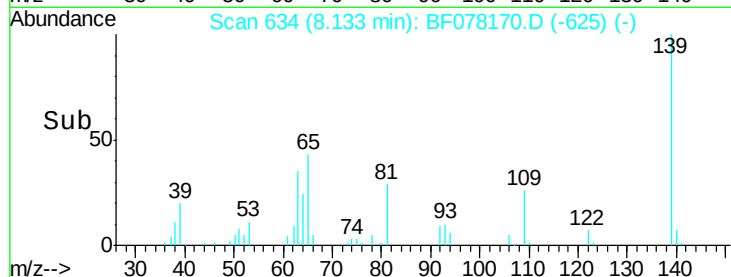
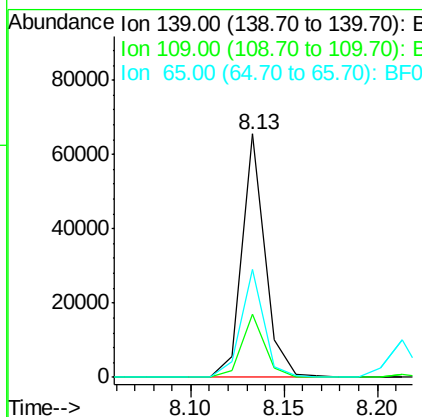
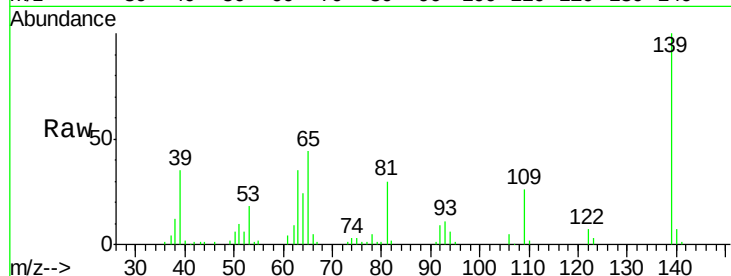
ClientSampleId :

PB82441BSD

Tot Ion:	139	Resp:	56635
Ion Ratio	Lower	Upper	
139	100		
109	25.8	19.8	29.8
65	44.1	32.7	49.1

Manual Integrations
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#27

2,4-Dimethylphenol

Concen: 40.15 ng

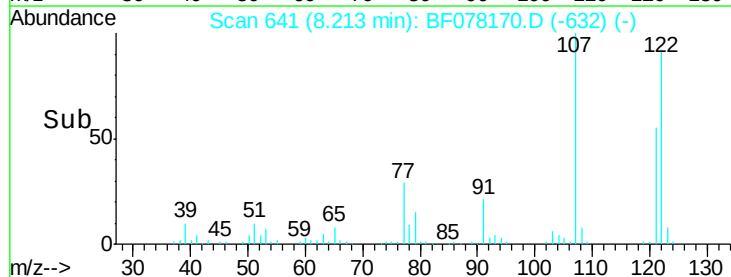
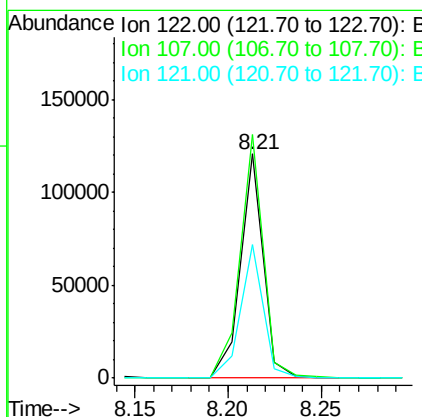
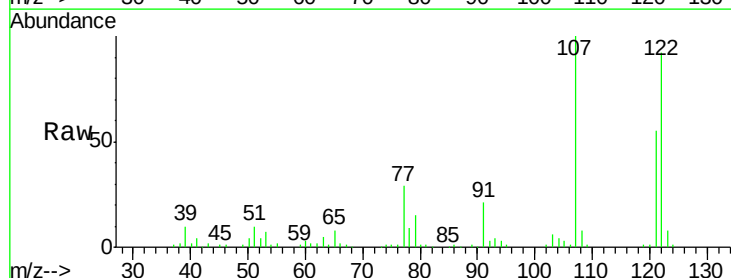
RT: 8.21 min Scan# 641

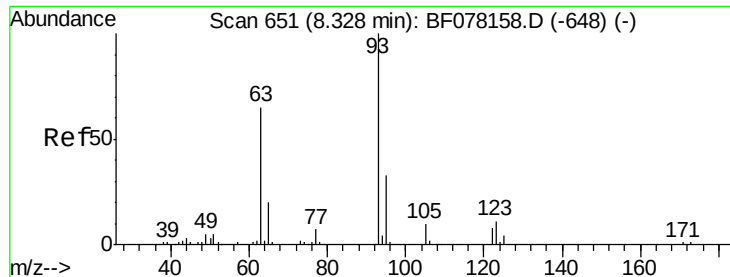
Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion:	122	Resp:	103141
Ion Ratio	Lower	Upper	
122	100		
107	108.6	84.6	127.0
121	59.4	46.0	69.0





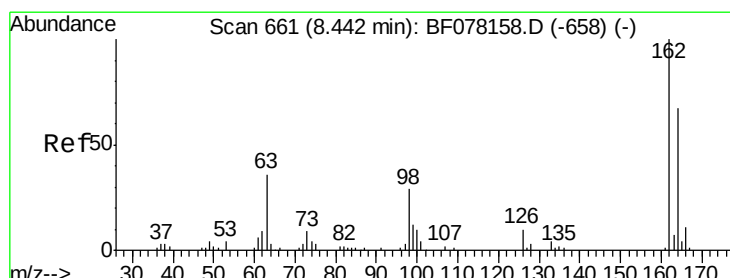
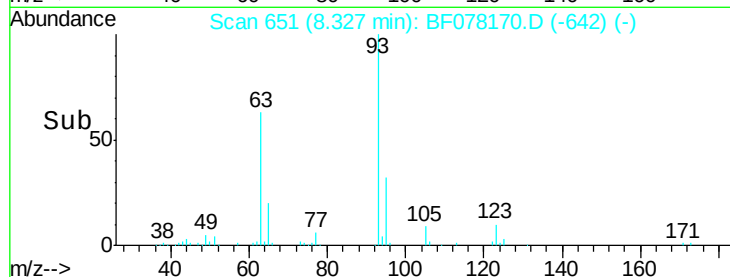
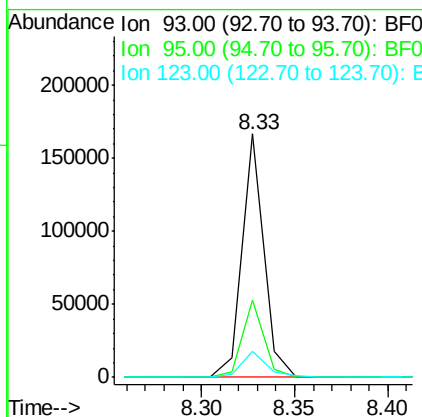
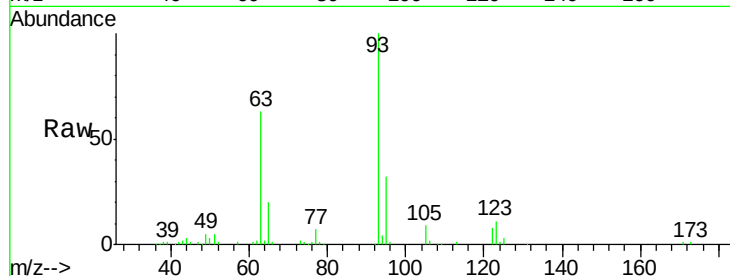
#28
bis(2-Chloroethoxy)methane
Concen: 40.41 ng
RT: 8.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion:	93	Resp:	136369
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.3	39.5
123	10.9	9.1	13.7

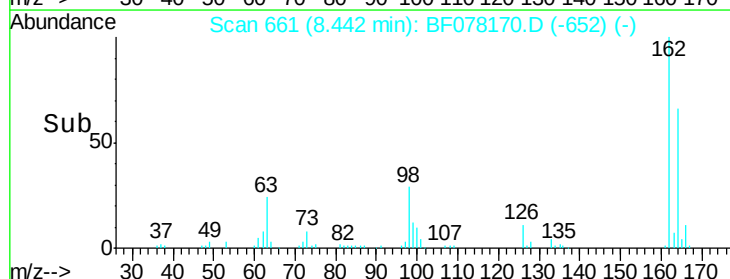
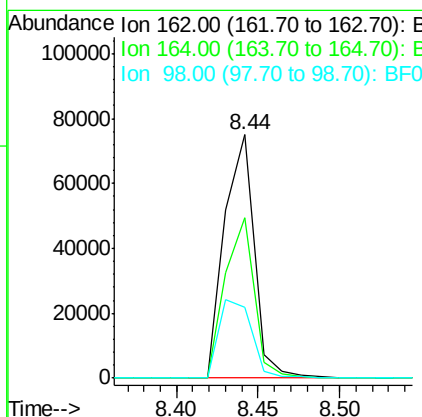
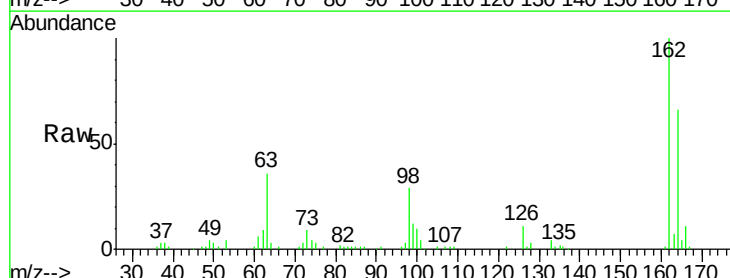
Manual Integrations
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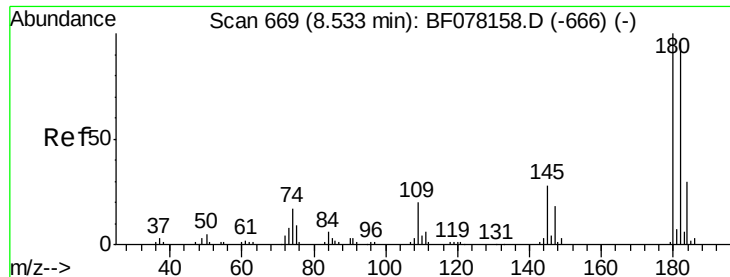
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#29
2,4-Dichlorophenol
Concen: 40.48 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion:	162	Resp:	94599
Ion Ratio	Lower	Upper	
162	100		
164	66.1	47.0	87.0
98	28.9	9.2	49.2





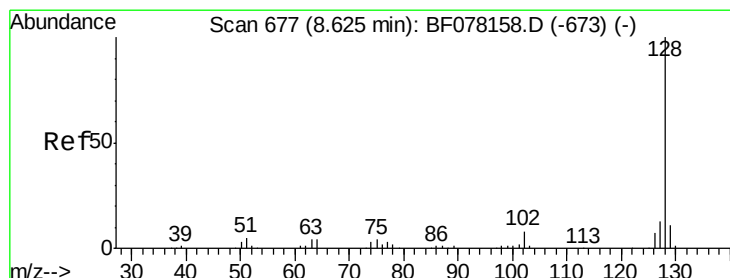
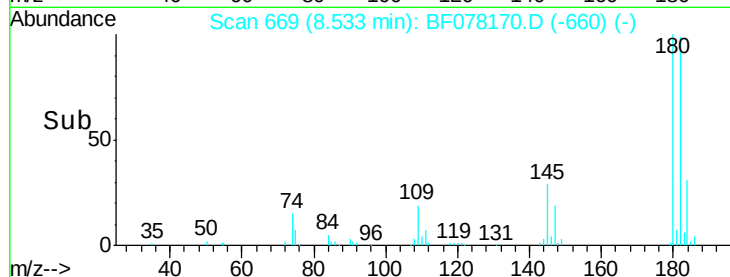
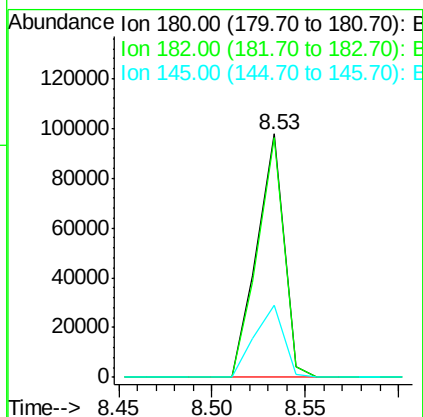
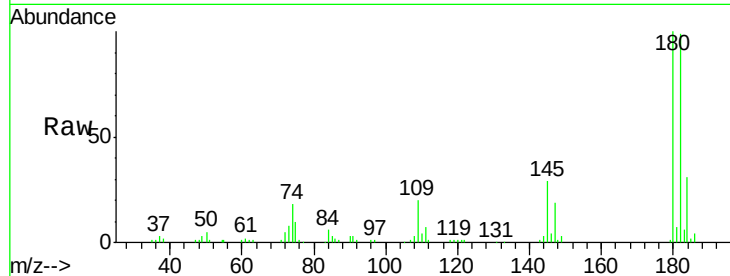
#30
1,2,4-Trichlorobenzene
Concen: 36.72 ng
RT: 8.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98383		
182	98.6	76.9	115.3	
145	29.4	22.5	33.7	

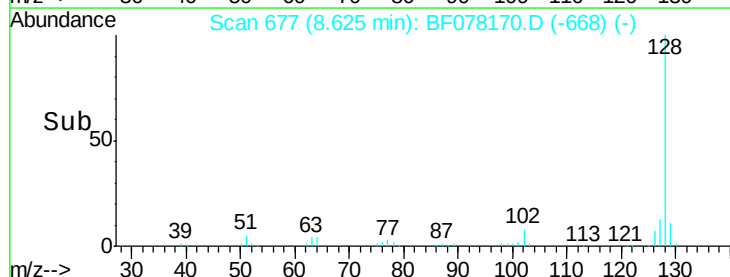
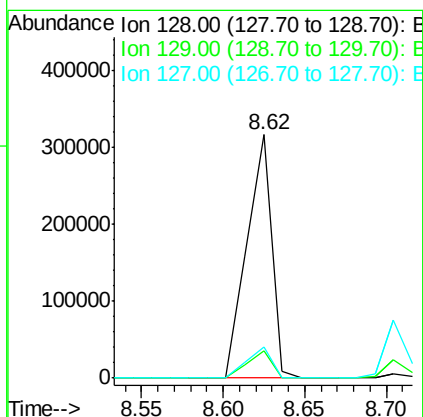
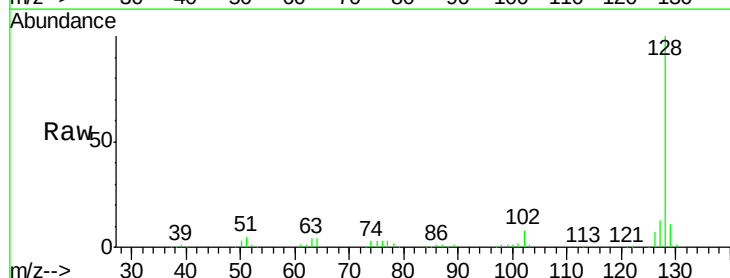
Manual Integrations
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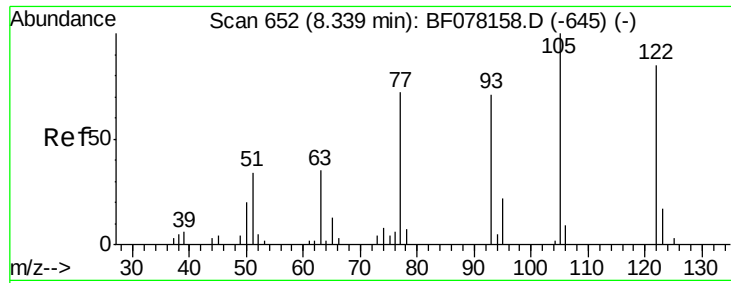
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#31
Naphthalene
Concen: 38.25 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	334625		
129	11.0	8.6	12.8	
127	12.9	10.7	16.1	





#32

Benzoic acid

Concen: 37.37 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

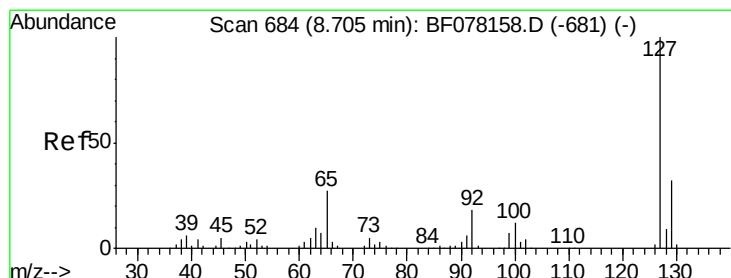
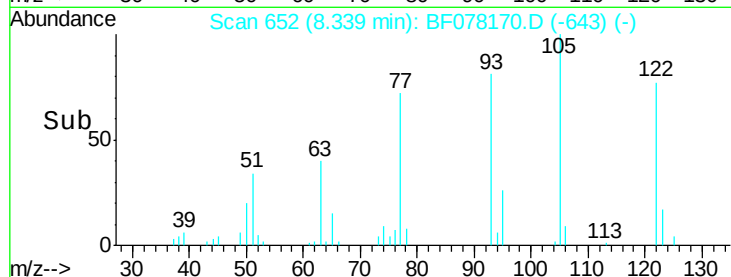
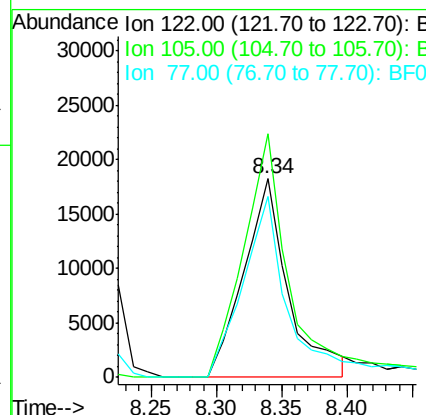
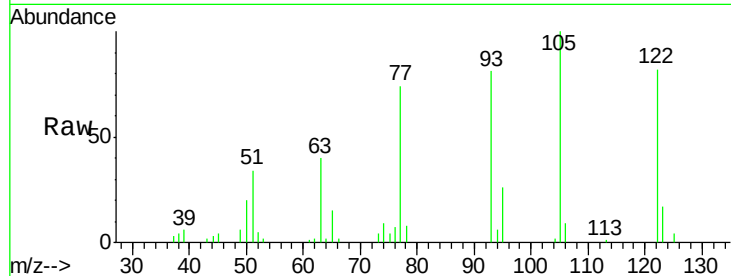
ClientSampleId :

PB82441BSD

Tot Ion:	122	Resp:	43381
Ion Ratio	Lower	Upper	
122	100		
105	122.6	96.1	136.1
77	91.0	64.1	104.1

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#33

4-Chloroaniline

Concen: 20.17 ng

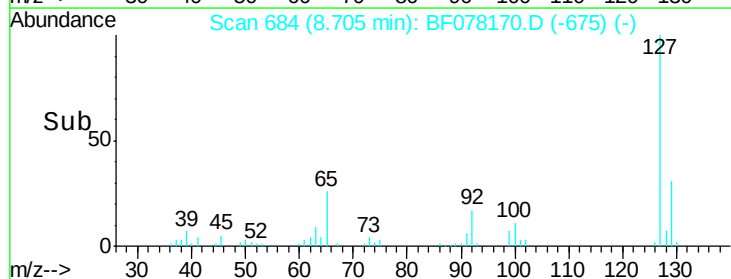
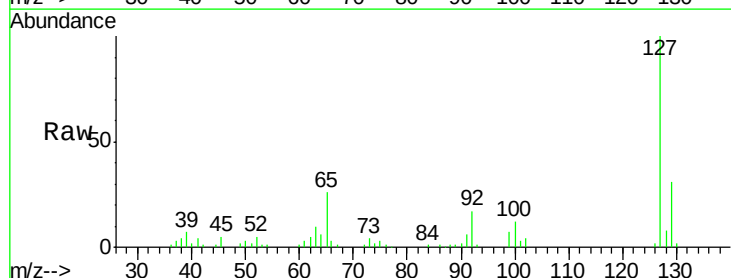
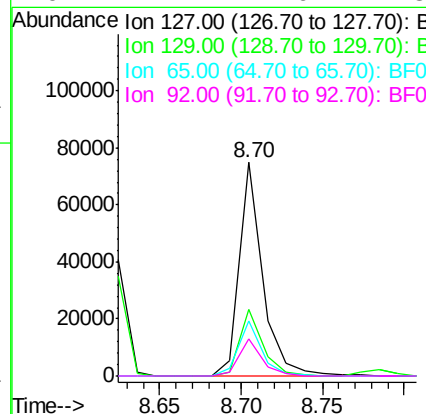
RT: 8.70 min Scan# 684

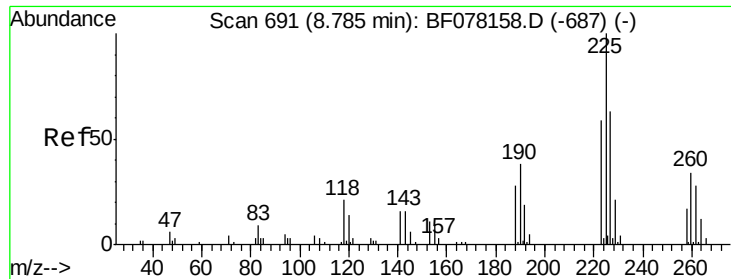
Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion:	127	Resp:	73203
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.5	38.3
65	25.9	21.7	32.5
92	17.4	14.6	21.8





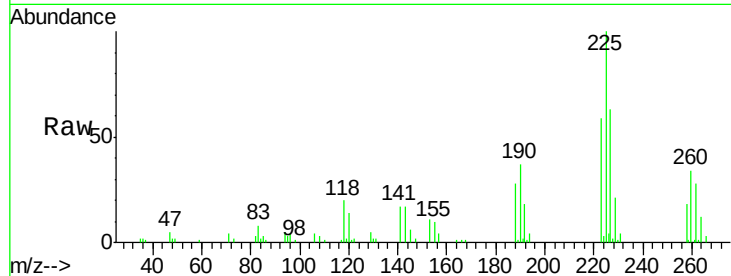
#34
Hexachlorobutadiene
Concen: 37.55 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

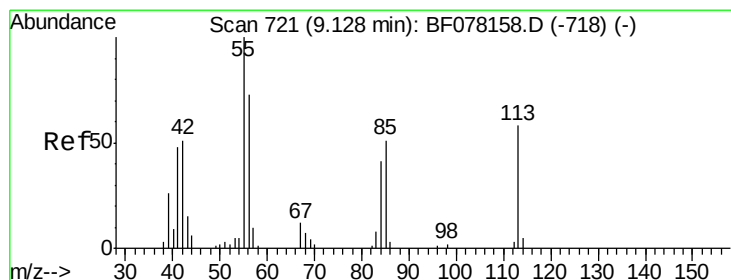
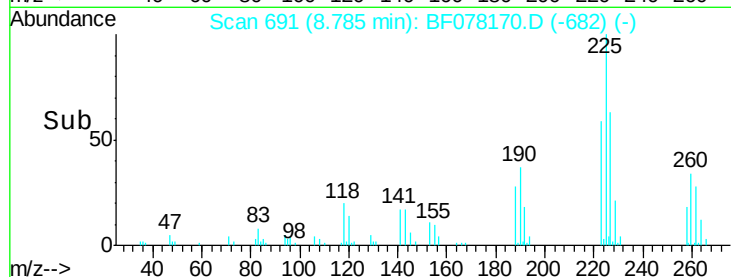
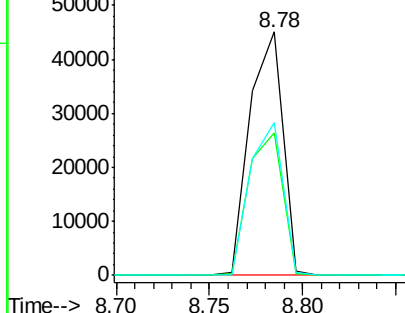
Tot Ion	Ratio	Resp	Lower	Upper
225	100	55236		
223	58.7		47.5	71.3
227	62.8		50.2	75.2

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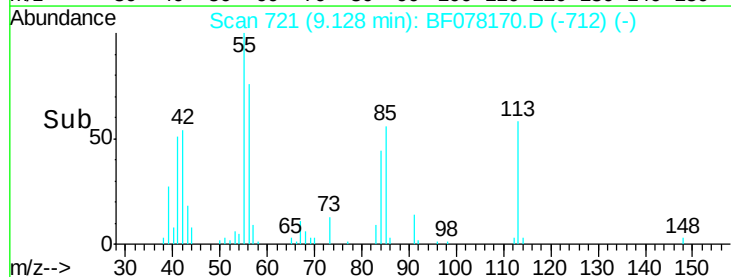
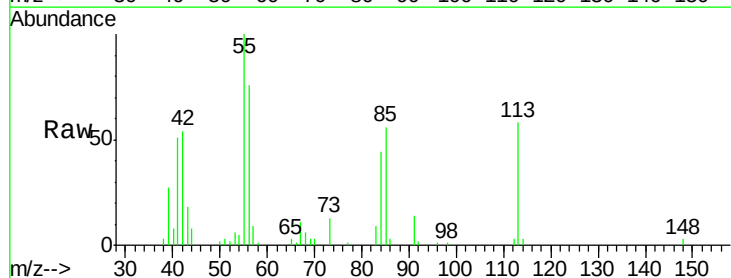
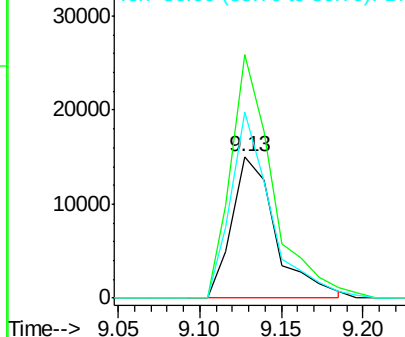
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

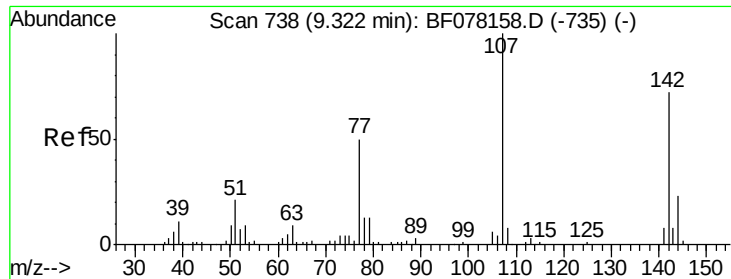


#35
Caprolactam
Concen: 40.46 ng
RT: 9.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	28221		
55	171.8		151.9	191.9
56	130.9		106.1	146.1

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





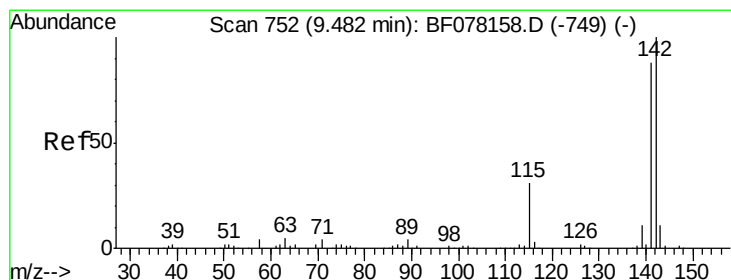
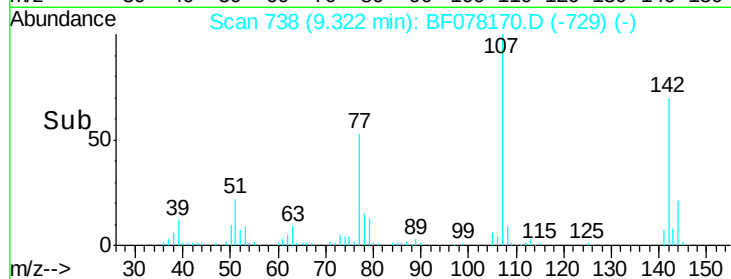
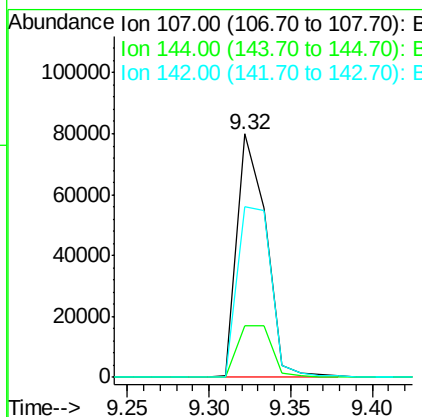
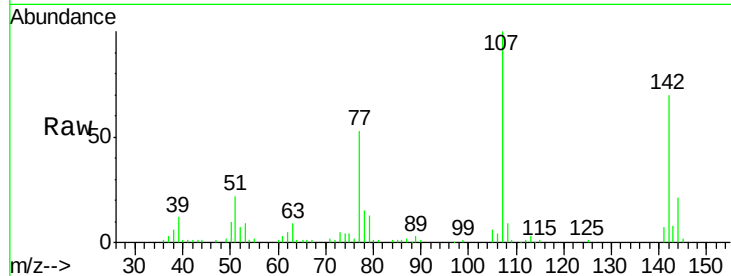
#36
 4-Chloro-3-methylphenol
 Concen: 41.54 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	97947		
144	21.1	18.2	27.2	
142	69.9	58.0	87.0	

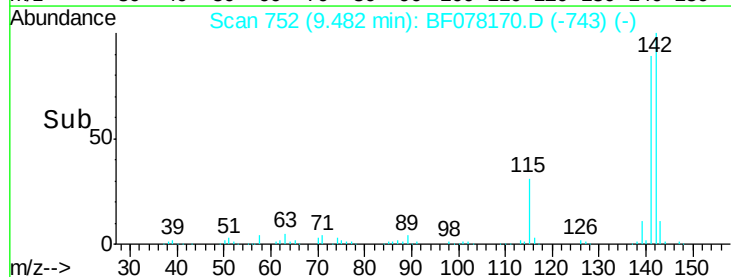
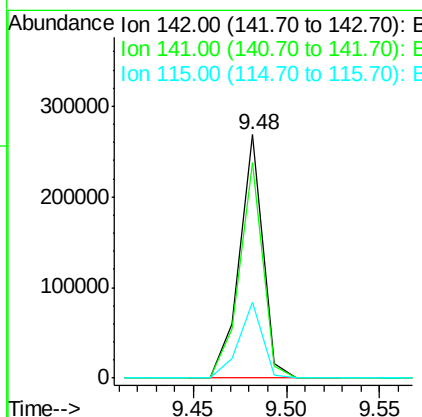
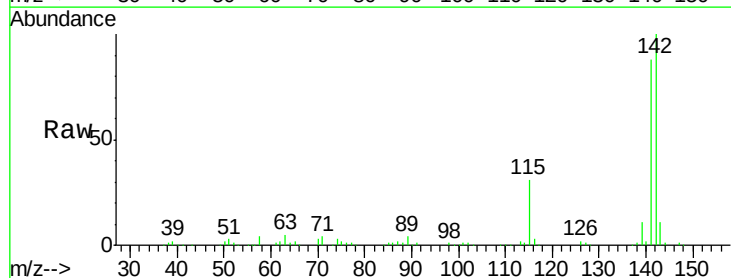
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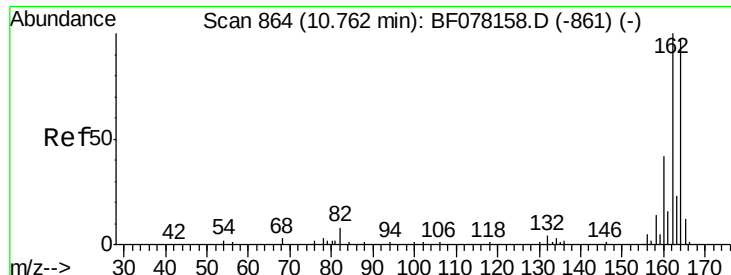
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 4/2/2015 5:51:11 PM



#37
 2-Methylnaphthalene
 Concen: 39.83 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	236547		
141	88.4	70.3	105.5	
115	31.1	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: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

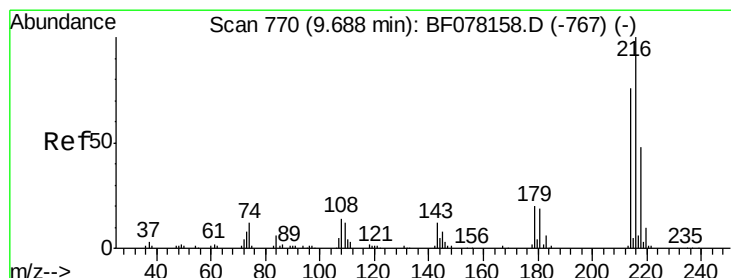
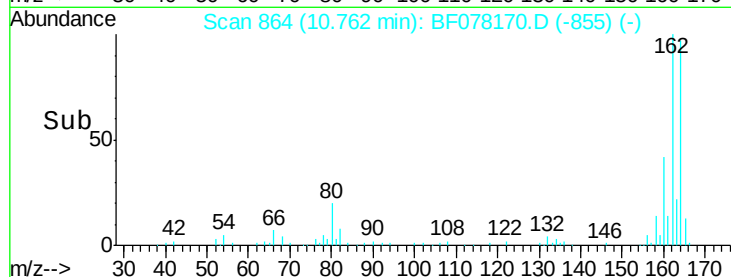
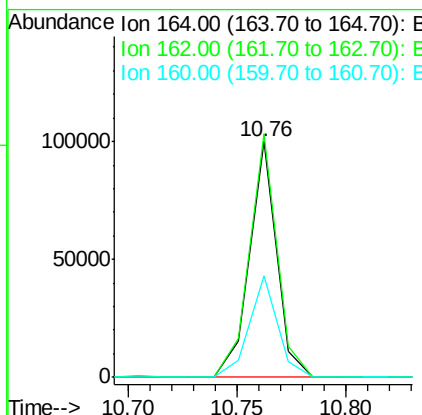
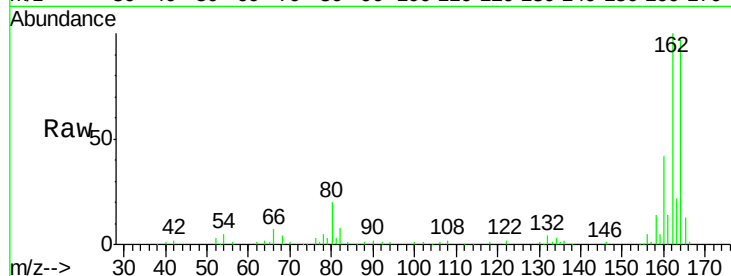
ClientSampleId :

PB82441BSD

Tot Ion:	164	Resp:	86373
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.2	123.2
160	43.2	34.7	52.1

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.72 ng

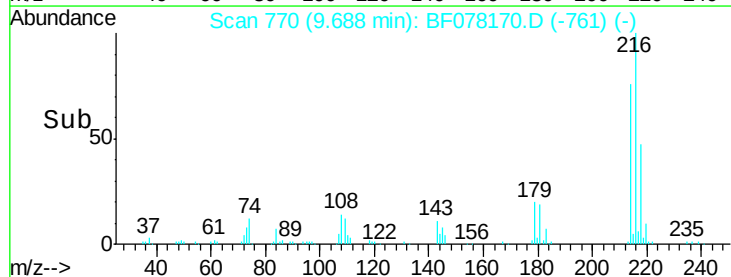
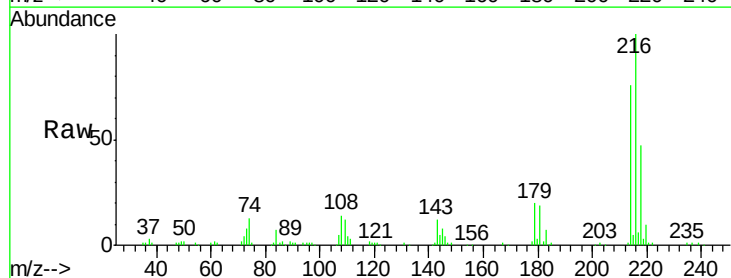
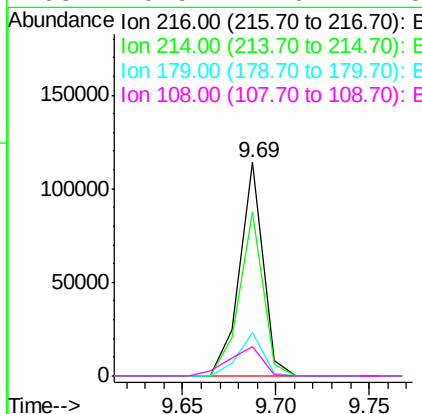
RT: 9.69 min Scan# 770

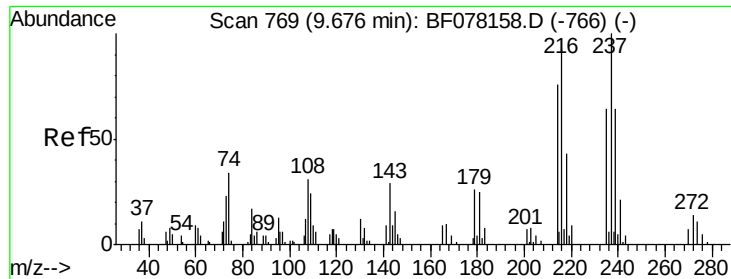
Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion:	216	Resp:	100943
Ion Ratio	Lower	Upper	
216	100		
214	77.0	62.0	93.0
179	21.2	17.3	25.9
108	19.5	14.6	21.8





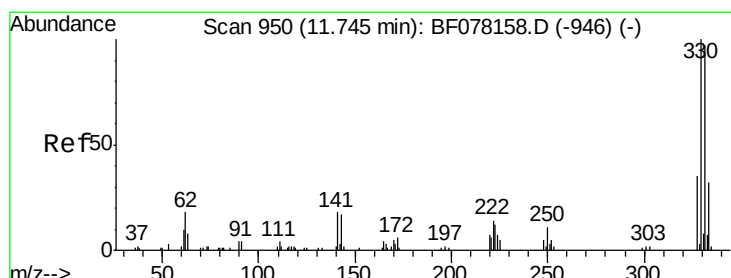
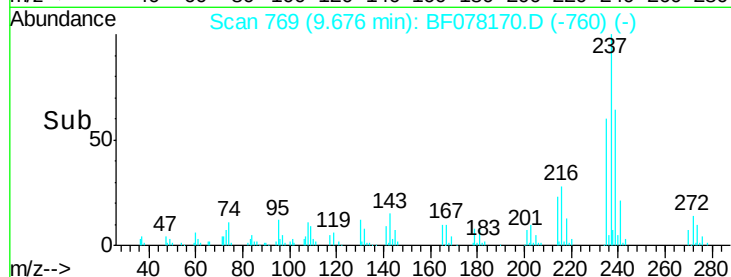
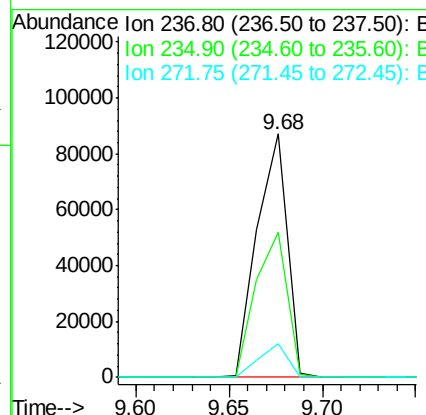
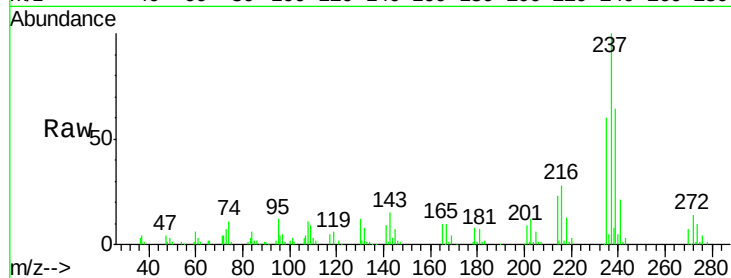
#40
Hexachlorocyclopentadiene
Concen: 84.18 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	59.8	44.1	84.1	
272	13.8	0.0	34.4	

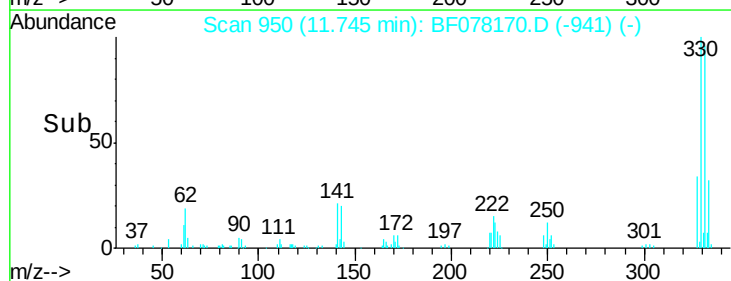
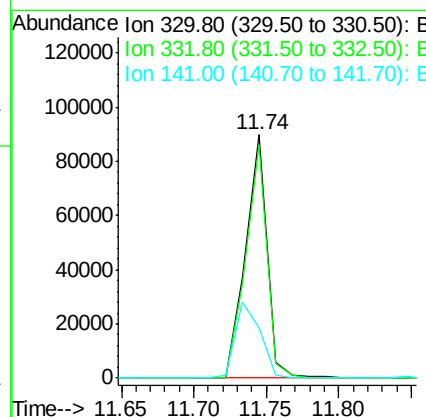
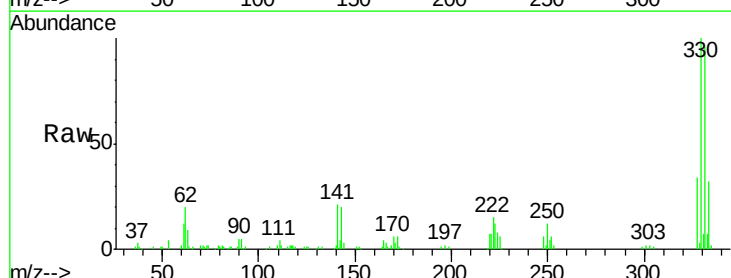
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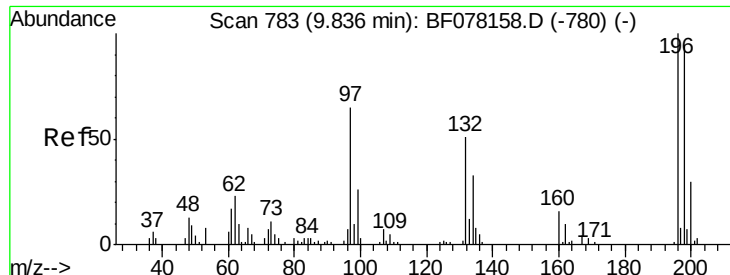
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#41
2,4,6-Tribromophenol
Concen: 129.00 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	78.6	117.8	
141	36.5	31.2	46.8	





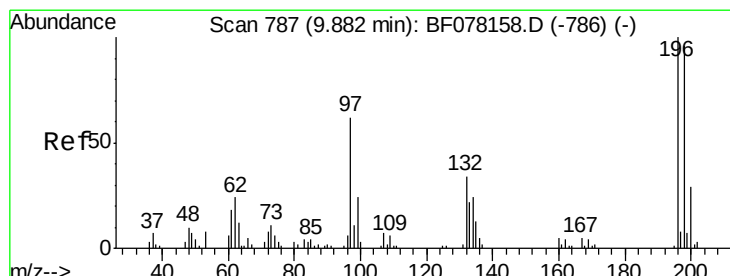
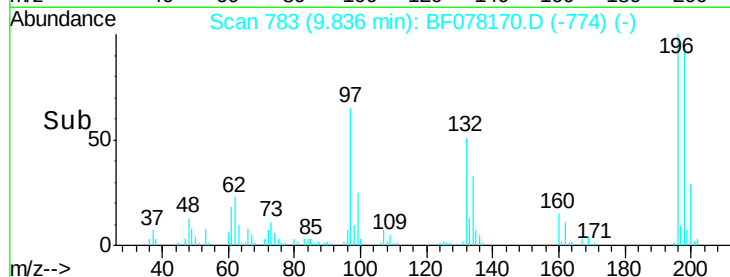
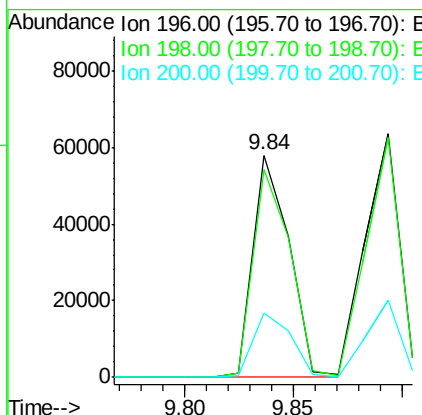
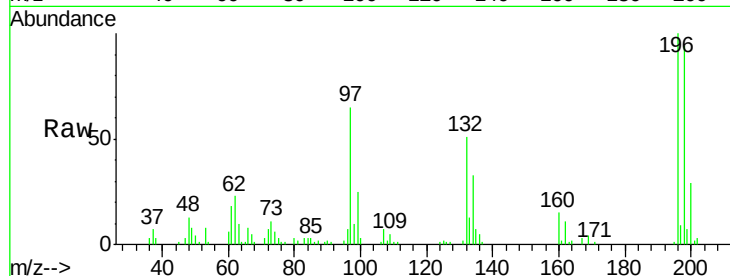
#42
2,4,6-Trichlorophenol
Concen: 39.91 ng
RT: 9.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67363		
198	93.6	75.4	113.2	
200	29.2	24.0	36.0	

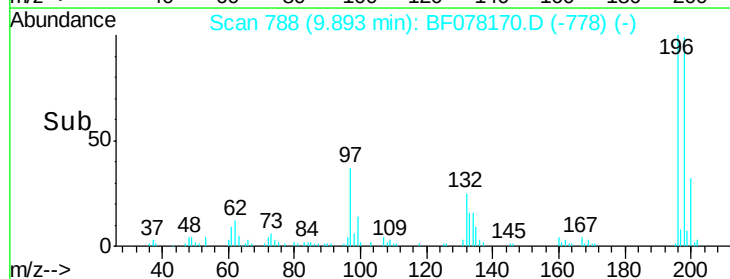
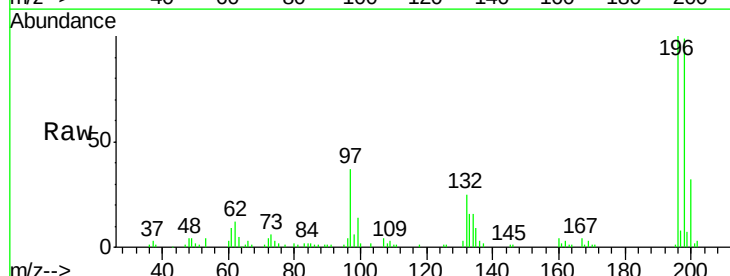
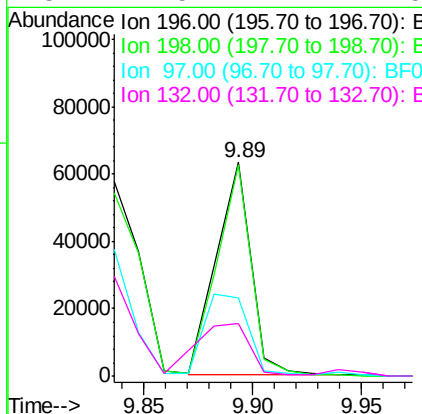
Manual Integrations
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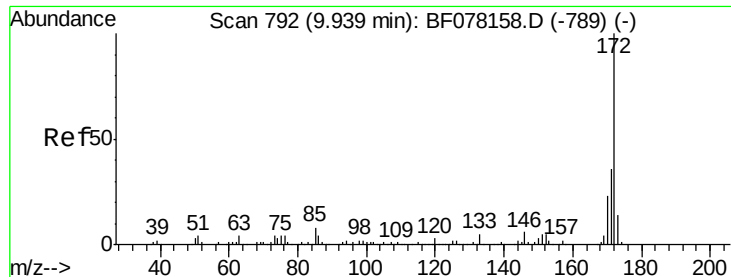
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#43
2,4,5-Trichlorophenol
Concen: 39.73 ng
RT: 9.89 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70060		
198	98.7	76.6	115.0	
97	36.9	50.6	75.8#	
132	24.5	27.7	41.5#	





#44

2-Fluorobiphenyl

Concen: 73.58 ng

RT: 9.95 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

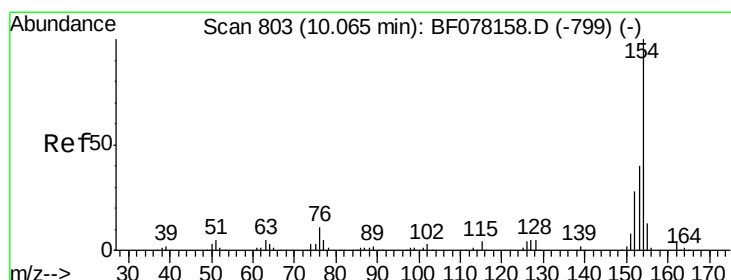
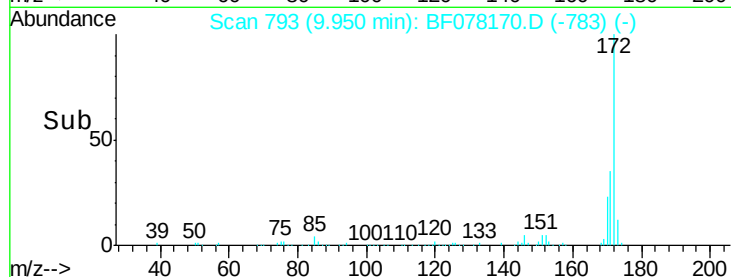
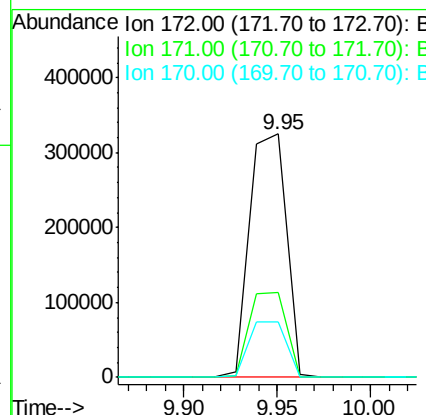
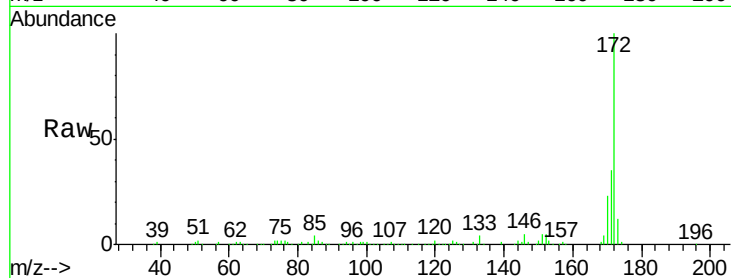
ClientSampleId :

PB82441BSD

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Tot Ion:	172	Resp:	444596
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	42.8
170	23.0	18.5	27.7



#45

1,1'-Biphenyl

Concen: 38.88 ng

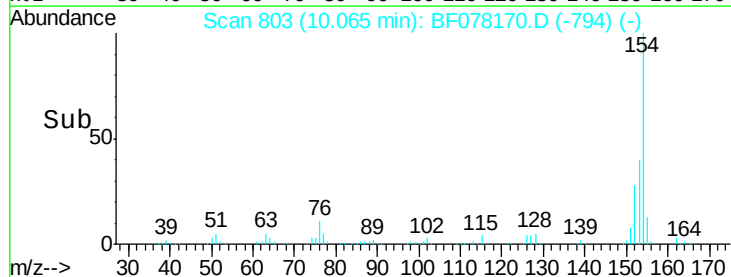
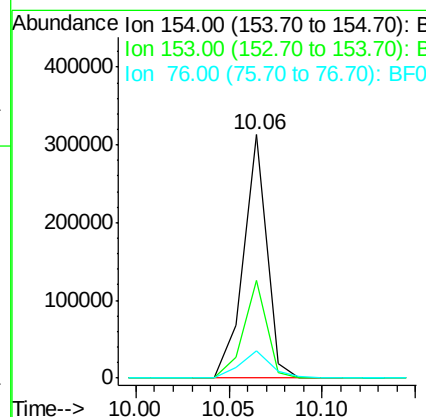
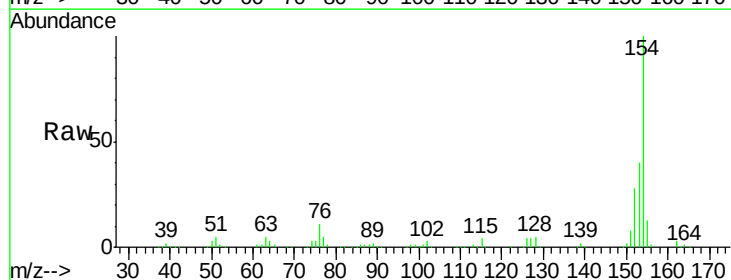
RT: 10.06 min Scan# 803

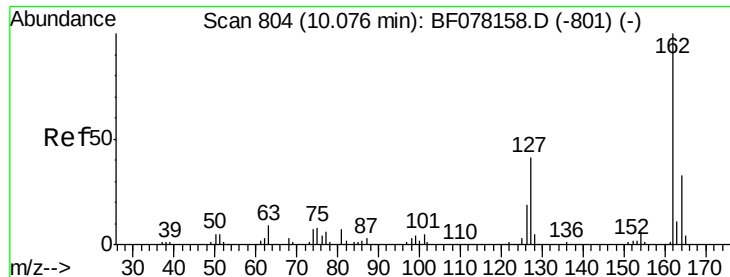
Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion:	154	Resp:	274652
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.0	60.0
76	11.3	0.0	30.6





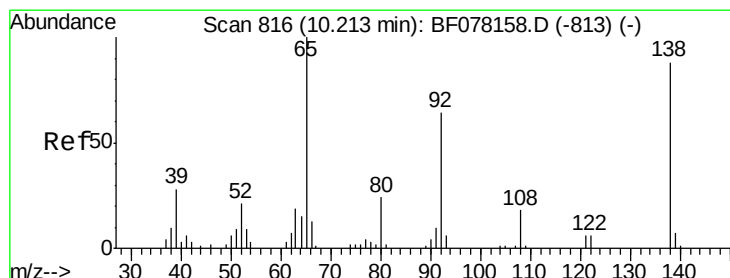
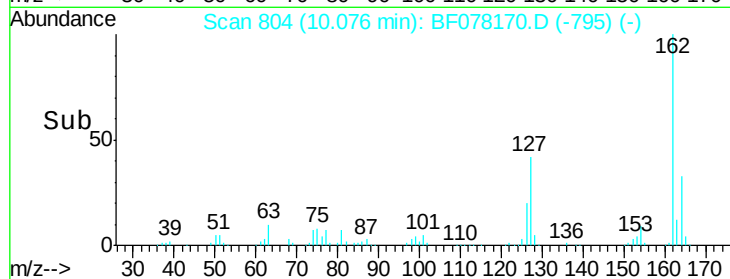
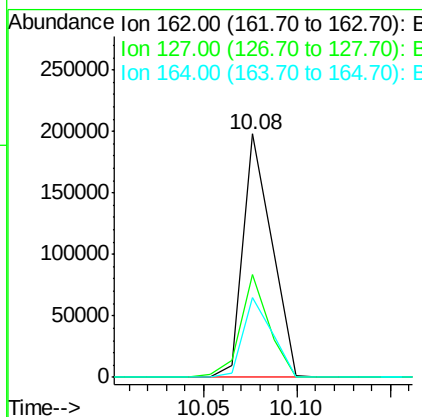
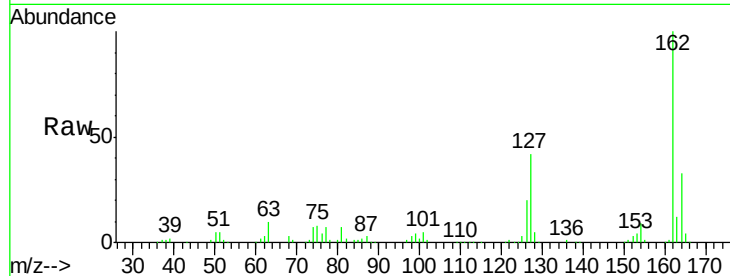
#46
 2-Chloronaphthalene
 Concen: 38.04 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	211459		
127	42.4	32.6	49.0	
164	32.7	26.0	39.0	

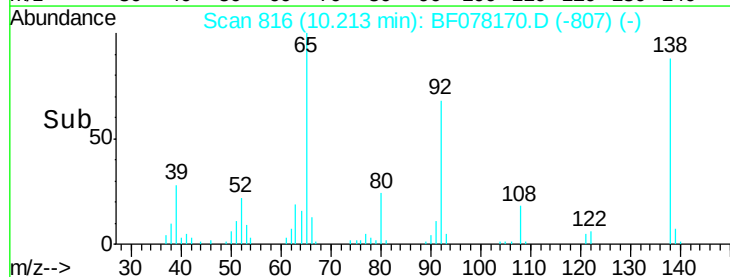
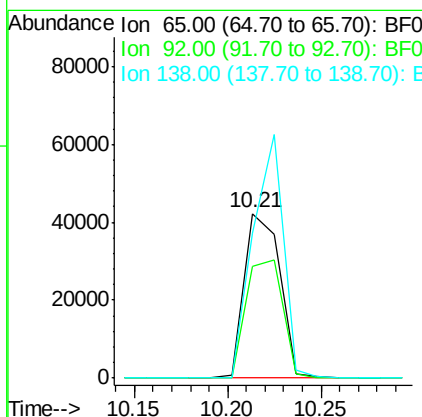
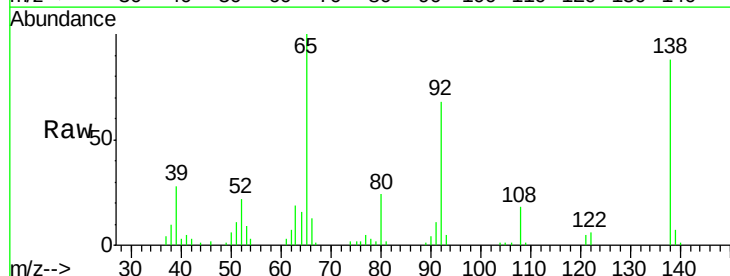
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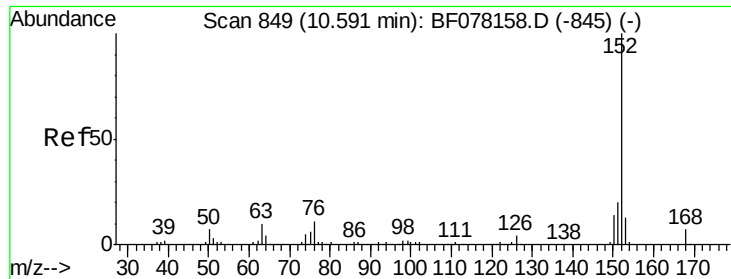
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#47
 2-Nitroaniline
 Concen: 40.66 ng
 RT: 10.21 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	55926		
92	67.7	51.3	76.9	
138	88.2	70.4	105.6	





#48

Acenaphthylene

Concen: 37.97 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

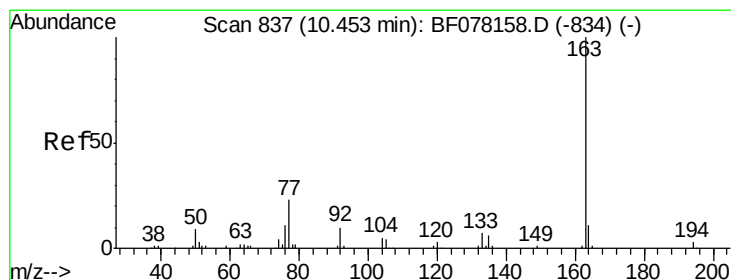
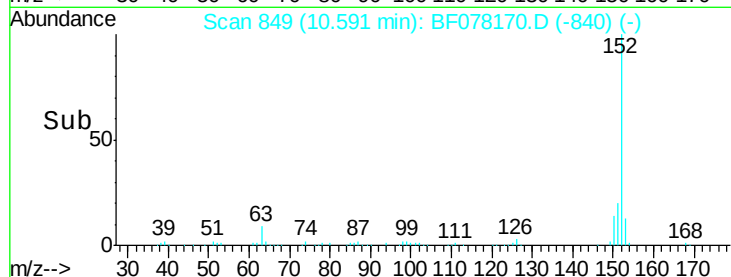
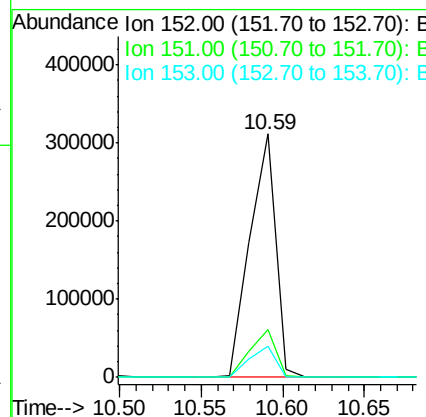
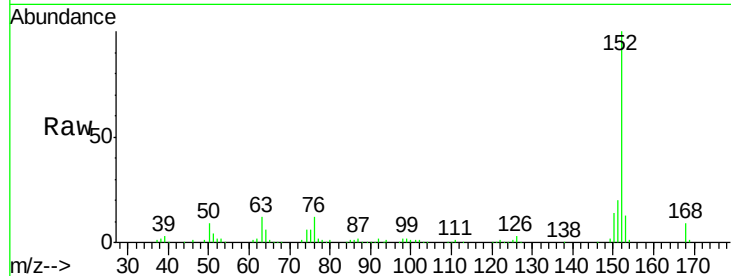
ClientSampleId :

PB82441BSD

Tot Ion:	152	Resp:	340794
Ion Ratio		Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.7	10.2	15.2

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#49

Dimethylphthalate

Concen: 38.73 ng

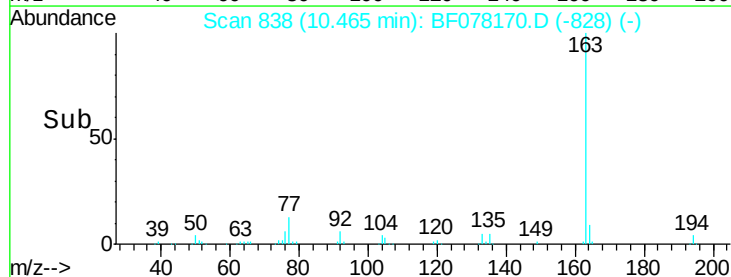
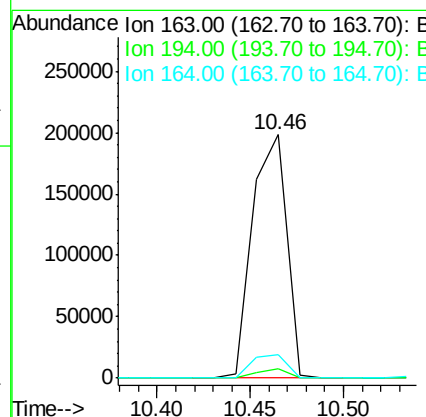
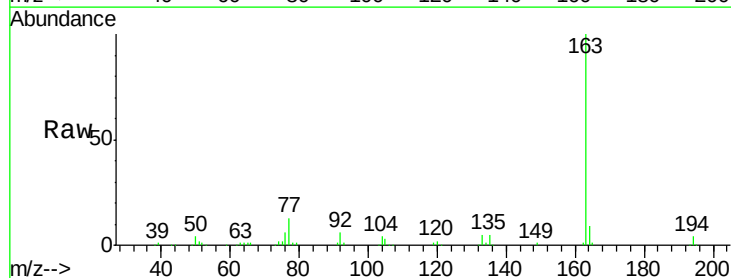
RT: 10.46 min Scan# 838

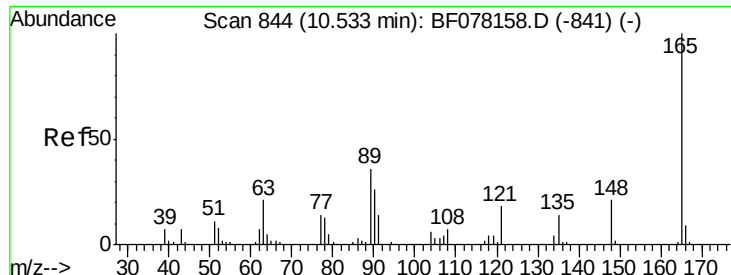
Delta R.T. 0.01 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion:	163	Resp:	251330
Ion Ratio		Lower	Upper
163	100		
194	4.0	2.3	3.5#
164	9.5	8.6	13.0





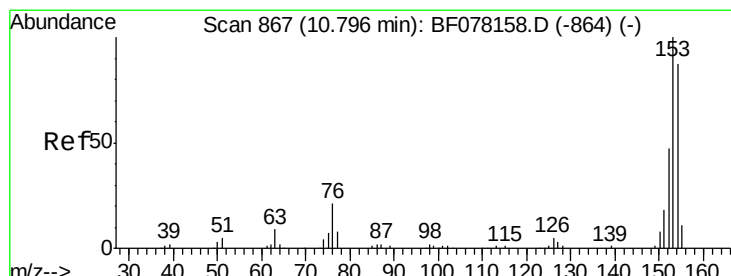
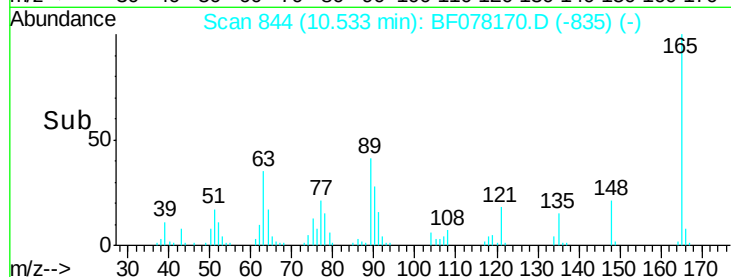
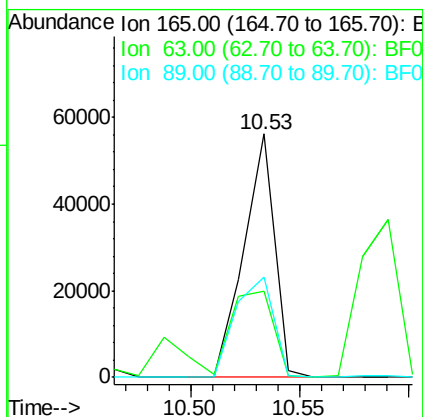
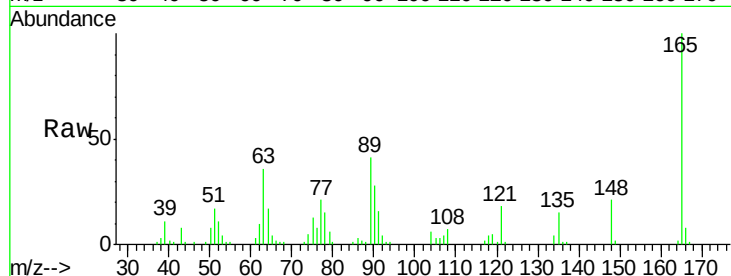
#50
 2,6-Dinitrotoluene
 Concen: 41.26 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.5	24.1	36.1	
89	41.1	28.9	43.3	

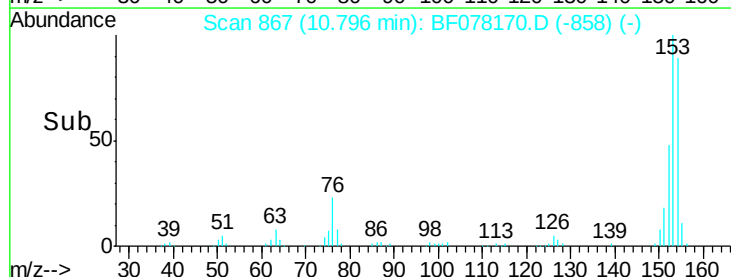
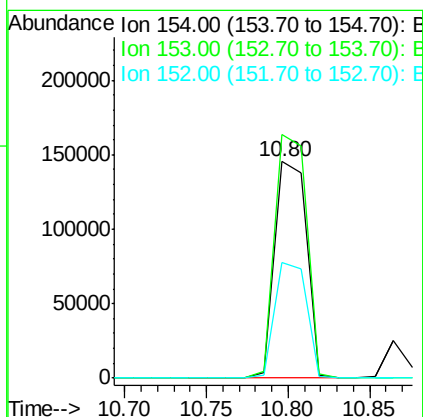
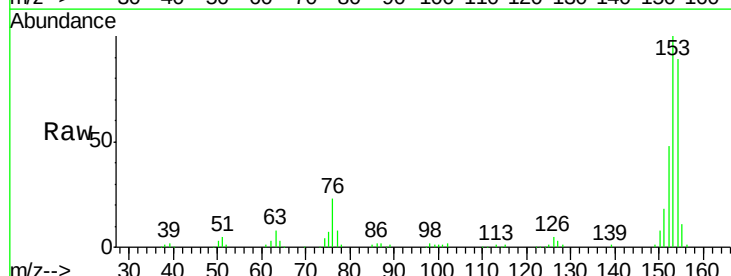
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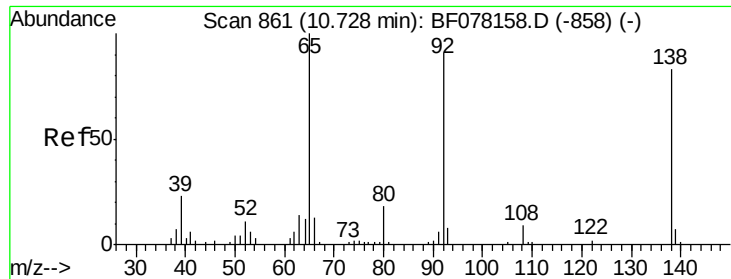
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 4/2/2015 5:51:11 PM



#51
 Acenaphthene
 Concen: 39.27 ng
 RT: 10.80 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.6	91.4	137.2	
152	53.7	43.0	64.6	





#52

3-Nitroaniline

Concen: 27.55 ng

RT: 10.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

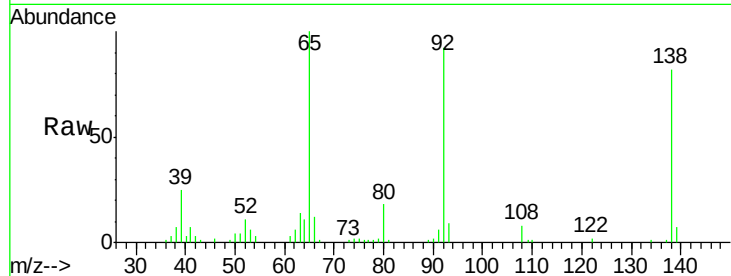
ClientSampleId :

PB82441BSD

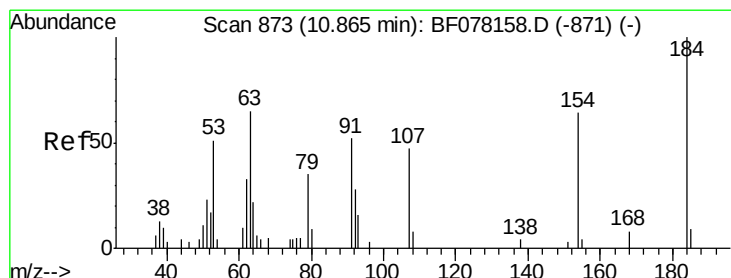
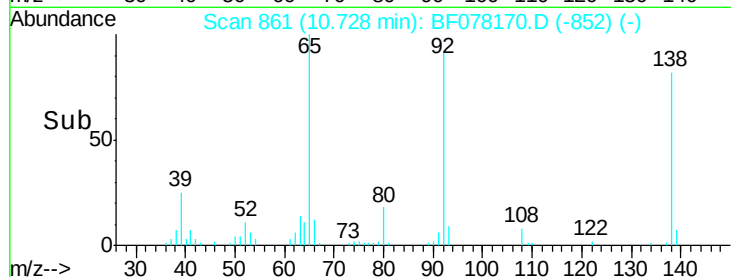
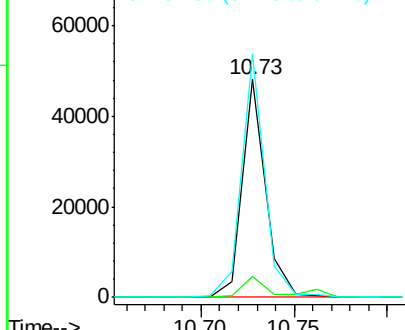
Tot Ion:	138	Resp:	41824
Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.2	12.4
92	112.0	88.4	132.6

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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: 79.67 ng

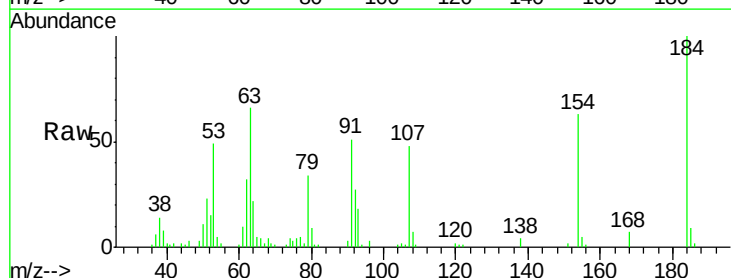
RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

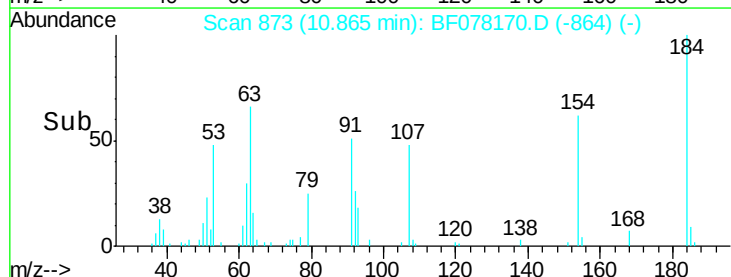
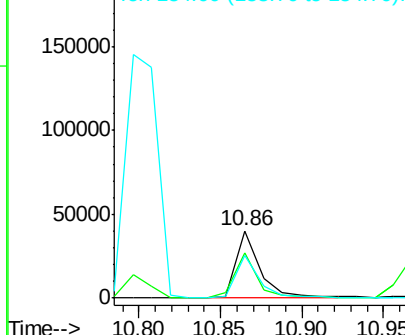
Lab File: BF078170.D

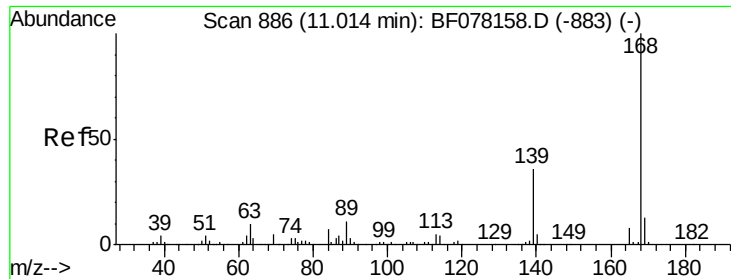
Acq: 1 Apr 2015 23:52

Tgt Ion:	184	Resp:	41281
Ion	Ratio	Lower	Upper
184	100		
63	66.3	51.9	77.9
154	63.0	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: 40.23 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

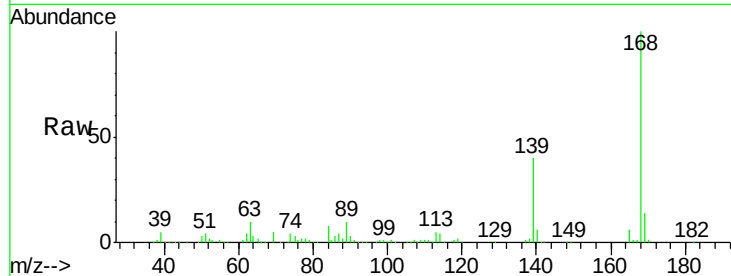
ClientSampleId :

PB82441BSD

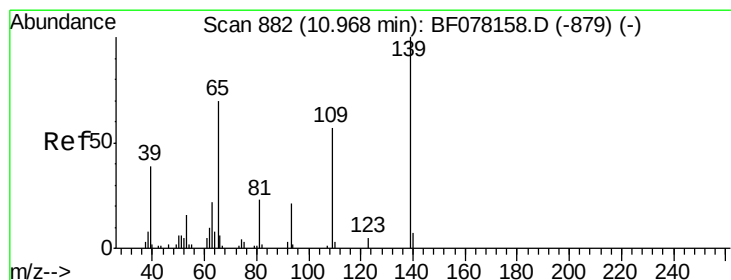
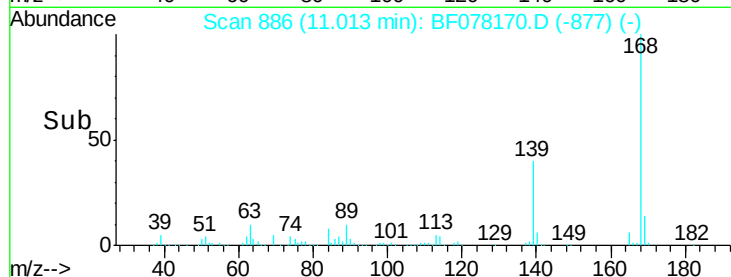
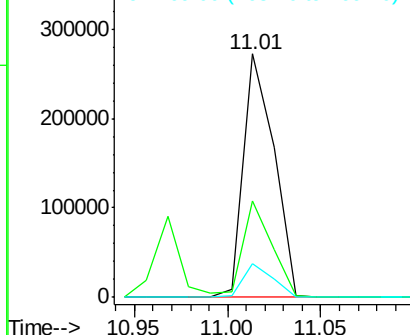
Tot Ion:	168	Resp:	310538
Ion Ratio	Lower	Upper	
168	100		
139	39.6	31.0	46.4
169	13.6	10.7	16.1

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 77.67 ng

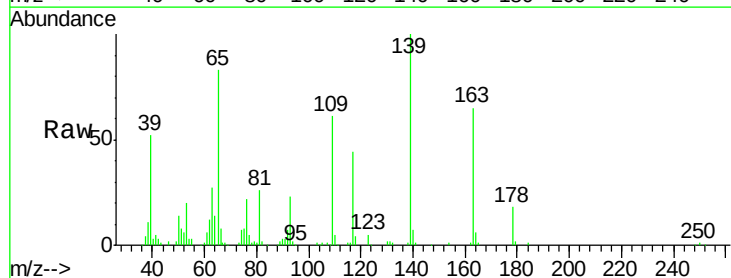
RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

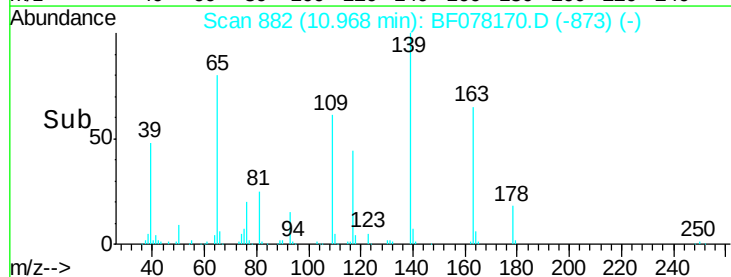
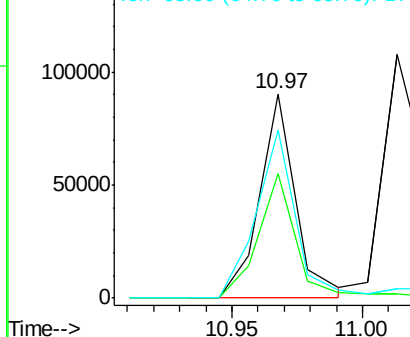
Lab File: BF078170.D

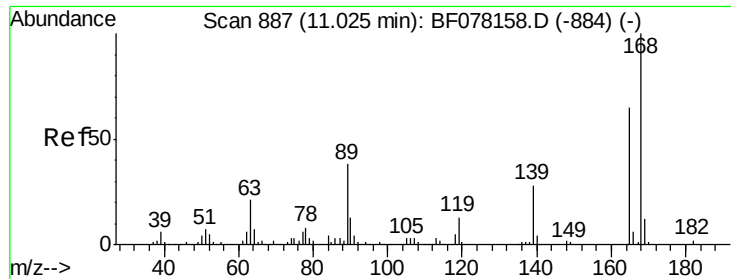
Acq: 1 Apr 2015 23:52

Tgt Ion:	139	Resp:	86721
Ion Ratio	Lower	Upper	
139	100		
109	61.1	36.7	76.7
65	82.5	49.9	89.9



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): BF0





#56

2,4-Dinitrotoluene

Concen: 43.98 ng

RT: 11.02 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF078170.D

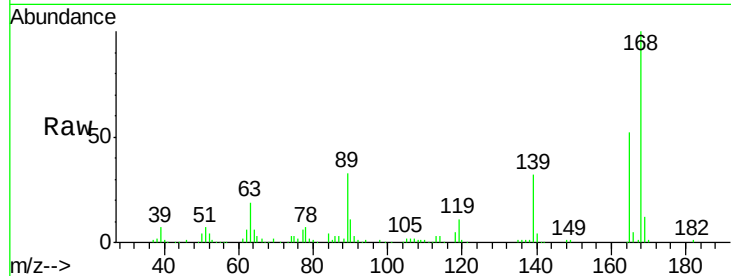
Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

ClientSampleId :

PB82441BSD



Tot Ion:165 Resp: 76042

Ion Ratio Lower Upper

165 100

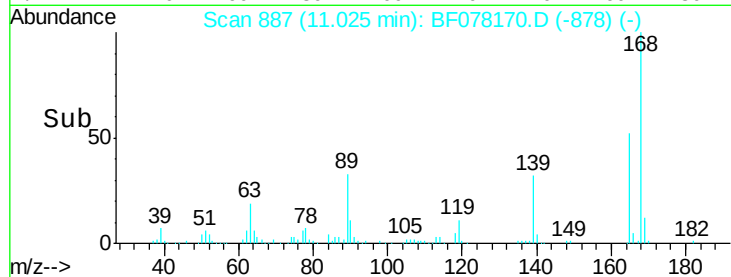
63 36.6 26.5 39.7

89 63.8 46.4 69.6

182 2.2 2.0 3.0

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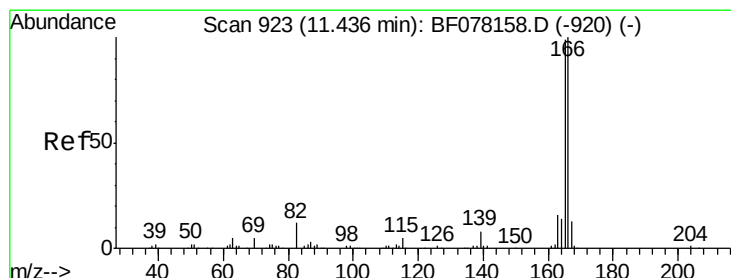
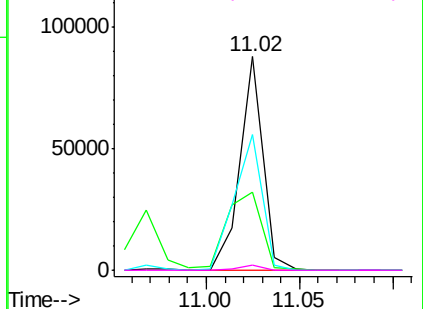


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

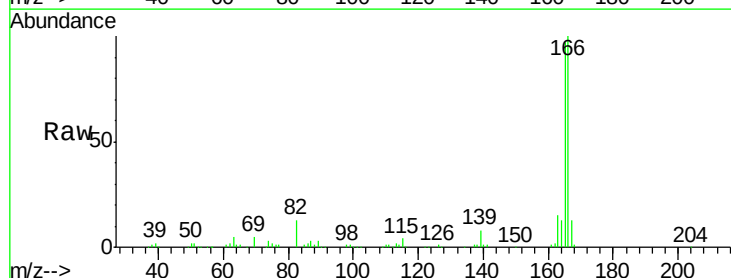
Concen: 40.61 ng

RT: 11.44 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52



Tgt Ion:166 Resp: 254067

Ion Ratio Lower Upper

166 100

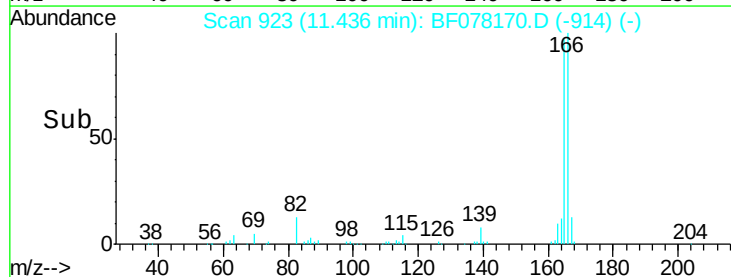
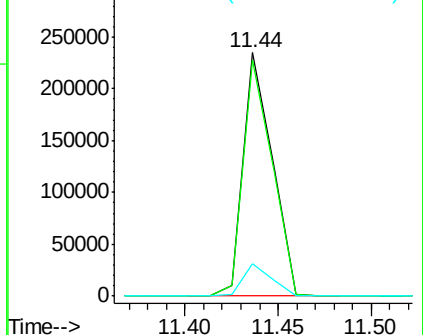
165 96.6 78.9 118.3

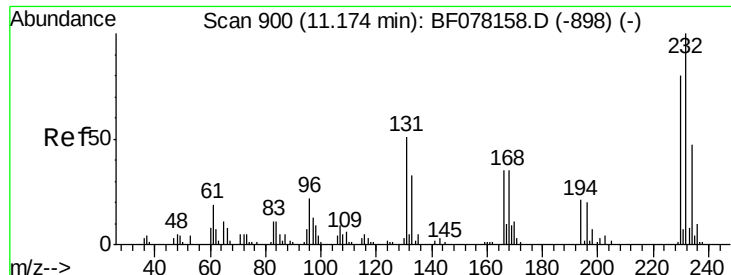
167 13.3 10.7 16.1

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





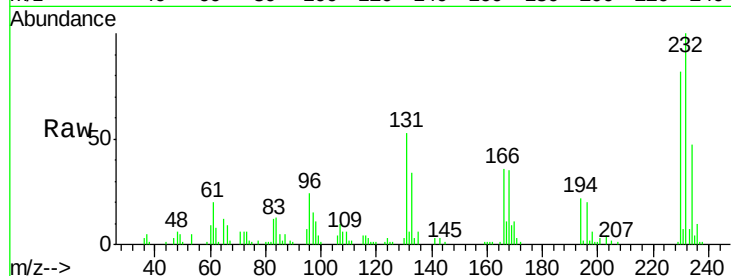
#58
2,3,4,6-Tetrachlorophenol
Concen: 41.39 ng
RT: 11.17 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

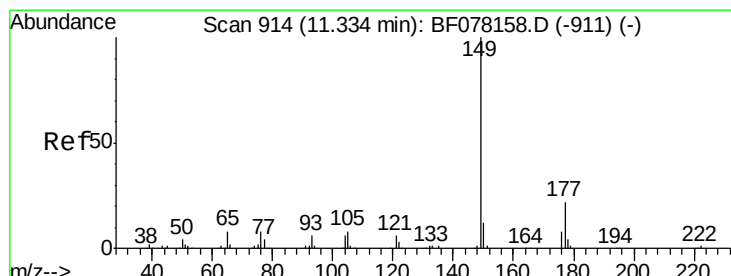
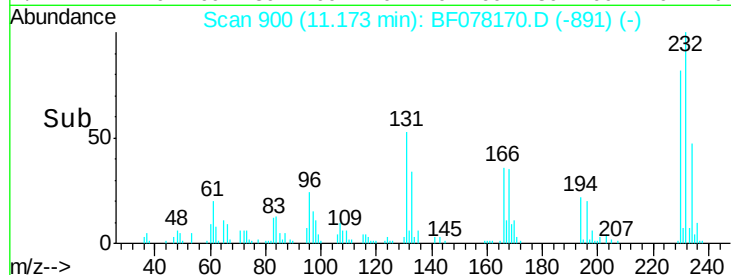
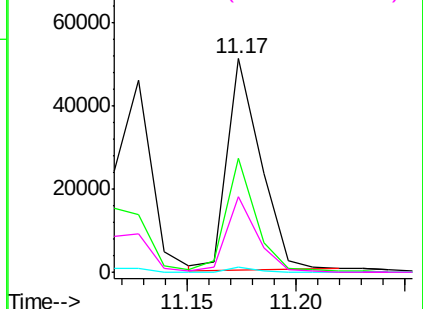
Tot Ion:	232	Resp:	54101
Ion Ratio	Lower	Upper	
232	100		
131	47.6	37.8	56.8
130	2.1	1.5	2.3
166	33.6	25.8	38.6

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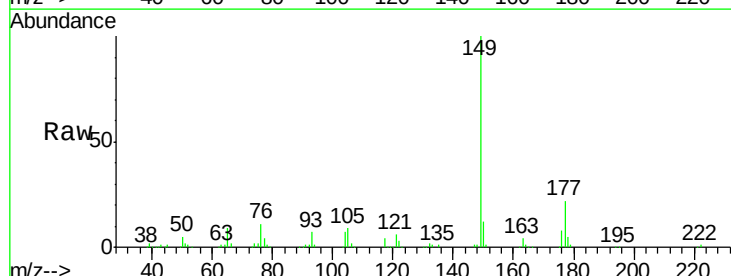


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

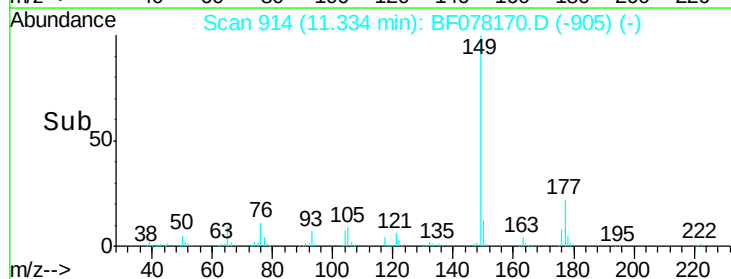
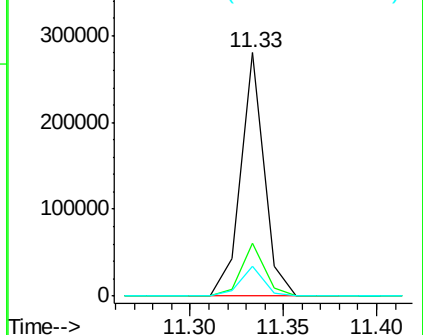


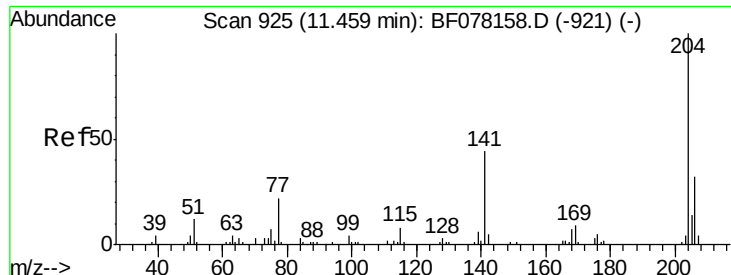
#59
Diethylphthalate
Concen: 39.26 ng
RT: 11.33 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion:	149	Resp:	245660
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.4	26.2
150	12.1	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





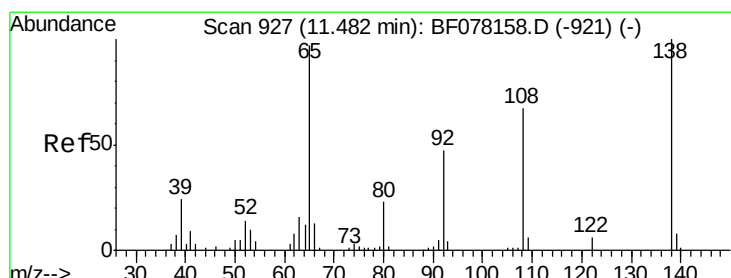
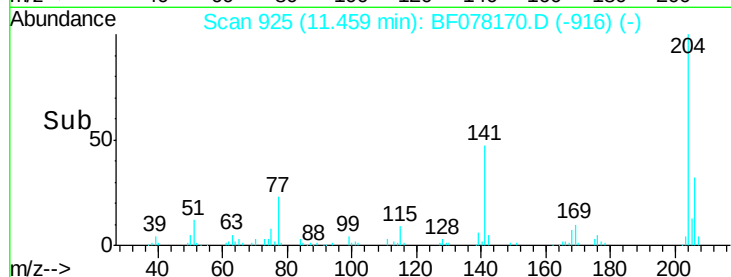
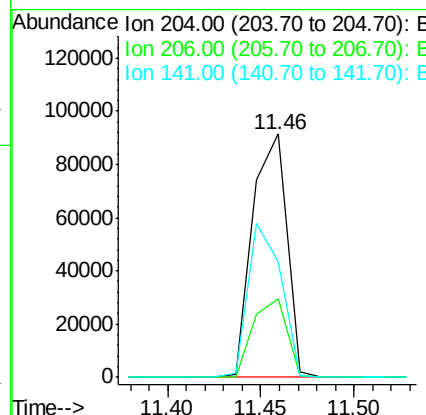
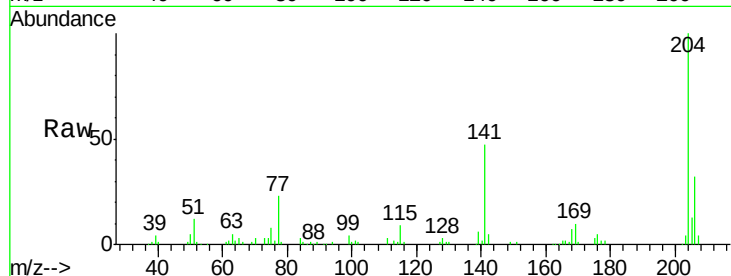
#60
4-Chlorophenyl-phenylether
Concen: 40.16 ng
RT: 11.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.6	38.4
141	47.4	35.4	53.0

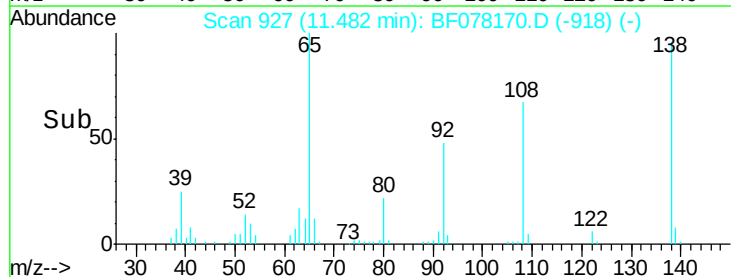
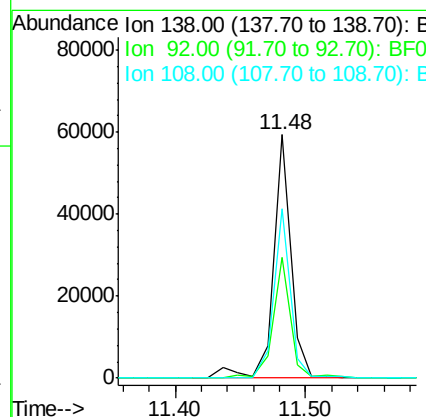
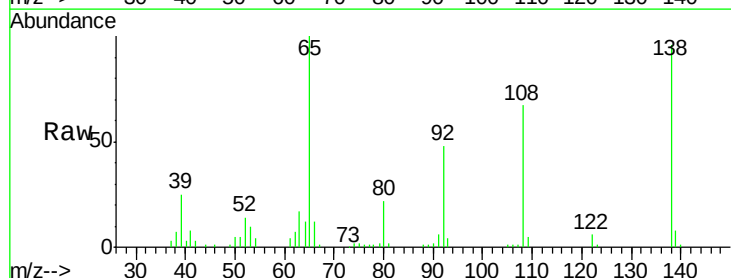
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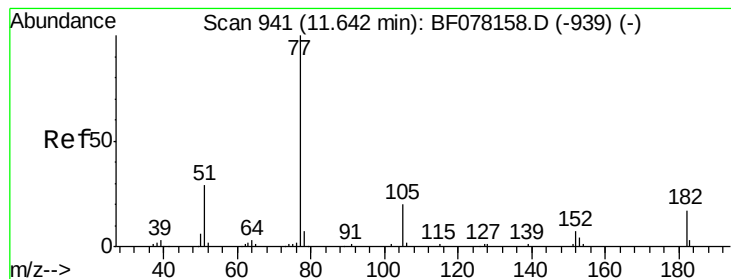
apatel
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#61
4-Nitroaniline
Concen: 36.80 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	27.3	67.3
108	69.5	47.2	87.2





#62

Azobenzene

Concen: 41.12 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

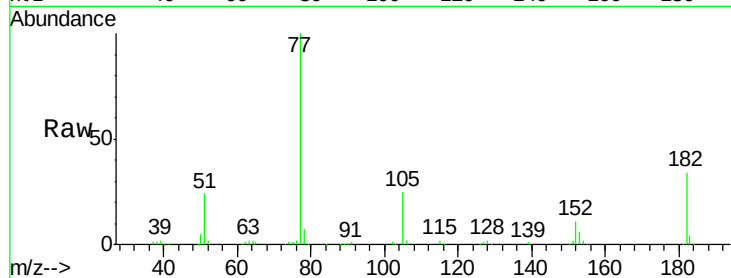
ClientSampleId :

PB82441BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	33.7	0.0	36.8		
105	24.8	0.3	40.3		
51	24.0	9.1	49.1		

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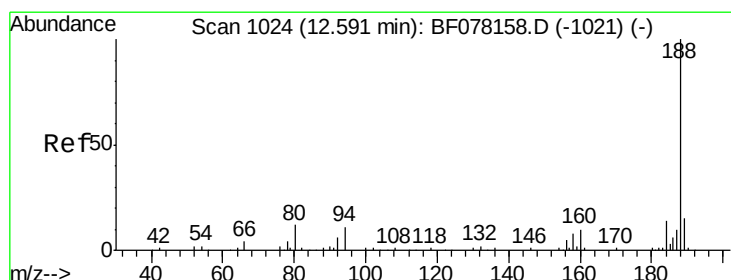
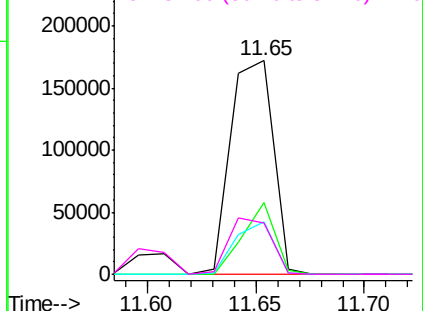
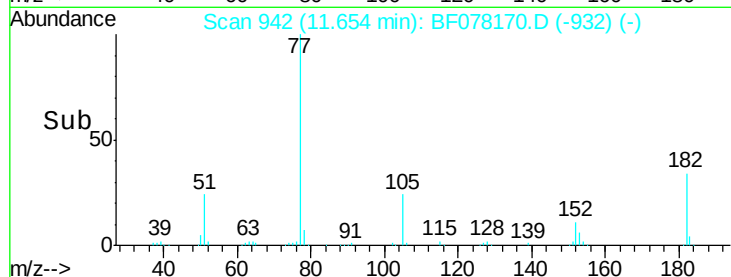


Abundance Ion 77.00 (76.70 to 77.70): BF078170.D (-932) (-)

Ion 182.00 (181.70 to 182.70): BF078170.D (-932) (-)

Ion 105.00 (104.70 to 105.70): BF078170.D (-932) (-)

Ion 51.00 (50.70 to 51.70): BF078170.D (-932) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

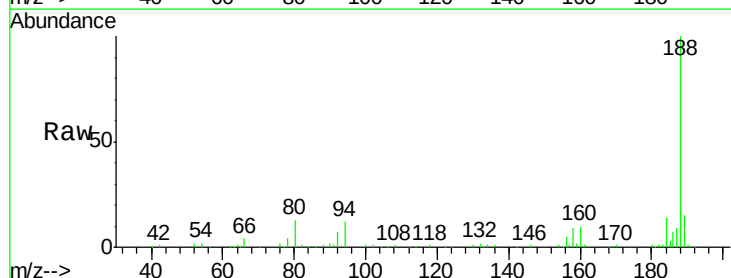
RT: 12.59 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

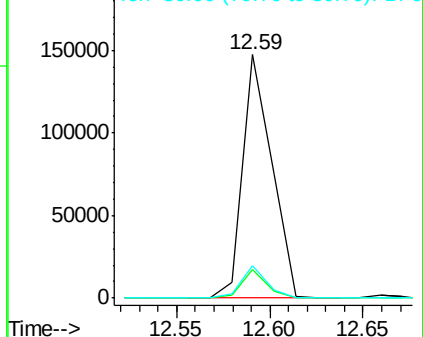
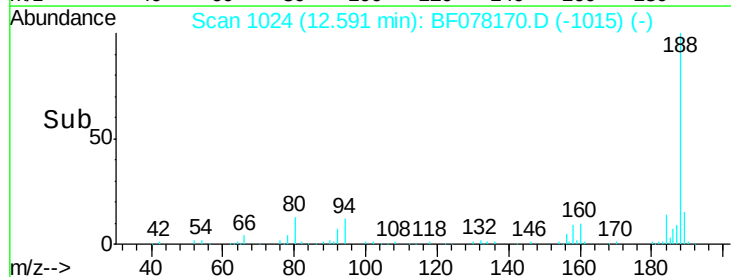
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.9	9.0	13.4		
80	13.2	9.5	14.3		

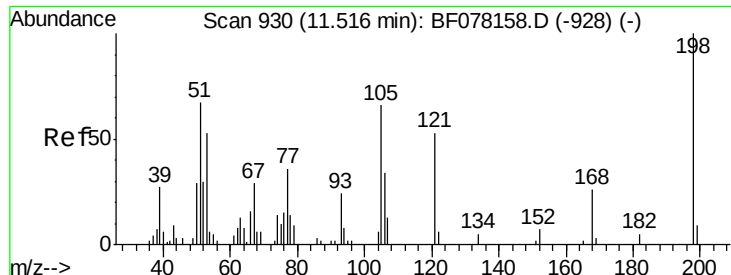


Abundance Ion 188.00 (187.70 to 188.70): BF078170.D (-1015) (-)

Ion 94.00 (93.70 to 94.70): BF078170.D (-1015) (-)

Ion 80.00 (79.70 to 80.70): BF078170.D (-1015) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 39.20 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

ClientSampleId :

PB82441BSD

Tot Ion:198 Resp: 29621

Ion Ratio Lower Upper

198 100

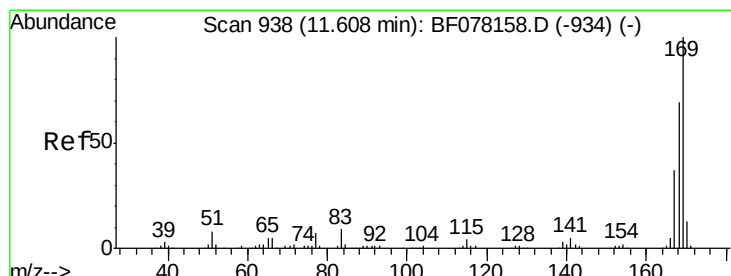
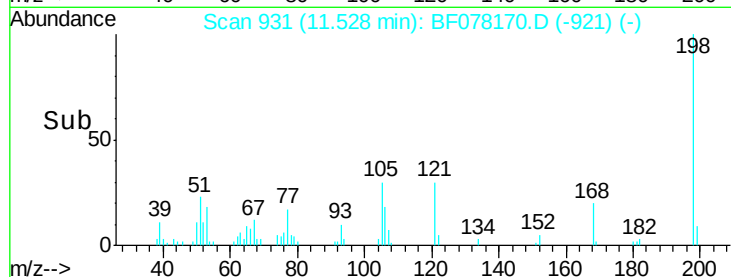
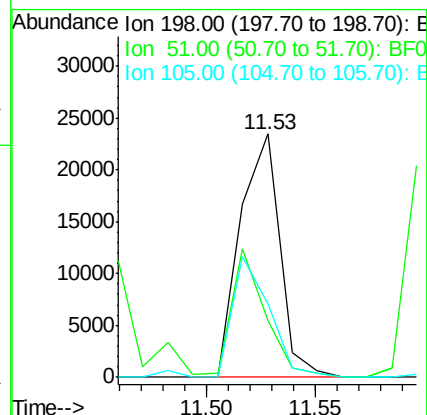
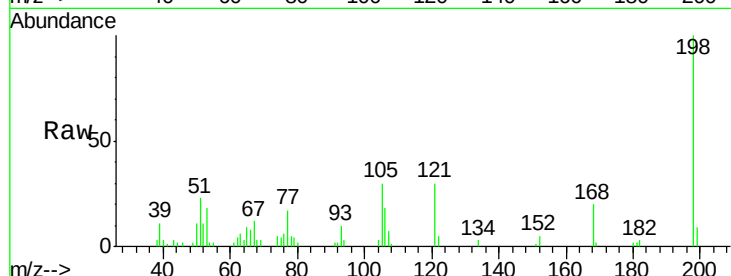
51 23.4 48.6 88.6#

105 29.9 45.8 85.8#

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#65

n-Nitrosodiphenylamine

Concen: 39.68 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

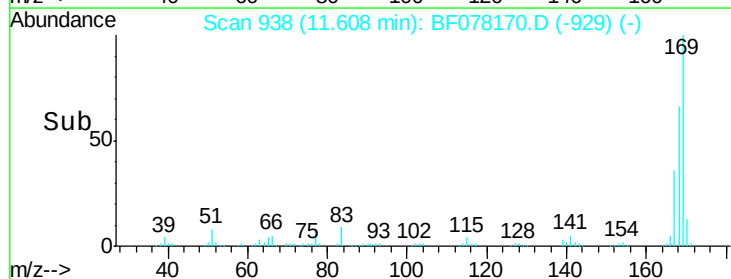
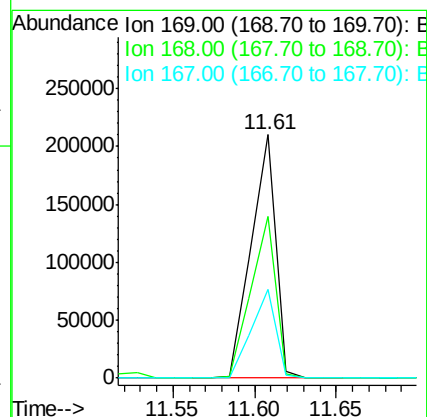
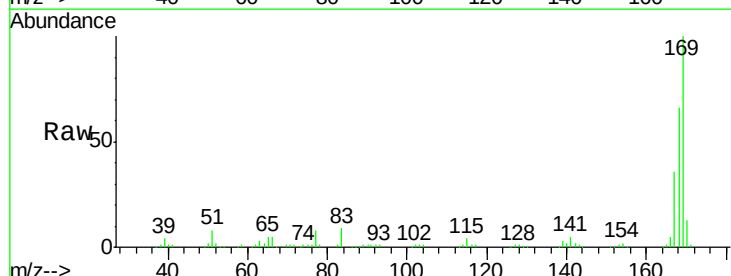
Tgt Ion:169 Resp: 219603

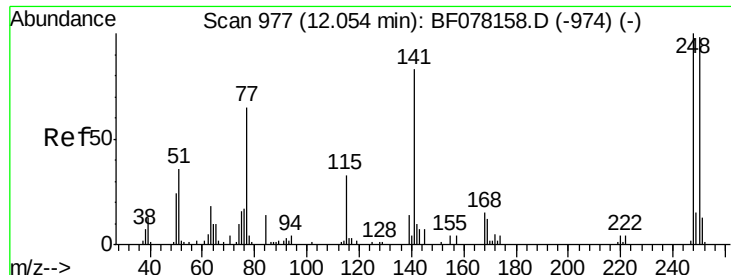
Ion Ratio Lower Upper

169 100

168 66.3 55.0 82.4

167 36.2 29.3 43.9





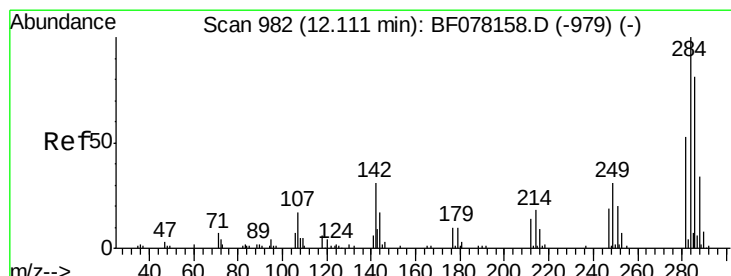
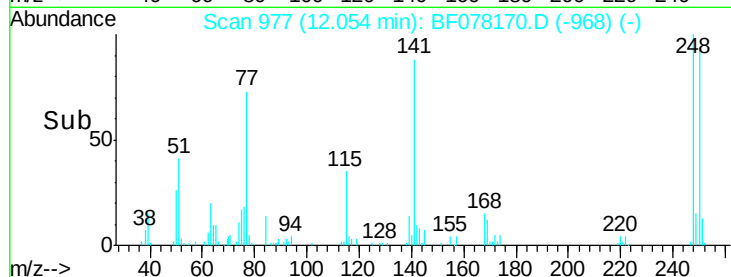
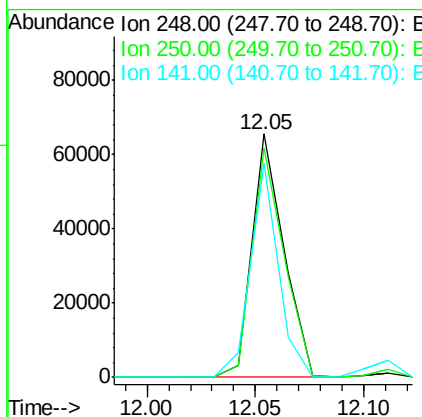
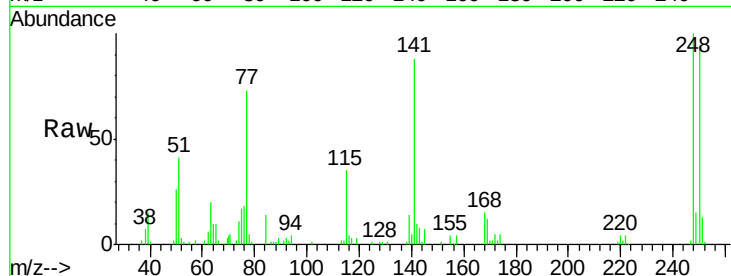
#66
4-Bromophenyl-phenylether
Concen: 39.29 ng
RT: 12.05 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	78.2	117.2
141	87.8	66.4	99.6

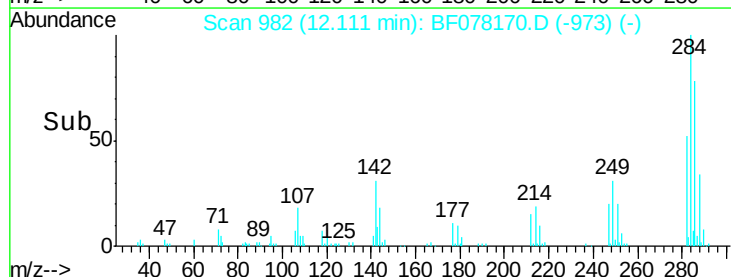
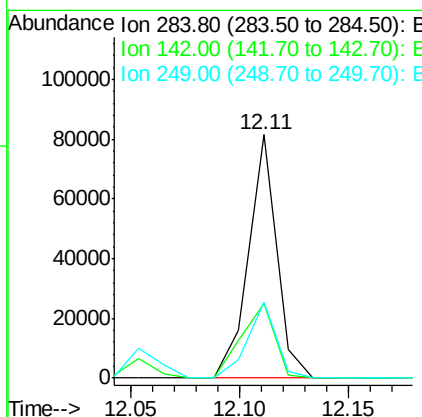
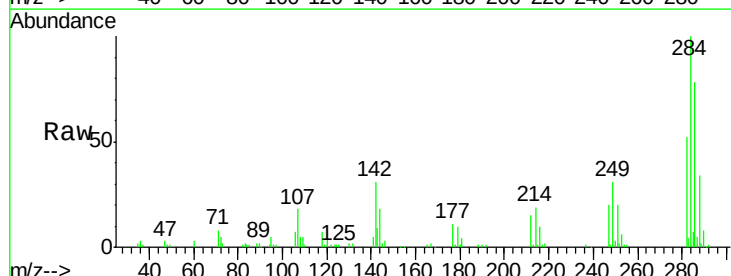
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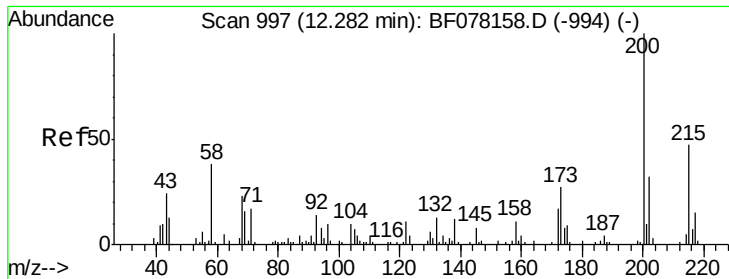
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#67
Hexachlorobenzene
Concen: 39.52 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	24.5	36.7
249	31.4	24.8	37.2





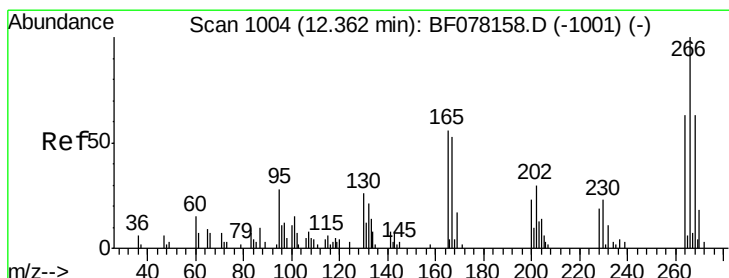
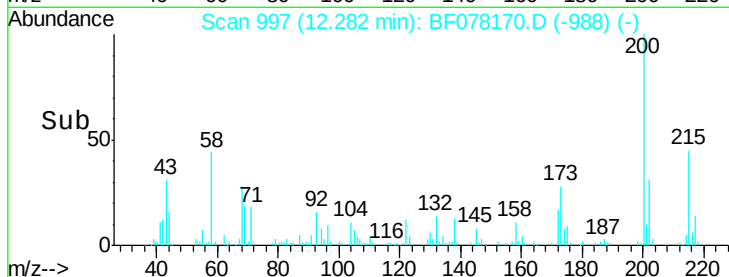
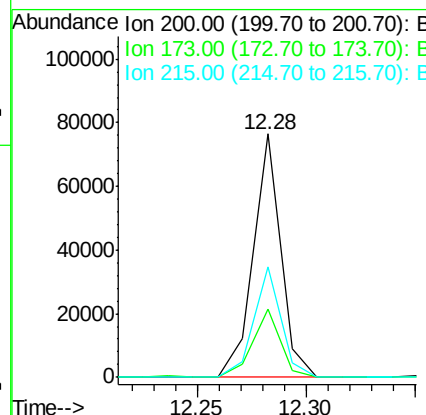
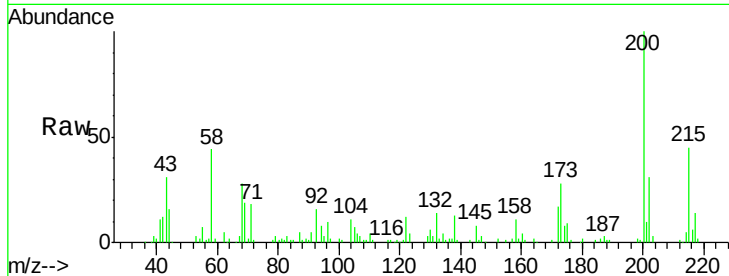
#68
 Atrazine
 Concen: 41.78 ng
 RT: 12.28 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleID :
 PB82441BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.9	46.9
215	45.3	27.1	67.1

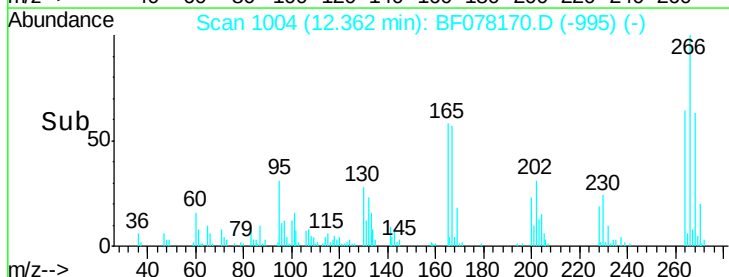
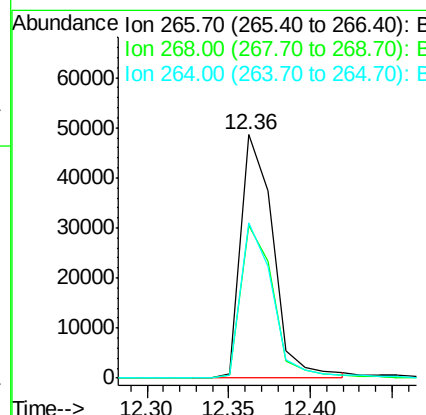
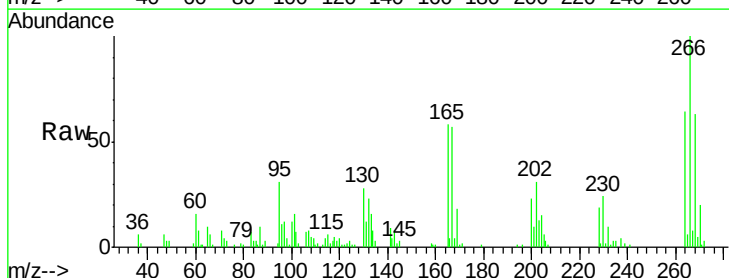
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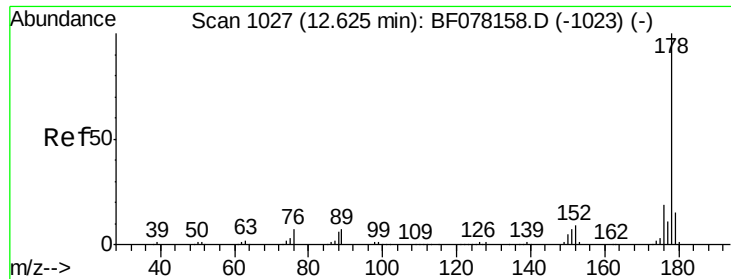
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#69
 Pentachlorophenol
 Concen: 80.62 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.1	75.1
264	63.8	50.0	75.0





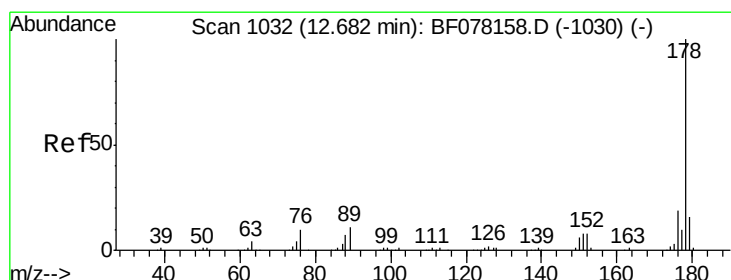
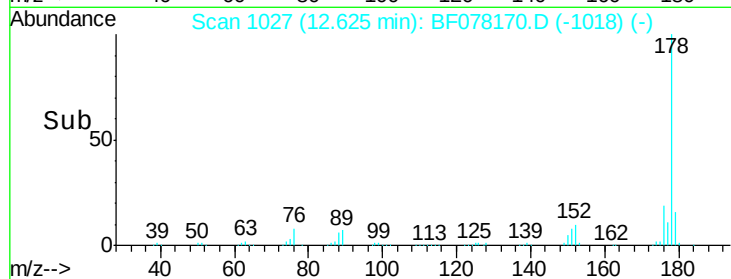
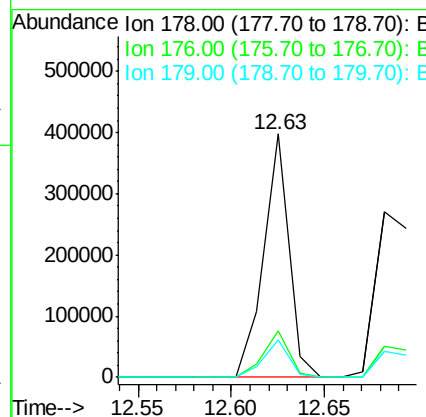
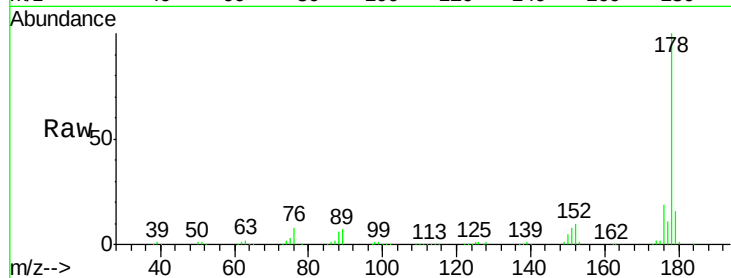
#70
Phenanthrene
Concen: 39.99 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.2	18.2

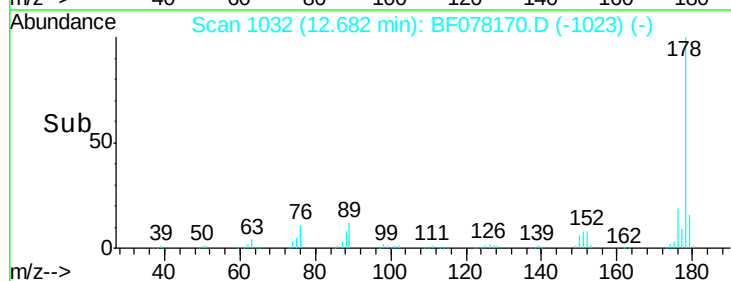
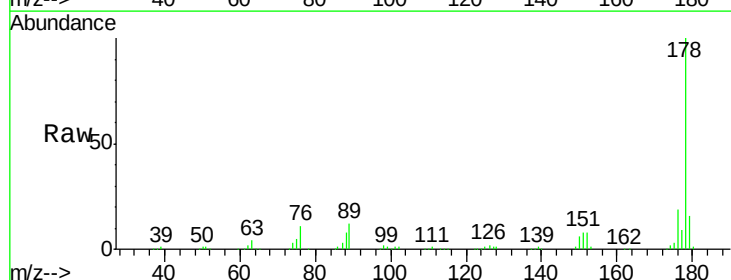
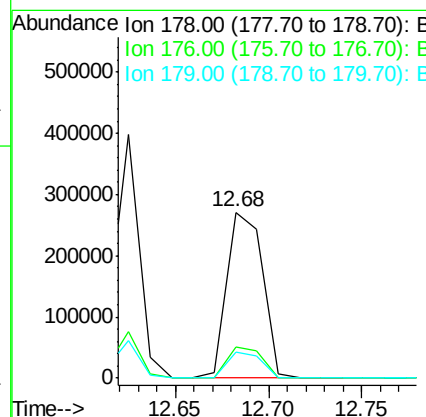
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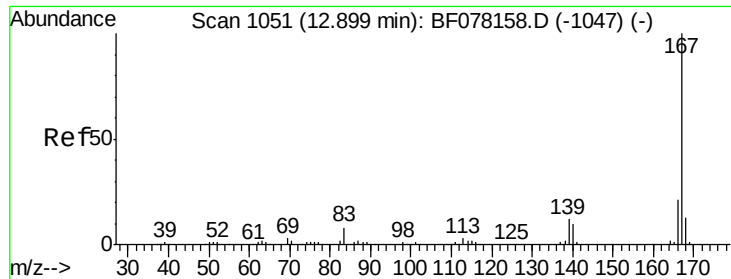
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#71
Anthracene
Concen: 39.79 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.9	12.4	18.6





#72

Carbazole

Concen: 41.35 ng

RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

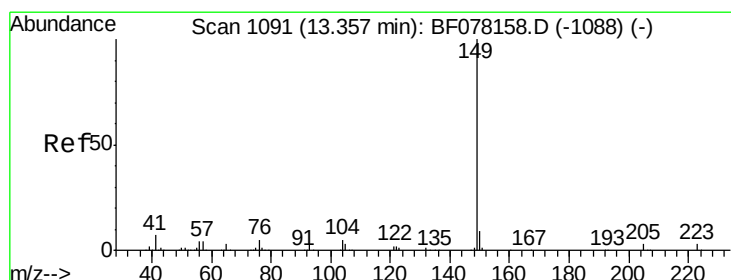
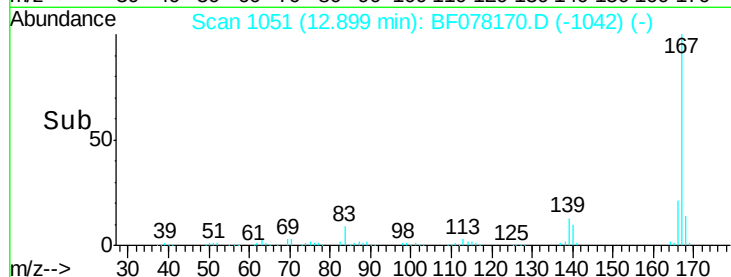
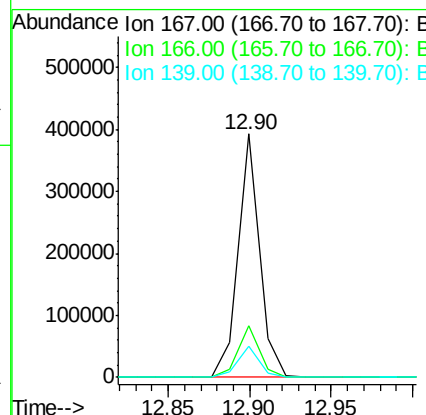
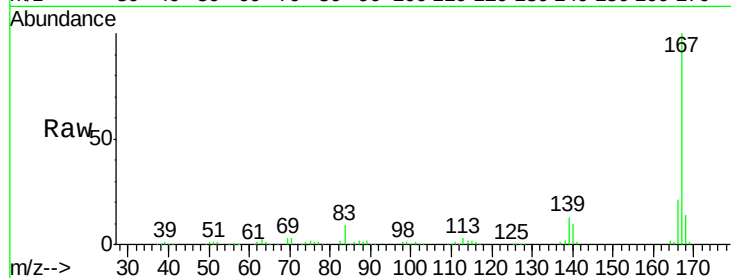
ClientSampleId :

PB82441BSD

Tot Ion:	167	Resp:	353415
Ion Ratio	Lower	Upper	
167	100		
166	21.5	16.8	25.2
139	13.0	10.0	15.0

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#73

Di-n-butylphthalate

Concen: 41.28 ng

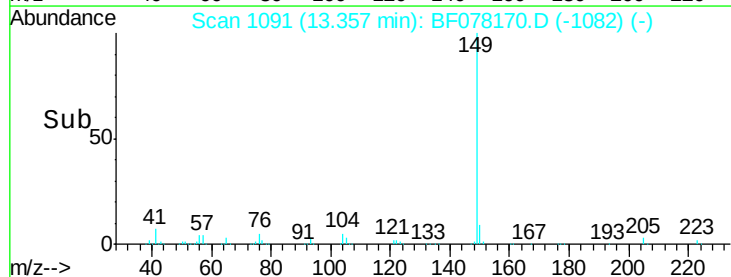
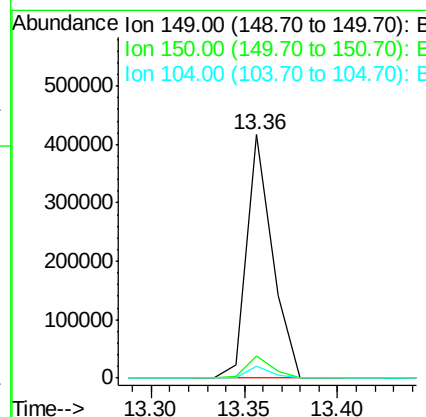
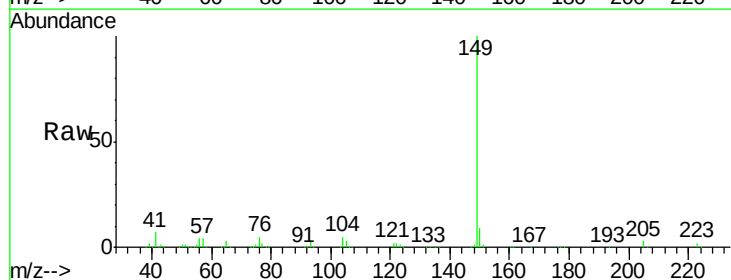
RT: 13.36 min Scan# 1091

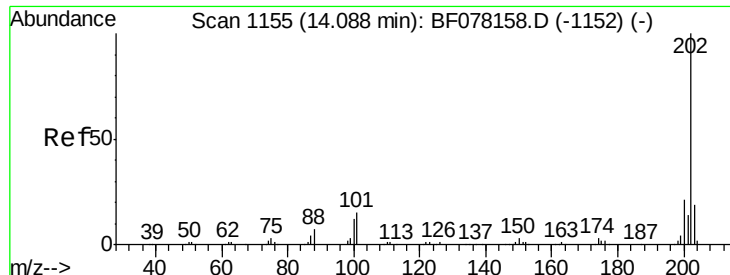
Delta R.T. -0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Tgt Ion:	149	Resp:	399719
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	5.0	3.8	5.6





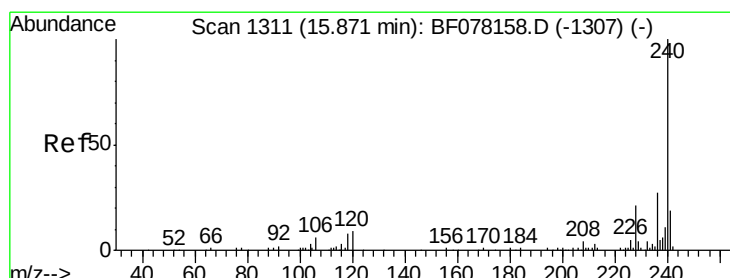
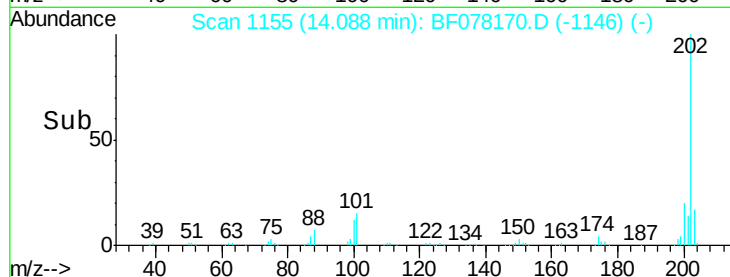
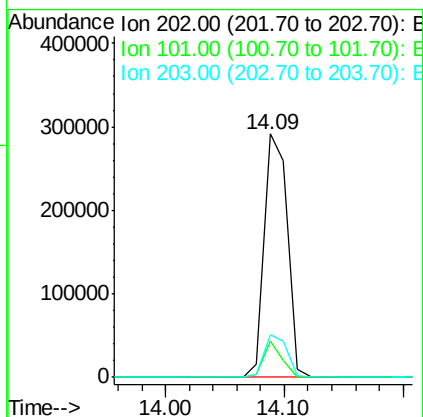
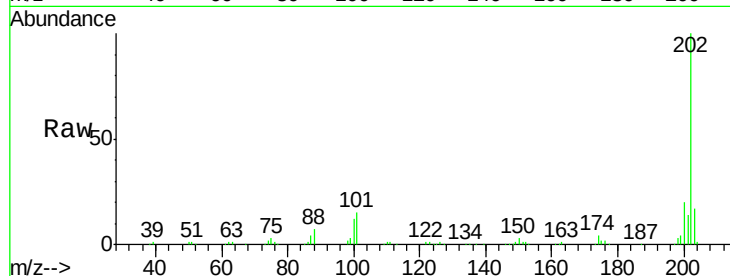
#74
Fluoranthene
Concen: 40.60 ng
RT: 14.09 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	0.0	35.2
203	17.4	0.0	38.5

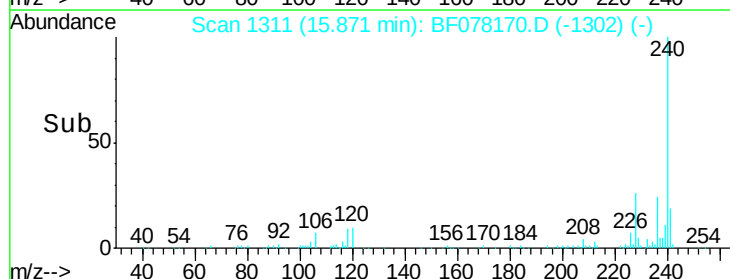
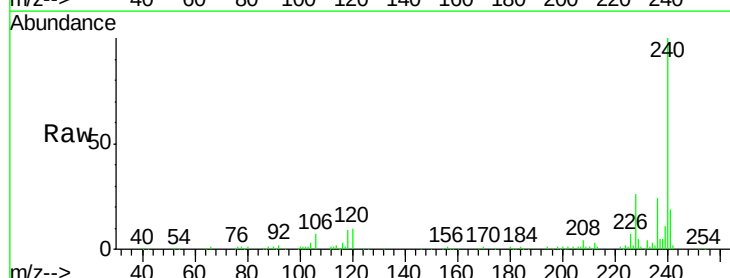
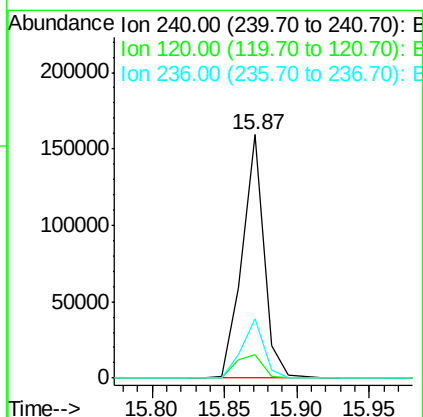
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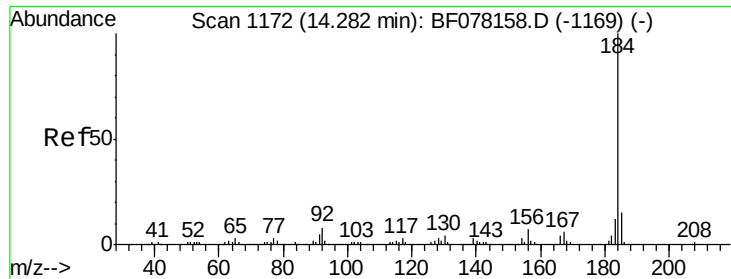
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	7.1	10.7
236	24.4	21.4	32.2





#76

Benzidine

Concen: 29.65 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078170.D

Acq: 1 Apr 2015 23:52

Instrument :

BNA_F

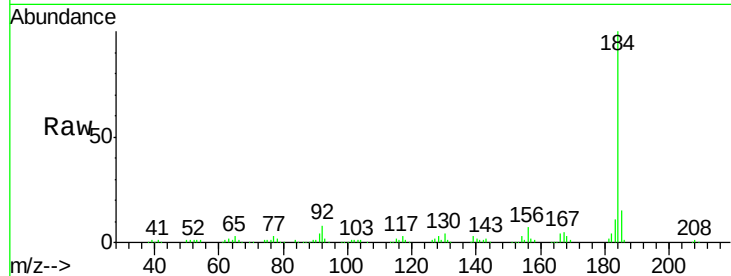
ClientSampleId :

PB82441BSD

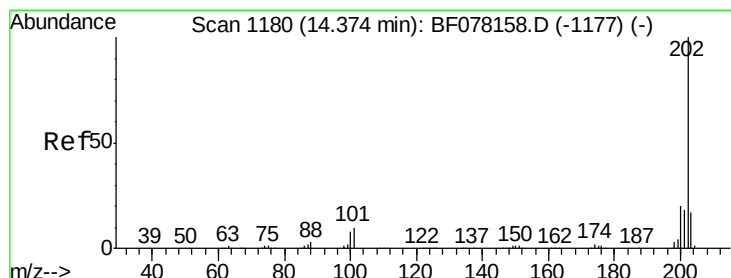
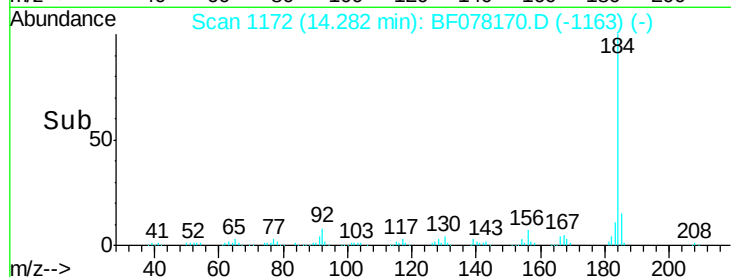
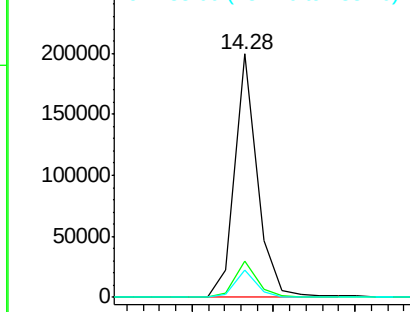
Tot Ion:	184	Resp:	191656
Ion Ratio		Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.3	9.5	14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 40.40 ng

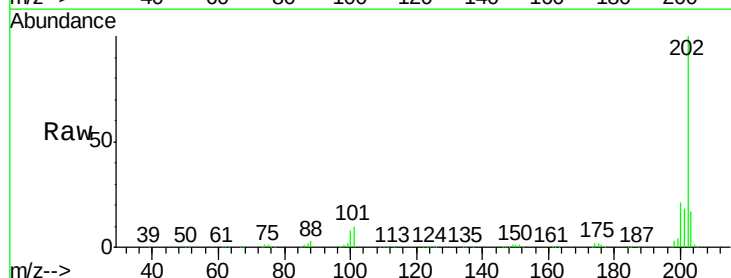
RT: 14.37 min Scan# 1180

Delta R.T. -0.00 min

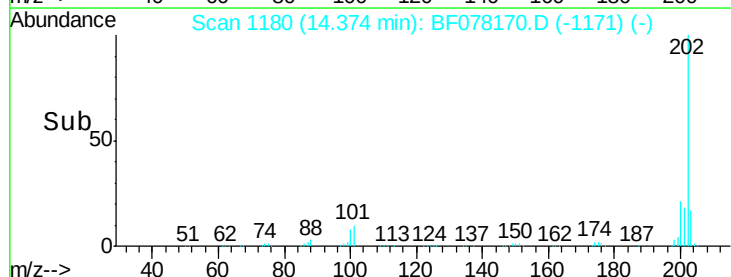
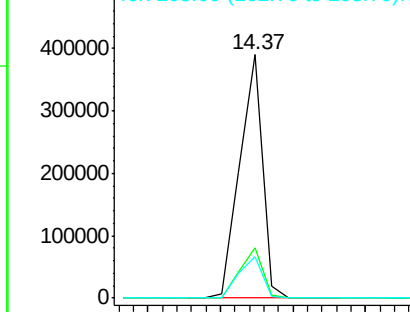
Lab File: BF078170.D

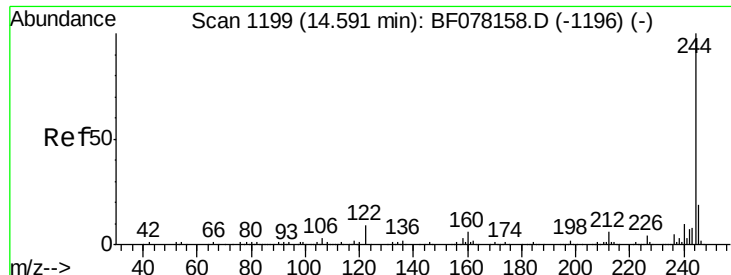
Acq: 1 Apr 2015 23:52

Tgt Ion:	202	Resp:	425828
Ion Ratio		Lower	Upper
202	100		
200	20.9	16.3	24.5
203	17.1	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





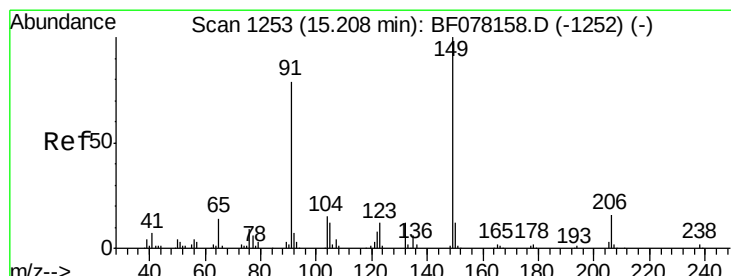
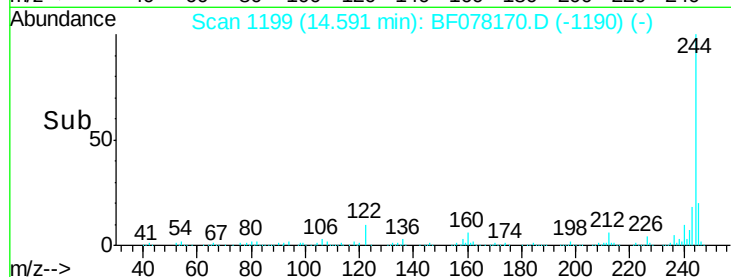
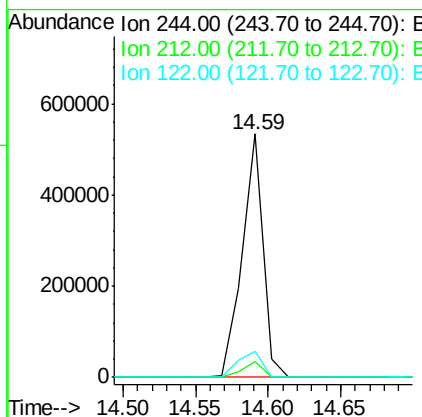
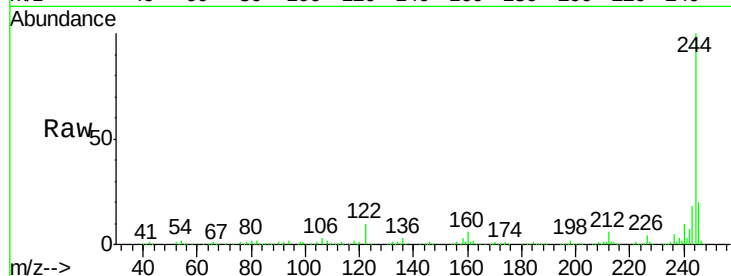
#78
 Terphenyl-d14
 Concen: 71.45 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.5	5.0	7.4	
122	10.5	7.1	10.7	

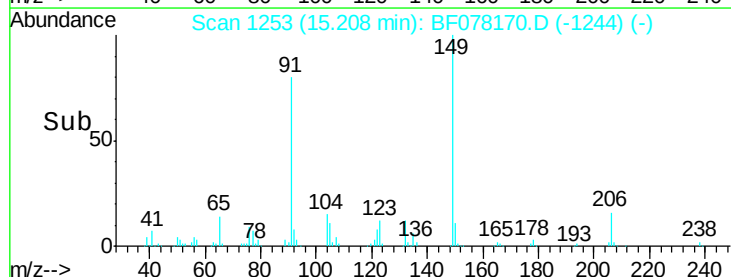
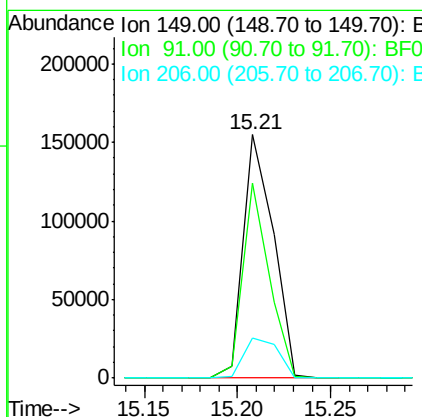
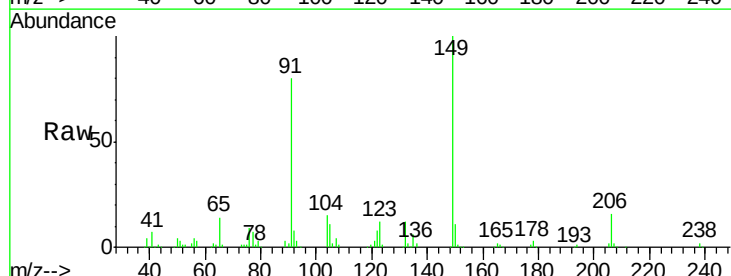
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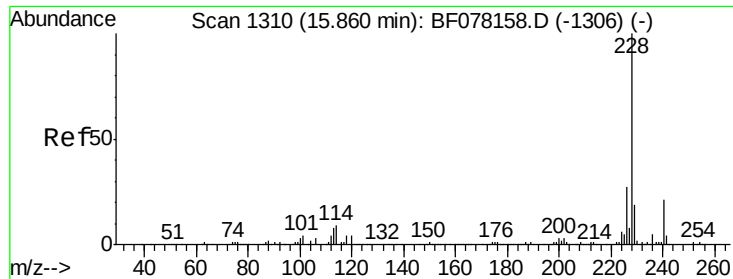
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#79
 Butylbenzylphthalate
 Concen: 43.78 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	79.8	64.2	96.2	
206	16.3	12.6	18.8	





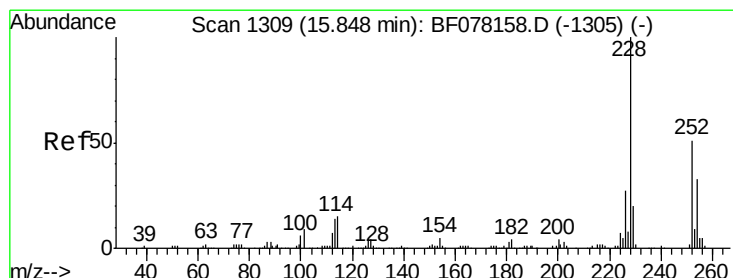
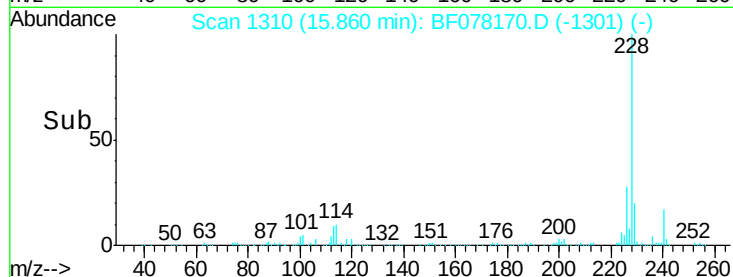
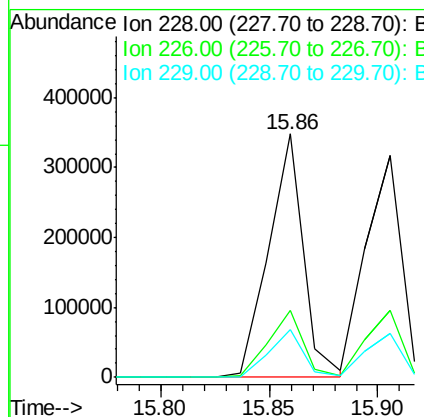
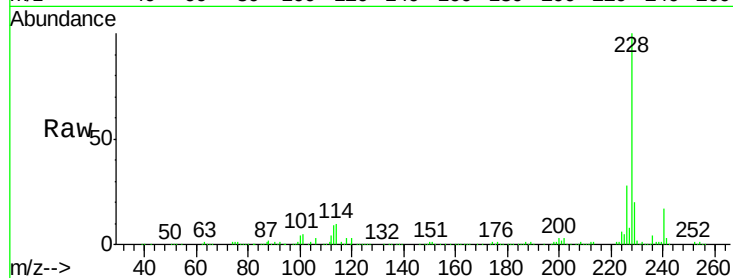
#80
Benzo(a)anthracene
Concen: 39.10 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	390551		
226	27.6	21.3	31.9	
229	19.8	15.4	23.2	

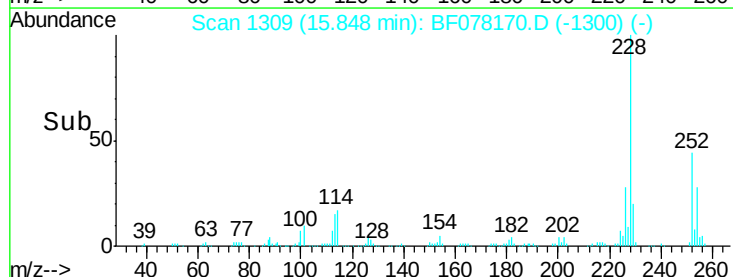
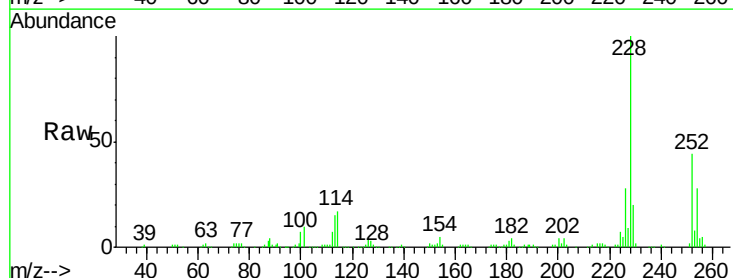
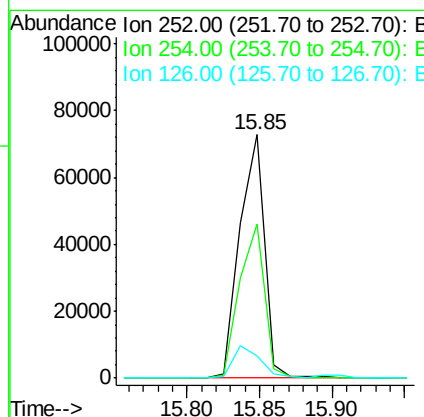
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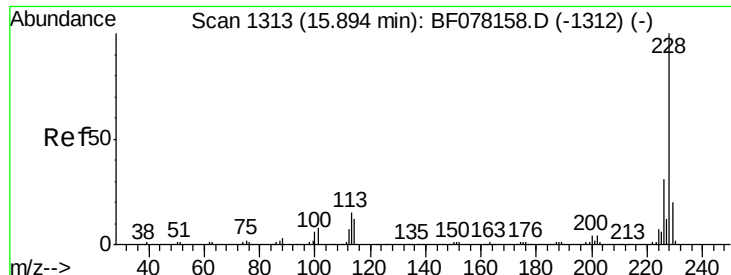
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#81
3,3'-Dichlorobenzidine
Concen: 25.76 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	86200		
254	63.3	51.2	76.8	
126	9.2	6.3	9.5	





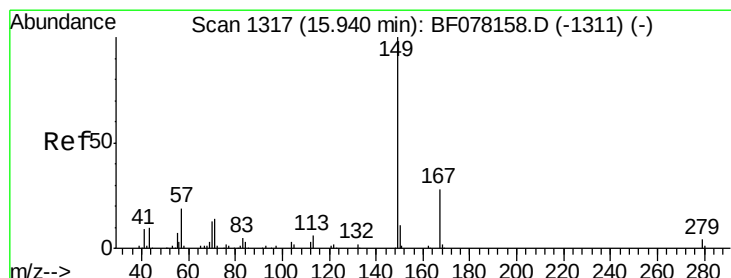
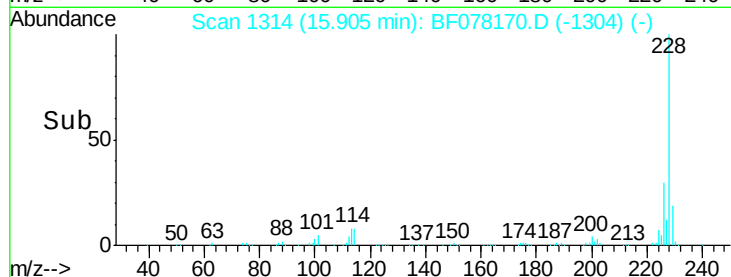
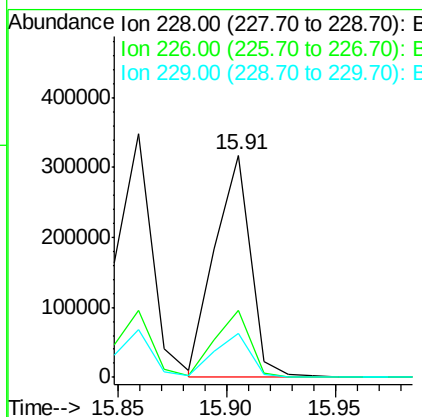
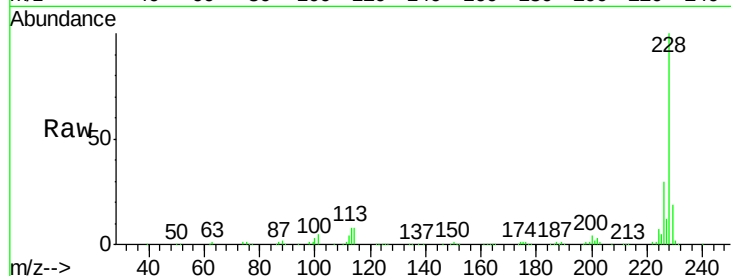
#82
 Chrysene
 Concen: 38.44 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BSD

Tot Ion:	228	Resp:	360785
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.4
229	19.5	15.8	23.8

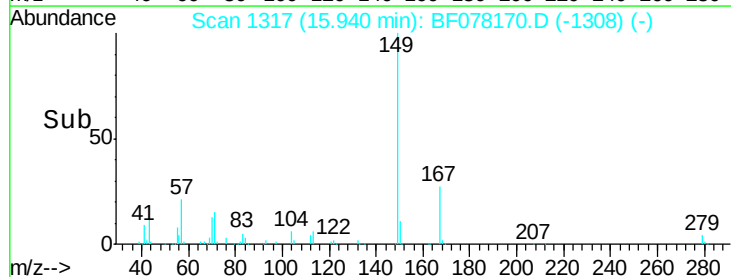
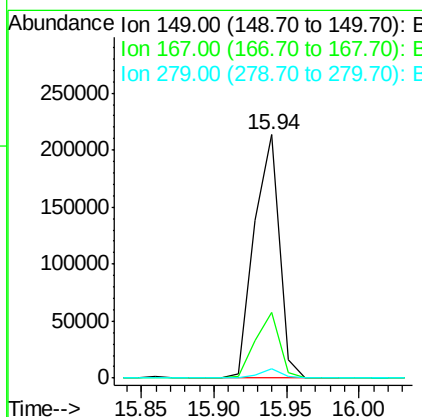
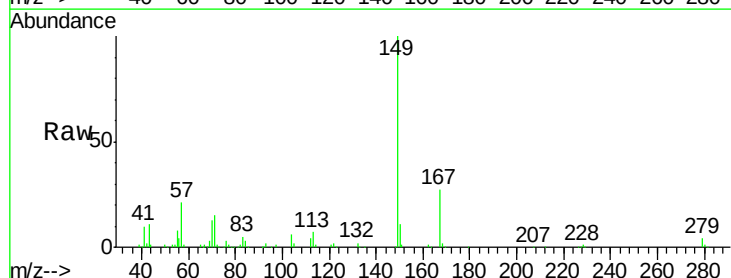
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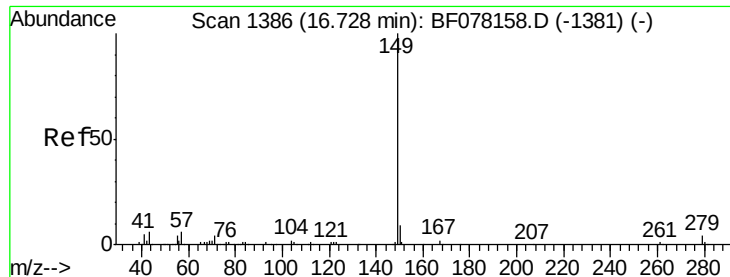
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.79 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF078170.D
 Acq: 1 Apr 2015 23:52

Tgt Ion:	149	Resp:	256974
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.2	33.2
279	3.9	3.2	4.8





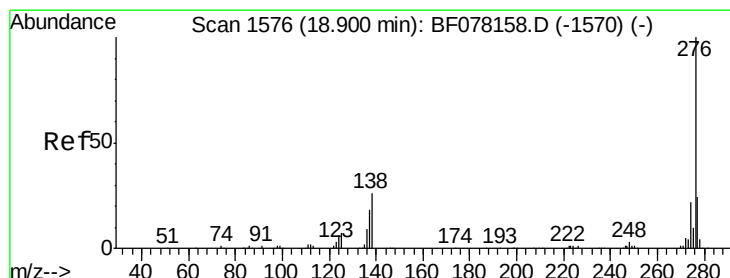
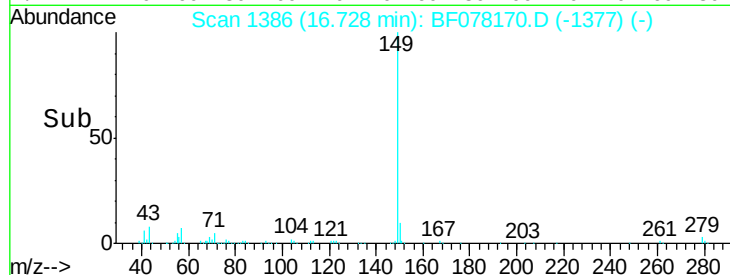
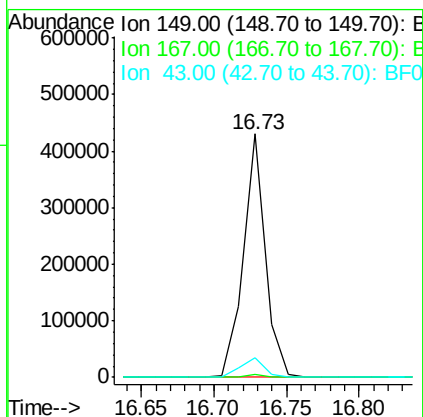
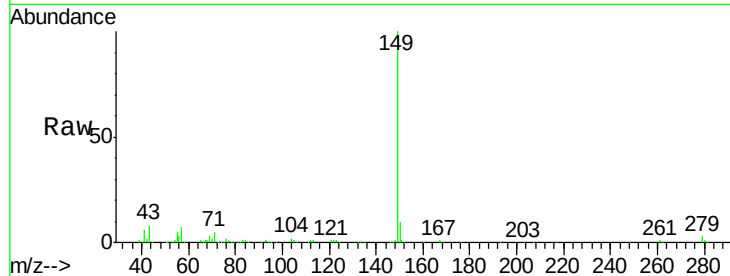
#84
Di-n-octyl phthalate
Concen: 43.75 ng
RT: 16.73 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	8.8	0.0	0.0#

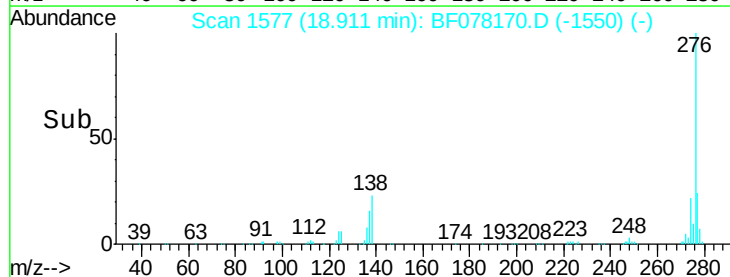
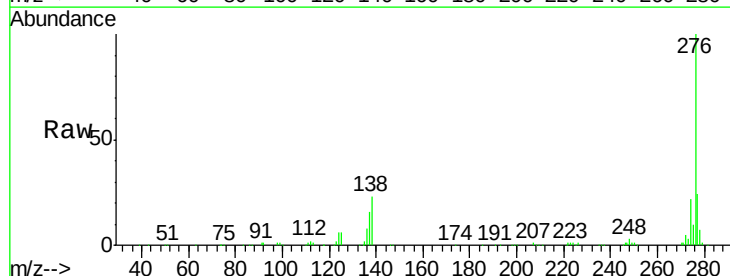
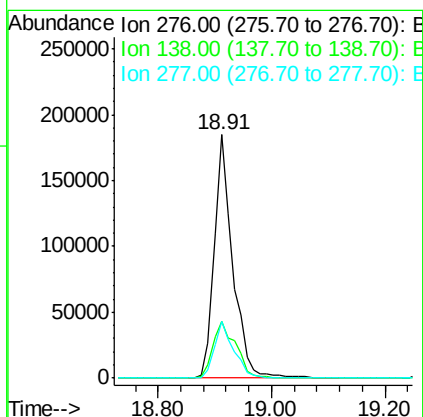
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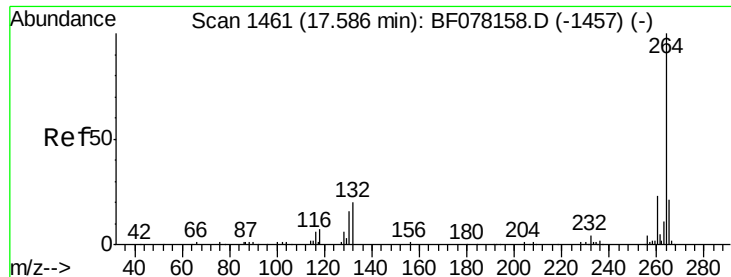
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#85
Indeno(1,2,3-cd)pyrene
Concen: 38.96 ng
RT: 18.91 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.2	16.9	25.3#
277	24.8	15.8	23.6#





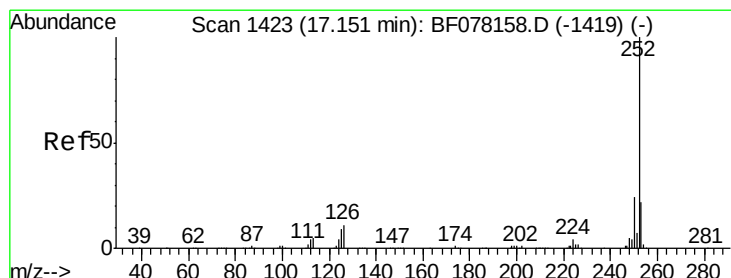
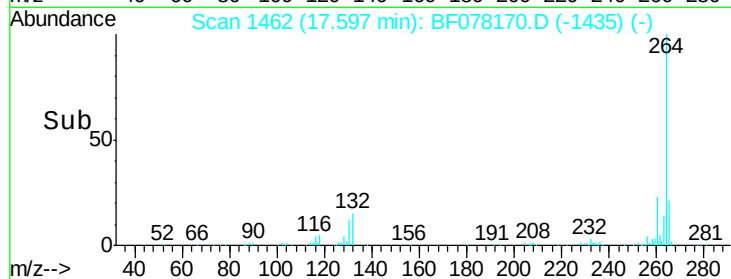
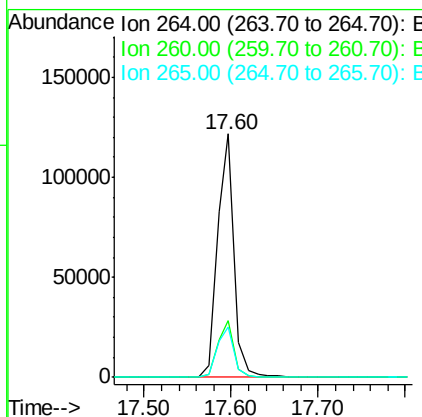
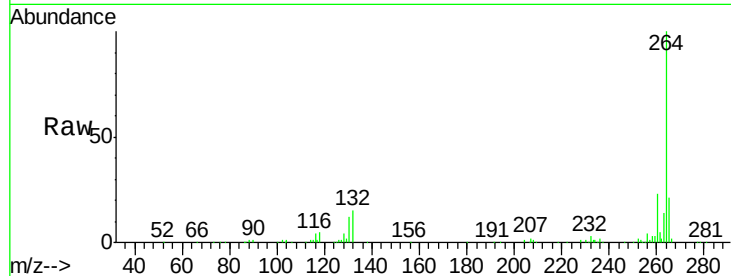
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

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

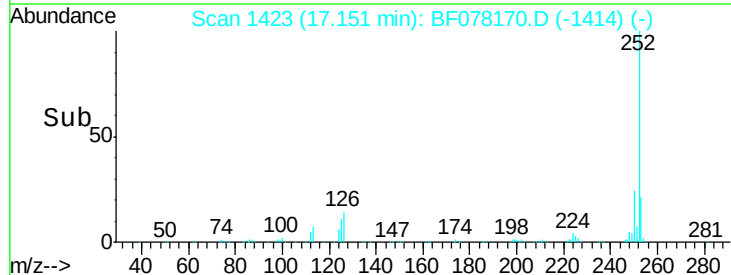
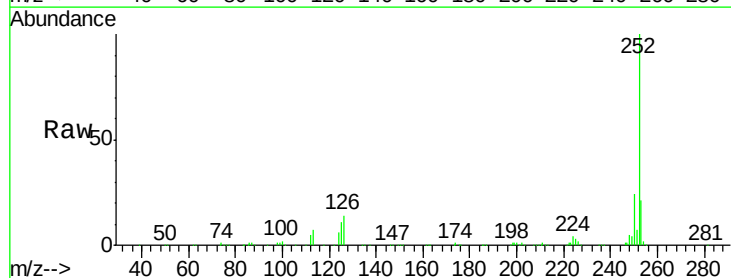
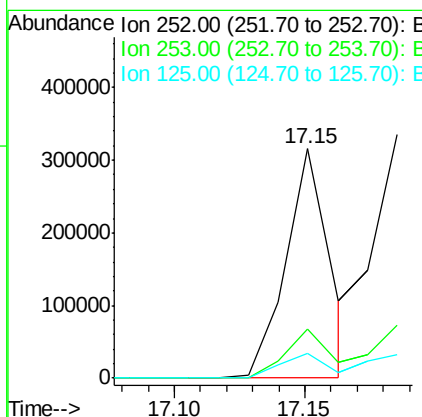
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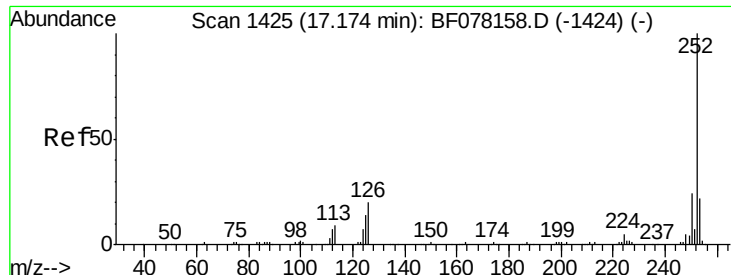
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#87
Benzo(b)fluoranthene
Concen: 36.28 ng
RT: 17.15 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.8	7.0	10.4





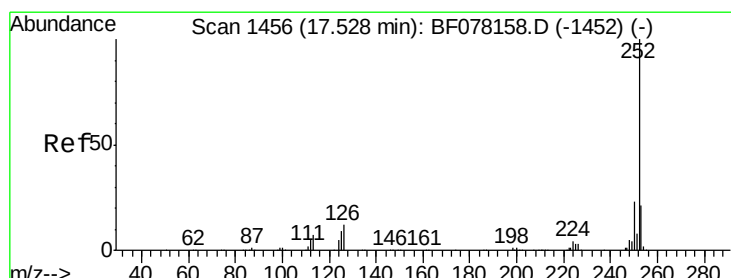
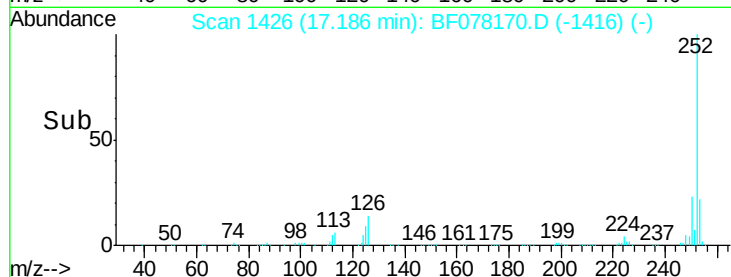
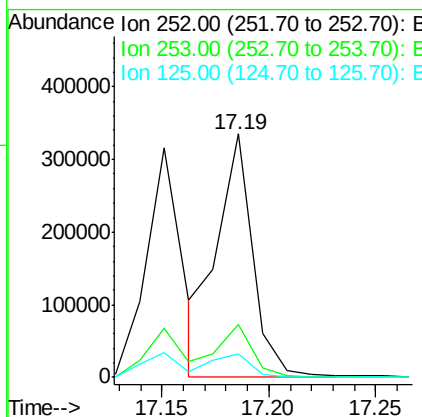
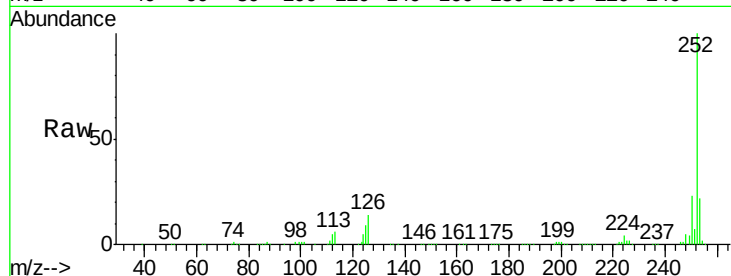
#88
Benzo(k)fluoranthene
Concen: 43.22 ng m
RT: 17.19 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.5	11.6	17.4#

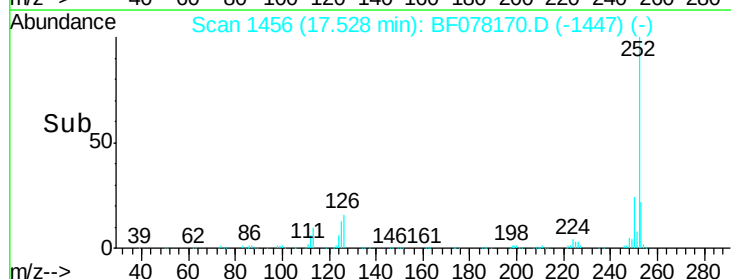
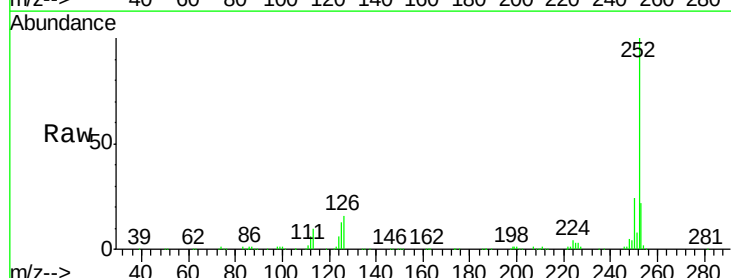
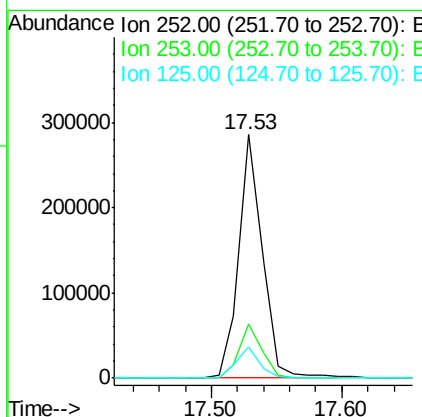
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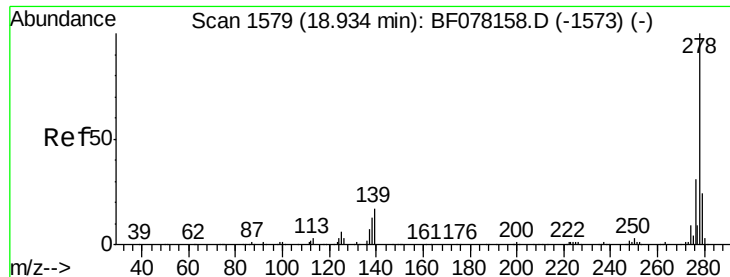
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#89
Benzo(a)pyrene
Concen: 41.00 ng
RT: 17.53 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	12.8	7.4	11.0#





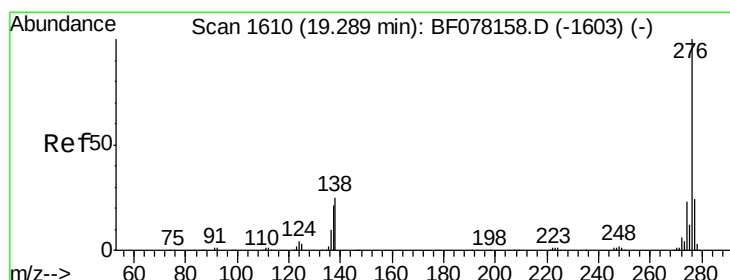
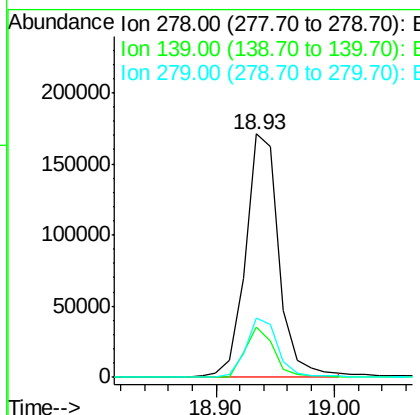
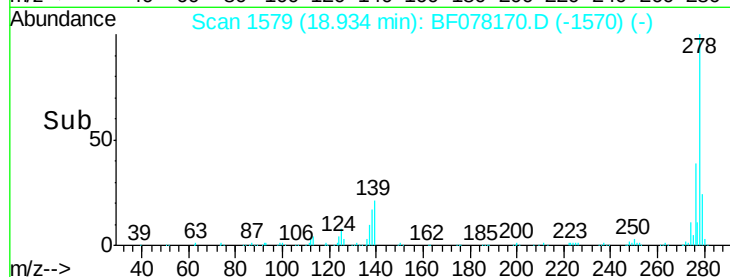
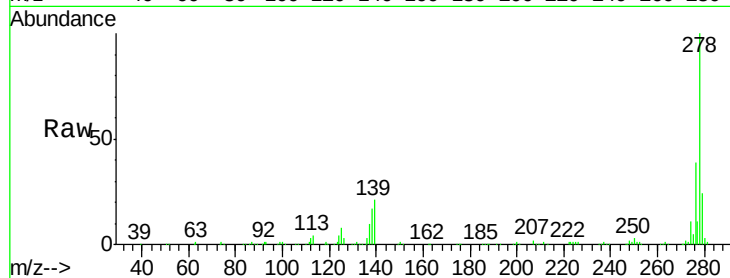
#90
Dibenzo(a,h)anthracene
Concen: 38.44 ng
RT: 18.93 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Instrument :
BNA_F
ClientSampleId :
PB82441BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.6	20.4
279	24.4	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 38.69 ng
RT: 19.30 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF078170.D
Acq: 1 Apr 2015 23:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	21.0	19.9	29.9

