

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078799.D
 Acq On : 29 Apr 2015 3:07
 Operator : TP/IZ
 Sample : PB82973BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

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 4/29/2015 3:53:38 PM

Quant Time: Apr 29 13:05:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	97122	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	384314	20.00	ng	0.00
38) Acenaphthene-d10	11.15	164	182752	20.00	ng	0.01
63) Phenanthrene-d10	12.99	188	344809	20.00	ng	0.00
75) Chrysene-d12	16.30	240	338083	20.00	ng	-0.01
86) Perylene-d12	18.02	264	319744	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	697945	131.99	ng	0.01
7) Phenol-d6	6.94	99	899925	127.43	ng	0.00
23) Nitrobenzene-d5	8.08	82	456306	85.49	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	234374	129.04	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1092707	81.88	ng	0.00
78) Terphenyl-d14	14.99	244	1170575	82.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	90398	37.26	ng	# 19
3) Pyridine	3.18	79	259243	36.18	ng	100
4) n-Nitrosodimethylamine	3.08	42	134914m	41.91	ng	
6) Aniline	6.98	93	208052	20.17	ng	99
8) 2-Chlorophenol	7.12	128	264934	43.59	ng	98
9) Benzaldehyde	6.84	77	17724	3.48	ng	94
10) Phenol	6.95	94	321080	38.46	ng	90
11) bis(2-Chloroethyl)ether	7.07	93	254007	41.14	ng	98
12) 1,3-Dichlorobenzene	7.31	146	275493	39.04	ng	98
13) 1,4-Dichlorobenzene	7.42	146	285339	39.49	ng	100
14) 1,2-Dichlorobenzene	7.60	146	279189	41.35	ng	100
15) Benzyl Alcohol	7.56	79	223439	42.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.75	45	415263	43.03	ng	99
17) 2-Methylphenol	7.70	107	216792	44.06	ng	97
18) Hexachloroethane	8.02	117	97104	40.69	ng	96
19) n-Nitroso-di-n-propylamine	7.91	70	197065	39.99	ng	# 84
20) 3+4-Methylphenols	7.90	107	283527	44.23	ng	96
22) Acetophenone	7.90	105	387285	45.49	ng	97
24) Nitrobenzene	8.10	77	256705	44.91	ng	99
25) Isophorone	8.40	82	502971	41.68	ng	99
26) 2-Nitrophenol	8.50	139	77300	47.03	ng	98
27) 2,4-Dimethylphenol	8.55	122	236824	44.24	ng	98
28) bis(2-Chloroethoxy)methane	8.68	93	324072	43.49	ng	100
29) 2,4-Dichlorophenol	8.79	162	216283	47.27	ng	97
30) 1,2,4-Trichlorobenzene	8.90	180	224528	42.73	ng	97
31) Naphthalene	8.99	128	758232	41.57	ng	100
32) Benzoic acid	8.65	122	89915	55.35	ng	91
33) 4-Chloroaniline	9.06	127	154797	20.16	ng	100
34) Hexachlorobutadiene	9.15	225	121637	41.03	ng	95
35) Caprolactam	9.48	113	65061	44.66	ng	91
36) 4-Chloro-3-methylphenol	9.66	107	221481	46.10	ng	93
37) 2-Methylnaphthalene	9.85	142	521841	42.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	206190	39.82	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	211088	96.98	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	135629	42.99	nq	98
43) 2,4,5-Trichlorophenol	10.24	196	147028	43.78	nq #	88
45) 1,1'-Biphenyl	10.43	154	615152	41.94	nq	99
46) 2-Chloronaphthalene	10.46	162	473794	41.34	nq	100
47) 2-Nitroaniline	10.58	65	121354	48.48	nq	94
48) Acenaphthylene	10.97	152	768658	40.98	nq	100
49) Dimethylphthalate	10.82	163	553476	42.60	nq	99
50) 2,6-Dinitrotoluene	10.89	165	97533	46.08	nq	92
51) Acenaphthene	11.19	154	476581	43.27	nq	99
52) 3-Nitroaniline	11.10	138	76147	27.73	nq	91
53) 2,4-Dinitrophenol	11.22	184	36750	109.71	nq #	75
54) Dibenzofuran	11.40	168	697182	43.14	nq	98
55) 4-Nitrophenol	11.29	139	178821	81.06	nq #	71
56) 2,4-Dinitrotoluene	11.39	165	129504	50.15	nq #	66
57) Fluorene	11.83	166	538633	41.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	117429	46.70	nq #	100
59) Diethylphthalate	11.70	149	565800	43.76	nq	98
60) 4-Chlorophenyl-phenylether	11.84	204	254975	44.36	nq	99
61) 4-Nitroaniline	11.85	138	121520	43.56	nq	96
62) Azobenzene	12.03	77	612369	46.45	nq	98
64) 4,6-Dinitro-2-methylphenol	11.88	198	31439	53.30	nq	82
65) n-Nitrosodiphenylamine	11.99	169	483488	43.37	nq	99
66) 4-Bromophenyl-phenylether	12.45	248	152623	43.85	nq	94
67) Hexachlorobenzene	12.50	284	169151	42.90	nq	96
68) Atrazine	12.65	200	141502	47.39	nq	98
69) Pentachlorophenol	12.75	266	180922	85.58	nq	96
70) Phenanthrene	13.03	178	810183	43.40	nq	100
71) Anthracene	13.09	178	808943	44.32	nq	100
72) Carbazole	13.29	167	799602	46.39	nq	99
73) Di-n-butylphthalate	13.74	149	870491	43.60	nq	100
74) Fluoranthene	14.50	202	834826	44.84	nq	98
76) Benzidine	14.69	184	282312	25.80	nq	99
77) Pyrene	14.79	202	886566	44.88	nq	99
79) Butylbenzylphthalate	15.61	149	363952	48.05	nq	97
80) Benzo(a)anthracene	16.29	228	806463	44.46	nq	99
81) 3,3'-Dichlorobenzidine	16.25	252	157539	25.52	nq #	97
82) Chrysene	16.32	228	771655	43.64	nq	100
83) Bis(2-ethylhexyl)phthalate	16.33	149	565961	46.55	nq	99
84) Di-n-octyl phthalate	17.12	149	912228	46.48	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.54	276	880625	43.90	nq #	100
87) Benzo(b)fluoranthene	17.57	252	881411	50.93	nq	99
88) Benzo(k)fluoranthene	17.60	252	660763m	39.40	nq	
89) Benzo(a)pyrene	17.95	252	750664	48.47	nq #	97
90) Dibenzo(a,h)anthracene	19.58	278	713616	44.49	nq	99
91) Benzo(g,h,i)perylene	20.00	276	735532	45.69	nq	99

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

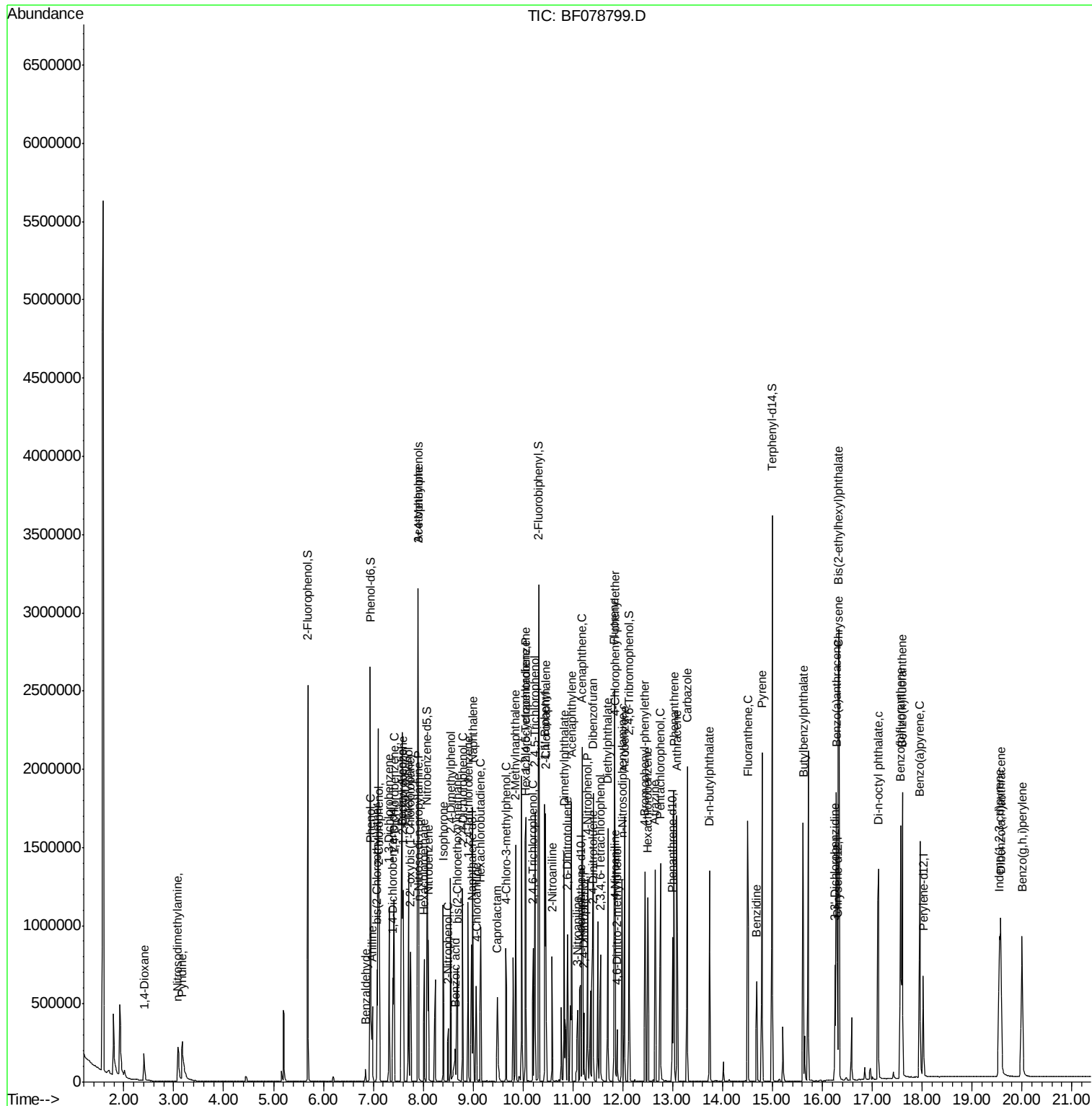
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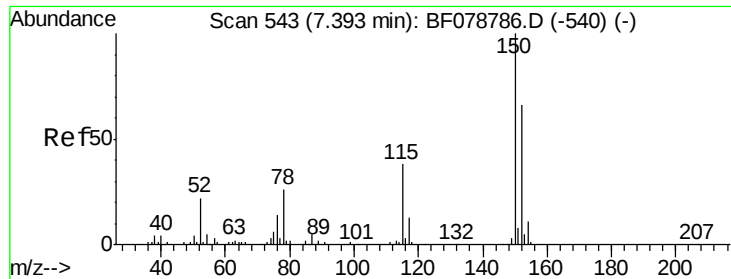
Instrument :
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Client Sample Id :
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#1

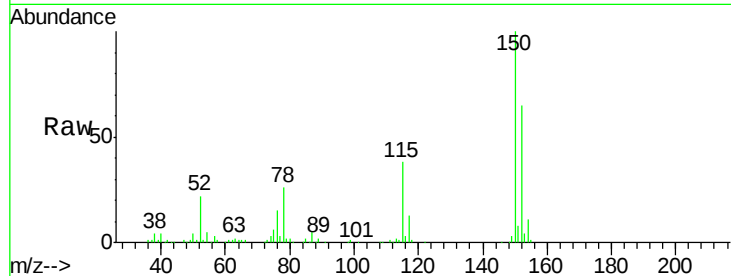
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

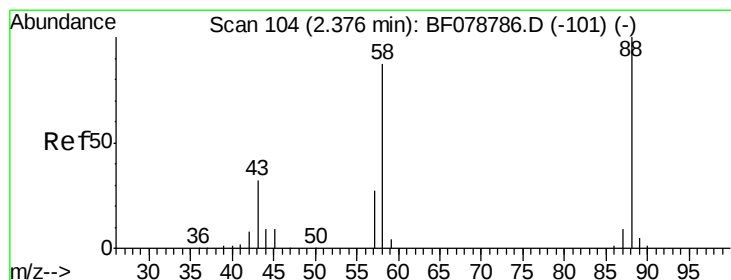
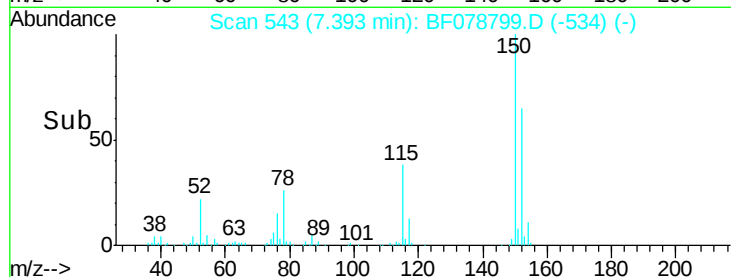
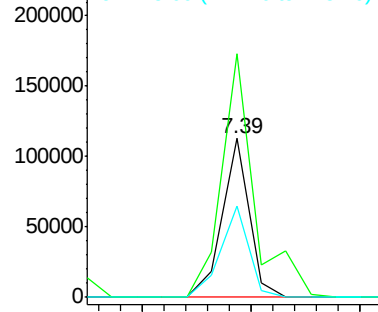
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	122.0	183.0
115	57.7	46.3	69.5

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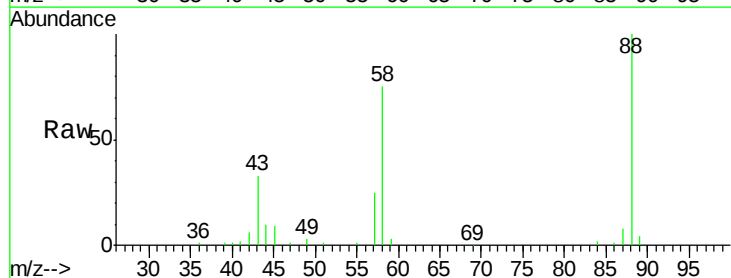
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



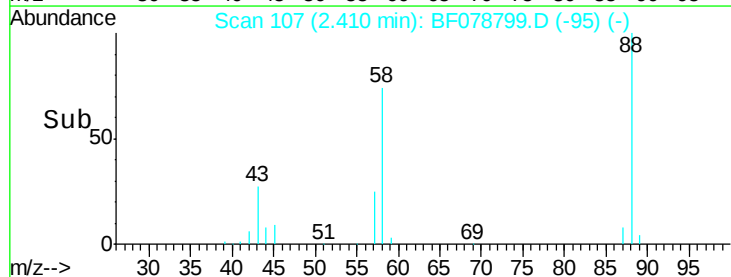
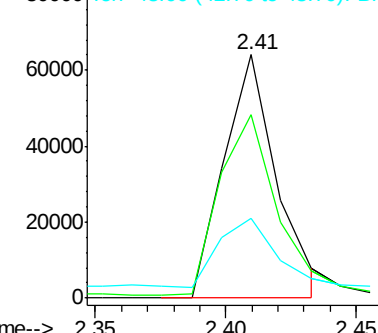
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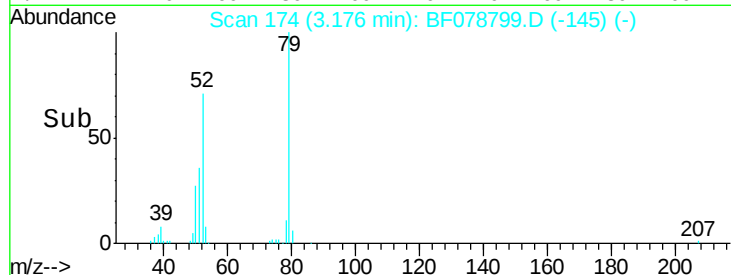
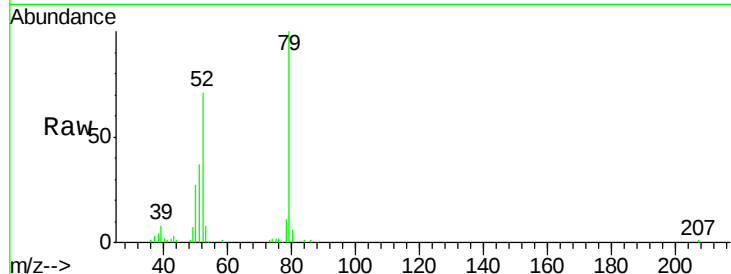
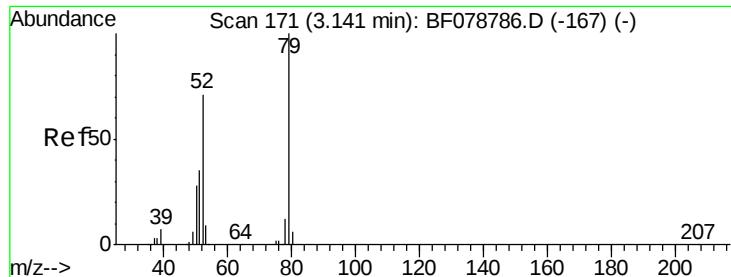
1,4-Dioxane
Concen: 37.26 ng
RT: 2.41 min Scan# 107
Delta R.T. 0.03 min
Lab File: BF078799.D
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Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	0.0	0.0#
43	30.7	3.3	4.9#



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





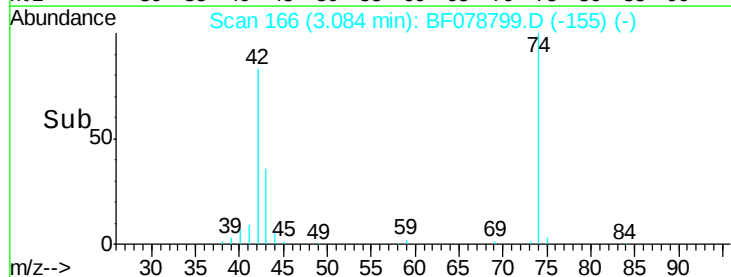
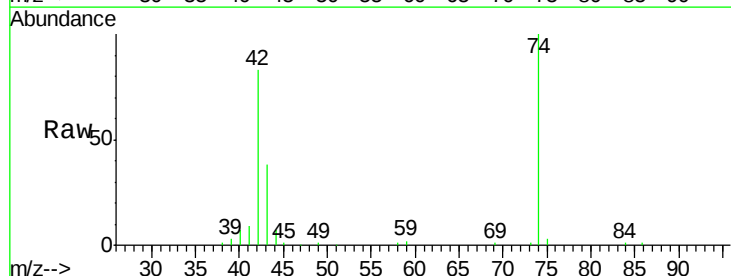
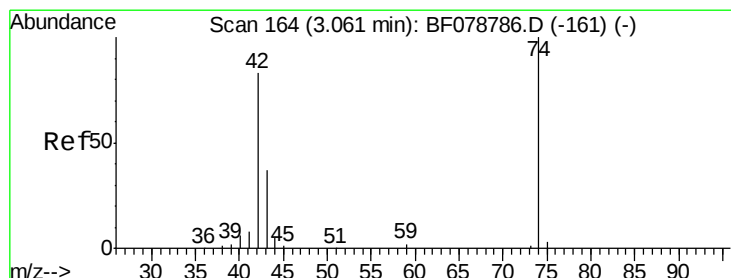
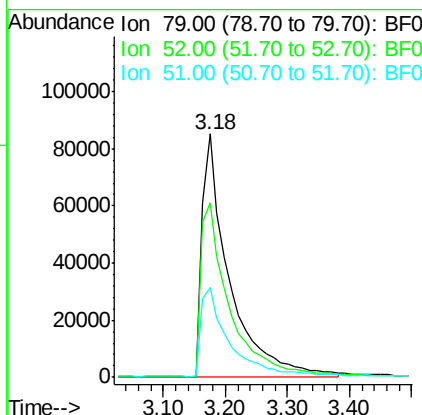
#3
Pvridine
Concen: 36.18 ng
RT: 3.18 min Scan# 174
Delta R.T. 0.03 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tot Ion	Ratio	Resp	Lower	Upper
79	100	259243		
52	71.5		57.2	85.8
51	36.8		28.9	43.3

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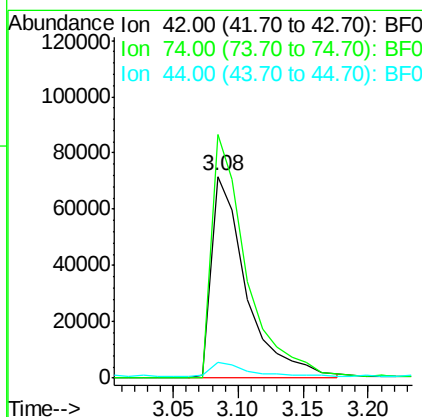
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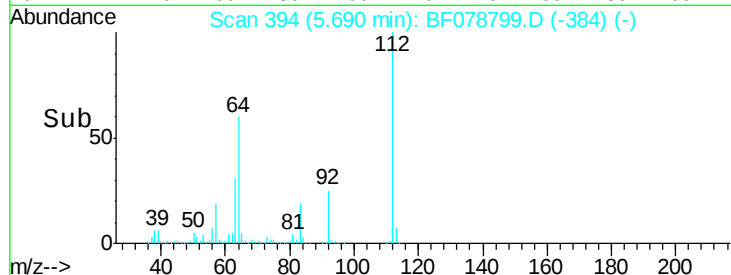
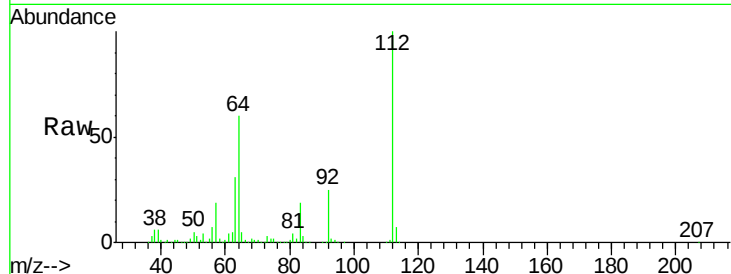
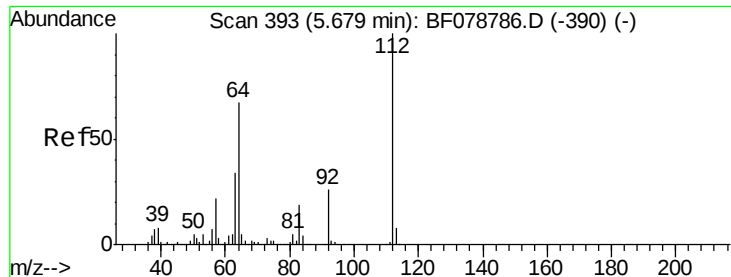
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#4
n-Nitrosodimethylamine
Concen: 41.91 ng m
RT: 3.08 min Scan# 166
Delta R.T. 0.02 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	134914		
74	120.7		96.5	144.7
44	8.0		6.1	9.1





#5

2-Fluorophenol

Concen: 131.99 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078799.D

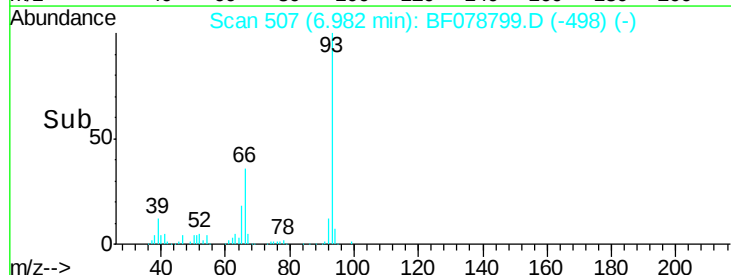
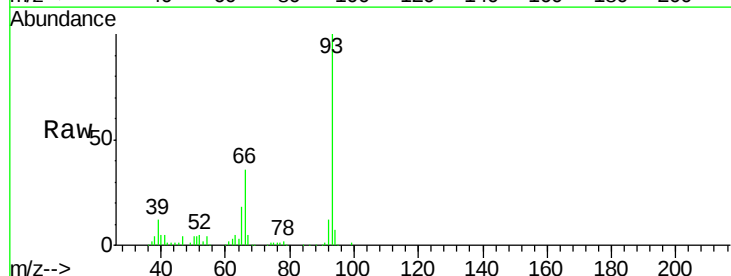
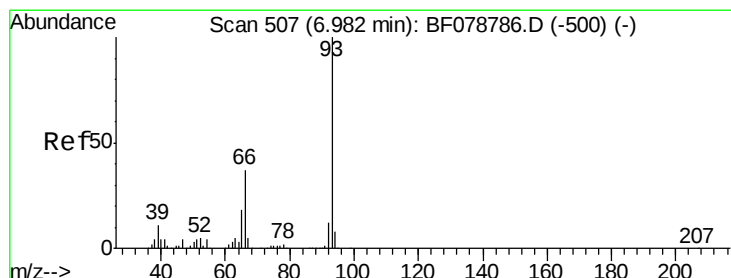
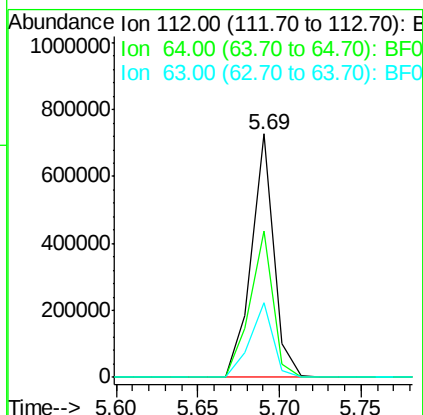
Acq: 29 Apr 2015 3:07

Tot Ion:	112	Resp:	697945
Ion Ratio	Lower	Upper	
112	100		
64	60.0	53.5	80.3
63	30.7	27.5	41.3

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#6

Aniline

Concen: 20.17 ng

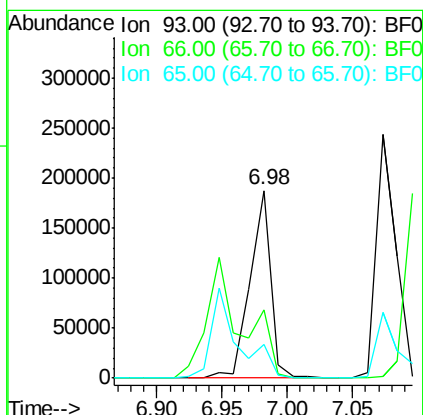
RT: 6.98 min Scan# 507

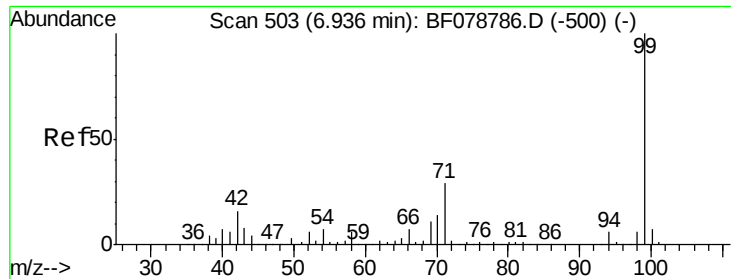
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	93	Resp:	208052
Ion Ratio	Lower	Upper	
93	100		
66	36.1	29.7	44.5
65	18.2	14.6	22.0





#7

Phenol-d6

Concen: 127.43 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

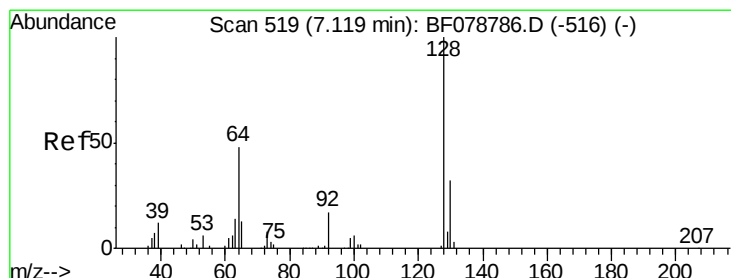
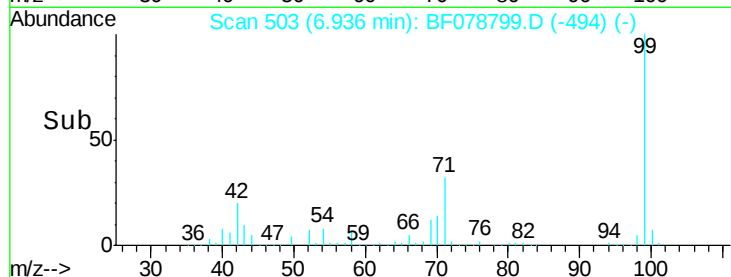
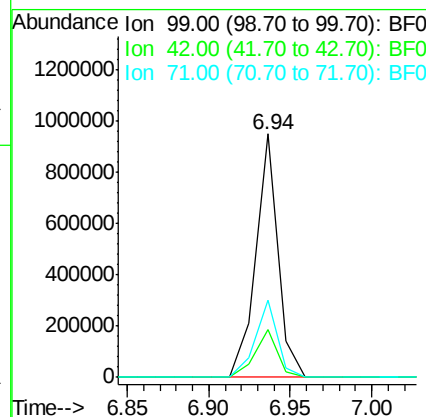
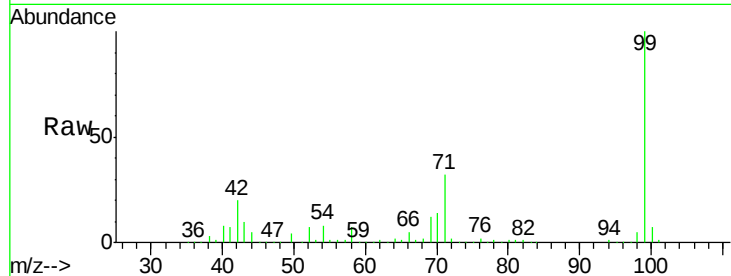
ClientSampleId :

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Tot Ion:	99	Resp:	899925
Ion Ratio	Lower	Upper	
99	100		
42	19.7	12.8	19.2#
71	31.9	23.4	35.2

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#8

2-Chlorophenol

Concen: 43.59 ng

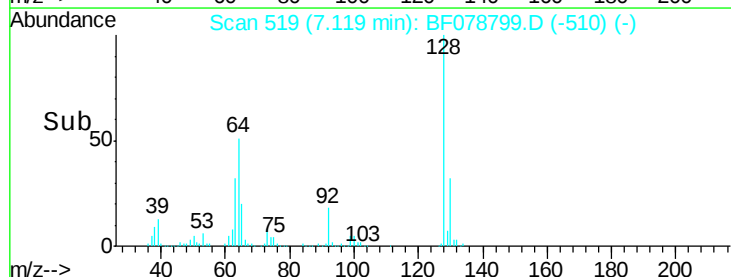
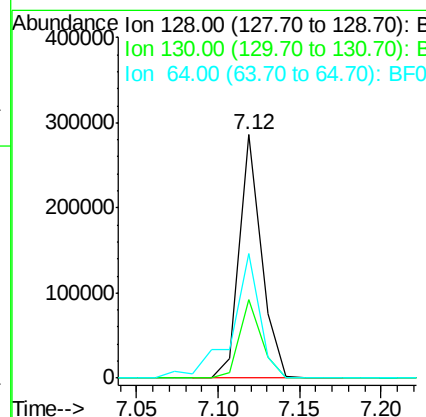
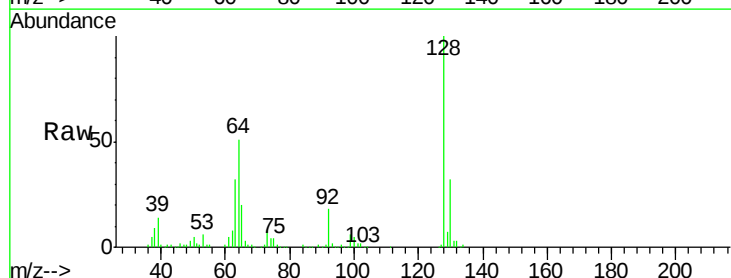
RT: 7.12 min Scan# 519

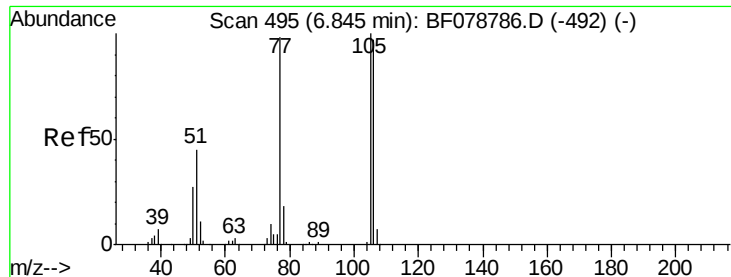
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	128	Resp:	264934
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.1	52.1
64	51.3	29.6	69.6





#9

Benzaldehyde

Concen: 3.48 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

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Acq: 29 Apr 2015 3:07

Instrument :

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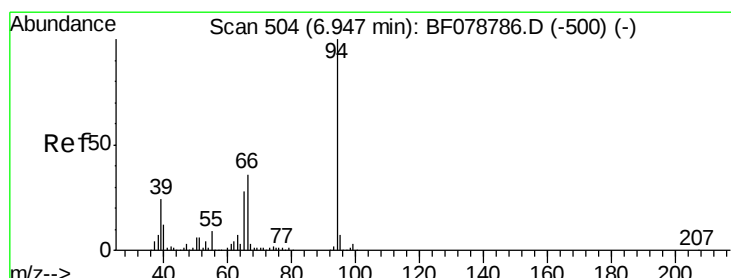
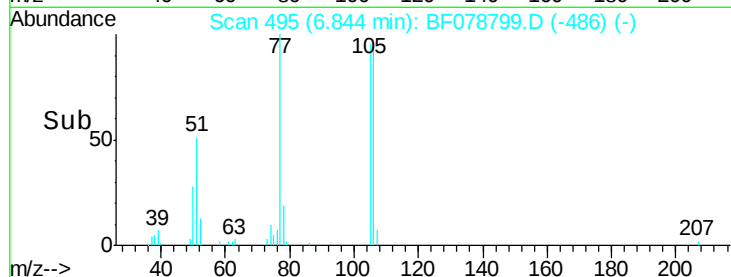
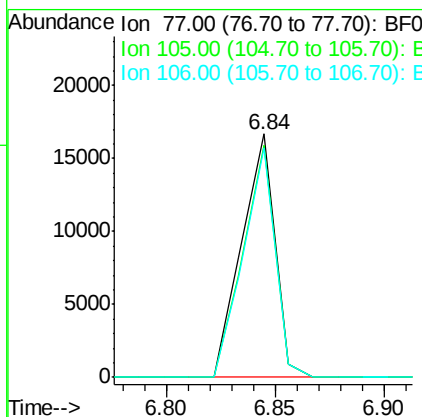
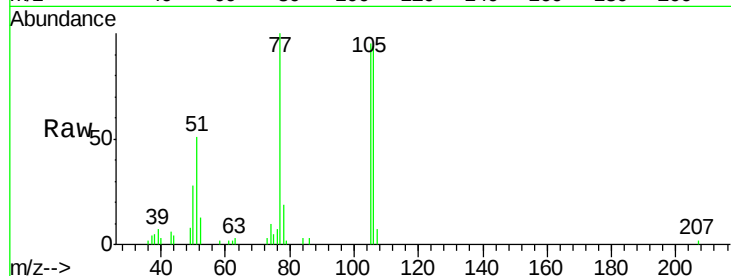
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Tot Ion:	77	Resp:	17724
Ion	Ratio	Lower	Upper
77	100		
105	95.1	81.7	121.7
106	94.1	79.0	119.0

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#10

Phenol

Concen: 38.46 ng

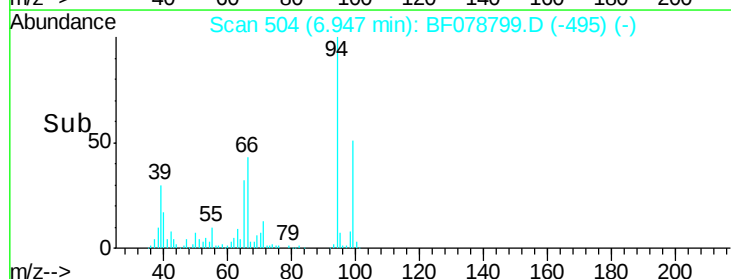
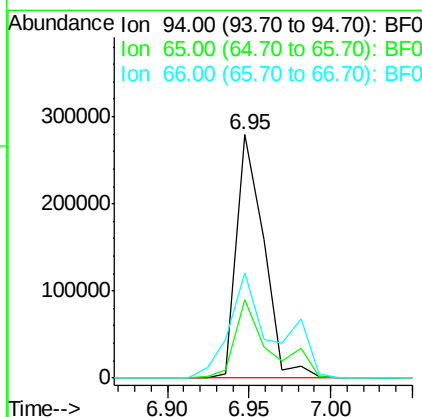
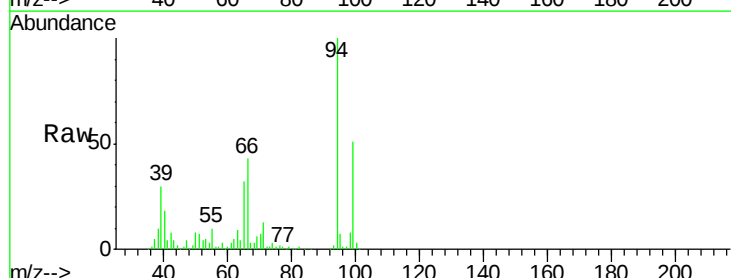
RT: 6.95 min Scan# 504

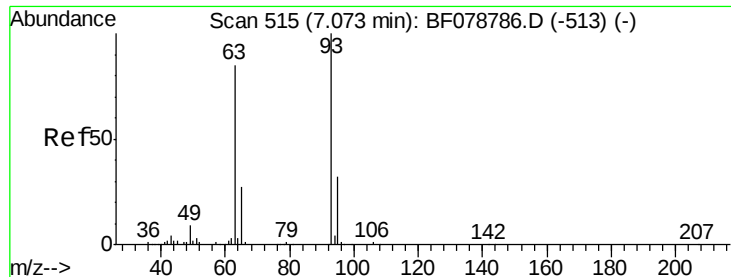
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	94	Resp:	321080
Ion	Ratio	Lower	Upper
94	100		
65	32.1	8.5	48.5
66	43.4	16.0	56.0





#11

bis(2-Chloroethyl)ether

Concen: 41.14 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

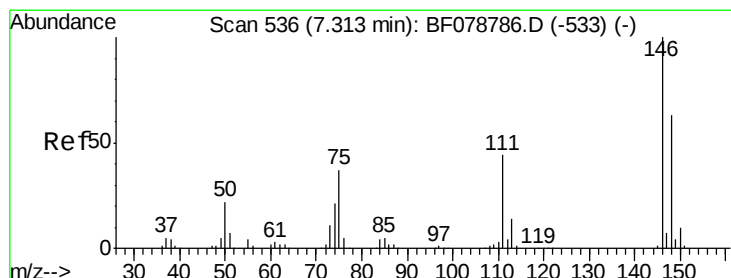
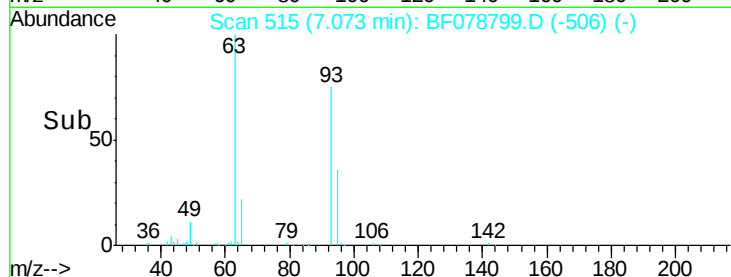
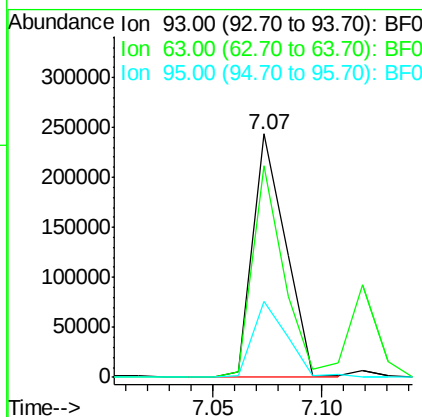
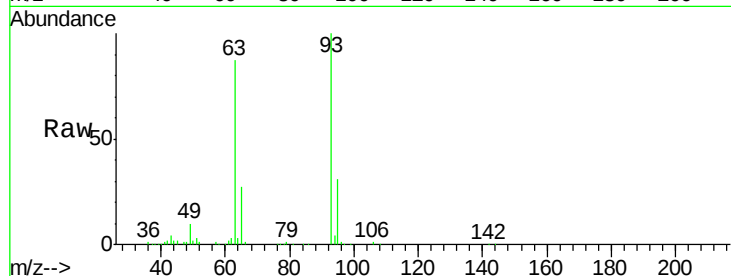
ClientSampleId :

PB82973BS

Tot Ion:	93	Resp:	254007
Ion Ratio	Lower	Upper	
93	100		
63	86.8	64.8	104.8
95	31.0	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 39.04 ng

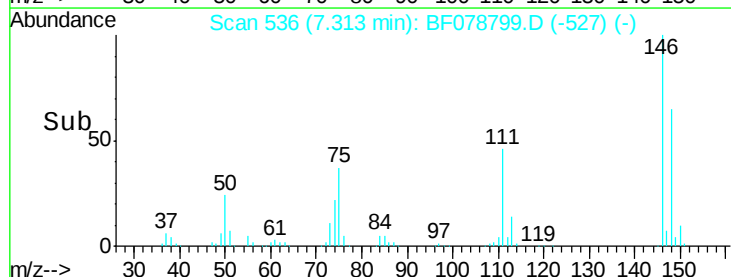
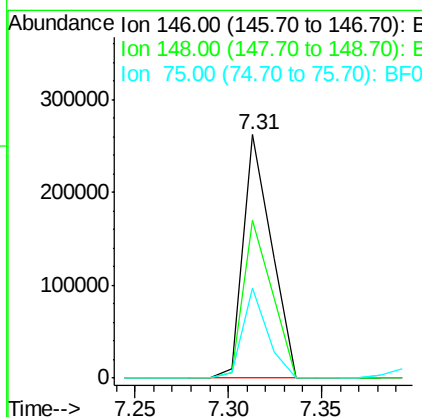
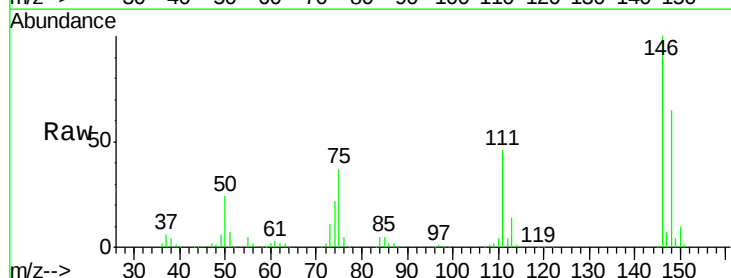
RT: 7.31 min Scan# 536

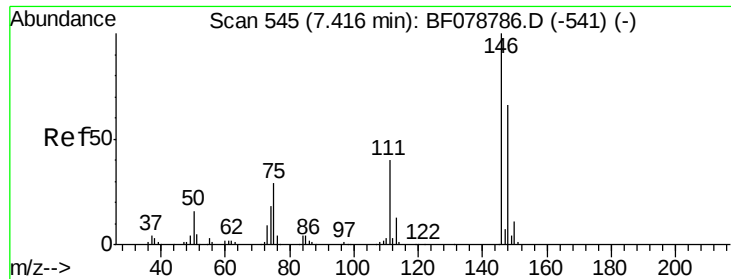
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	146	Resp:	275493
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.2	75.2
75	37.2	29.2	43.8





#13

1,4-Dichlorobenzene

Concen: 39.49 ng

RT: 7.42 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

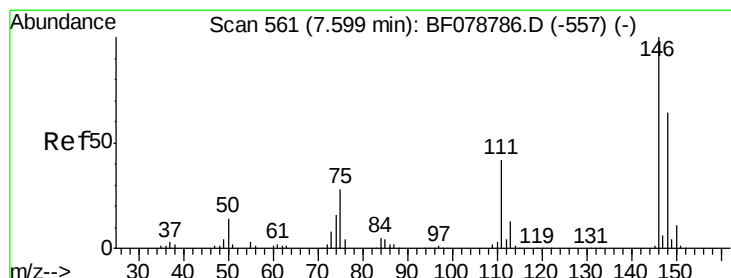
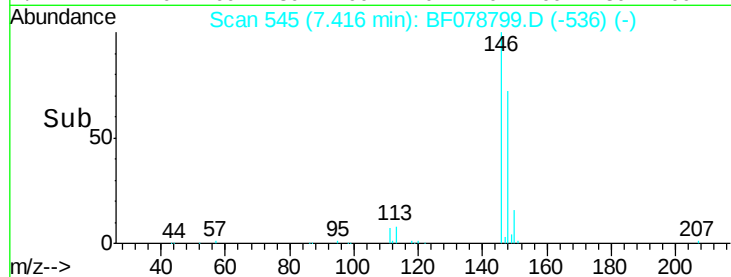
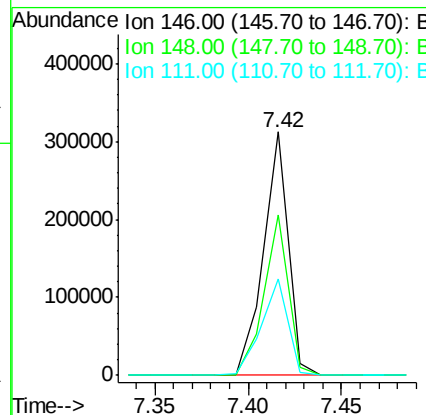
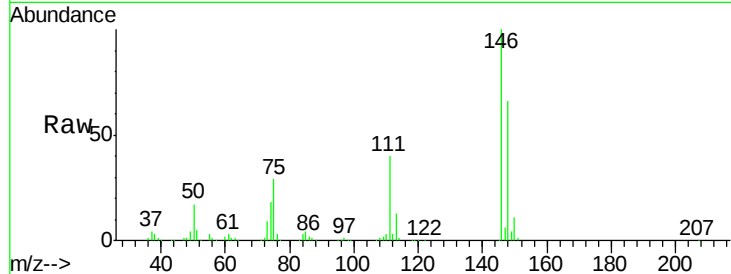
ClientSampleId :

PB82973BS

Tot Ion:	146	Resp:	285339
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.8	79.2
111	39.6	31.7	47.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.35 ng

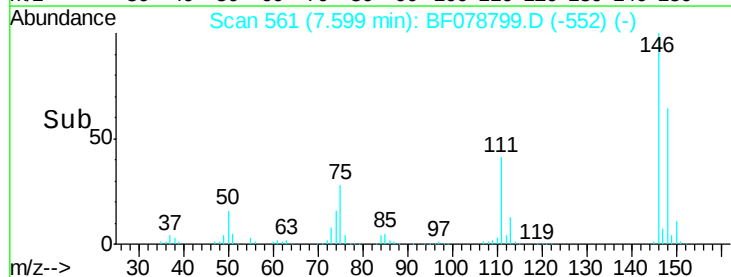
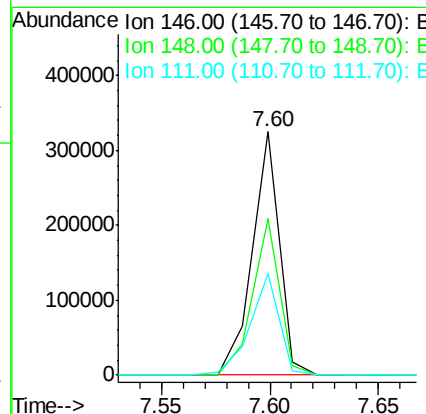
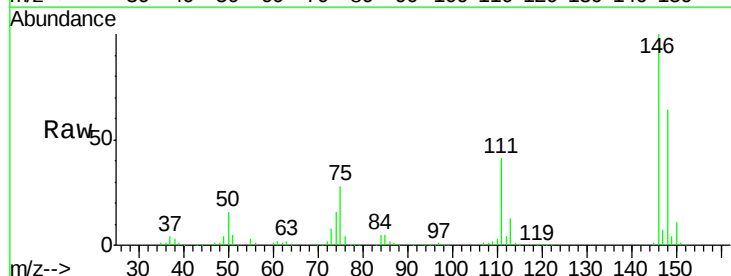
RT: 7.60 min Scan# 561

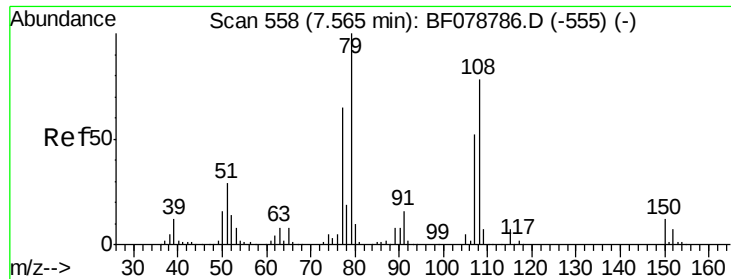
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	146	Resp:	279189
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.2	76.8
111	41.5	33.3	49.9





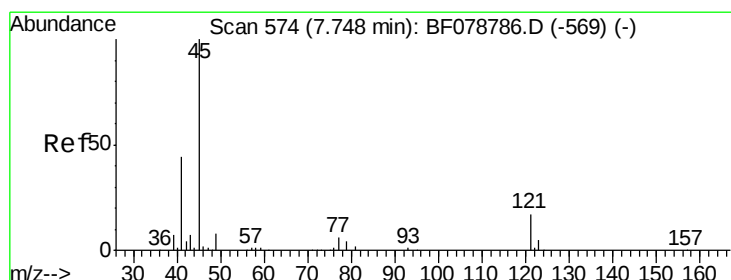
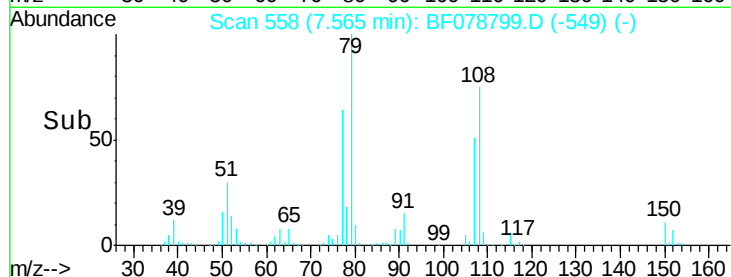
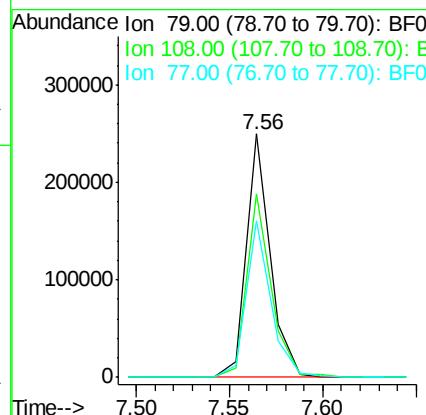
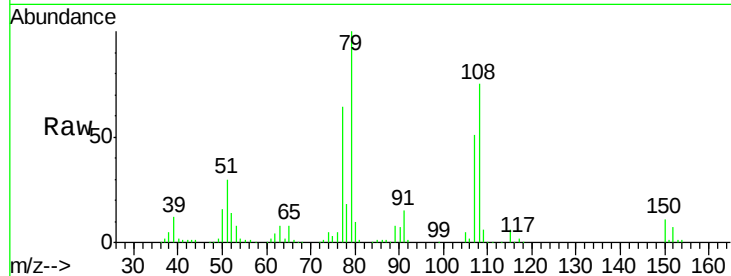
#15
Benzyl Alcohol
Concen: 42.46 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.2	62.5	93.7
77	64.3	52.2	78.4

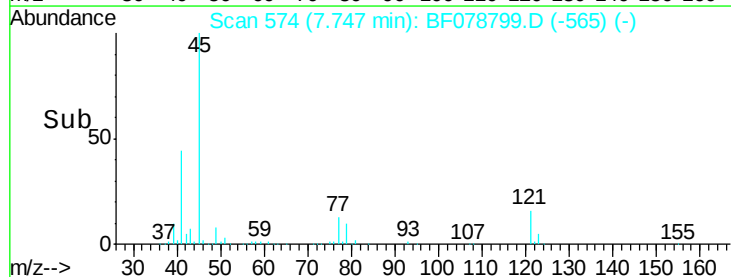
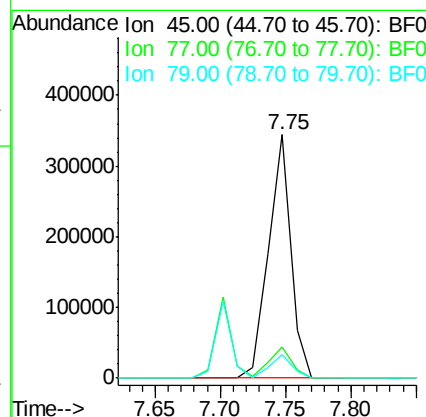
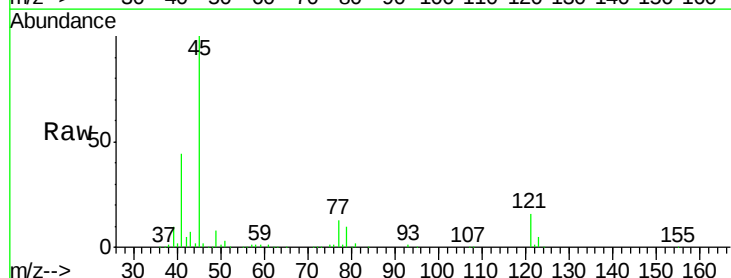
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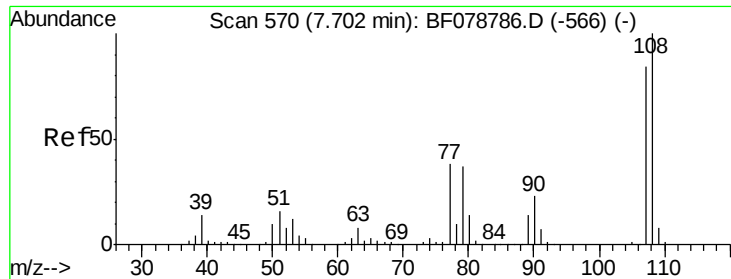
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.03 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.3
79	9.7	0.0	30.1





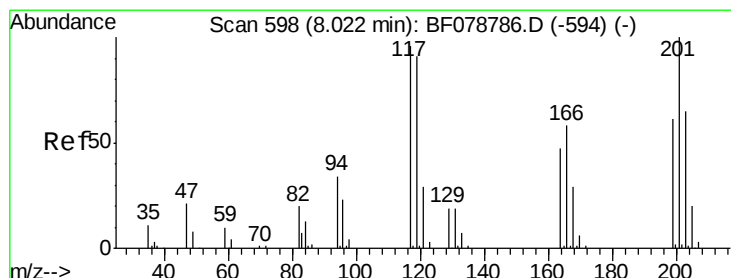
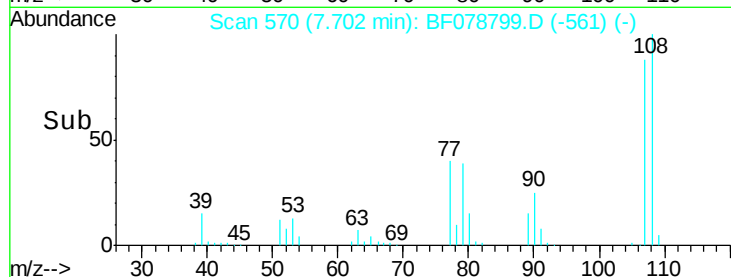
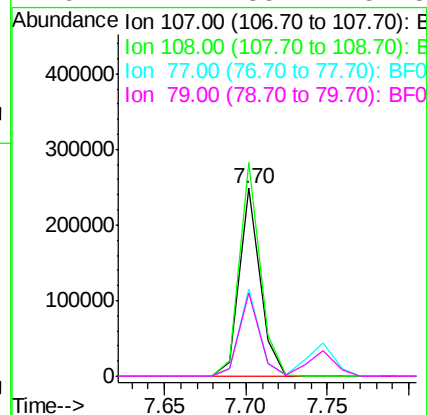
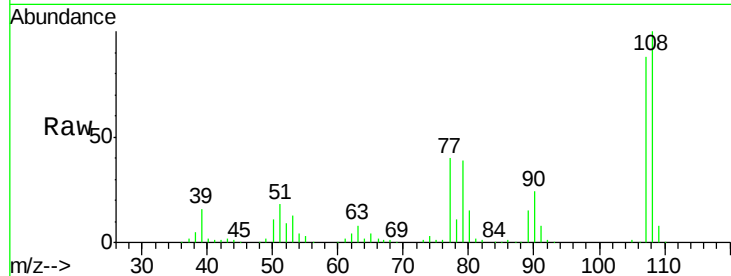
#17
2-Methylphenol
Concen: 44.06 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	94.9	142.3	
77	46.0	36.2	54.4	
79	44.1	35.2	52.8	

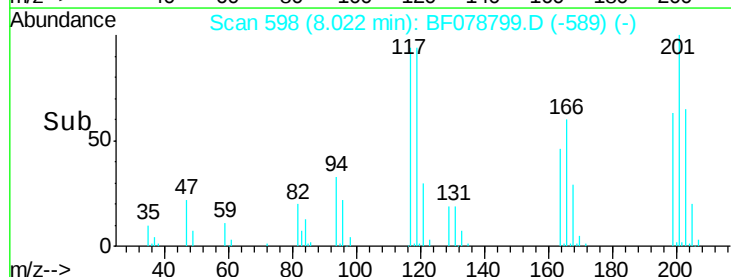
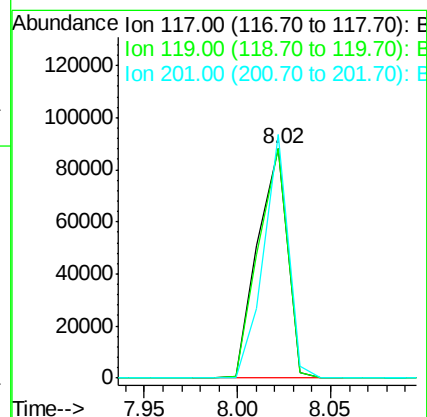
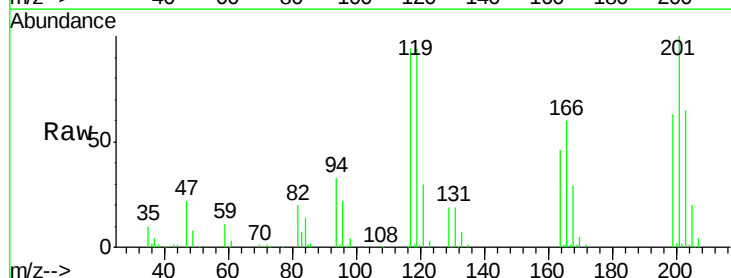
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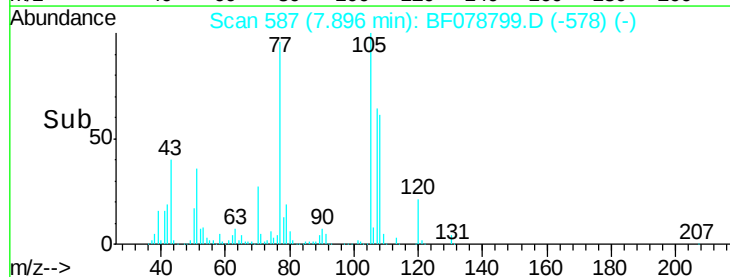
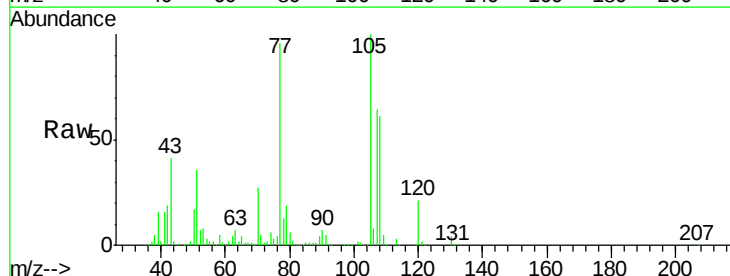
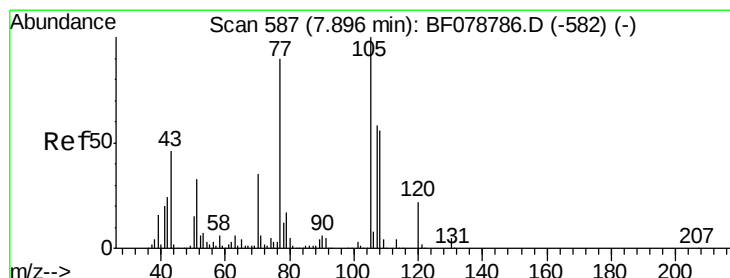
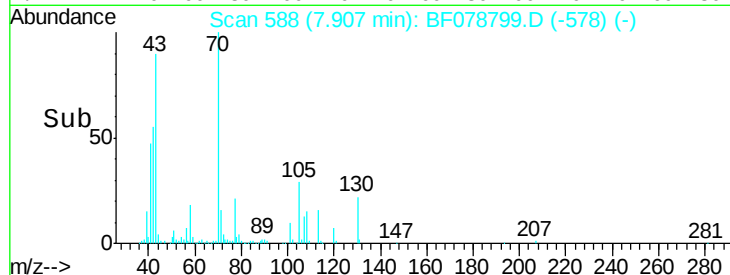
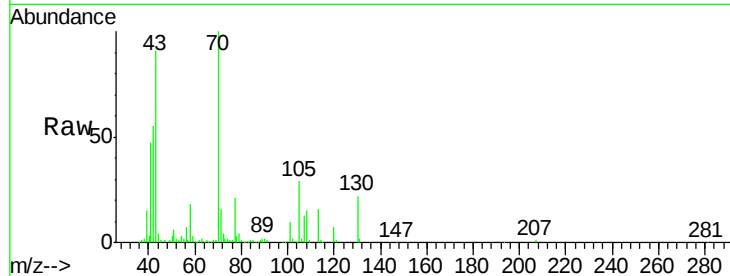
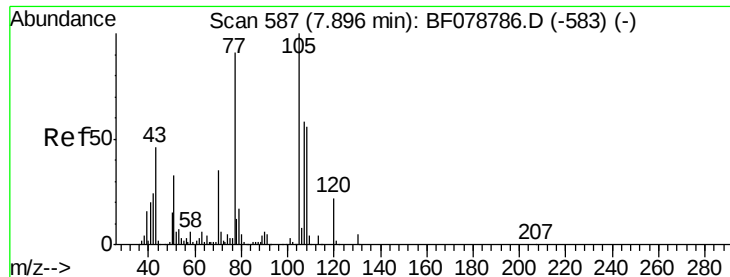
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#18
Hexachloroethane
Concen: 40.69 ng
RT: 8.02 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.3	75.4	113.0	
201	106.3	83.2	124.8	





#19

n-Nitroso-di-n-propylamine

Concen: 39.99 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

ClientSampleId :

PB82973BS

Tot Ion: 70 Resp: 197065

Ion Ratio Lower Upper

70 100

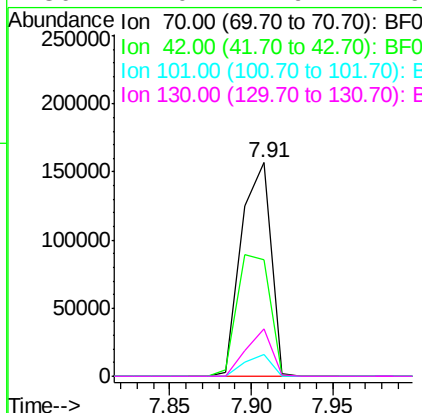
42 54.7 55.4 83.0#

101 10.0 6.6 10.0#

130 22.0 11.9 17.9#

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#20

3+4-Methylphenols

Concen: 44.23 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion: 107 Resp: 283527

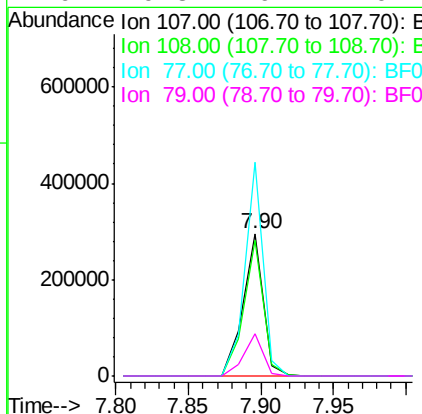
Ion Ratio Lower Upper

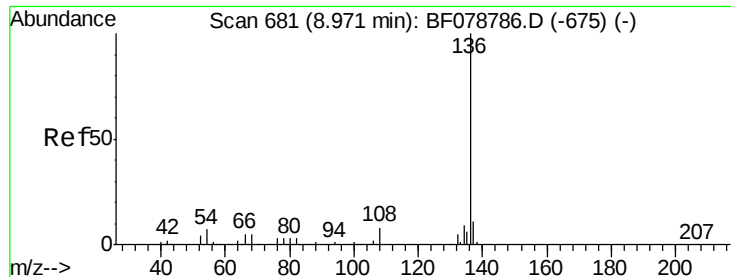
107 100

108 95.0 76.9 116.9

77 149.7 136.8 176.8

79 29.8 9.7 49.7





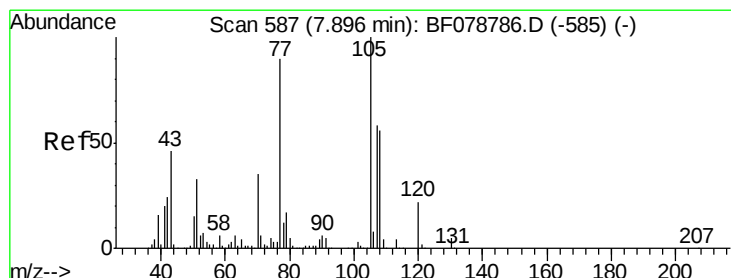
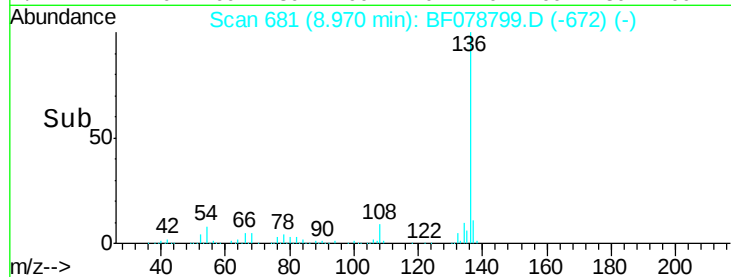
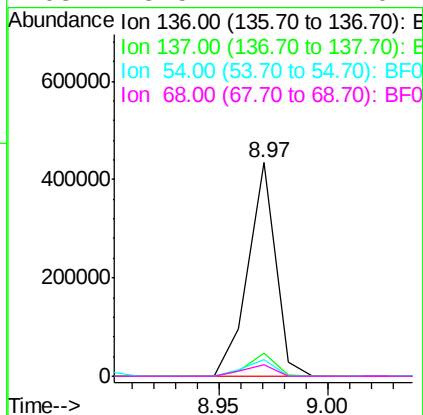
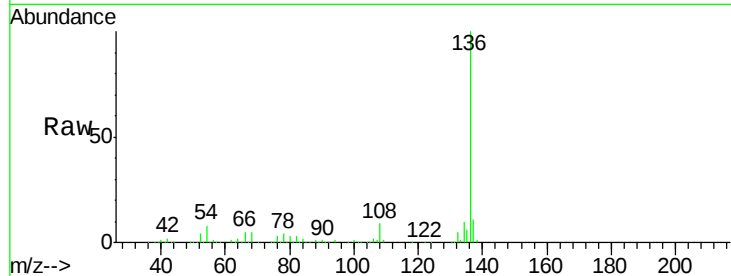
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		384314		
137	10.9		8.7	13.1	
54	7.6		5.8	8.8	
68	5.5		4.2	6.4	

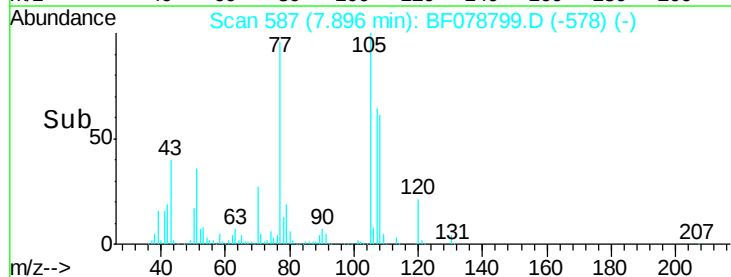
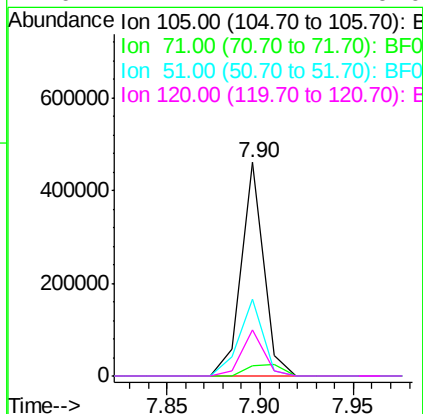
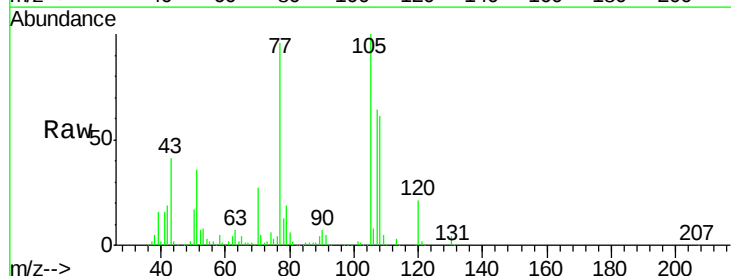
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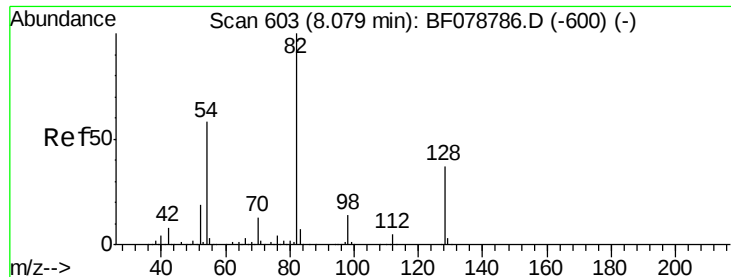
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#22
Acetophenone
Concen: 45.49 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		387285		
71	4.6		4.6	6.8	
51	35.8		26.7	40.1	
120	21.4		17.4	26.0	





#23

Nitrobenzene-d5

Concen: 85.49 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

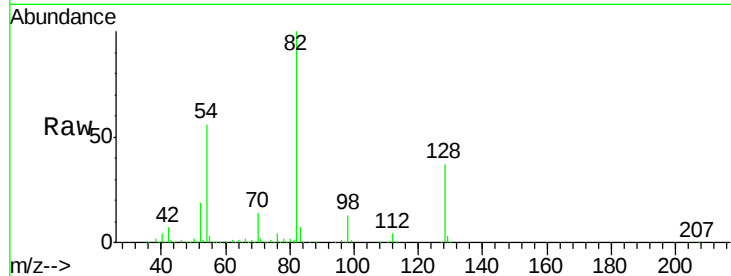
ClientSampleId :

PB82973BS

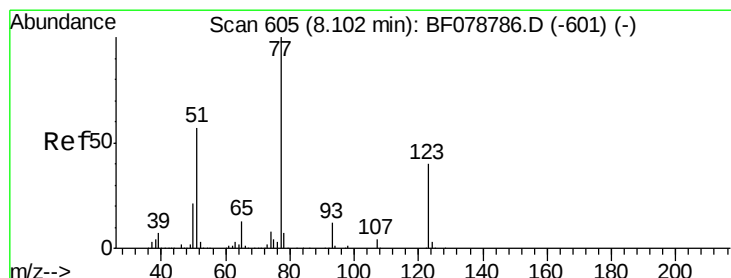
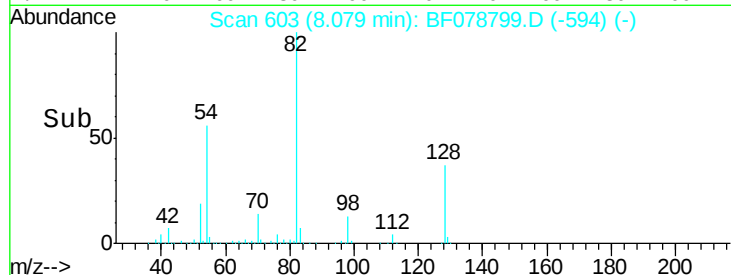
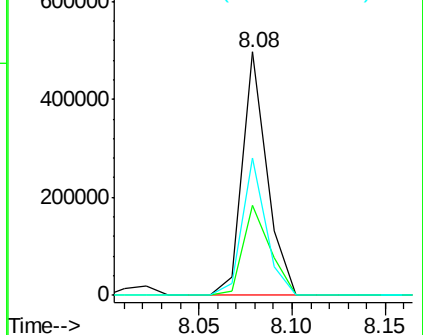
Tot Ion:	82	Resp:	456306
Ion Ratio	Lower	Upper	
82	100		
128	36.8	30.0	45.0
54	56.3	46.4	69.6

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



#24

Nitrobenzene

Concen: 44.91 ng

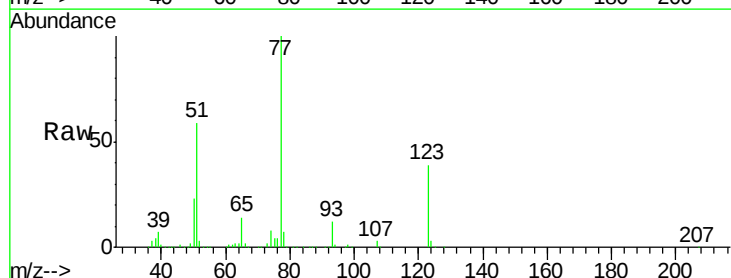
RT: 8.10 min Scan# 605

Delta R.T. -0.00 min

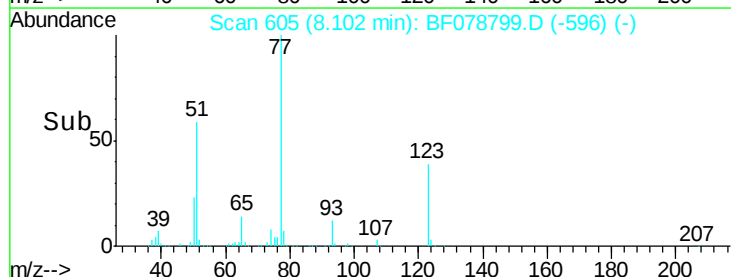
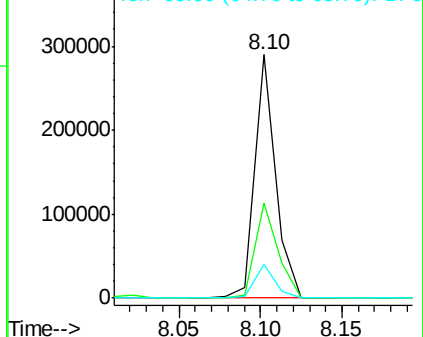
Lab File: BF078799.D

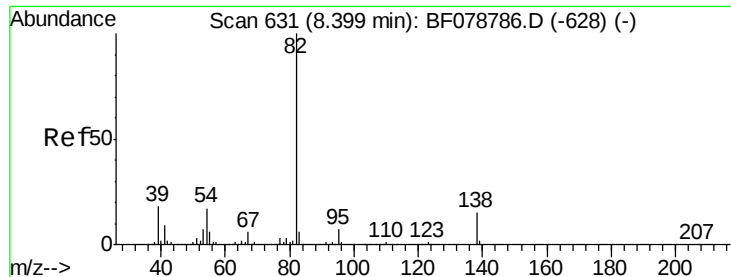
Acq: 29 Apr 2015 3:07

Tgt Ion:	77	Resp:	256705
Ion Ratio	Lower	Upper	
77	100		
123	39.0	31.8	47.8
65	13.8	10.6	15.8



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





#25

Isophorone

Concen: 41.68 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

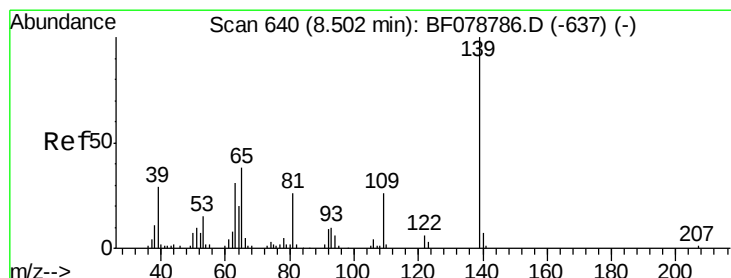
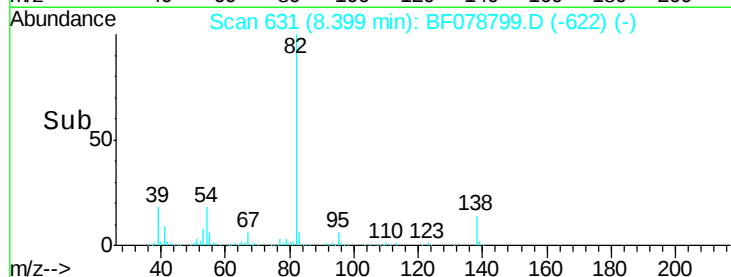
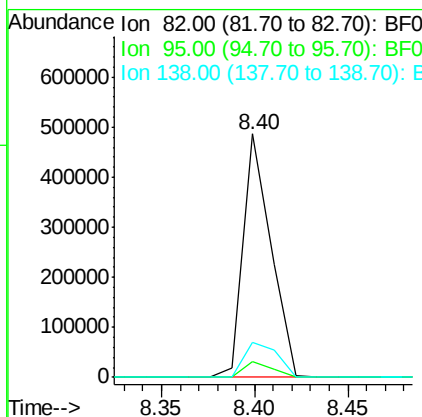
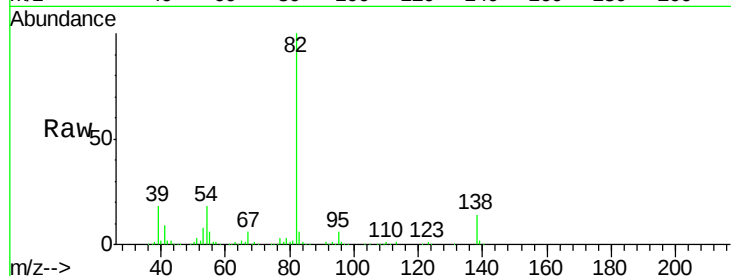
ClientSampleId :

PB82973BS

Tot Ion:	82	Resp:	502971
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	14.3	12.0	18.0

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#26

2-Nitrophenol

Concen: 47.03 ng

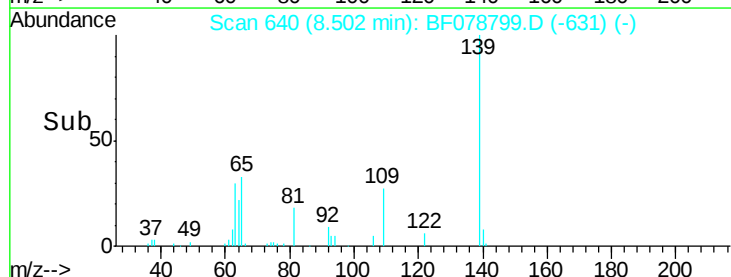
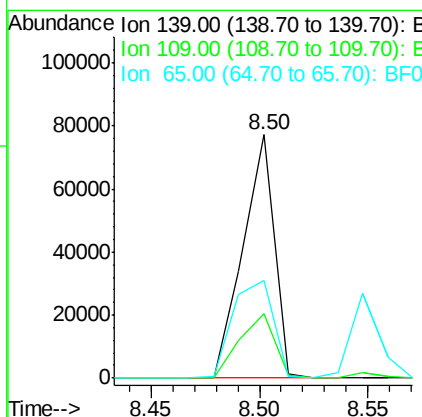
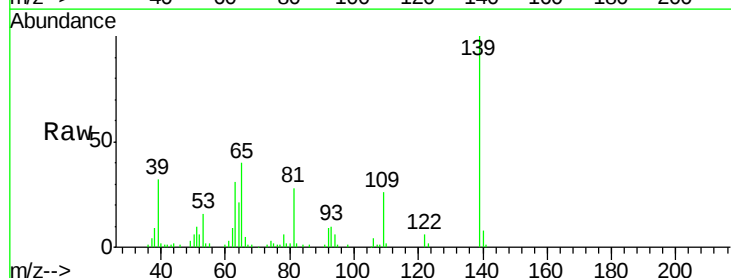
RT: 8.50 min Scan# 640

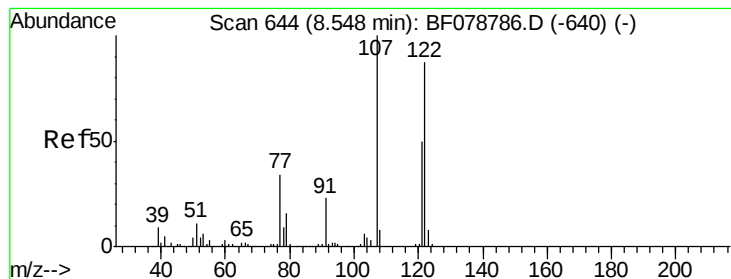
Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	139	Resp:	77300
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.4
65	40.0	30.5	45.7





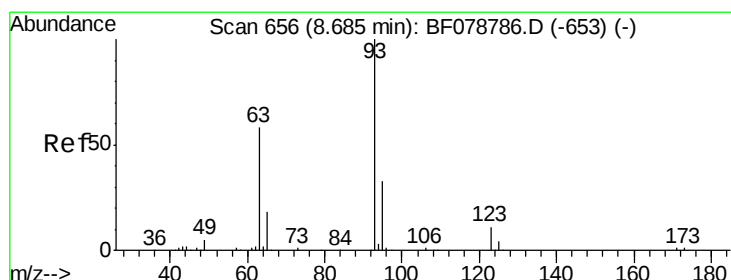
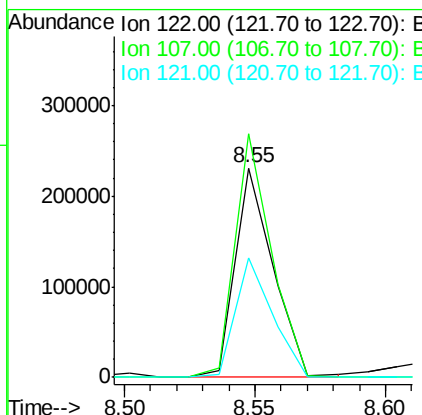
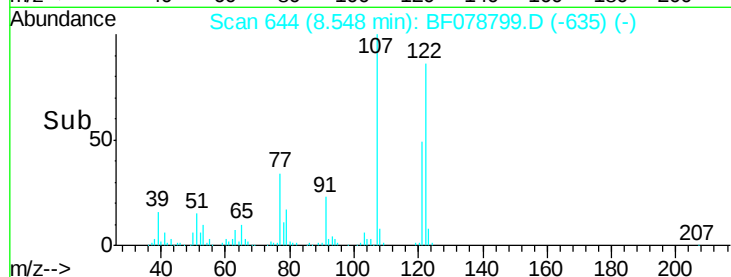
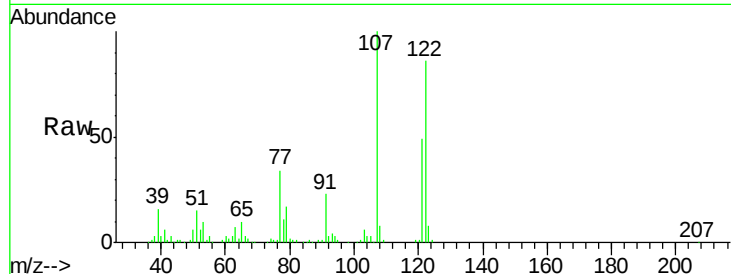
#27
 2,4-Dimethylphenol
 Concen: 44.24 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	236824		
107	116.1	90.6	135.8	
121	56.9	45.4	68.2	

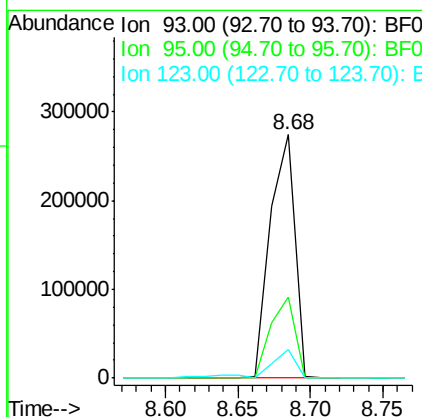
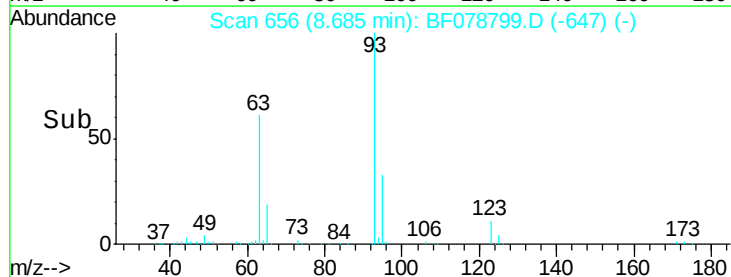
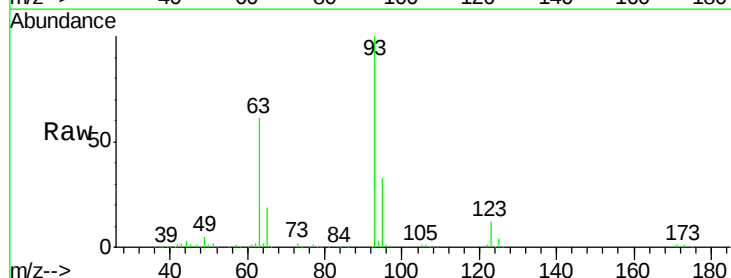
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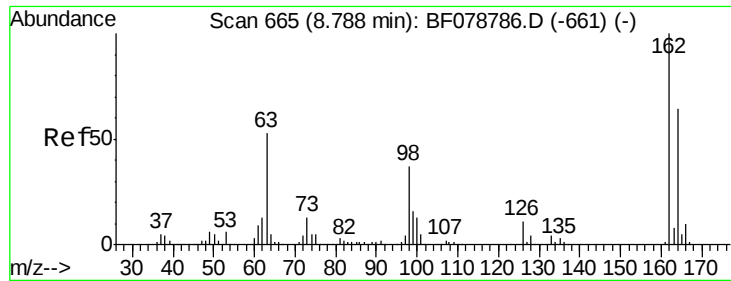
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.49 ng
 RT: 8.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	324072		
95	33.1	26.7	40.1	
123	11.6	9.1	13.7	





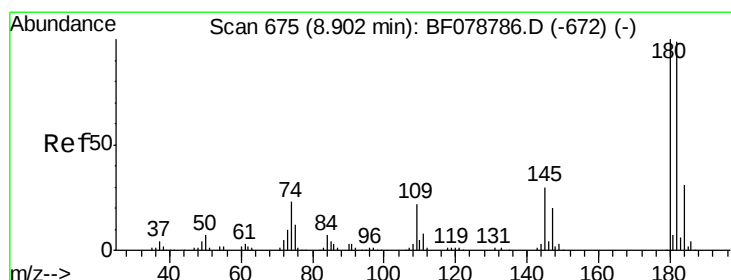
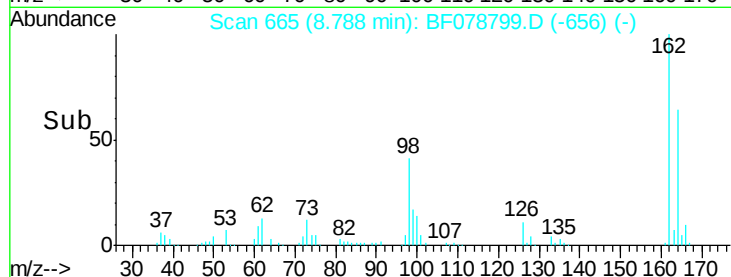
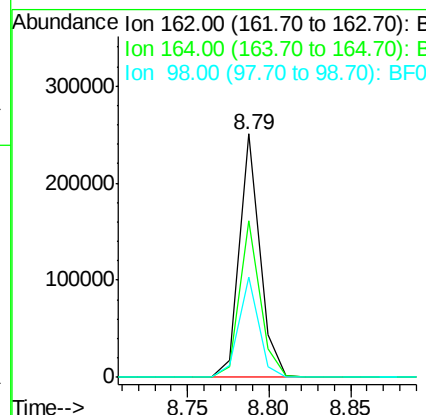
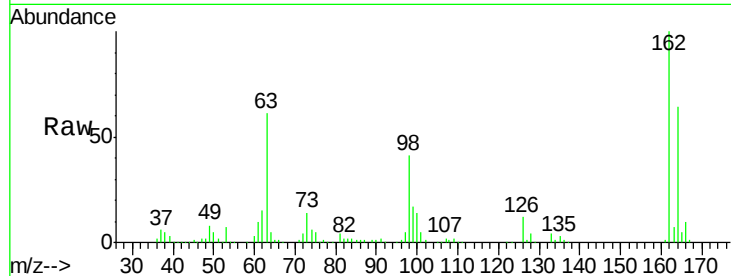
#29
 2,4-Dichlorophenol
 Concen: 47.27 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	43.6	83.6
98	41.1	16.5	56.5

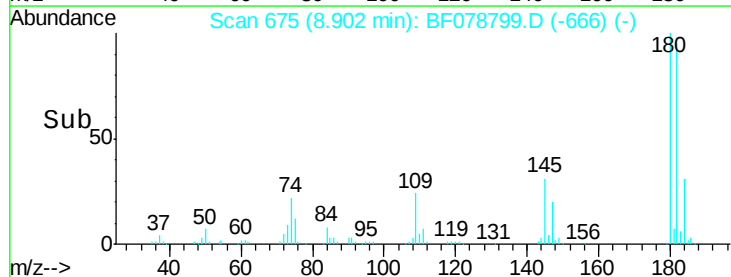
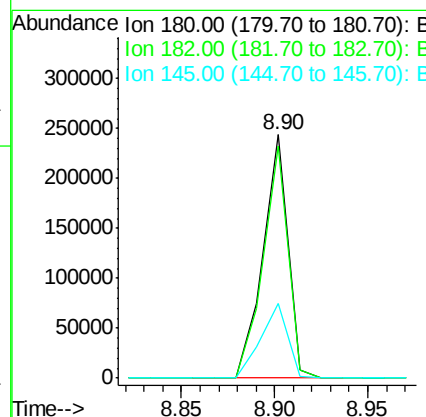
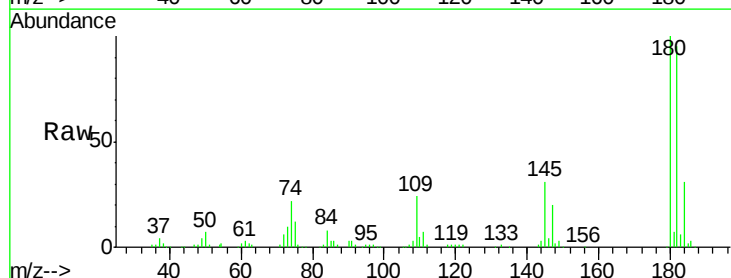
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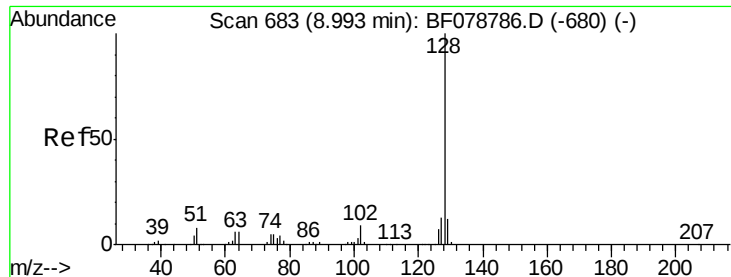
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.73 ng
 RT: 8.90 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	78.9	118.3
145	30.8	24.2	36.4





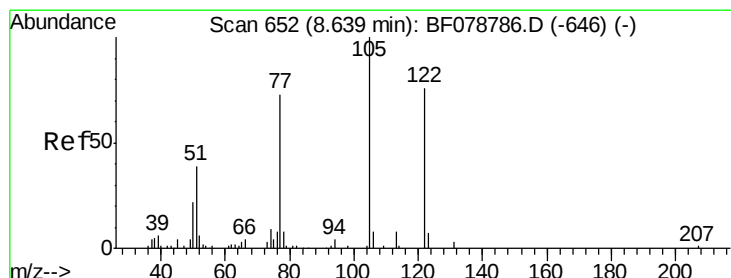
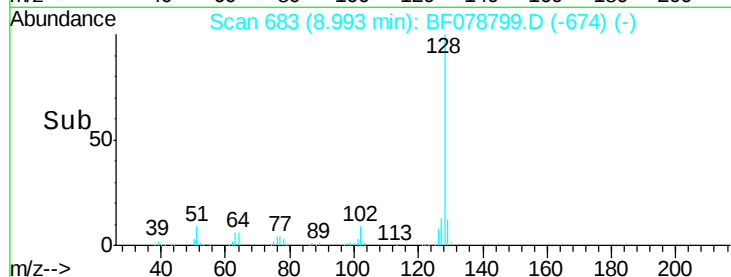
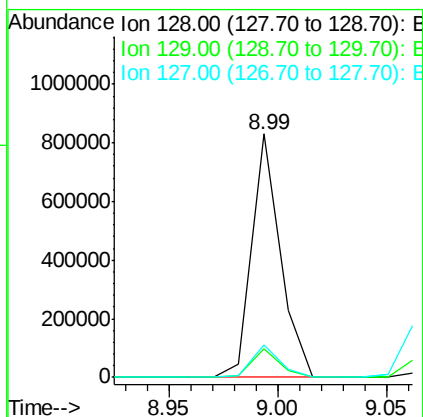
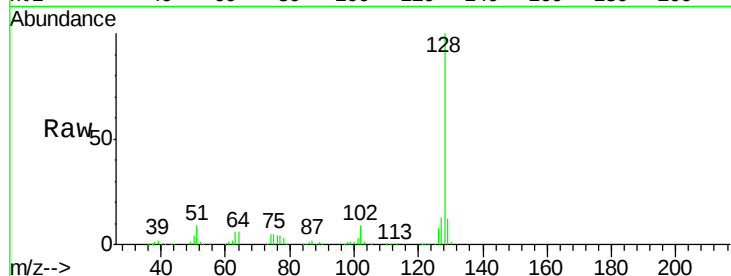
#31
Naphthalene
Concen: 41.57 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion:	128	Resp:	758232
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.3	13.9
127	13.5	10.7	16.1

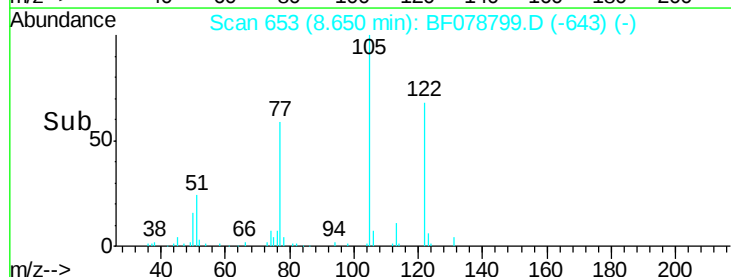
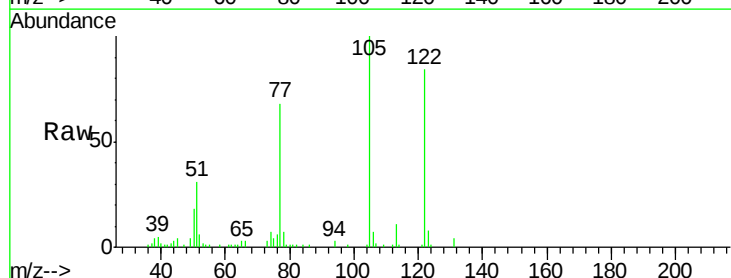
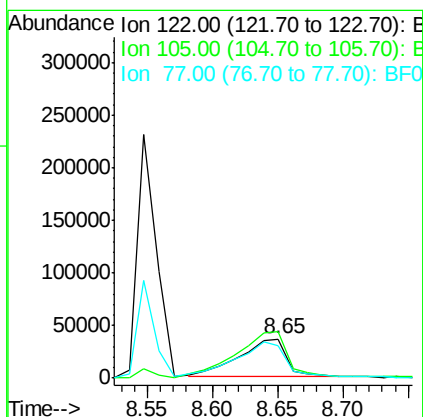
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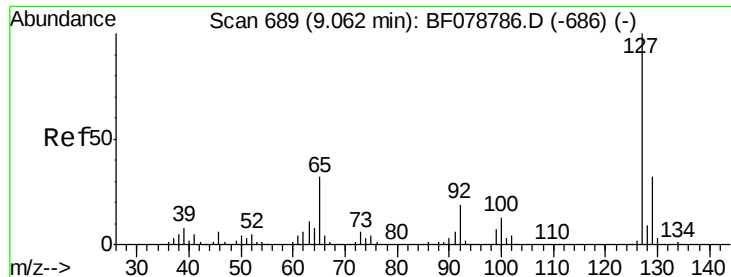
apatel
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#32
Benzoic acid
Concen: 55.35 ng
RT: 8.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion:	122	Resp:	89915
Ion Ratio	Lower	Upper	
122	100		
105	119.6	107.1	147.1
77	81.2	73.9	113.9





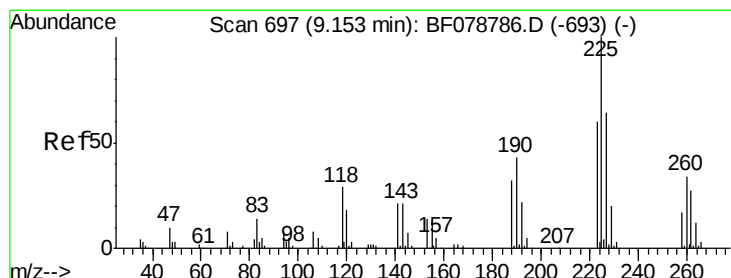
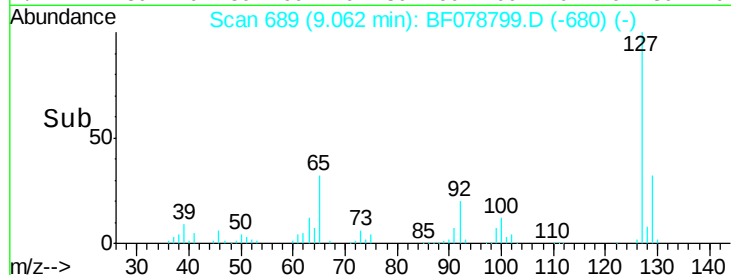
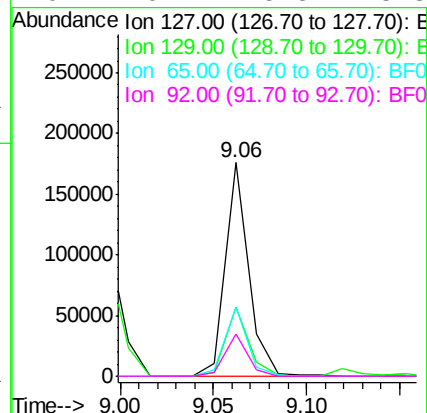
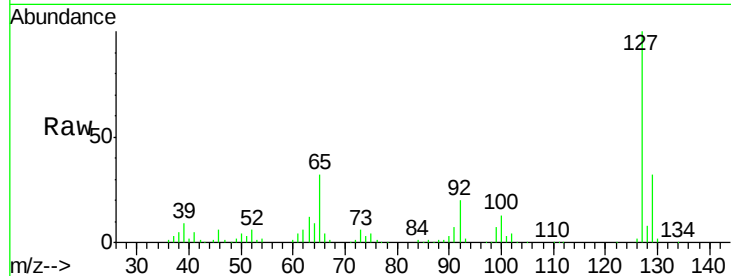
#33
4-Chloroaniline
Concen: 20.16 ng
RT: 9.06 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.8		
65	32.3	25.8	38.6		
92	19.7	15.5	23.3		

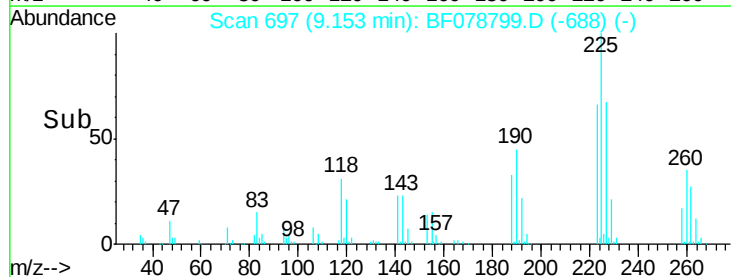
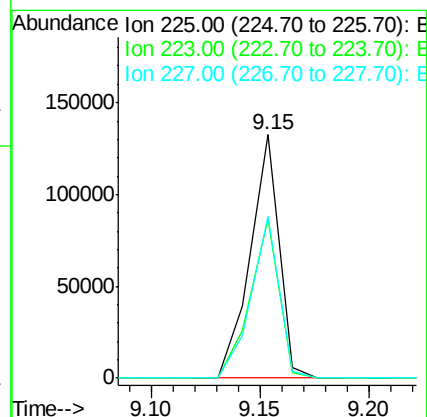
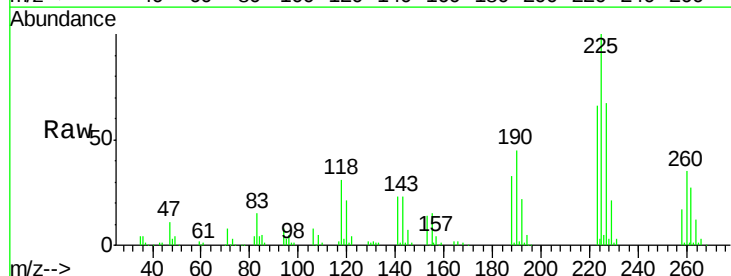
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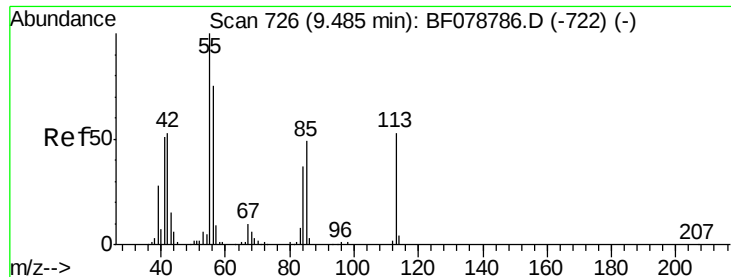
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#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 9.15 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.5	48.2	72.4		
227	66.5	51.4	77.0		





#35

Caprolactam

Concen: 44.66 ng

RT: 9.48 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

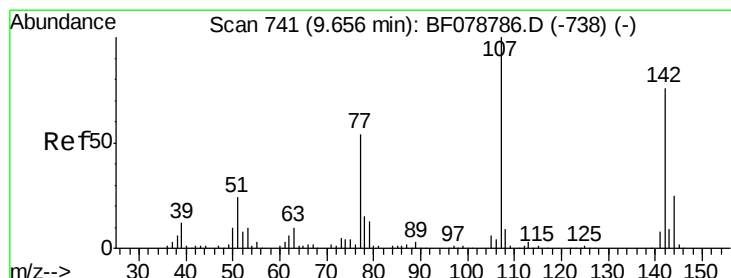
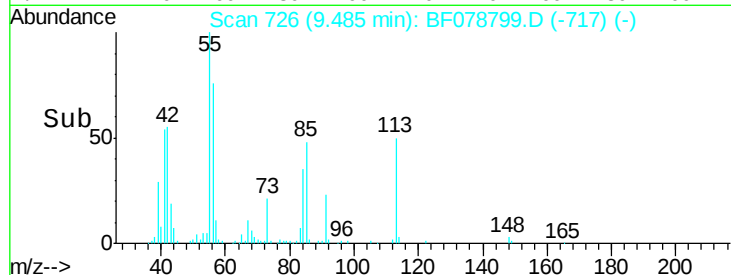
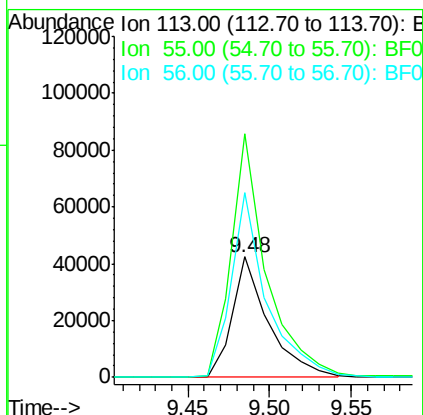
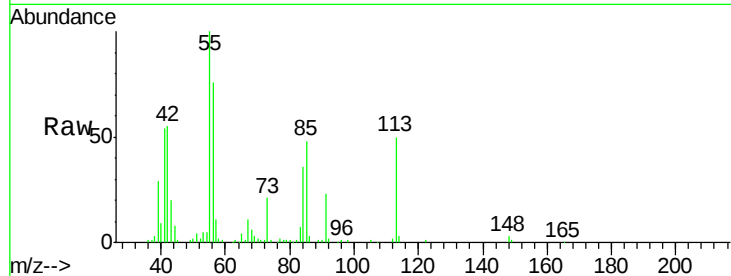
ClientSampleId :

PB82973BS

Tot Ion:	113	Resp:	65061
Ion Ratio	Lower	Upper	
113	100		
55	201.9	169.7	209.7
56	153.4	122.5	162.5

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#36

4-Chloro-3-methylphenol

Concen: 46.10 ng

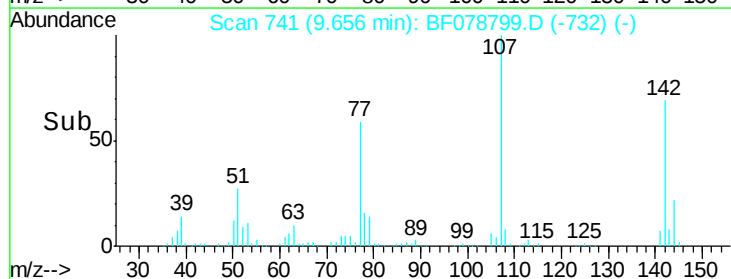
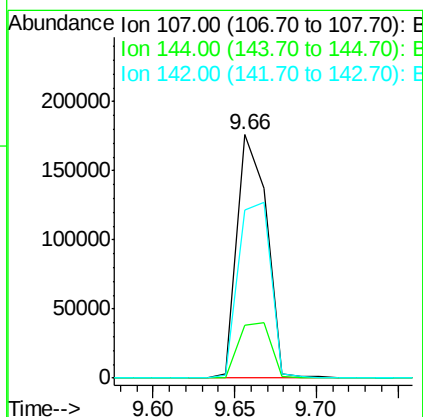
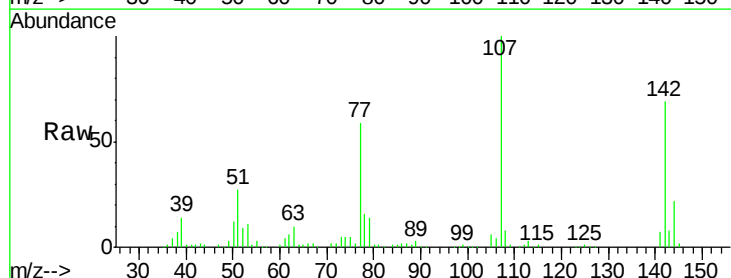
RT: 9.66 min Scan# 741

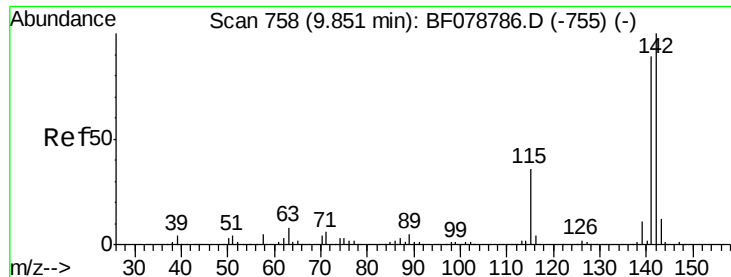
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	107	Resp:	221481
Ion Ratio	Lower	Upper	
107	100		
144	21.7	19.8	29.6
142	69.2	60.6	91.0





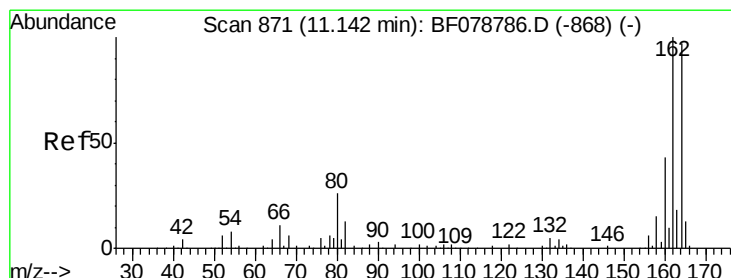
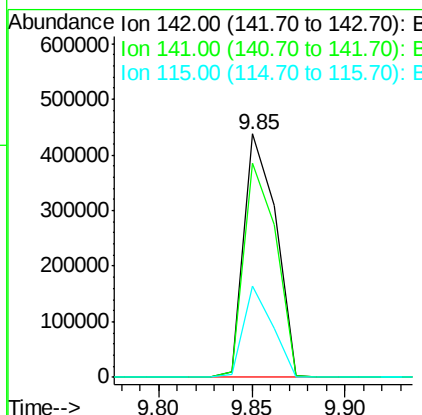
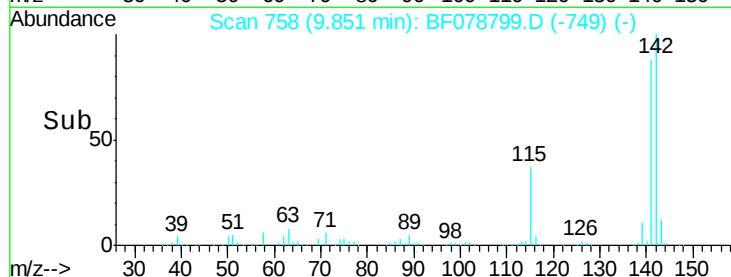
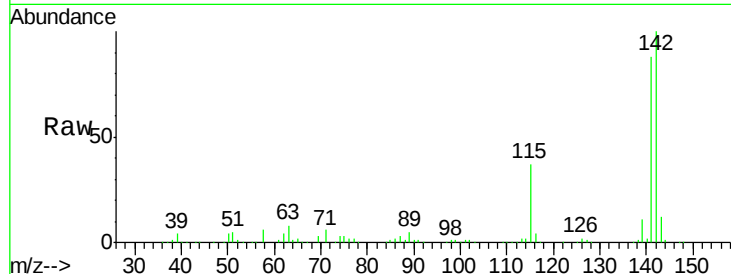
#37
 2-Methylnaphthalene
 Concen: 42.52 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion:	142	Resp:	521841
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.9	106.3
115	37.3	28.5	42.7

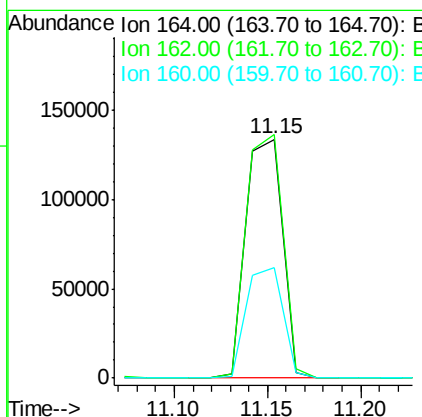
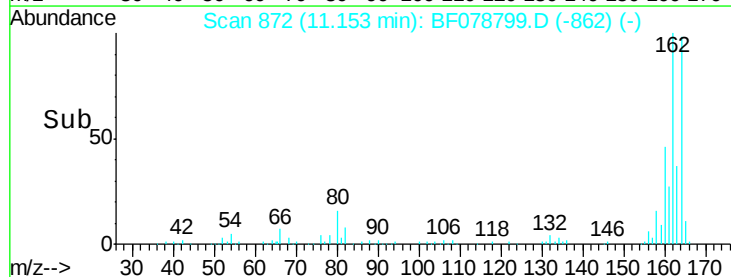
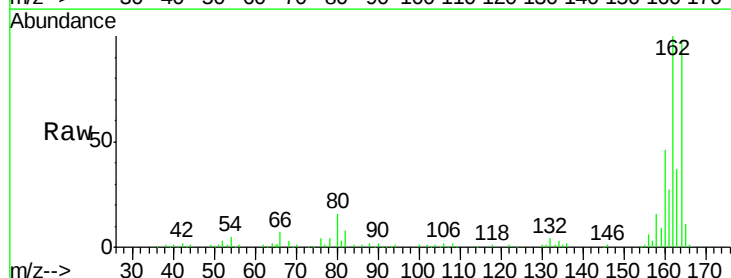
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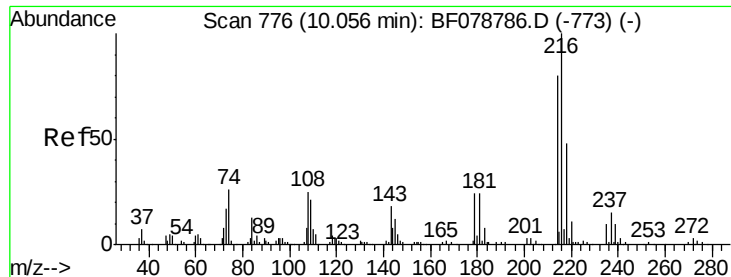
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion:	164	Resp:	182752
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.7	124.1
160	46.4	35.8	53.8





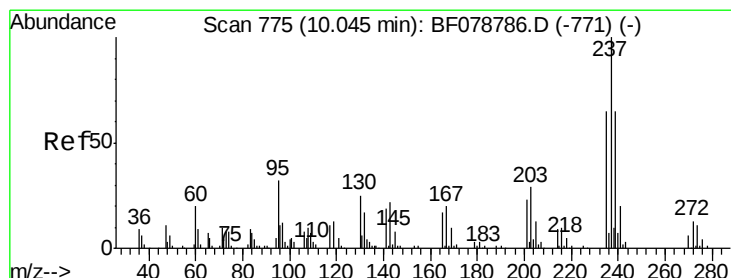
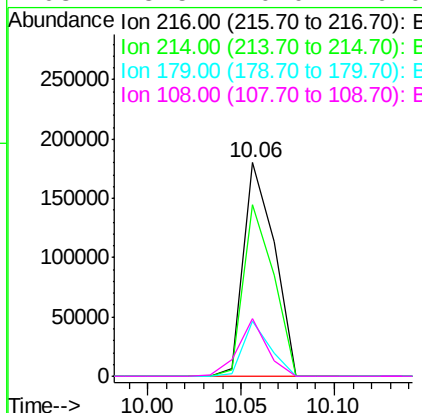
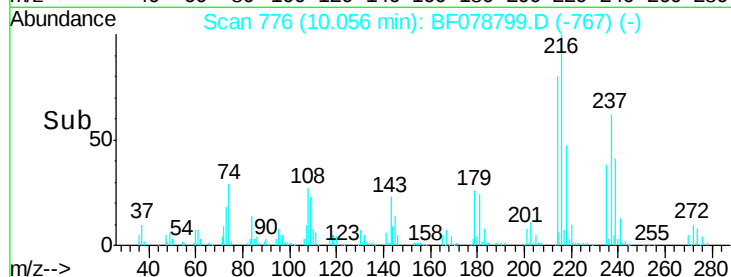
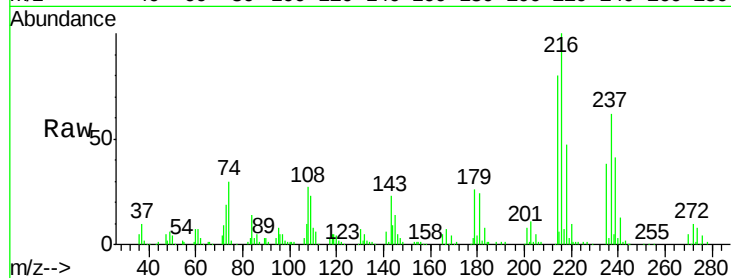
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.82 ng
 RT: 10.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ion	Ratio	Resp Lower	Upper
216	100			
214	78.2	0.0	0.0	#
179	22.6	0.0	0.0	#
108	25.5	0.0	0.0	#

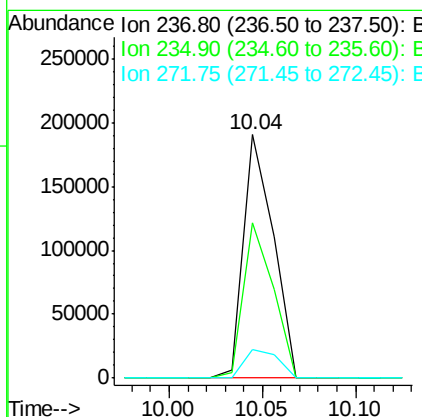
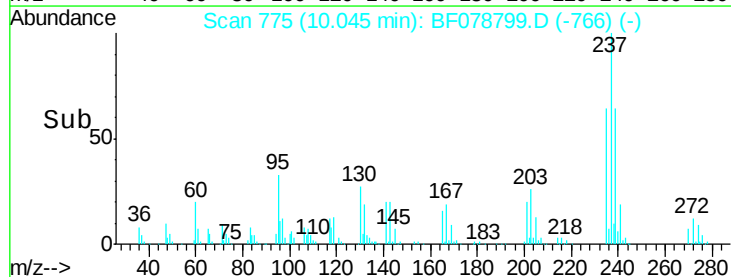
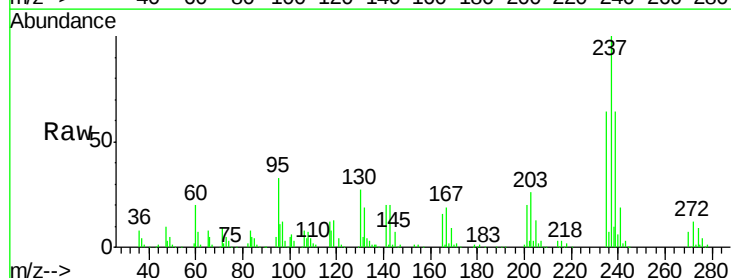
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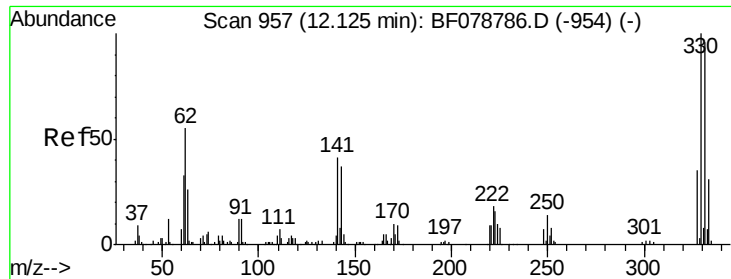
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#40
 Hexachlorocyclopentadiene
 Concen: 96.98 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ion	Ratio	Resp Lower	Upper
237	100			
235	63.8	44.7	84.7	
272	11.5	0.0	32.6	





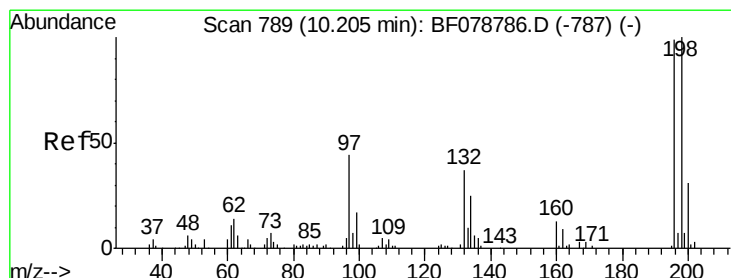
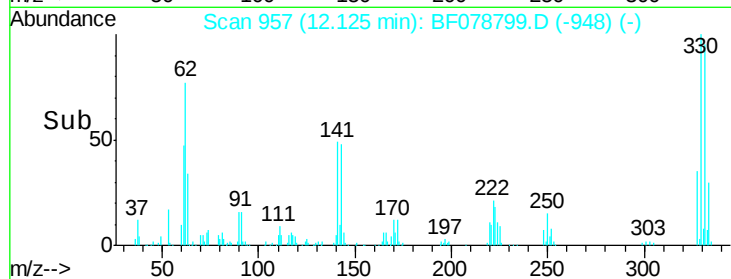
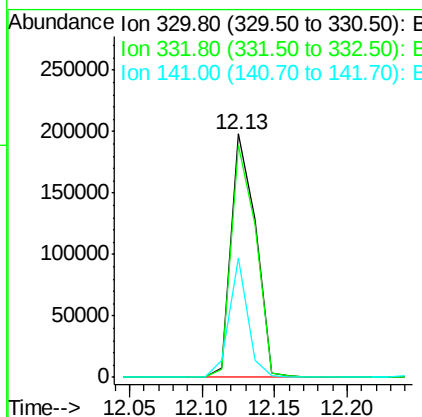
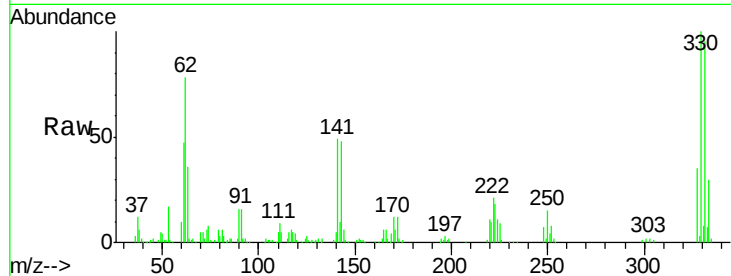
#41
 2,4,6-Tribromophenol
 Concen: 129.04 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampled :
 PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	234374		
332	95.8	0.0	0.0	0.0
141	36.9	0.0	0.0	0.0

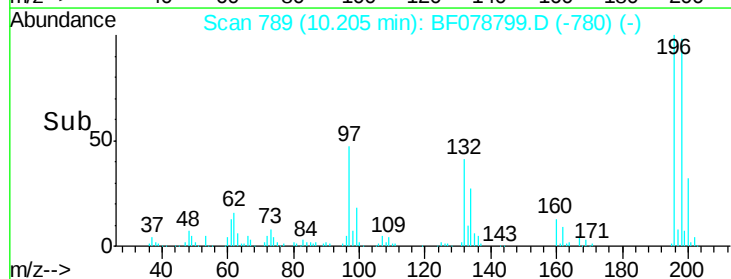
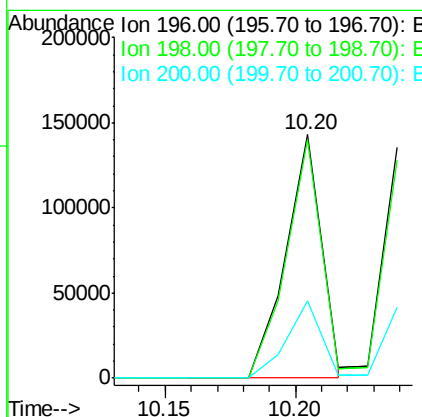
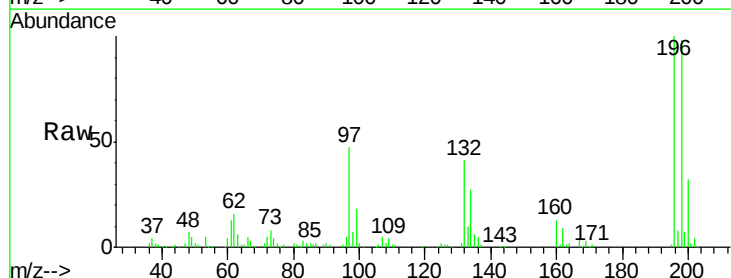
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 42.99 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

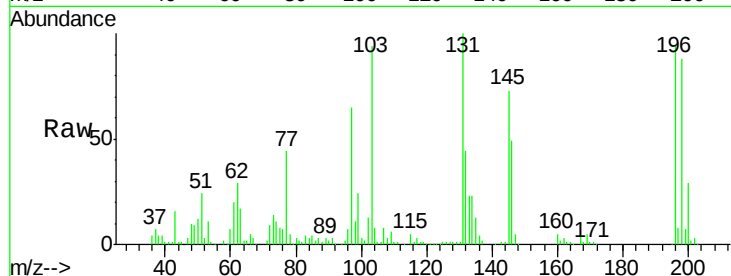
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135629		
198	98.2	80.5	120.7	
200	31.6	24.9	37.3	





#43
 2,4,5-Trichlorophenol
 Concen: 43.78 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

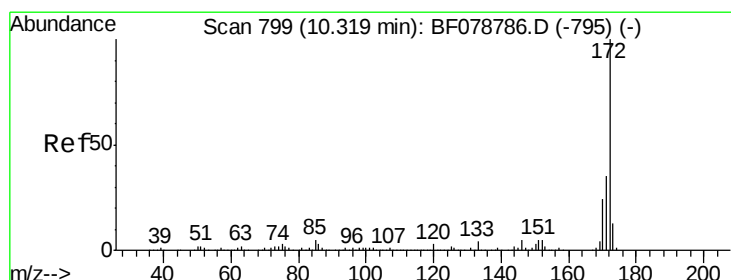
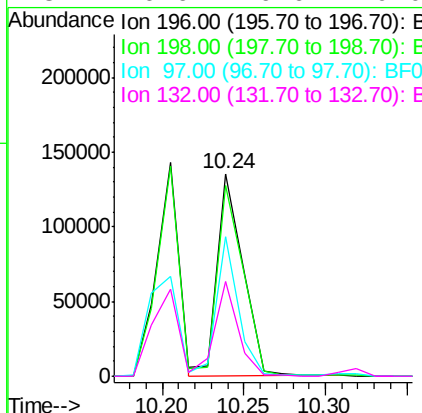
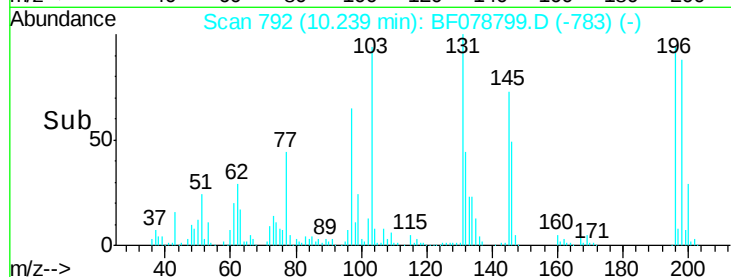
Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS



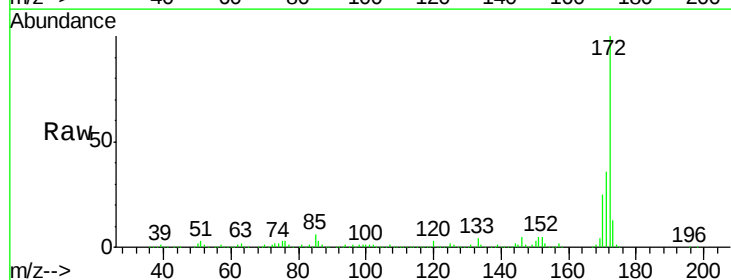
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		147028		
198	94.3	79.8	119.6		
97	69.0	46.0	69.0		
132	46.6	26.6	40.0#		

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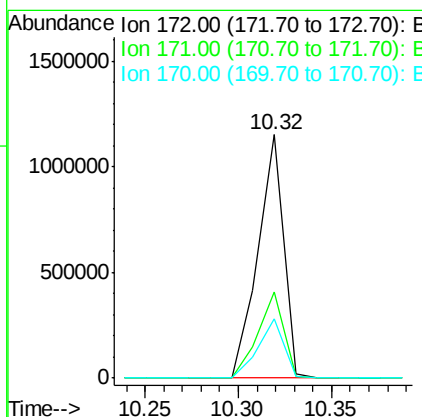
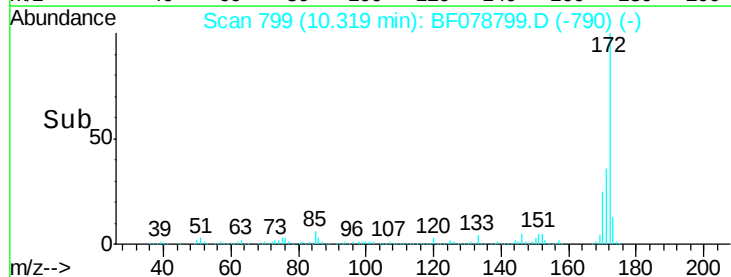
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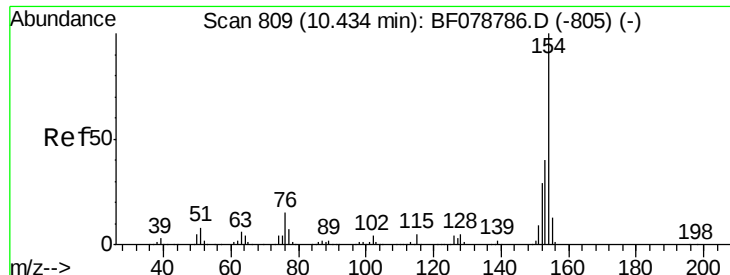


#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1092707		
171	35.5	27.9	41.9		
170	24.5	19.4	29.0		





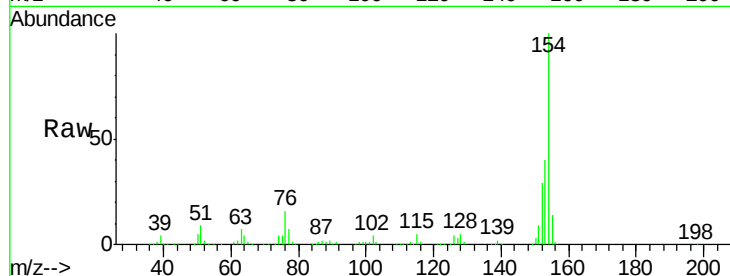
#45
 1,1'-Biphenyl
 Concen: 41.94 ng
 RT: 10.43 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

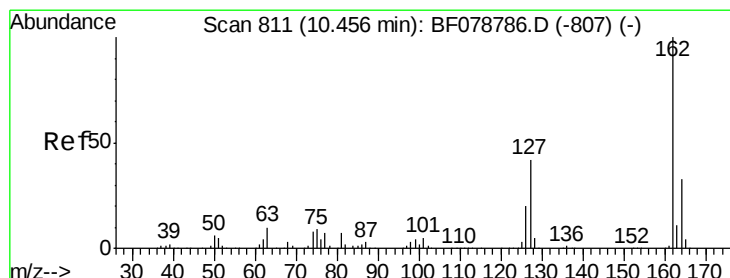
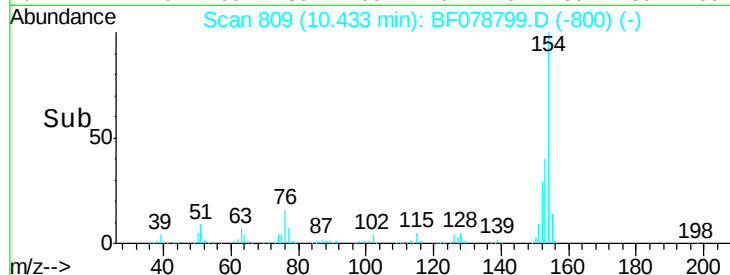
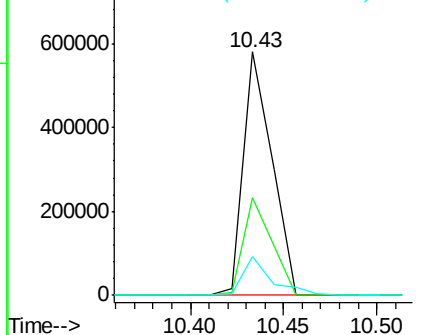
Tot Ion:	154	Resp:	615152
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.9	59.9
76	16.0	0.0	35.0

Manual Integrations
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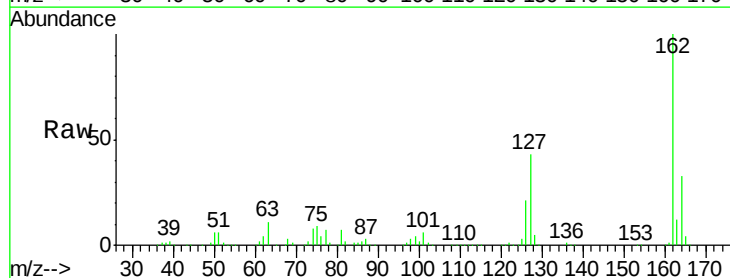


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

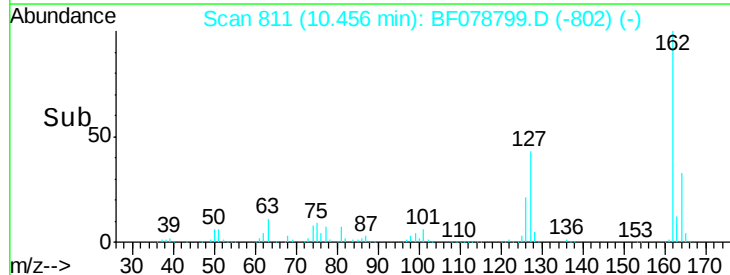
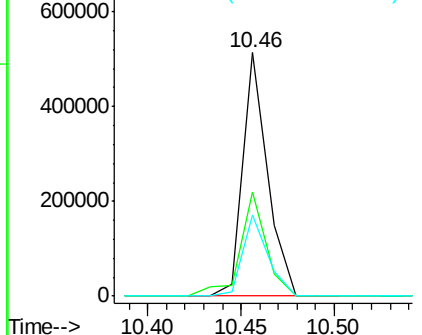


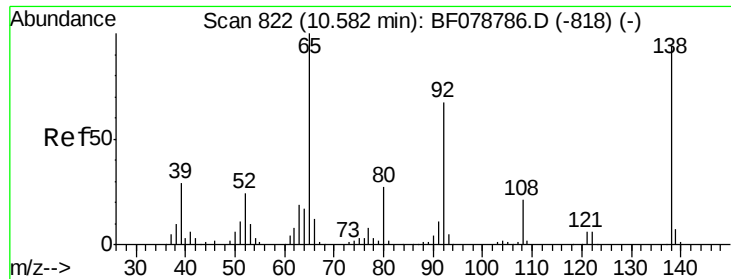
#46
 2-Chloronaphthalene
 Concen: 41.34 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion:	162	Resp:	473794
Ion Ratio	Lower	Upper	
162	100		
127	42.7	33.9	50.9
164	33.1	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





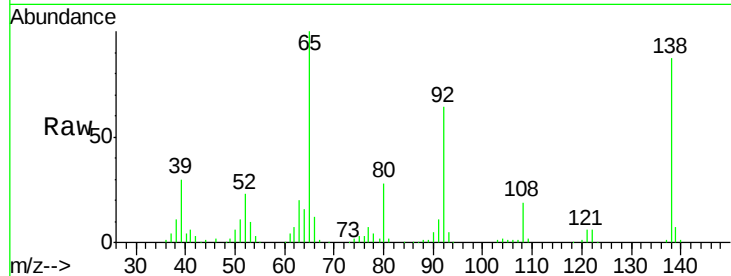
#47
2-Nitroaniline
Concen: 48.48 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

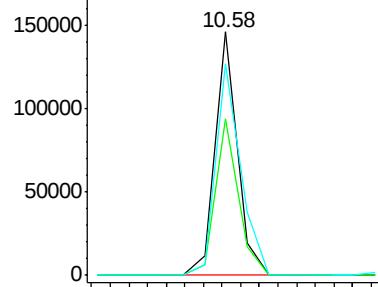
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	54.0	81.0
138	87.2	75.0	112.6

Manual Integrations
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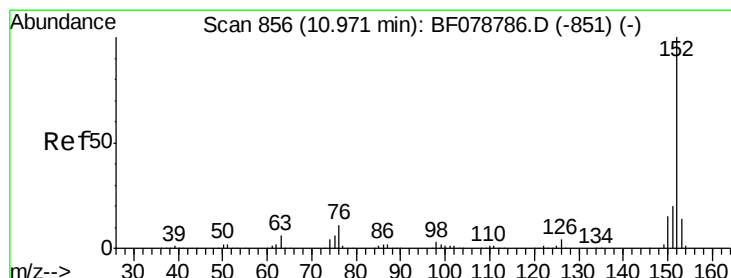
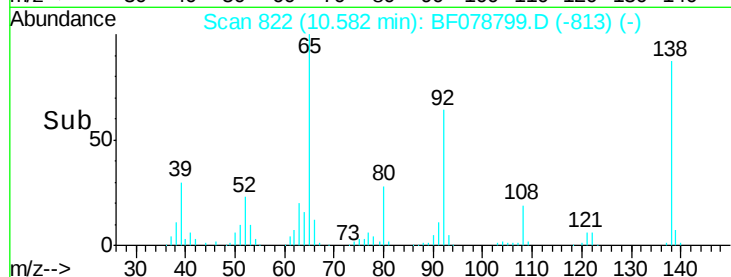
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

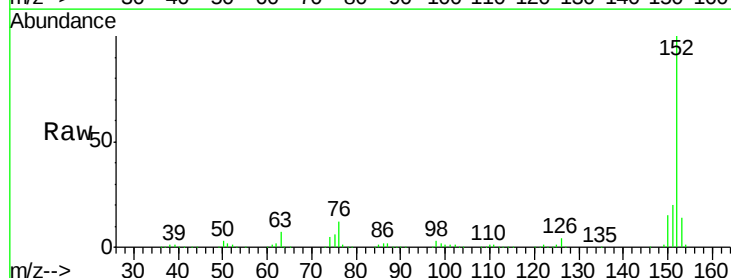


Time-->

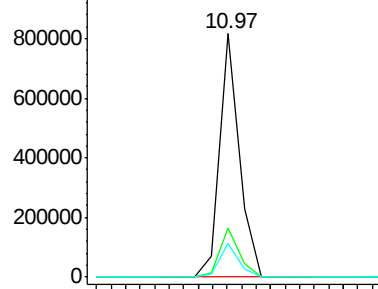


#48
Acenaphthylene
Concen: 40.98 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

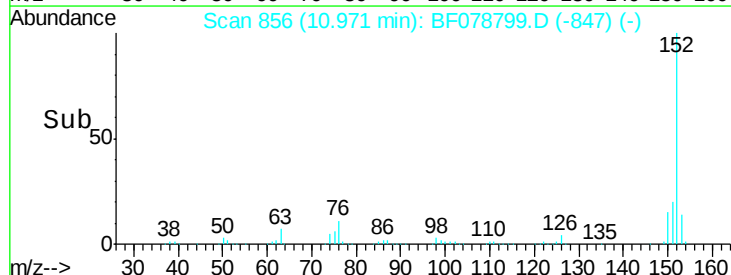
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.9	10.9	16.3

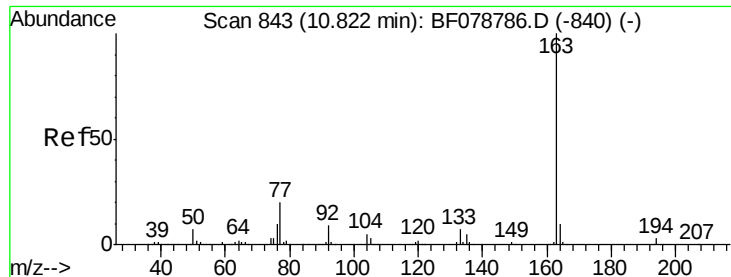


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





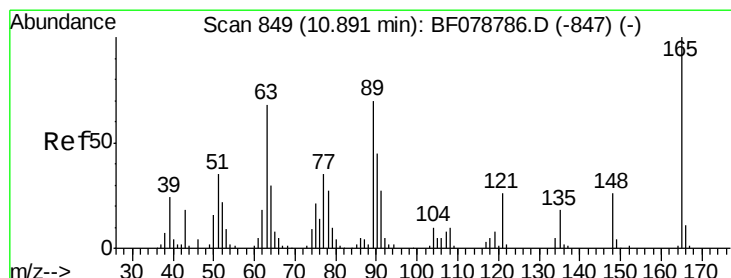
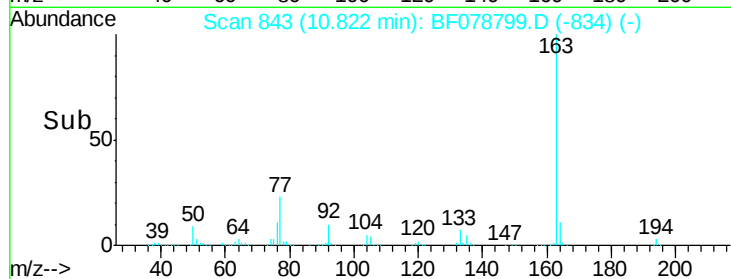
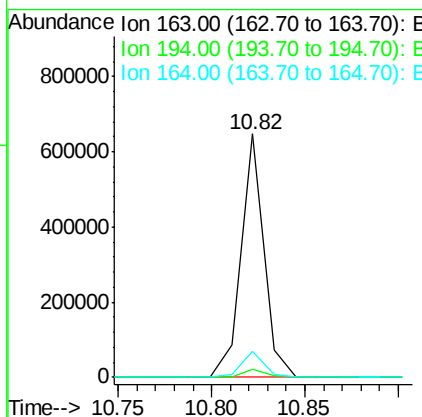
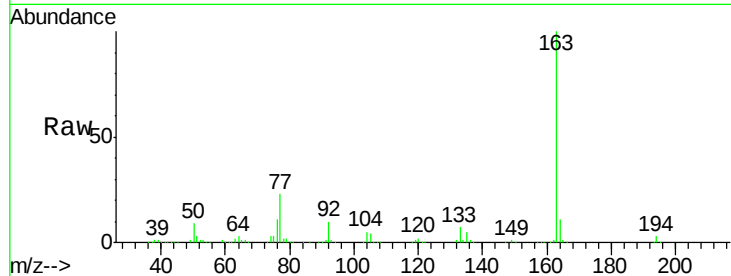
#49
Dimethylphthalate
Concen: 42.60 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	553476		
194	3.3		2.6	4.0
164	10.5		8.1	12.1

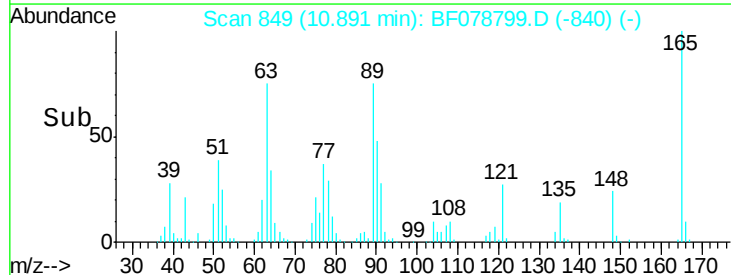
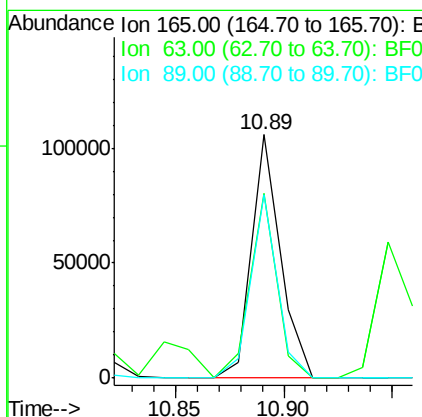
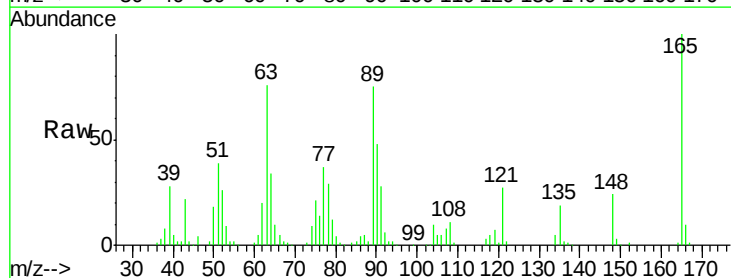
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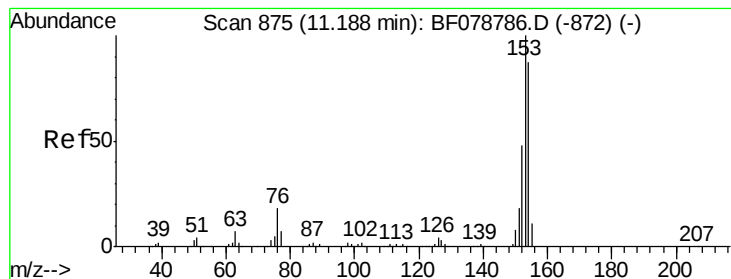
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#50
2,6-Dinitrotoluene
Concen: 46.08 ng
RT: 10.89 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	97533		
63	75.9		54.4	81.6
89	75.1		55.7	83.5





#51

Acenaphthene

Concen: 43.27 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

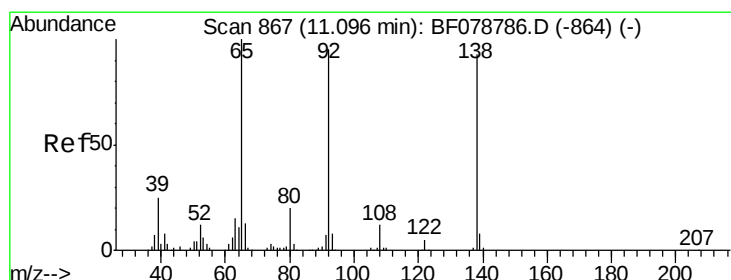
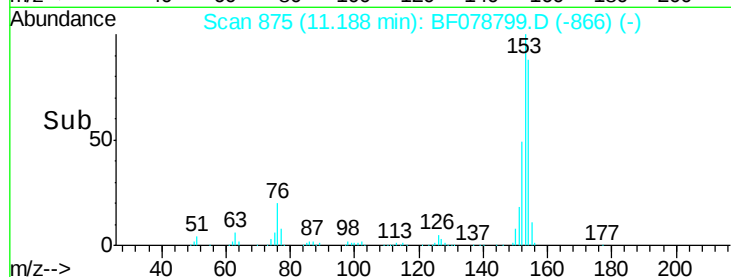
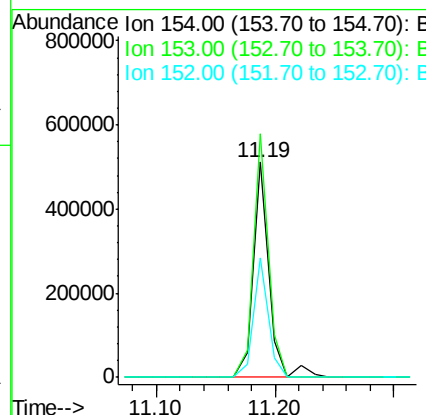
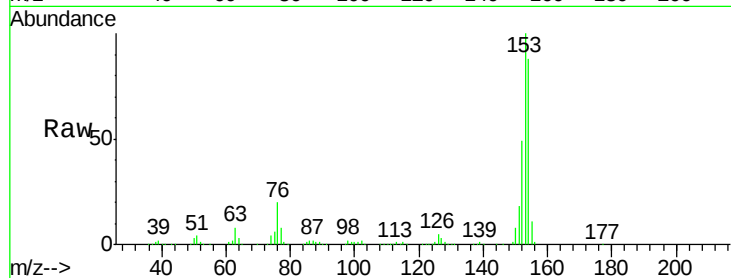
ClientSampleId :

PB82973BS

Tot Ion:	154	Resp:	476581
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.5	137.3
152	55.4	44.2	66.4

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#52

3-Nitroaniline

Concen: 27.73 ng

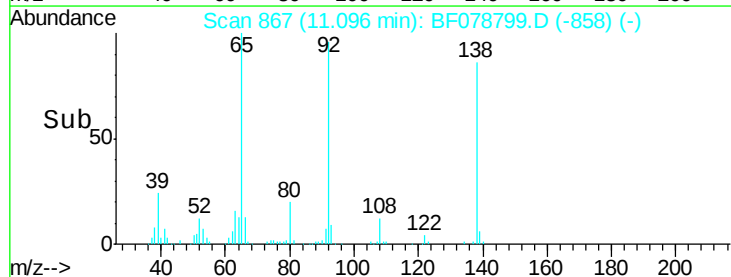
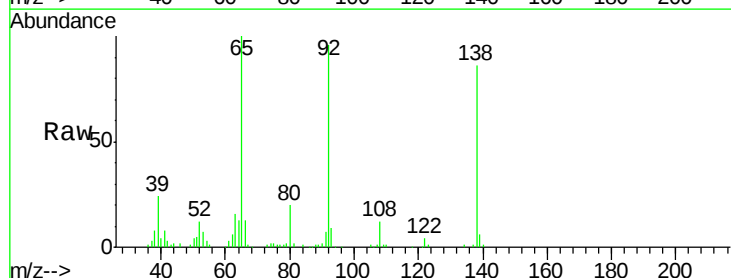
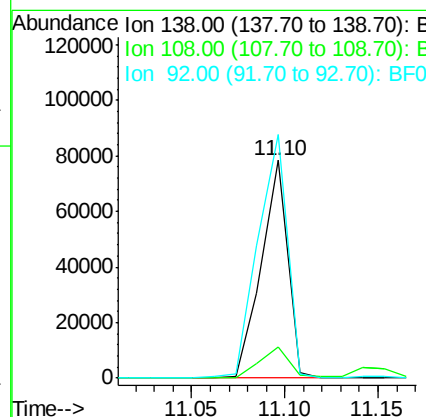
RT: 11.10 min Scan# 867

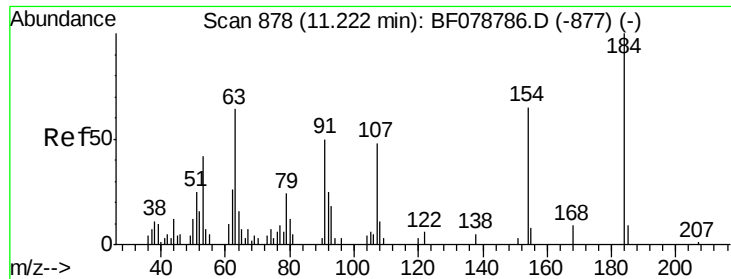
Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	138	Resp:	76147
Ion Ratio	Lower	Upper	
138	100		
108	14.4	10.6	16.0
92	111.8	81.8	122.6





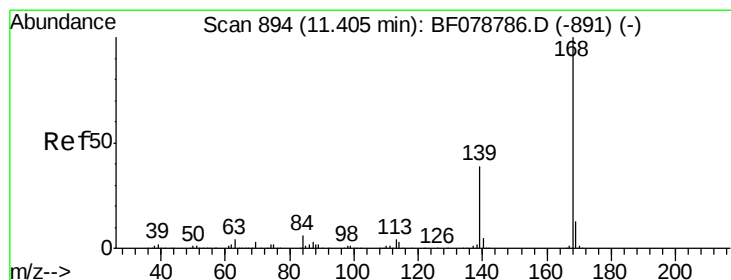
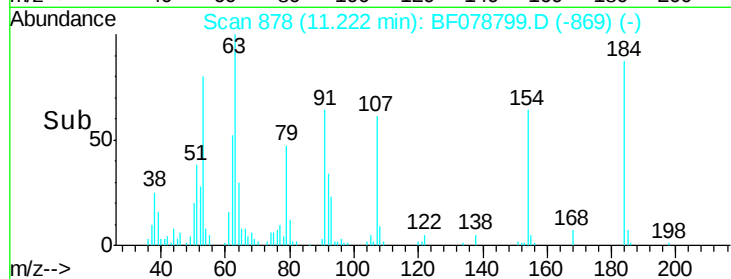
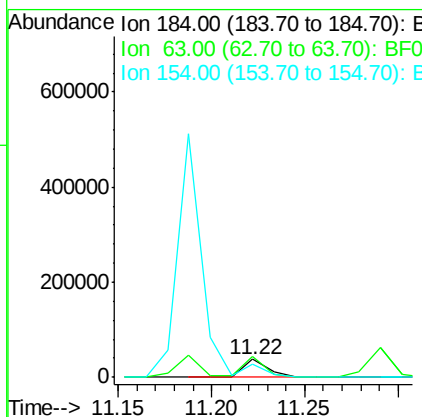
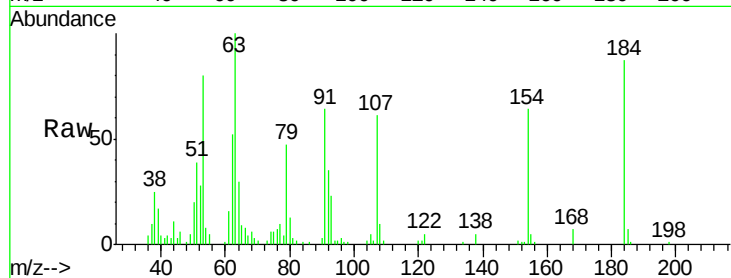
#53
 2,4-Dinitrophenol
 Concen: 109.71 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	36750		
63	114.5	63.3	94.9	#
154	73.5	53.8	80.6	

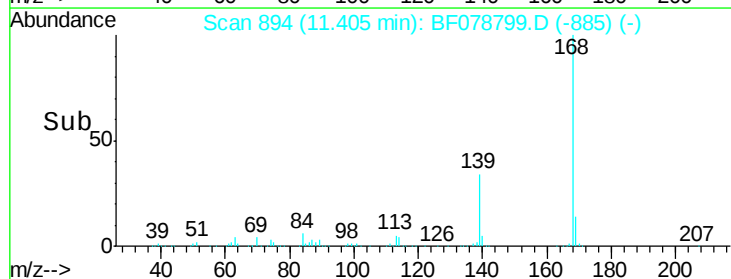
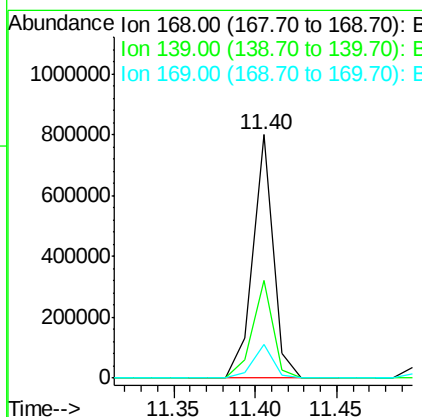
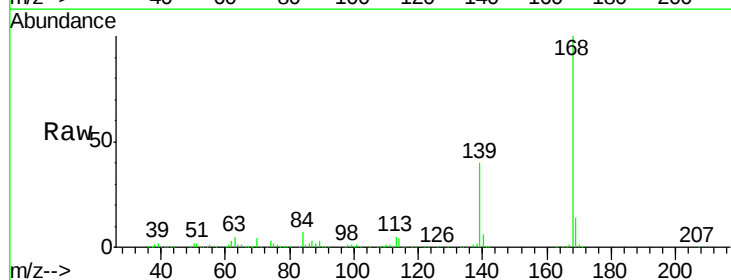
Manual Integrations
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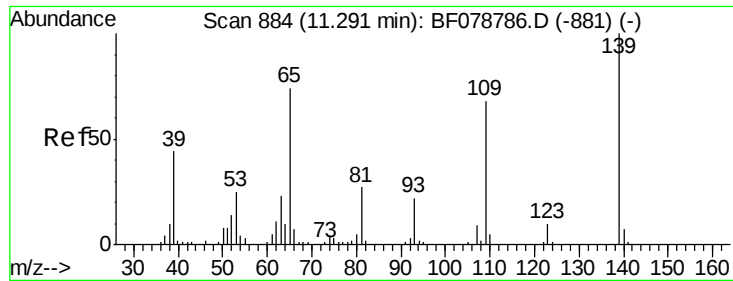
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#54
 Dibenzofuran
 Concen: 43.14 ng
 RT: 11.40 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	697182		
139	40.3	31.0	46.4	
169	13.9	10.6	16.0	





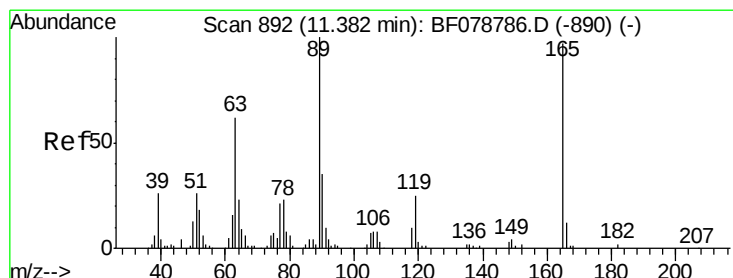
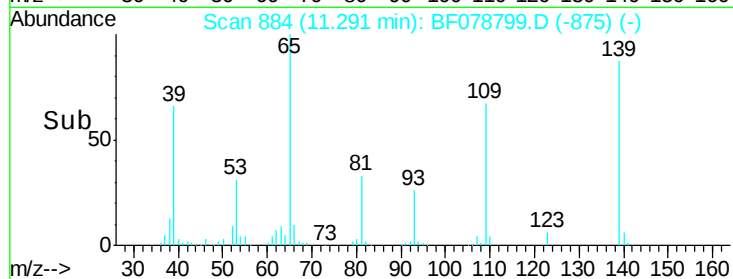
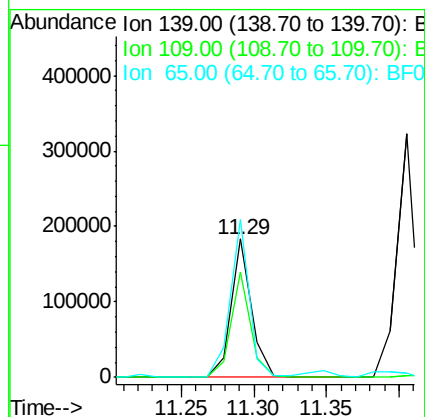
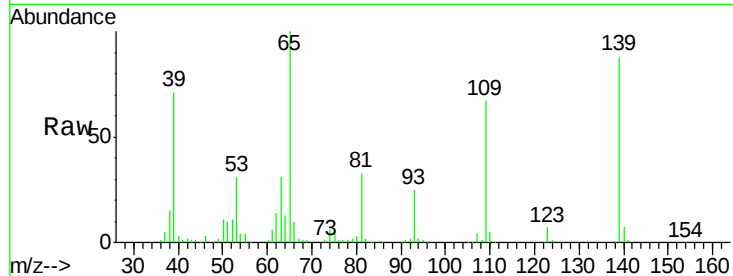
#55
4-Nitrophenol
Concen: 81.06 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.9	47.6	87.6	
65	113.9	54.3	94.3	

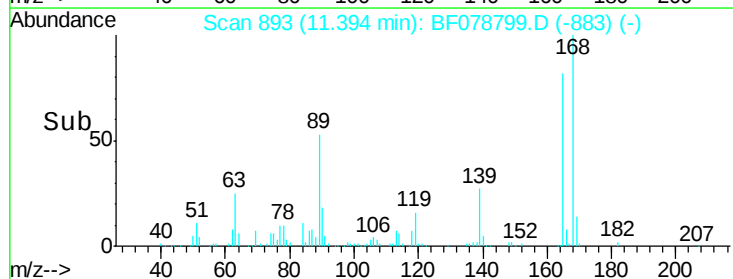
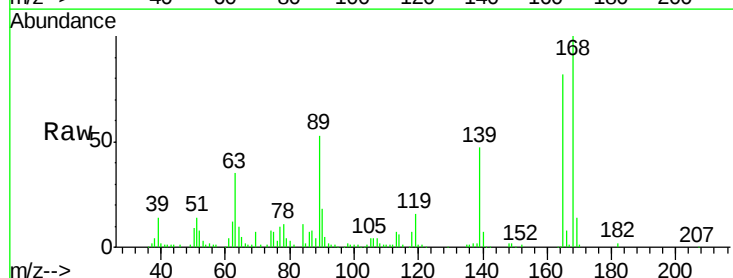
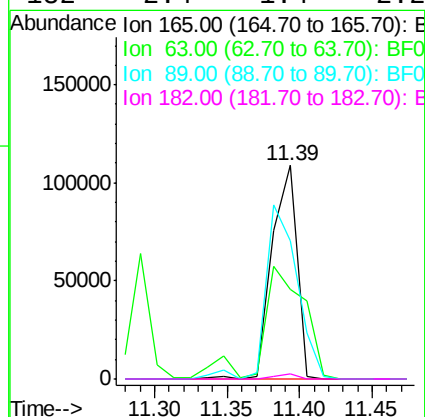
Manual Integrations
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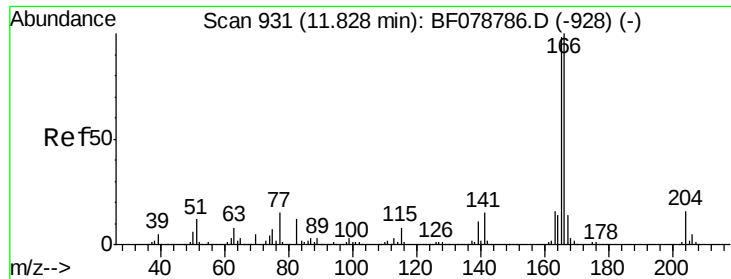
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#56
2,4-Dinitrotoluene
Concen: 50.15 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.1	51.2	76.8	
89	64.5	82.7	124.1	
182	2.4	1.4	2.2	





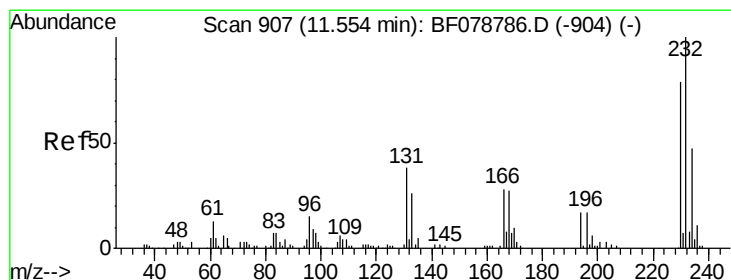
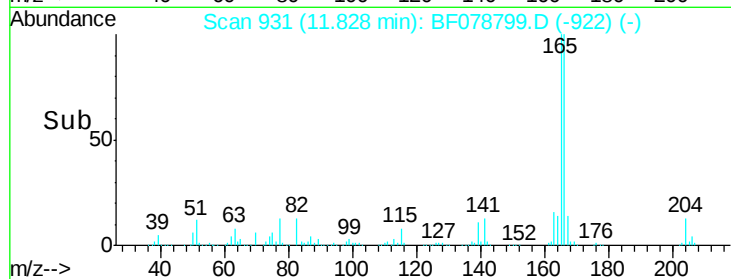
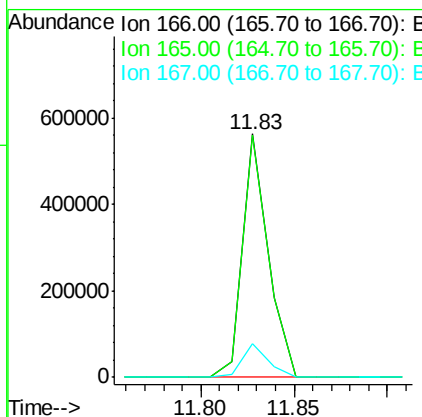
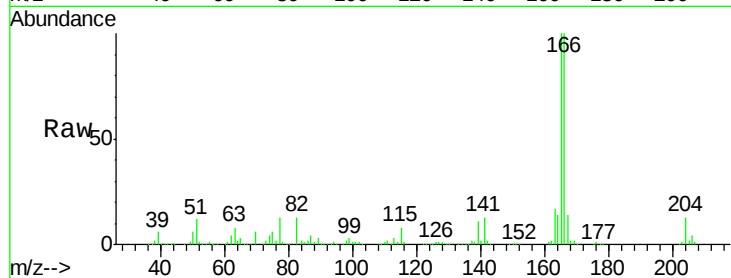
#57
 Fluorene
 Concen: 41.70 ng
 RT: 11.83 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	538633		
165	99.6	78.5	117.7	
167	13.9	11.0	16.6	

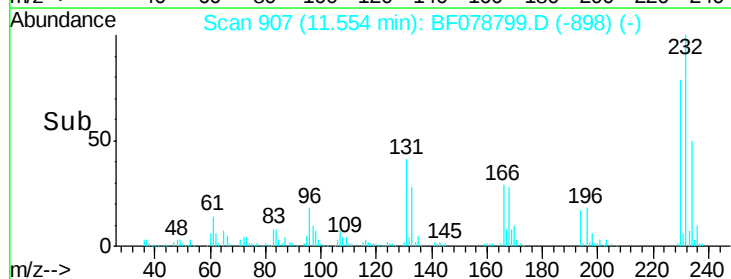
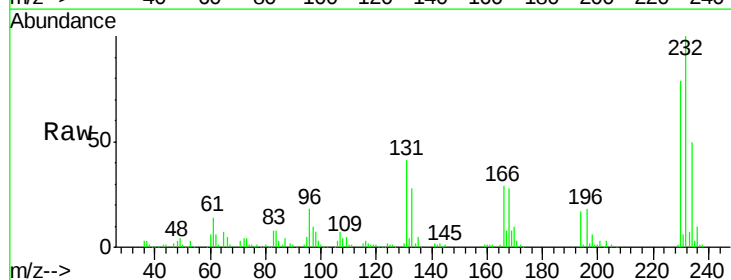
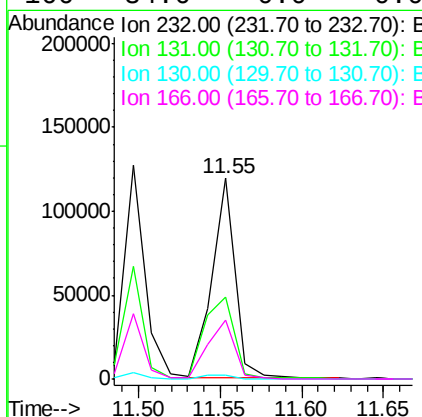
Manual Integrations
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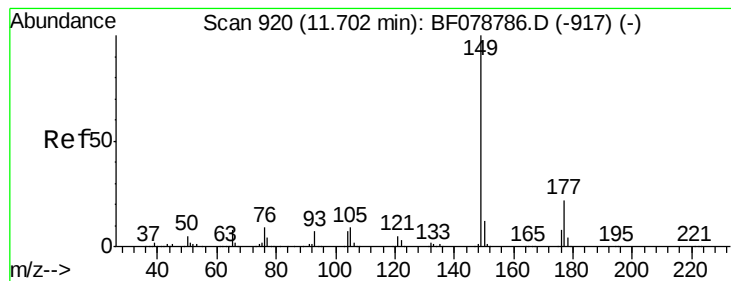
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.70 ng
 RT: 11.55 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	117429		
131	54.9	0.0	0.0#	
130	2.7	0.0	0.0#	
166	34.6	0.0	0.0#	





#59

Diethylphthalate

Concen: 43.76 ng

RT: 11.70 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

ClientSampleId :

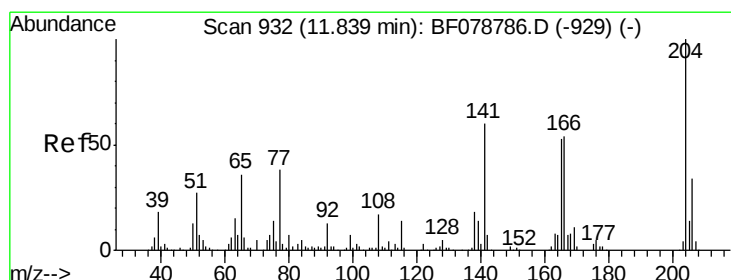
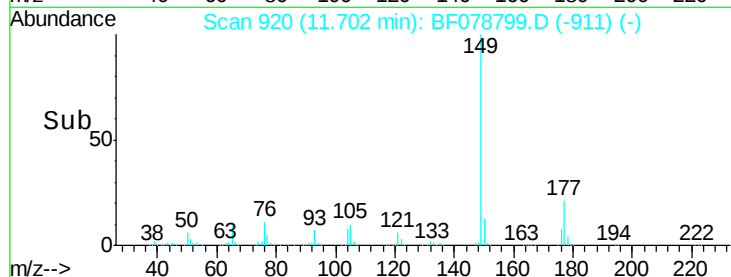
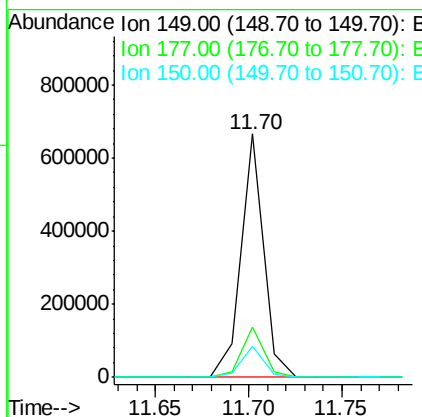
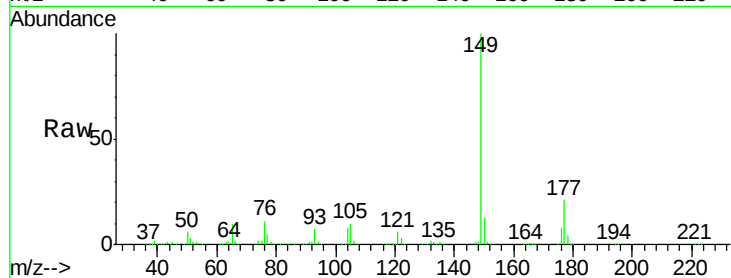
PB82973BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	20.9		17.5	26.3	
150	12.8		9.6	14.4	



#60

4-Chlorophenyl-phenylether

Concen: 44.36 ng

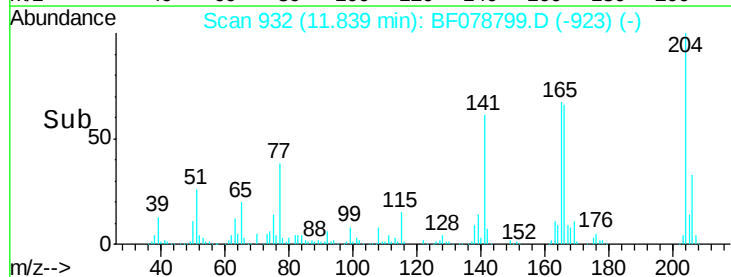
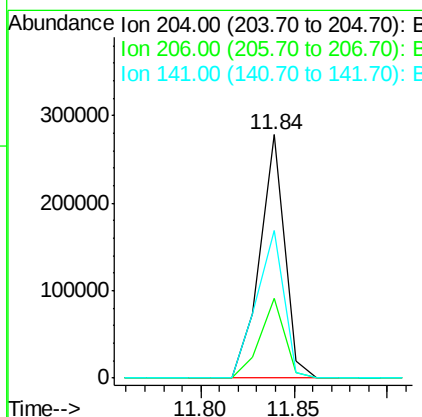
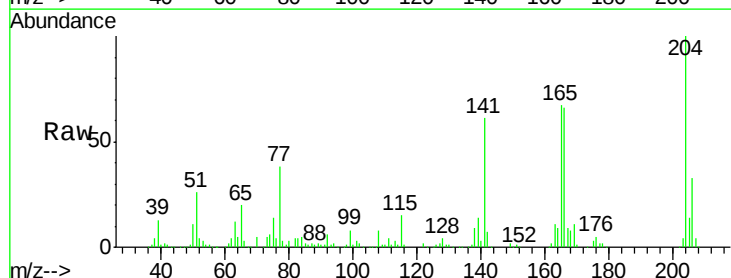
RT: 11.84 min Scan# 932

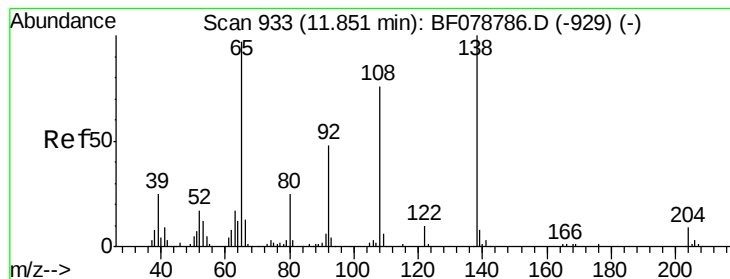
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100				
206	32.6		26.9	40.3	
141	60.5		48.3	72.5	





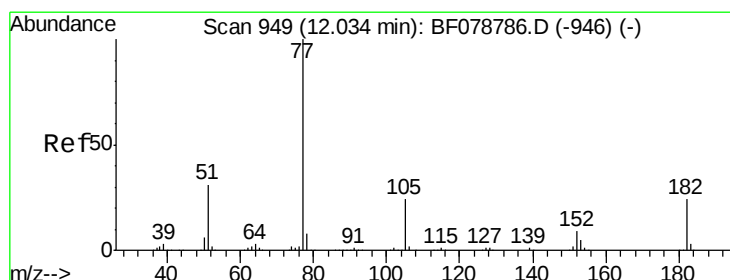
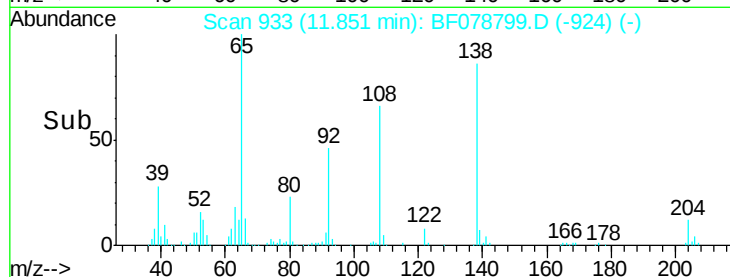
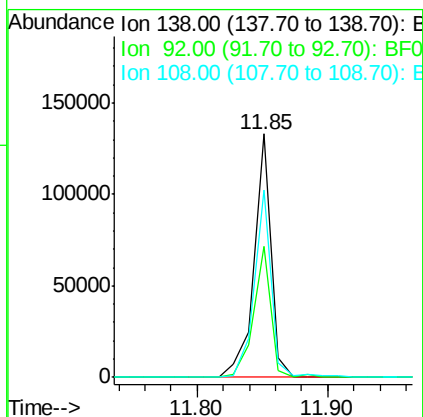
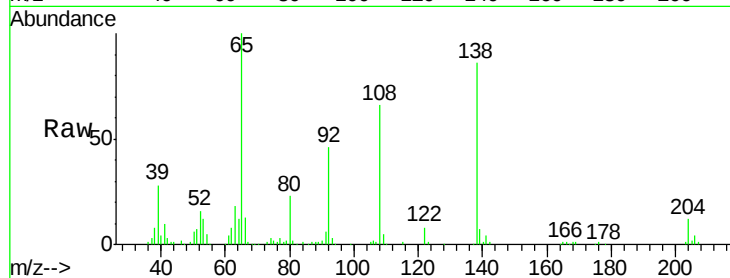
#61
4-Nitroaniline
Concen: 43.56 ng
RT: 11.85 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	121520		
92	53.7	28.0	68.0	
108	76.8	56.3	96.3	

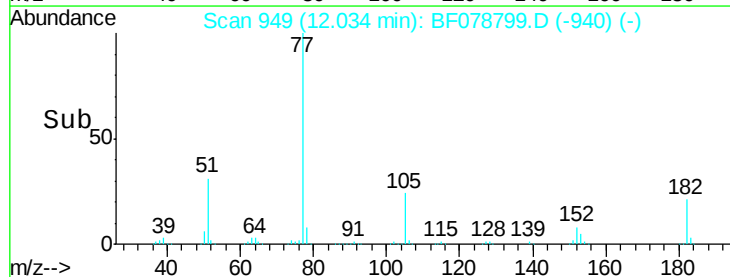
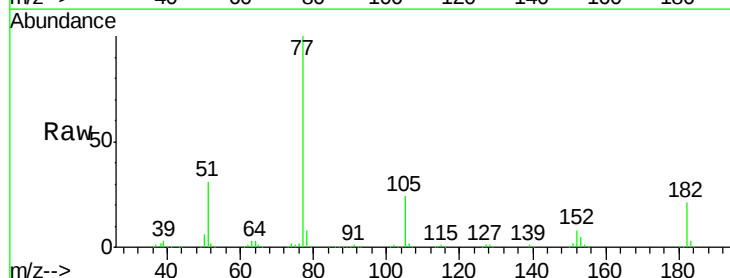
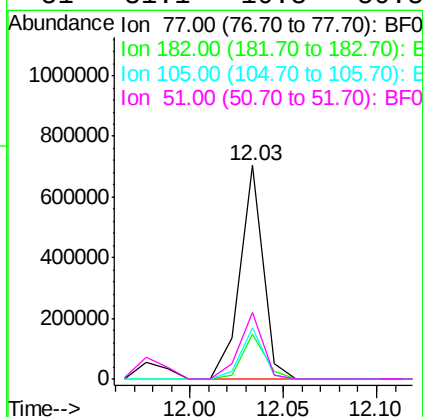
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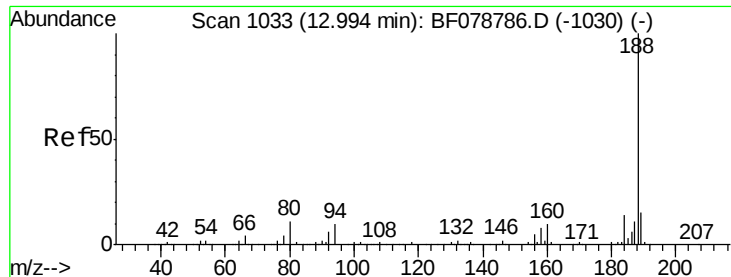
apatel
4/29/2015 3:53:38 PM



#62
Azobenzene
Concen: 46.45 ng
RT: 12.03 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	612369		
182	20.9	3.8	43.8	
105	23.8	3.9	43.9	
51	31.1	10.8	50.8	





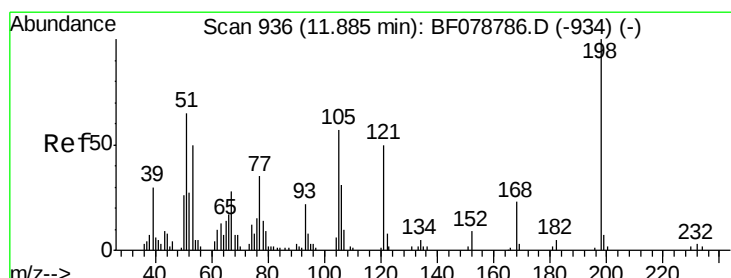
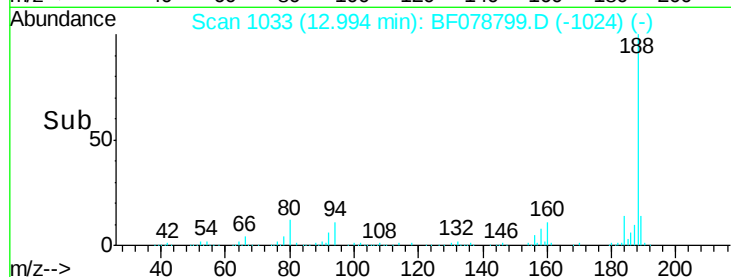
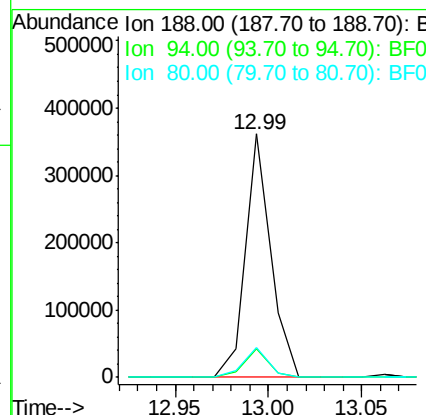
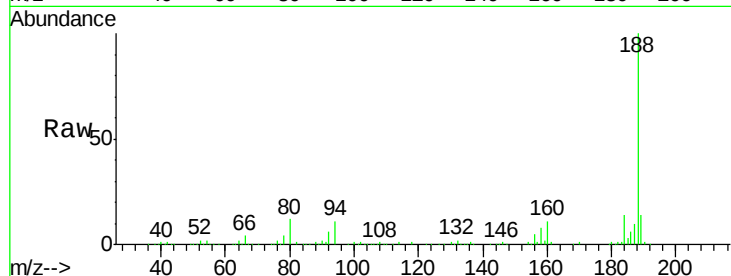
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion:	188	Resp:	344809
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.2	12.2
80	12.1	8.9	13.3

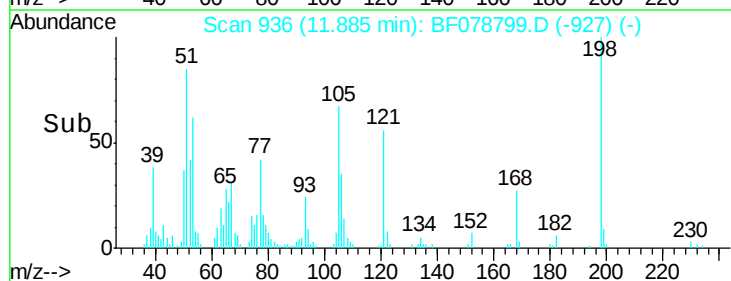
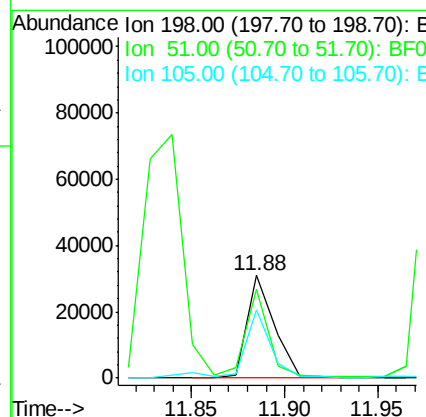
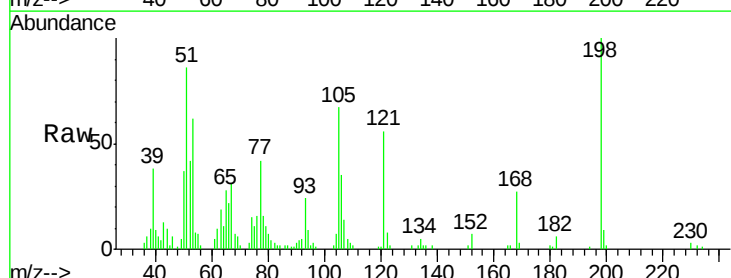
Manual Integrations
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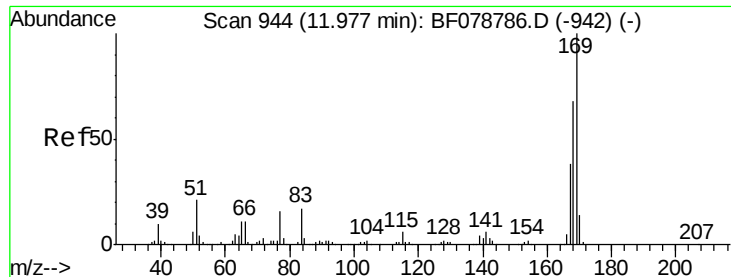
apatel
4/29/2015 3:53:38 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 53.30 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion:	198	Resp:	31439
Ion Ratio	Lower	Upper	
198	100		
51	86.1	47.3	87.3
105	66.9	38.8	78.8





#65

n-Nitrosodiphenylamine

Concen: 43.37 ng

RT: 11.99 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

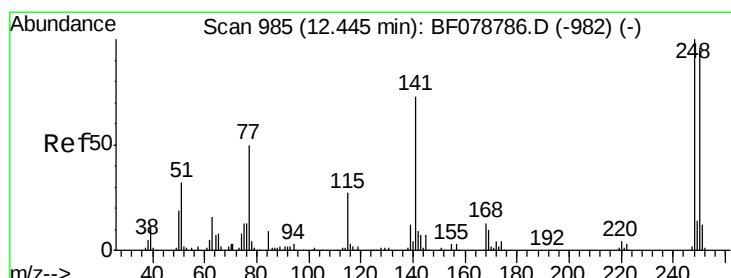
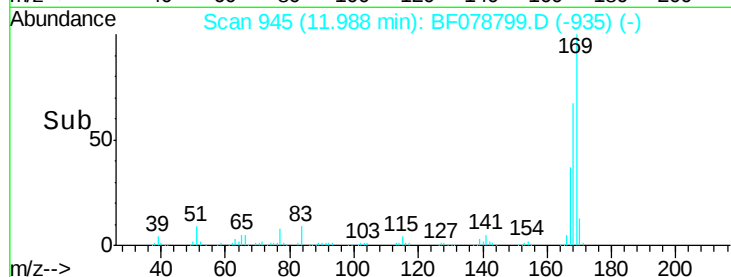
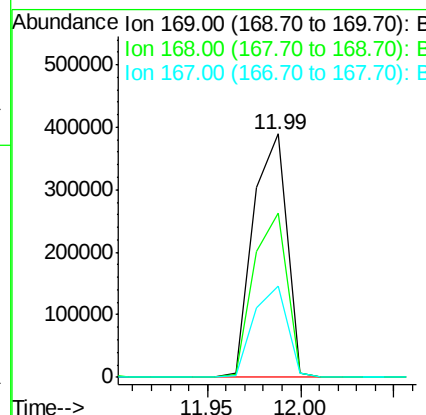
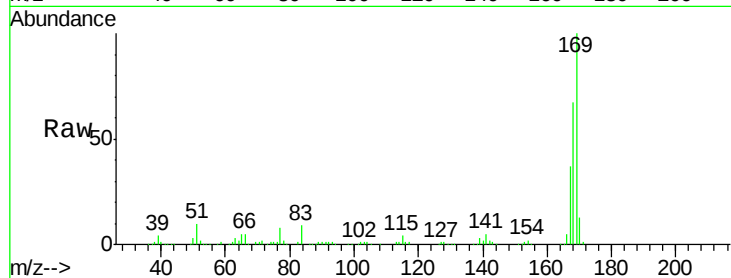
ClientSampleId :

PB82973BS

Tot Ion:	169	Resp:	483488
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.6	82.0
167	37.3	30.6	45.8

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 43.85 ng

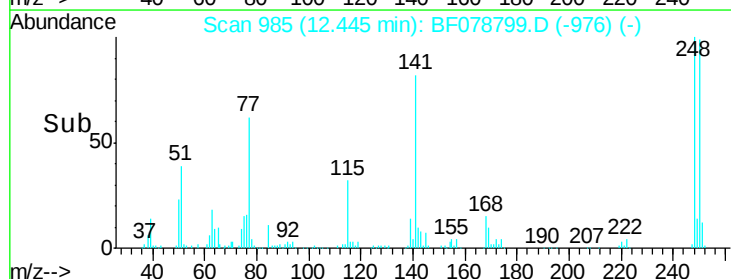
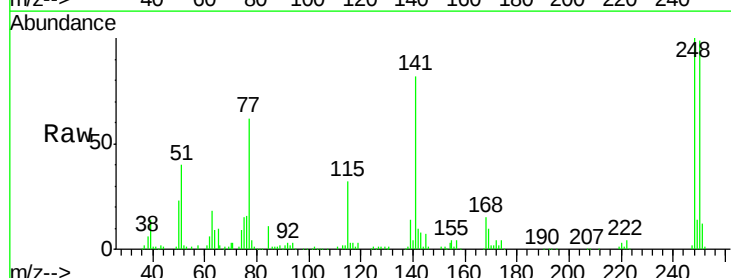
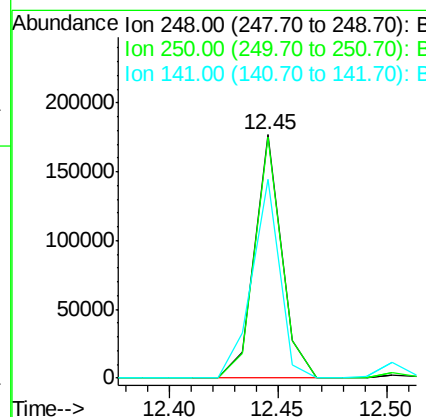
RT: 12.45 min Scan# 985

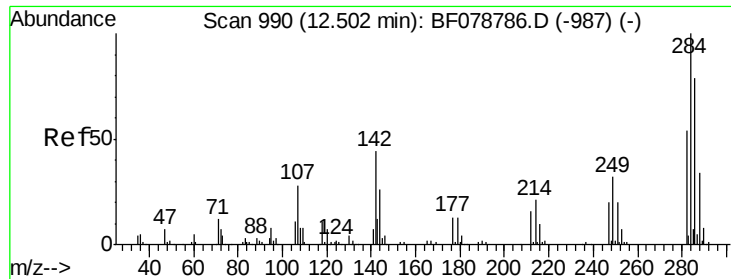
Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:	248	Resp:	152623
Ion Ratio	Lower	Upper	
248	100		
250	99.0	77.1	115.7
141	81.7	58.8	88.2





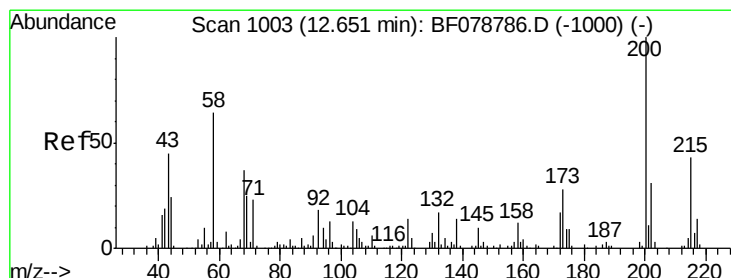
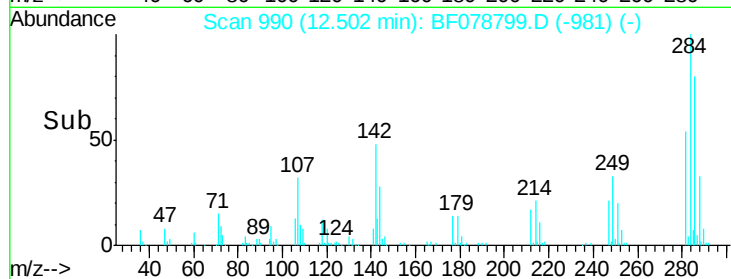
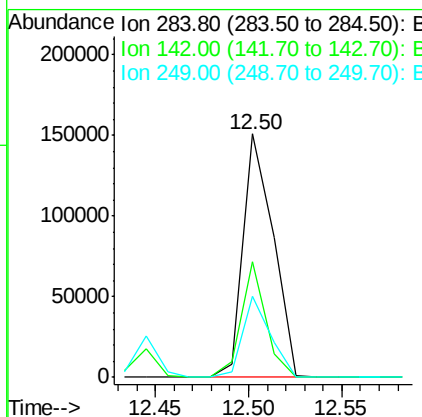
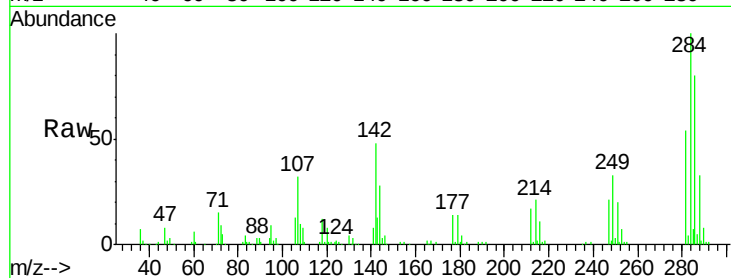
#67
Hexachlorobenzene
Concen: 42.90 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	47.7	35.2	52.8
249	33.1	25.4	38.2

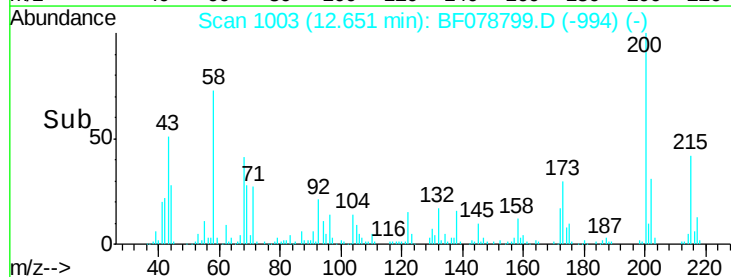
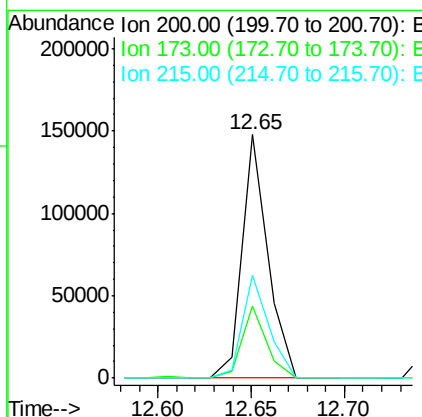
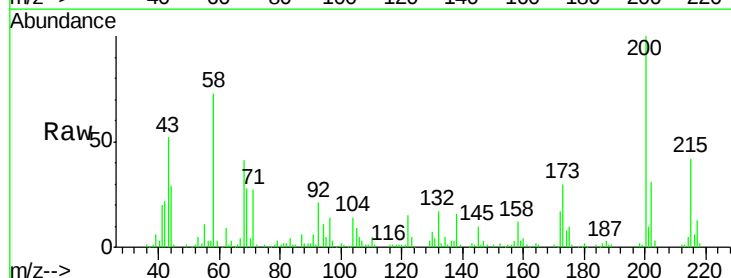
Manual Integrations
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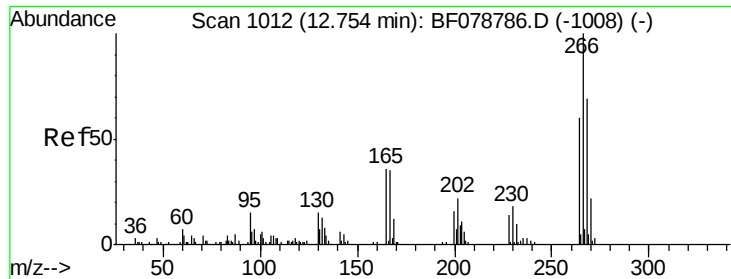
apatel
4/29/2015 3:53:38 PM



#68
Atrazine
Concen: 47.39 ng
RT: 12.65 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.7	8.1	48.1
215	42.3	22.9	62.9





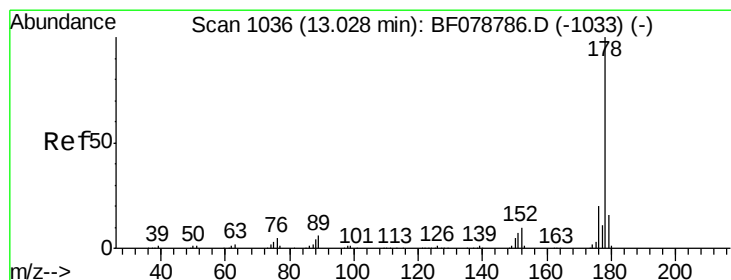
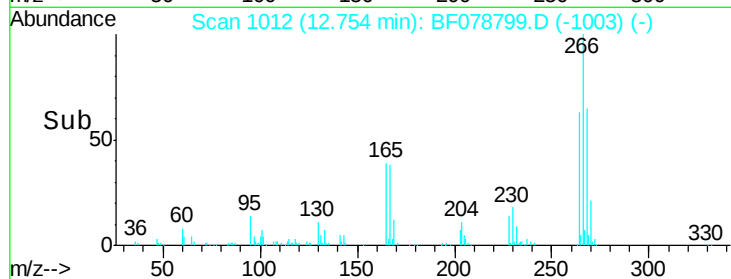
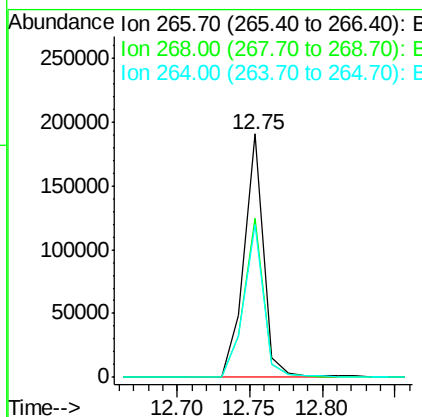
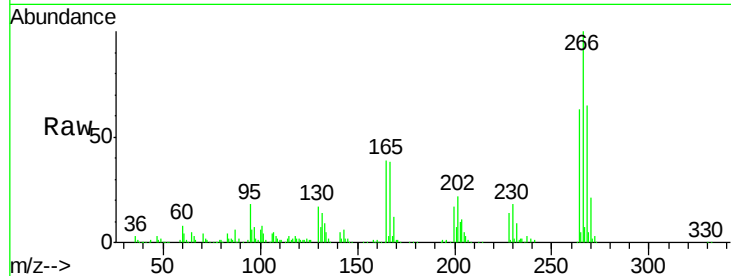
#69
 Pentachlorophenol
 Concen: 85.58 ng
 RT: 12.75 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	180922		
268	65.5	55.0	82.6	
264	62.8	48.2	72.2	

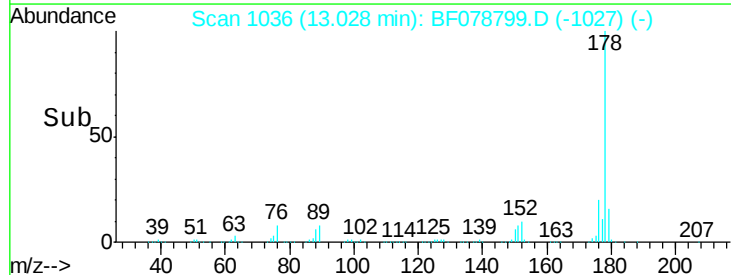
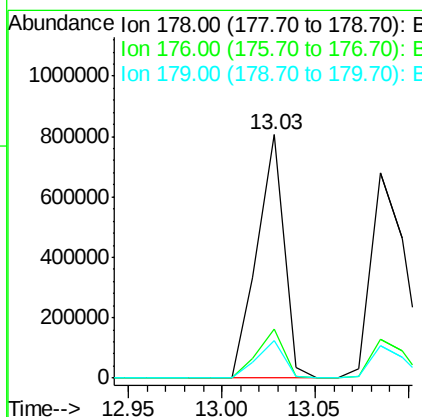
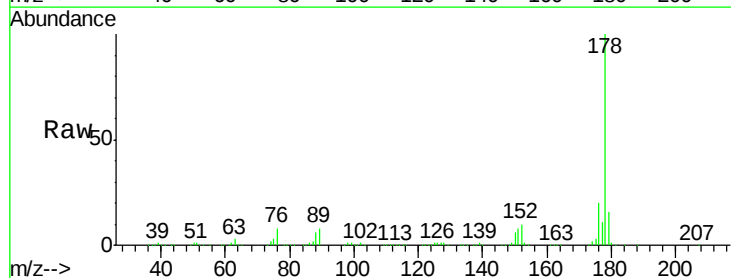
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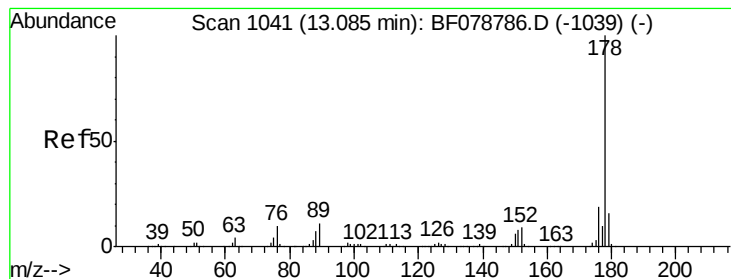
apatel
 4/29/2015 3:53:38 PM



#70
 Phenanthrene
 Concen: 43.40 ng
 RT: 13.03 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	810183		
176	20.2	15.8	23.8	
179	15.6	12.5	18.7	





#71

Anthracene

Concen: 44.32 ng

RT: 13.09 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA_F

ClientSampleId :

PB82973BS

Tot Ion:178 Resp: 808943

Ion Ratio Lower Upper

178 100

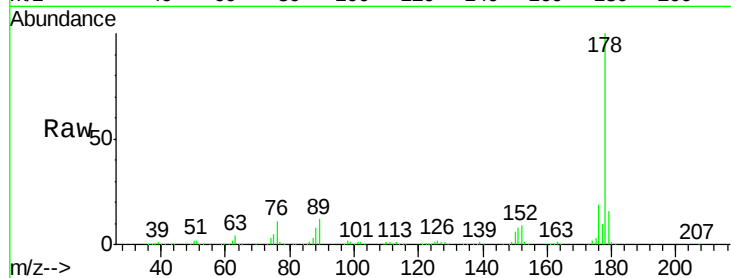
176 19.1 15.5 23.3

179 16.0 12.7 19.1

Manual Integrations
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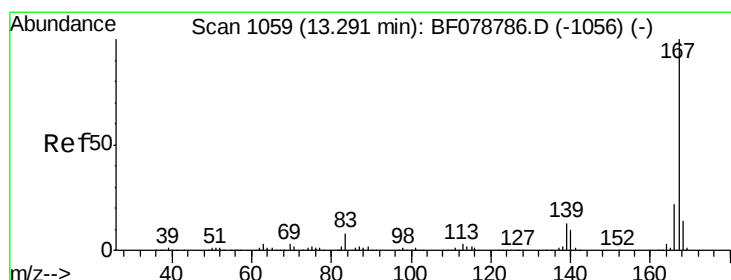
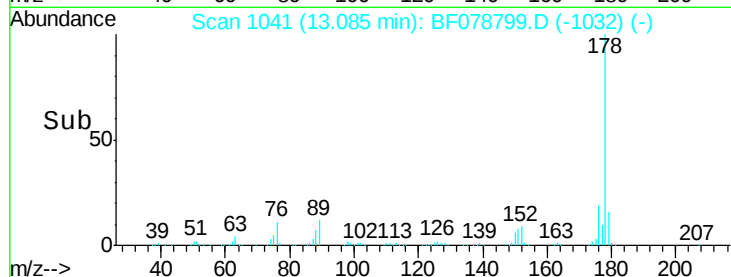
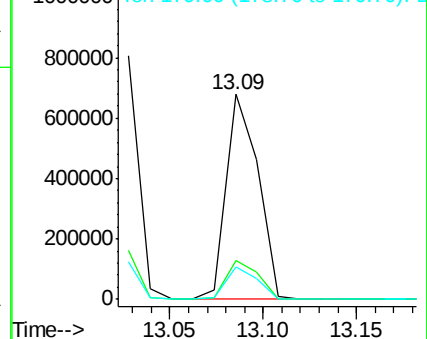
4/29/2015 3:53:38 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.39 ng

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

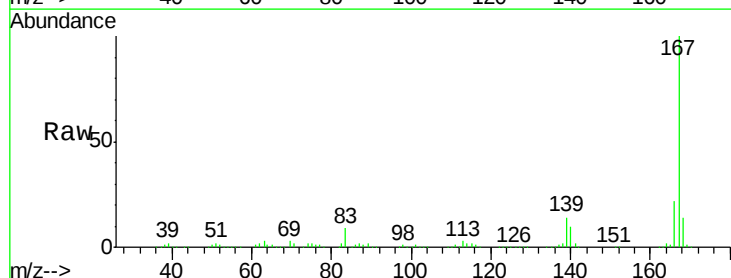
Tgt Ion:167 Resp: 799602

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

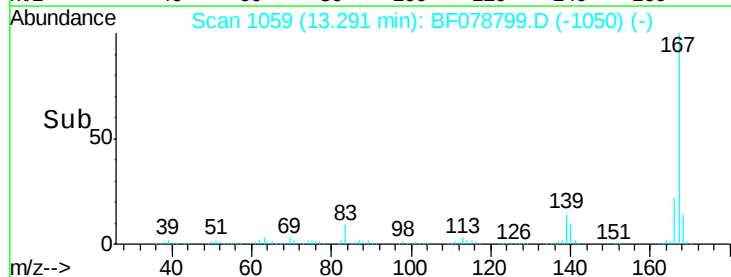
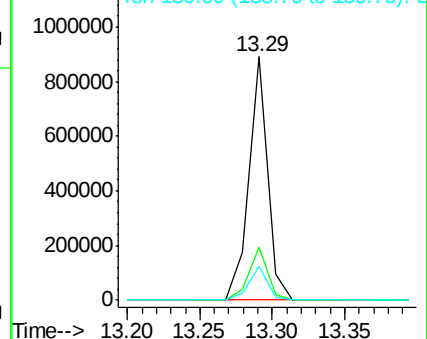
139 13.8 10.6 16.0

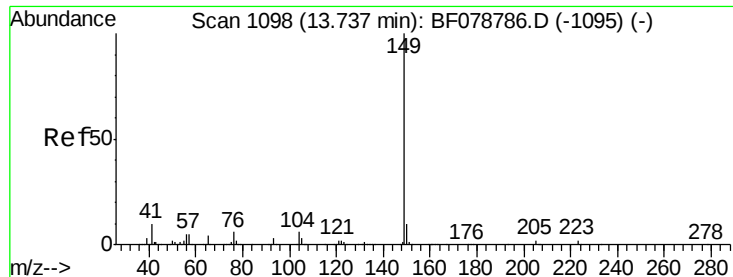


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





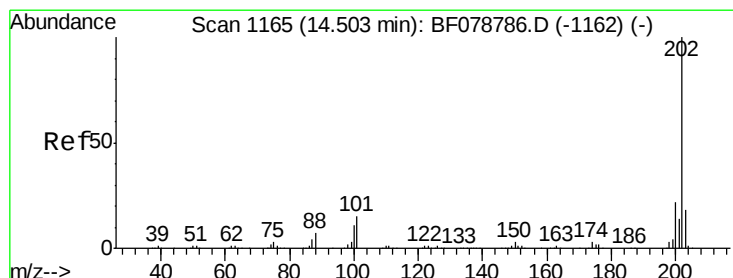
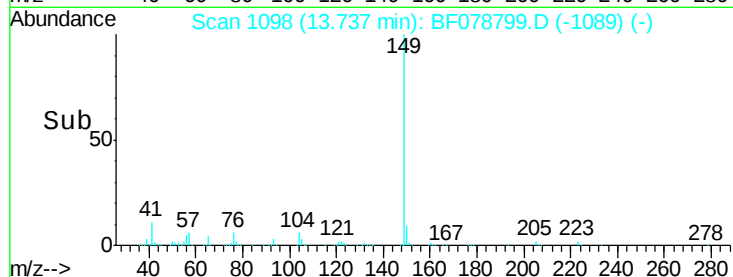
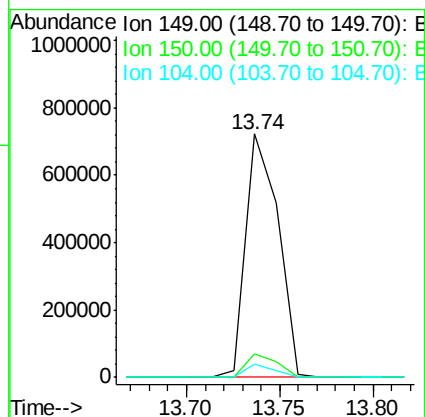
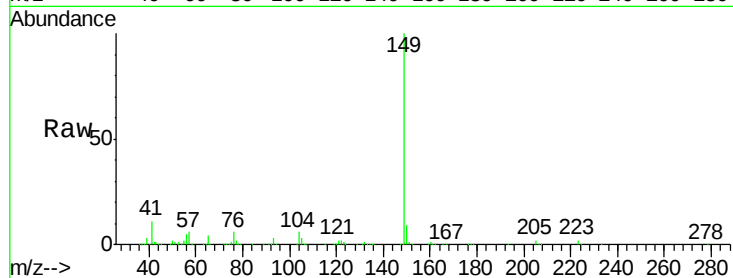
#73
Di-n-butylphthalate
Concen: 43.60 ng
RT: 13.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	870491		
150	9.4	7.7	11.5	
104	5.7	4.6	7.0	

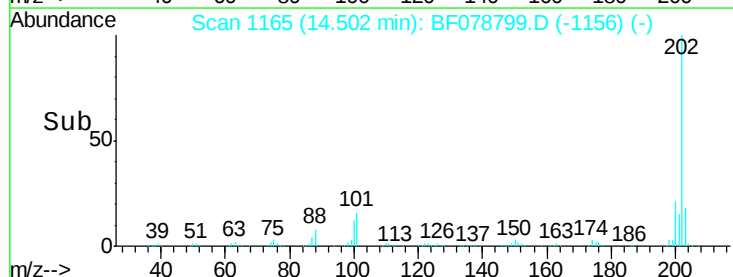
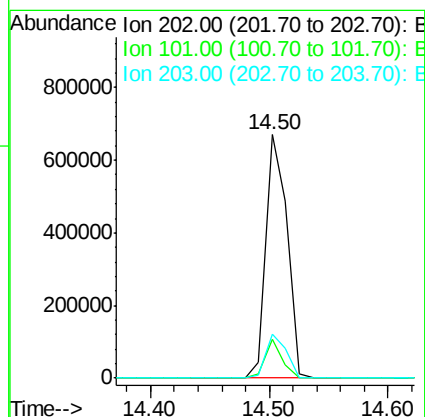
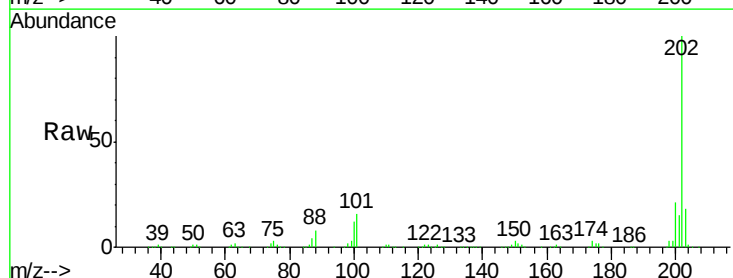
Manual Integrations
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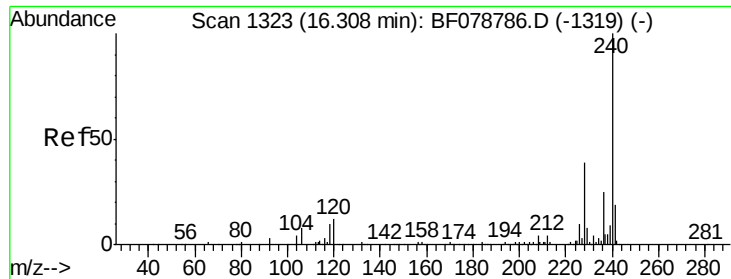
apatel
4/29/2015 3:53:38 PM



#74
Fluoranthene
Concen: 44.84 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	834826		
101	16.0	0.0	34.6	
203	18.1	0.0	38.4	





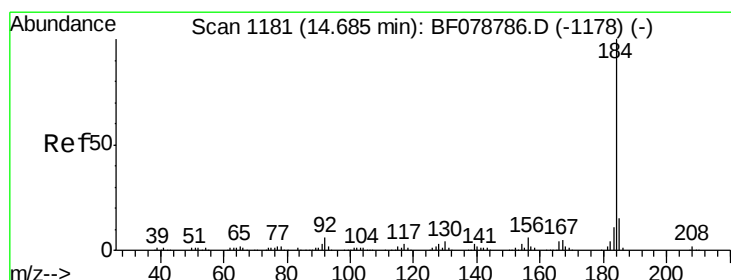
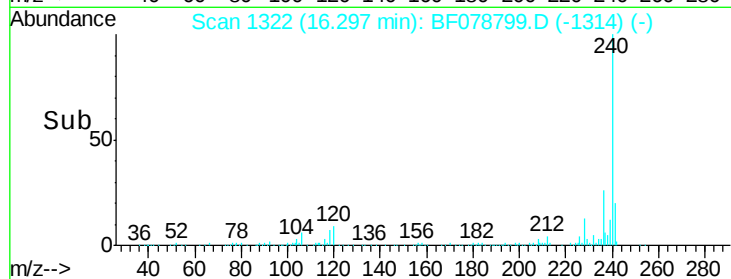
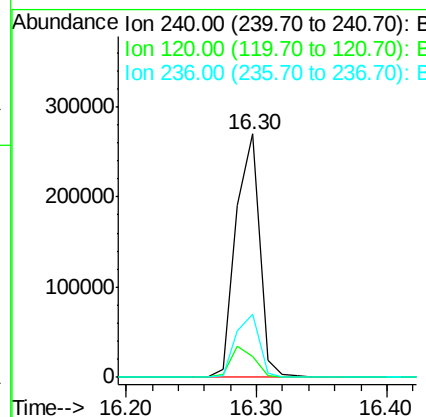
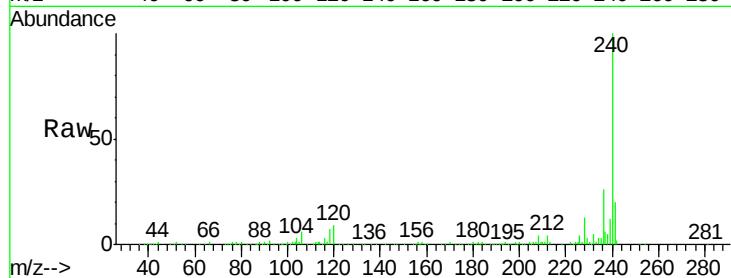
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.7	14.5#
236	25.9	20.2	30.4

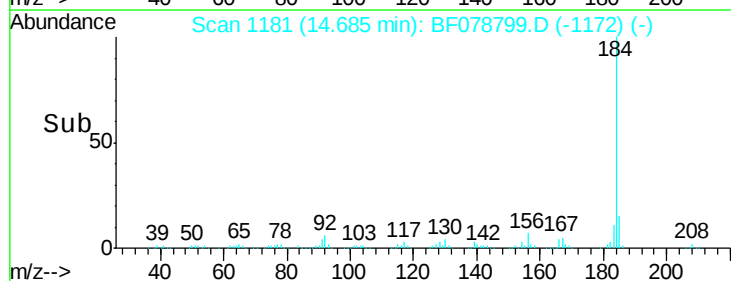
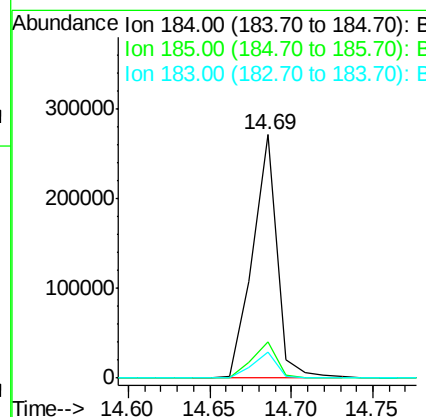
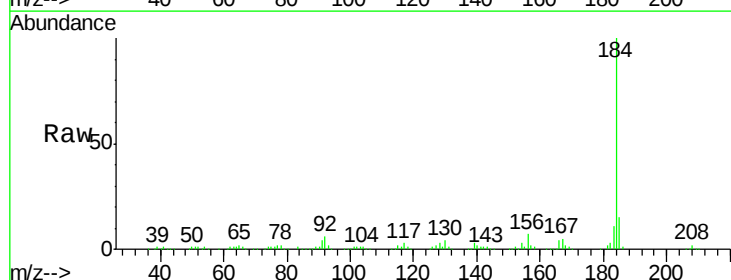
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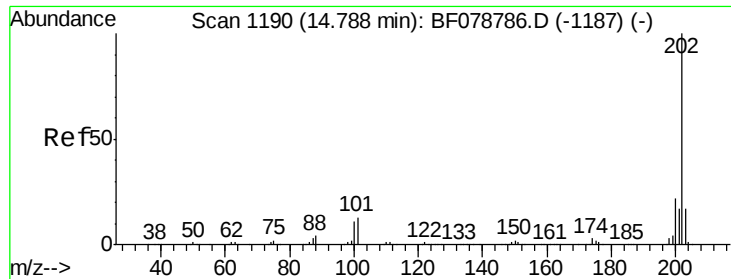
apatel
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#76
 Benzidine
 Concen: 25.80 ng
 RT: 14.69 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.3	18.5
183	10.8	8.4	12.6





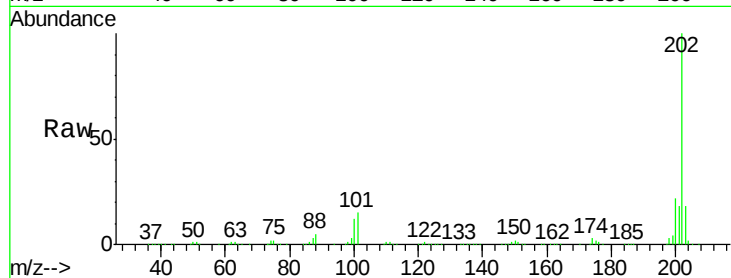
#77
Pvrene
Concen: 44.88 ng
RT: 14.79 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.3	13.9	20.9

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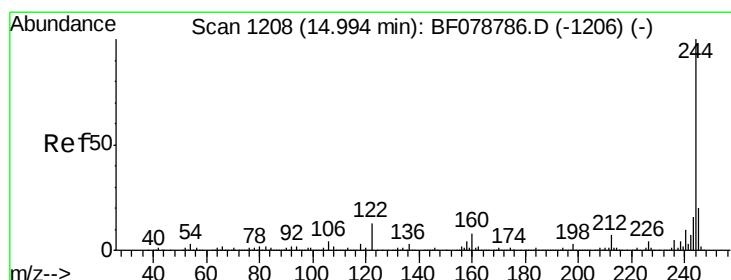
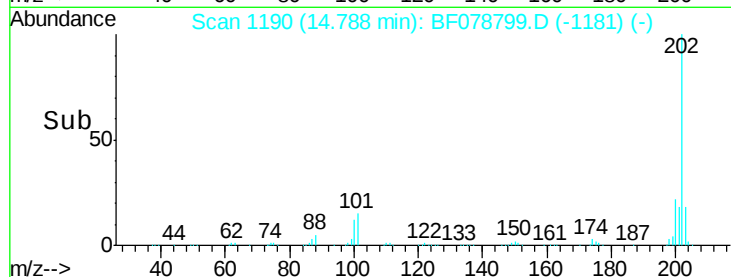
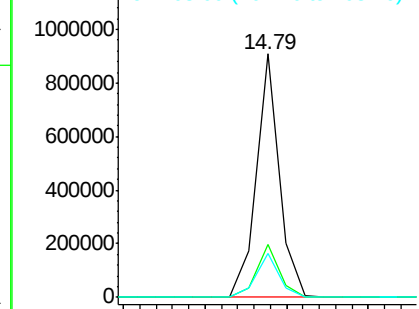


Abundance

Ion 202.00 (201.70 to 202.70): E

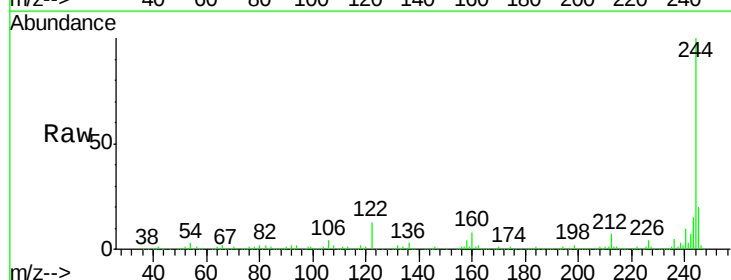
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 82.46 ng
RT: 14.99 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	13.1	10.3	15.5

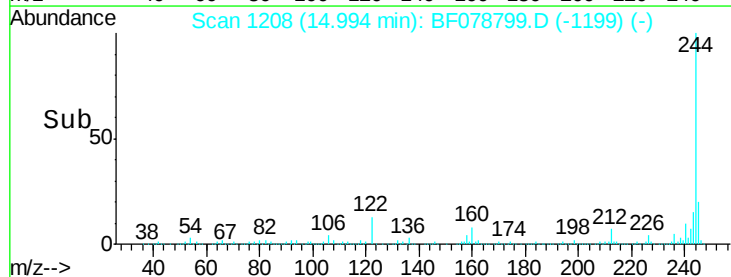
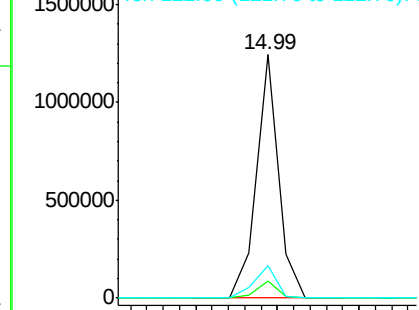


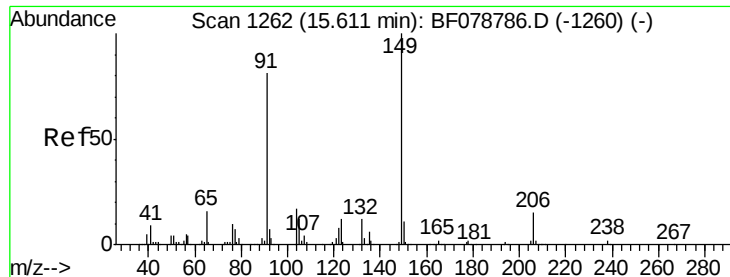
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





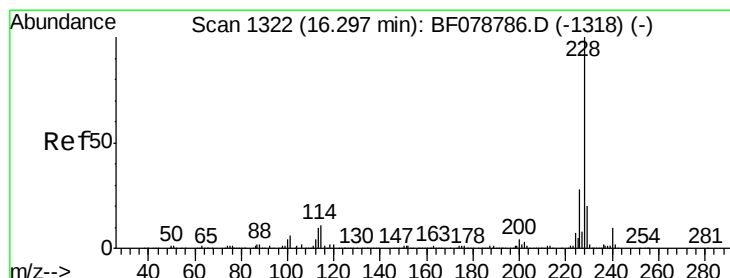
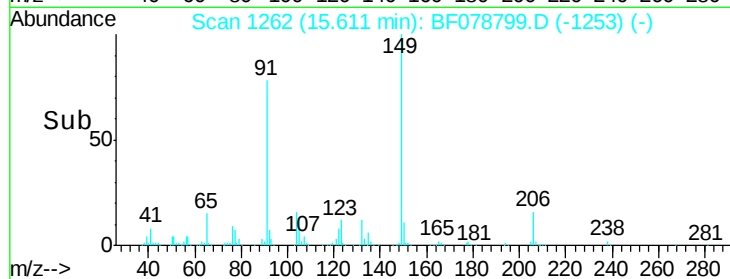
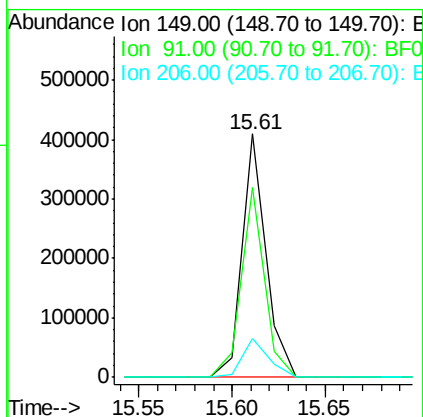
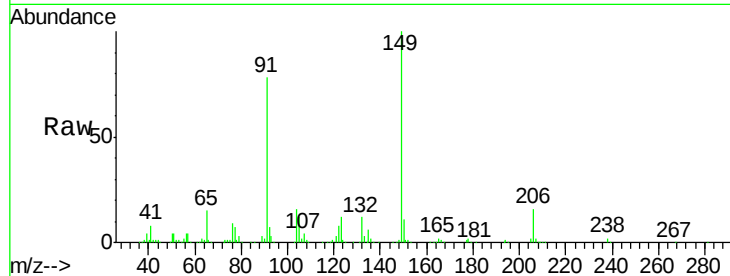
#79
Butylbenzylphthalate
Concen: 48.05 ng
RT: 15.61 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	363952		
91	77.8	64.6	97.0	
206	16.1	12.2	18.4	

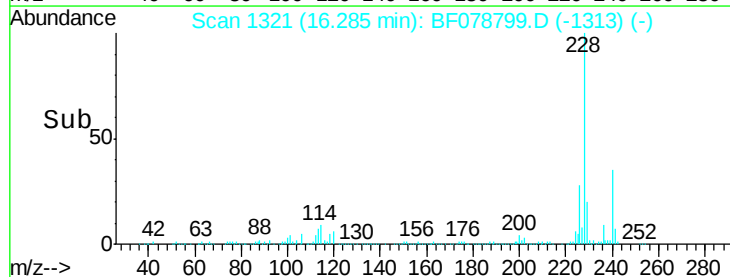
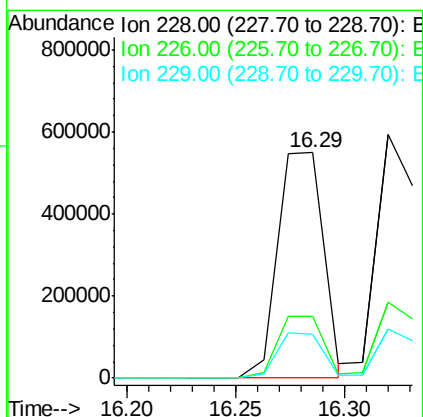
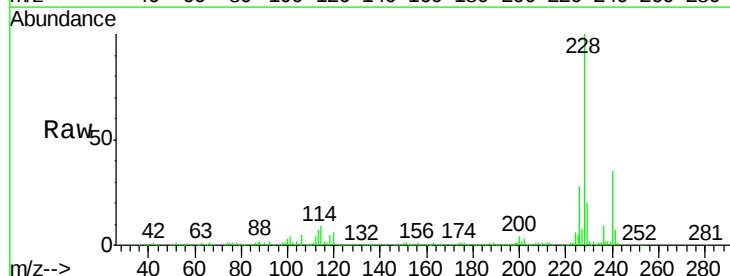
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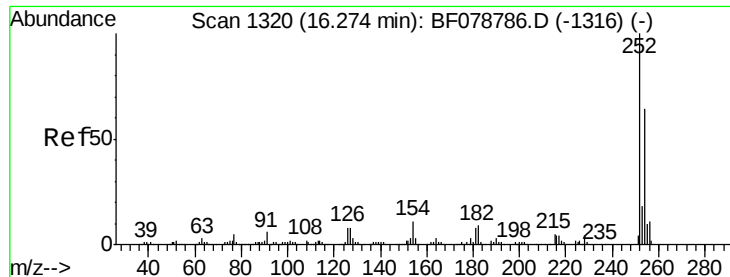
apatel
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#80
Benzo(a)anthracene
Concen: 44.46 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	806463		
226	27.7	22.6	33.8	
229	19.6	15.9	23.9	





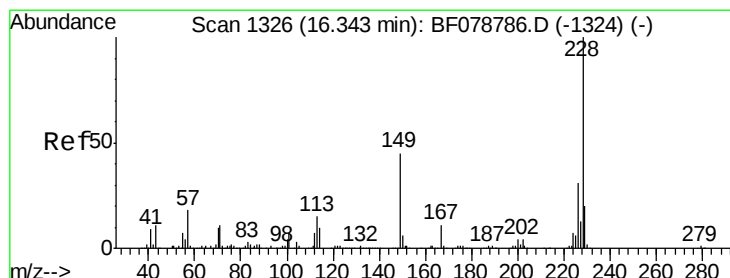
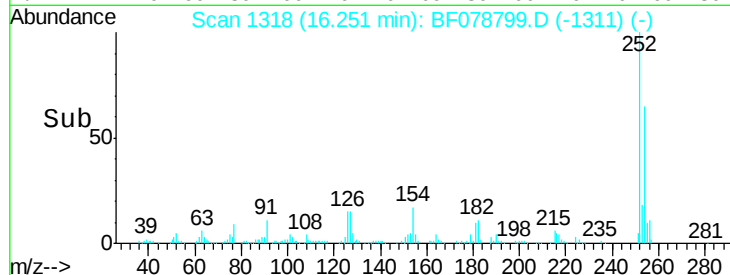
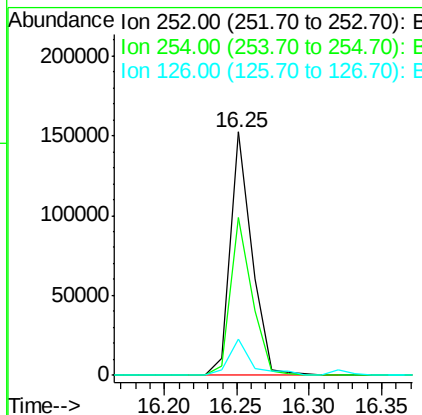
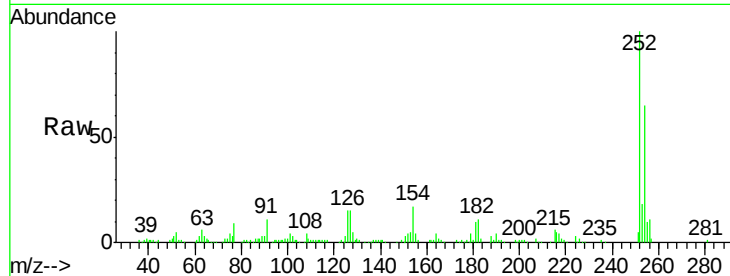
#81
 3,3'-Dichlorobenzidine
 Concen: 25.52 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	51.3	76.9
126	14.9	6.6	10.0

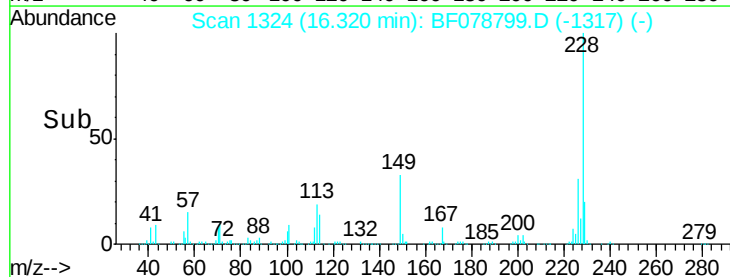
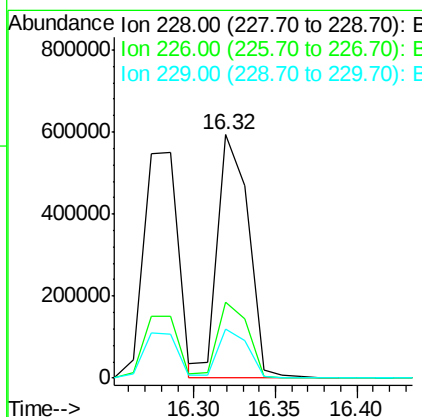
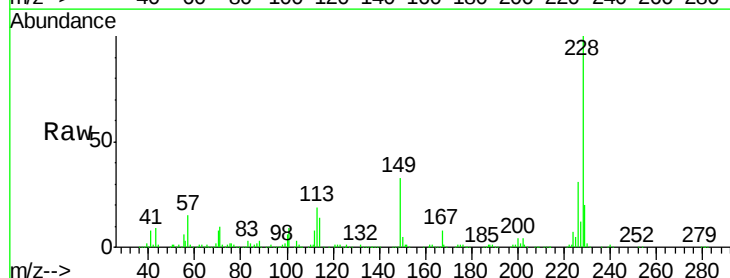
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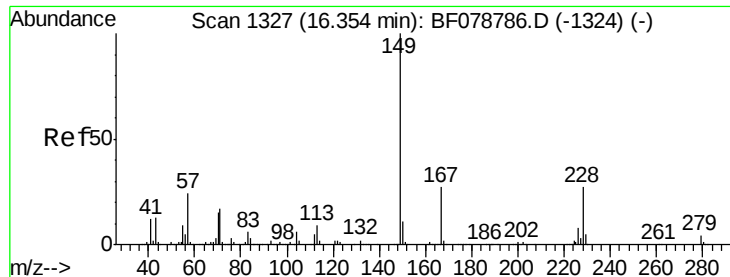
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#82
 Chrysene
 Concen: 43.64 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.1	16.0	24.0





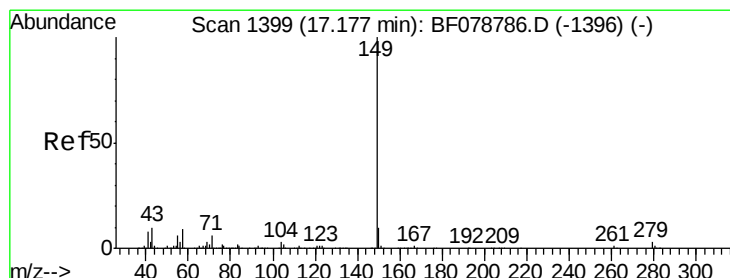
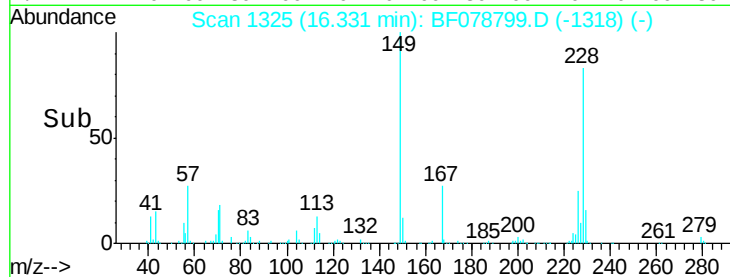
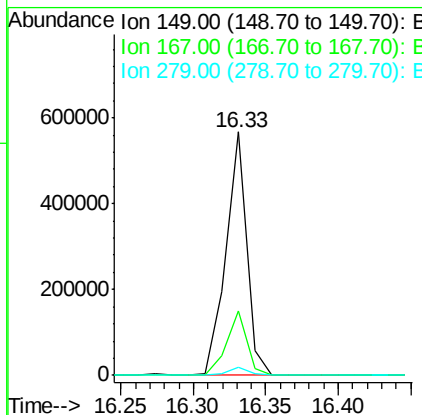
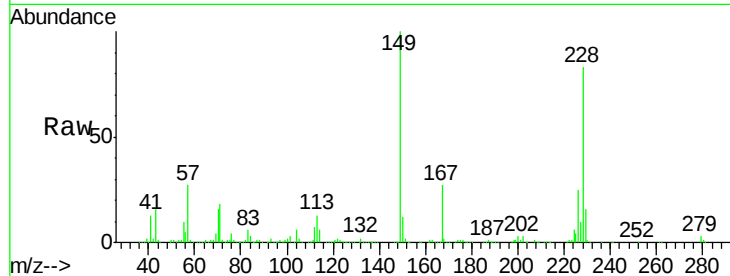
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.55 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.7	21.8	32.8
279	3.2	2.9	4.3

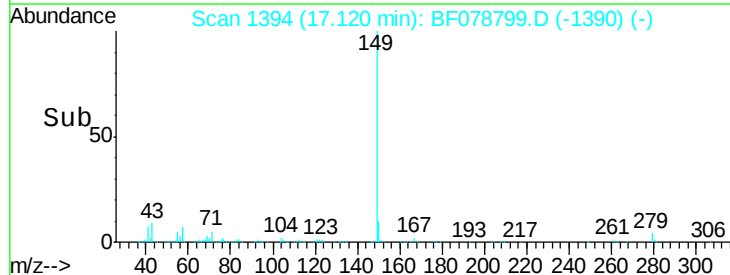
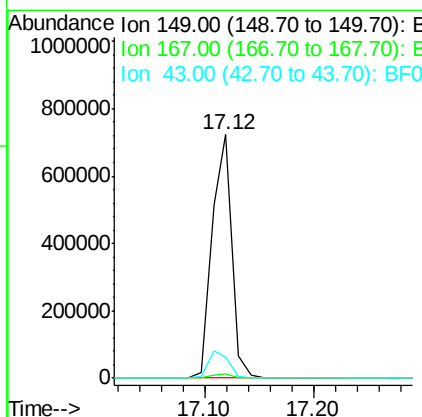
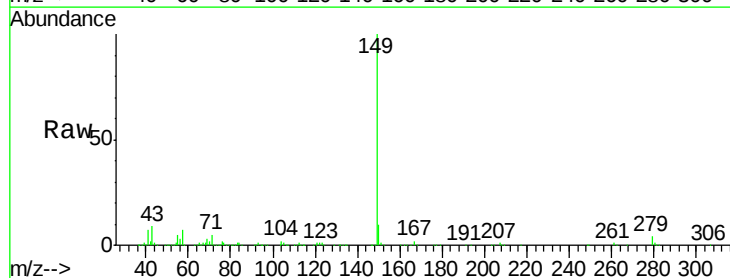
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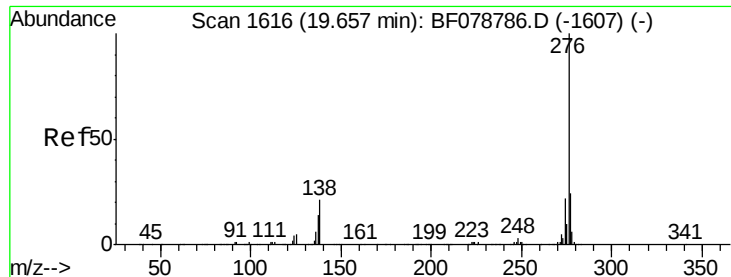
apatel
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#84
 Di-n-octyl phthalate
 Concen: 46.48 ng
 RT: 17.12 min Scan# 1394
 Delta R.T. -0.06 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	11.6	0.0	0.0#





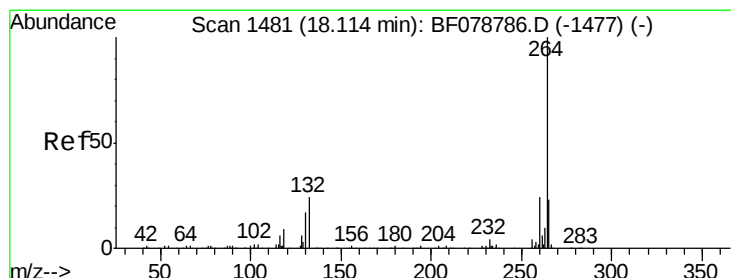
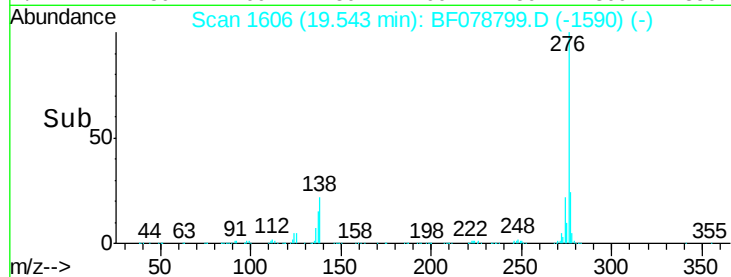
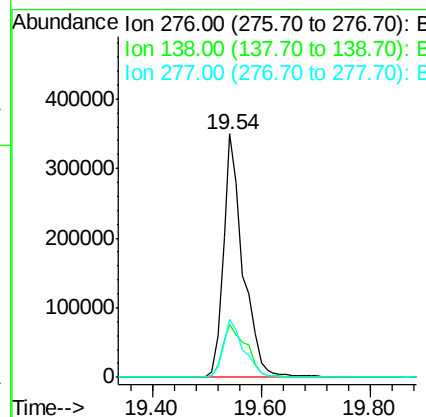
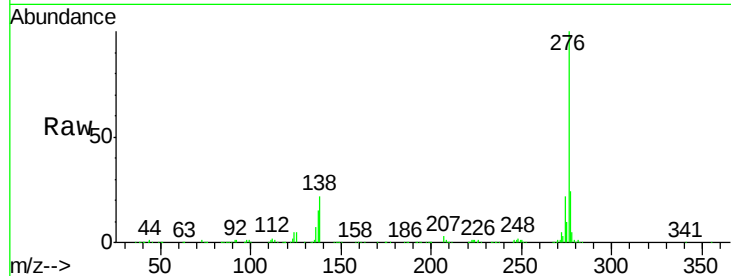
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.90 ng
 RT: 19.54 min Scan# 1606
 Delta R.T. -0.11 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.9	0.0	0.0#
277	25.1	0.0	0.0#

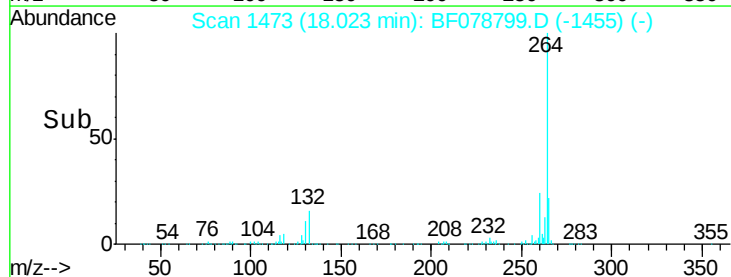
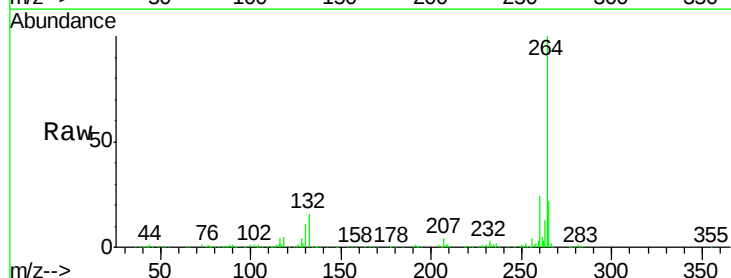
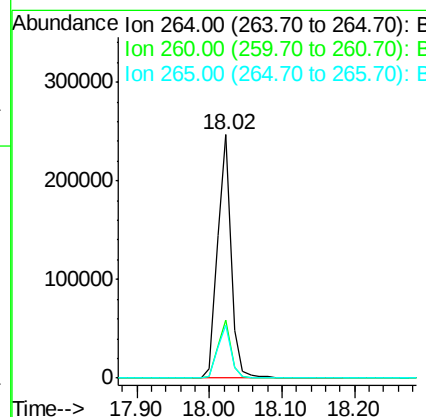
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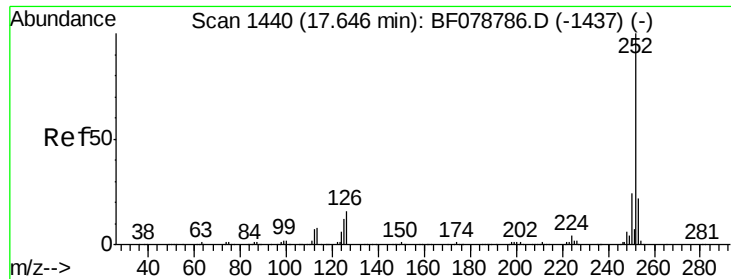
apatel
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. -0.09 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.6	18.3	27.5





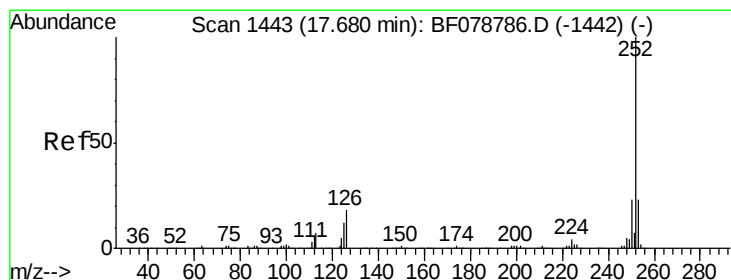
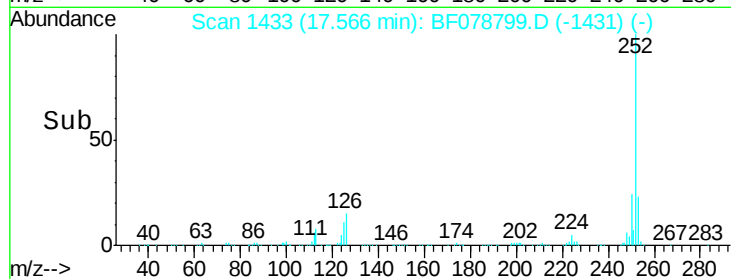
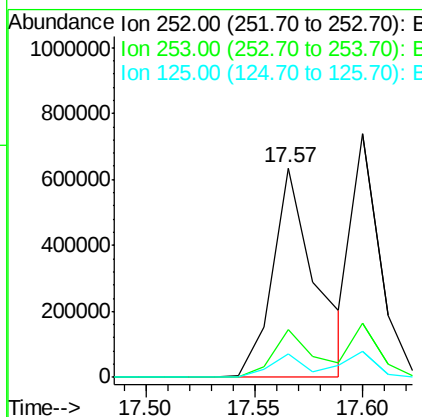
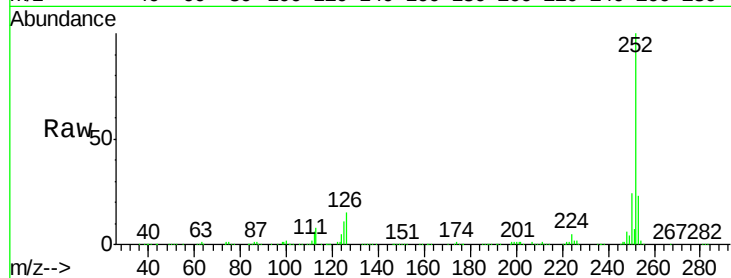
#87
Benzo(b)fluoranthene
Concen: 50.93 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.08 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	11.4	9.5	14.3

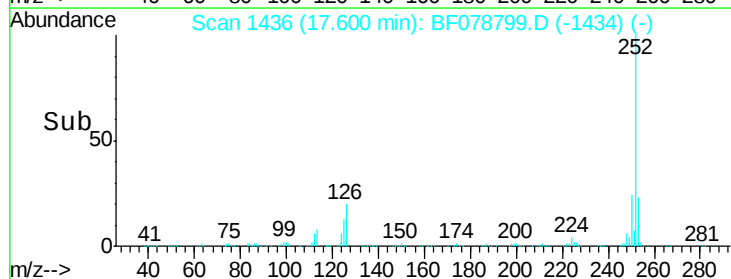
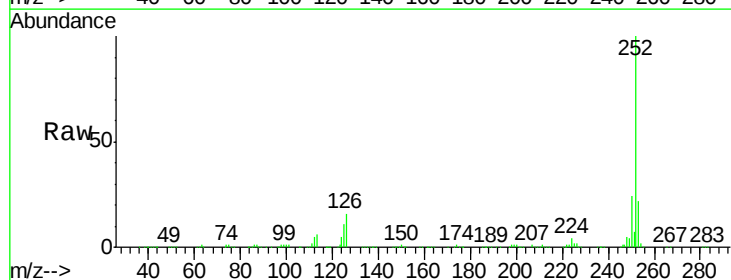
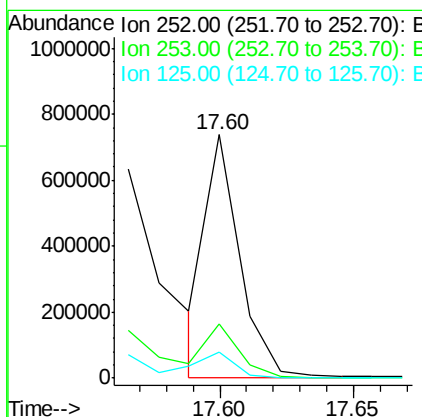
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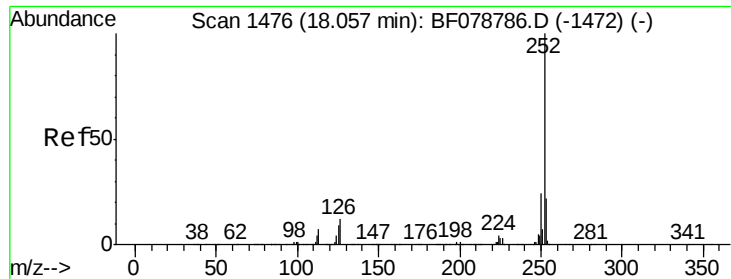
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#88
Benzo(k)fluoranthene
Concen: 39.40 ng m
RT: 17.60 min Scan# 1436
Delta R.T. -0.08 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.6	10.0	15.0





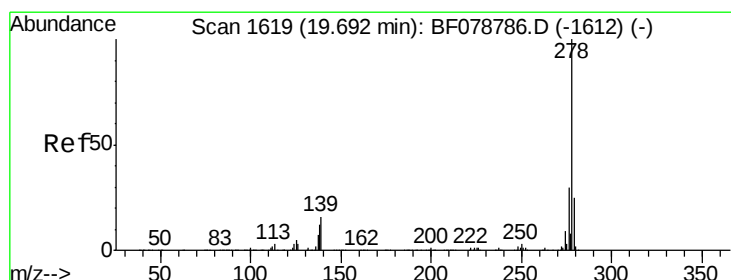
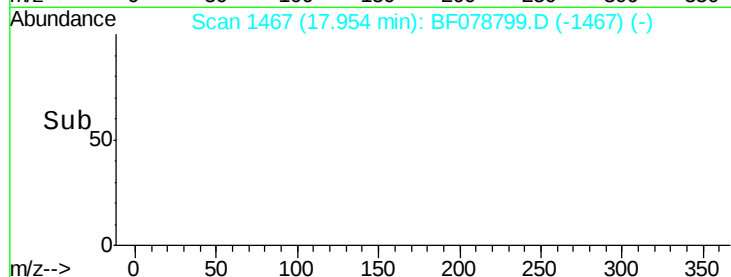
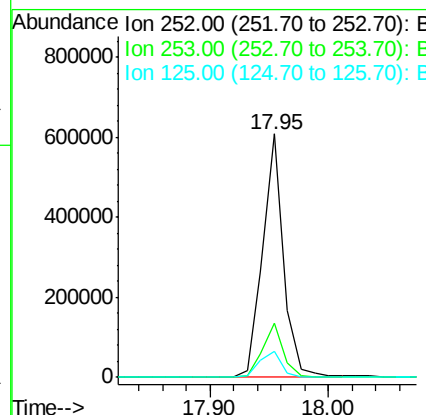
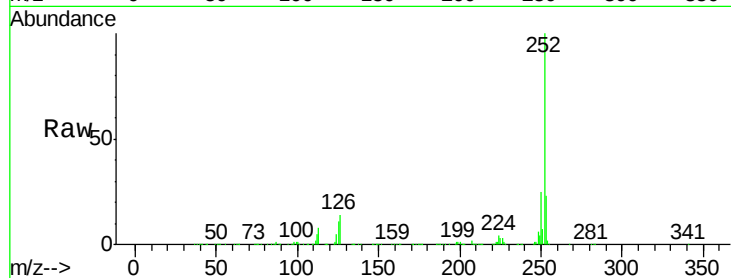
#89
Benzo(a)pyrene
Concen: 48.47 ng
RT: 17.95 min Scan# 1467
Delta R.T. -0.10 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Instrument :
BNA_F
ClientSampleId :
PB82973BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.3	25.9
125	10.8	7.0	10.6

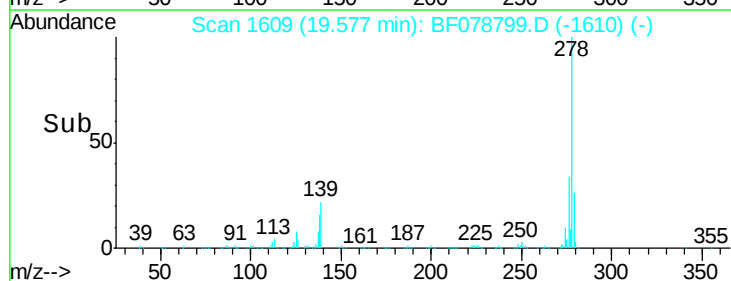
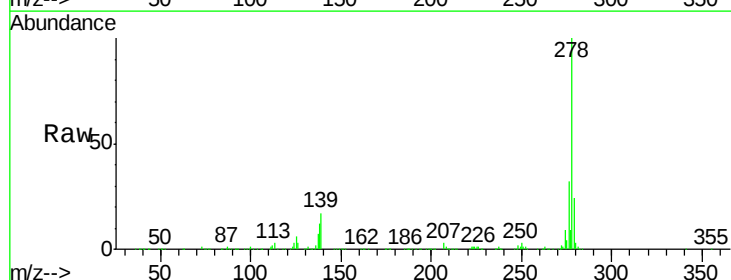
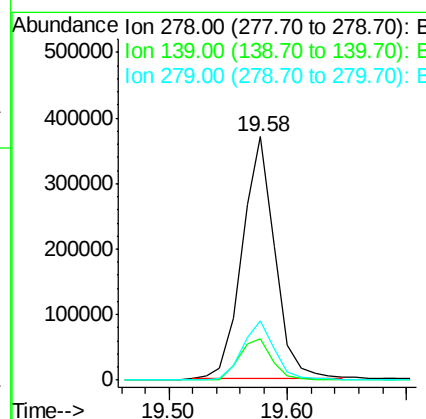
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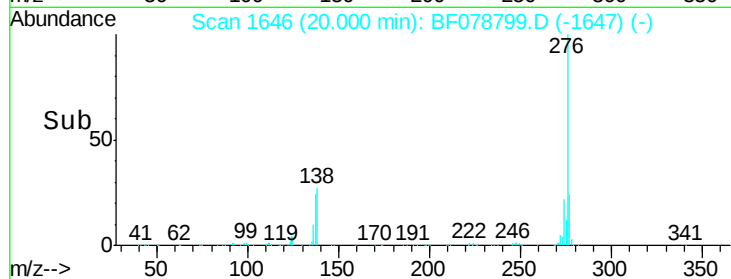
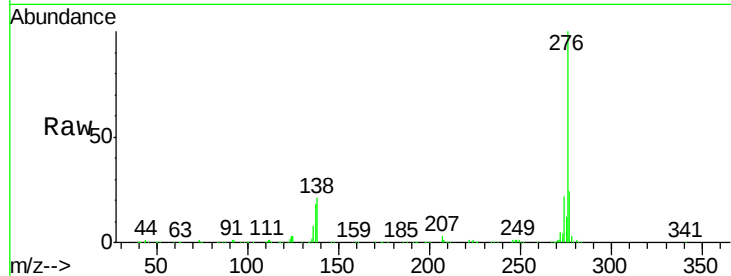
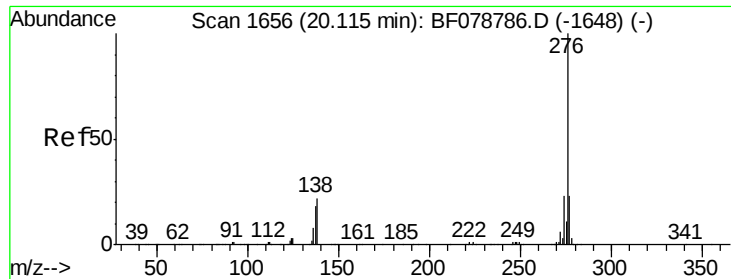
apatel
4/29/2015 3:53:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.49 ng
RT: 19.58 min Scan# 1609
Delta R.T. -0.11 min
Lab File: BF078799.D
Acq: 29 Apr 2015 3:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.9	12.8	19.2
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.69 ng
 RT: 20.00 min Scan# 1646
 Delta R.T. -0.11 min
 Lab File: BF078799.D
 Acq: 29 Apr 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BS

Tot Ion:	276	Resp:	735532
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	21.2	17.4	26.0

Manual Integrations
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apatel
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