

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078651.D
 Acq On : 20 Apr 2015 18:40
 Operator : TP/IZ
 Sample : PB82843BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:03:36 PM

Quant Time: Apr 21 01:20:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	34814	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	142591	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	71553	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	142477	20.00	ng	0.00
75) Chrysene-d12	17.81	240	143977	20.00	ng	0.00
86) Perylene-d12	19.54	264	135786	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	3.87	112	248811	117.84	ng	0.00
7) Phenol-d6	5.36	99	318538	120.38	ng	0.00
23) Nitrobenzene-d5	6.80	82	187684	79.78	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	82058	138.28	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	411405	82.19	ng	0.00
78) Terphenyl-d14	16.47	244	493788	77.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.45	88	28879m	30.25	ng	
3) Pyridine	1.94	79	87748	35.08	ng	98
4) n-Nitrosodimethylamine	1.90	42	33190	34.47	ng	96
6) Aniline	5.35	93	87528	23.32	ng	94
8) 2-Chlorophenol	5.52	128	95105	38.09	ng	99
9) Benzaldehyde	5.16	77	14473	8.25	ng	96
10) Phenol	5.38	94	118136	37.26	ng	97
11) bis(2-Chloroethyl)ether	5.48	93	86235	37.82	ng	95
12) 1,3-Dichlorobenzene	5.76	146	99385	36.24	ng	# 91
13) 1,4-Dichlorobenzene	5.88	146	99681	36.11	ng	97
14) 1,2-Dichlorobenzene	6.12	146	96597	37.32	ng	95
15) Benzyl Alcohol	6.14	79	75144	40.41	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.38	45	114864	37.77	ng	90
17) 2-Methylphenol	6.35	107	75471	38.93	ng	# 94
18) Hexachloroethane	6.67	117	34707	37.28	ng	94
19) n-Nitroso-di-n-propylamine	6.59	70	66827	38.28	ng	96
20) 3+4-Methylphenols	6.63	107	99783	38.59	ng	99
22) Acetophenone	6.56	105	132479	39.88	ng	# 93
24) Nitrobenzene	6.83	77	95291	38.75	ng	92
25) Isophorone	7.26	82	173841	38.94	ng	95
26) 2-Nitrophenol	7.38	139	48451	41.34	ng	97
27) 2,4-Dimethylphenol	7.54	122	85845	39.39	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	108119	37.76	ng	98
29) 2,4-Dichlorophenol	7.83	162	82848	41.79	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	83445	36.71	ng	98
31) Naphthalene	8.06	128	276044	37.19	ng	99
32) Benzoic acid	7.78	122	49173m	47.98	ng	
33) 4-Chloroaniline	8.22	127	62764	20.38	ng	97
34) Hexachlorobutadiene	8.31	225	47486	38.05	ng	98
35) Caprolactam	8.84	113	23865	40.33	ng	98
36) 4-Chloro-3-methylphenol	9.18	107	85361	42.67	ng	91
37) 2-Methylnaphthalene	9.31	142	193579	38.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	84398	38.07	ng	99
40) Hexachlorocyclopentadiene	9.61	237	68529	72.50	ng	96

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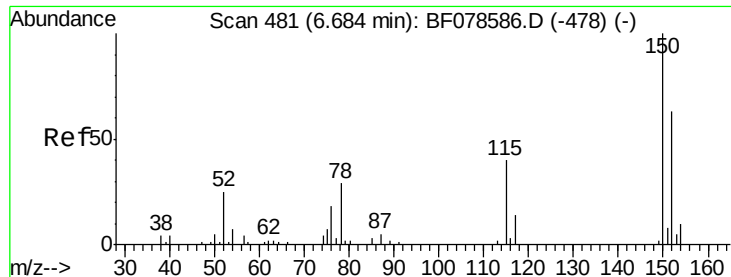
Manual Integrations
 APPROVED

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 4/21/2015 5:03:36 PM

Quant Time: Apr 21 01:20:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	54928	39.28	nq	99
43) 2,4,5-Trichlorophenol	9.95	196	58277	39.90	nq #	90
45) 1,1'-Biphenyl	10.19	154	225932	38.60	nq	97
46) 2-Chloronaphthalene	10.19	162	175691	38.15	nq	95
47) 2-Nitroaniline	10.44	65	50633	44.44	nq #	67
48) Acenaphthylene	10.94	152	289795	38.97	nq	99
49) Dimethylphthalate	10.84	163	217621	40.48	nq #	97
50) 2,6-Dinitrotoluene	10.92	165	46656	42.19	nq #	44
51) Acenaphthene	11.27	154	164833	39.37	nq	98
52) 3-Nitroaniline	11.21	138	32691	26.00	nq #	98
53) 2,4-Dinitrophenol	11.44	184	34416	80.01	nq	90
54) Dibenzofuran	11.60	168	265024	41.45	nq	95
55) 4-Nitrophenol	11.64	139	56096	61.25	nq	90
56) 2,4-Dinitrotoluene	11.67	165	64646	45.13	nq #	84
57) Fluorene	12.23	166	214239	41.33	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.86	232	41844	38.64	nq	96
59) Diethylphthalate	12.17	149	219685	42.38	nq	99
60) 4-Chlorophenyl-phenylether	12.29	204	96164	40.33	nq #	83
61) 4-Nitroaniline	12.34	138	45504	35.79	nq	99
62) Azobenzene	12.57	77	201968	42.69	nq	97
64) 4,6-Dinitro-2-methylphenol	12.41	198	28198	41.32	nq	83
65) n-Nitrosodiphenylamine	12.53	169	184437	37.42	nq	98
66) 4-Bromophenyl-phenylether	13.19	248	60490	40.09	nq #	87
67) Hexachlorobenzene	13.22	284	62154	37.59	nq #	88
68) Atrazine	13.60	200	68874	48.25	nq	99
69) Pentachlorophenol	13.63	266	45916	64.31	nq	99
70) Phenanthrene	13.99	178	313452	38.03	nq	99
71) Anthracene	14.08	178	321761	39.62	nq	100
72) Carbazole	14.41	167	307005	40.34	nq	99
73) Di-n-butylphthalate	15.09	149	363873	42.20	nq	99
74) Fluoranthene	15.86	202	341248	39.26	nq	97
76) Benzidine	16.13	184	109893	19.82	nq	97
77) Pyrene	16.17	202	358088	39.62	nq	98
79) Butylbenzylphthalate	17.17	149	162243	47.10	nq #	82
80) Benzo(a)anthracene	17.79	228	342467	39.98	nq	99
81) 3,3'-Dichlorobenzidine	17.79	252	78040	27.20	nq #	98
82) Chrysene	17.84	228	304033	37.77	nq	99
83) Bis(2-ethylhexyl)phthalate	17.93	149	237255	43.91	nq	98
84) Di-n-octyl phthalate	18.72	149	406660	45.84	nq #	100
85) Indeno(1,2,3-cd)pyrene	20.74	276	349321	38.25	nq #	87
87) Benzo(b)fluoranthene	19.10	252	348287	41.50	nq #	97
88) Benzo(k)fluoranthene	19.13	252	283371	38.00	nq	97
89) Benzo(a)pyrene	19.47	252	301592	41.18	nq #	95
90) Dibenzo(a,h)anthracene	20.77	278	283289	38.63	nq	99
91) Benzo(g,h,i)perylene	21.06	276	287534	39.11	nq	99

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



#1

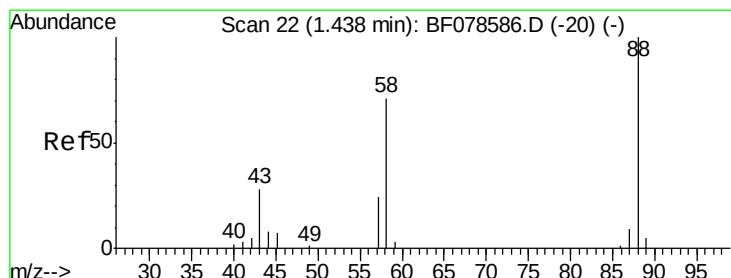
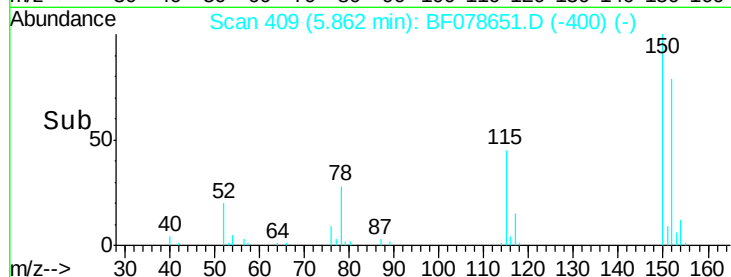
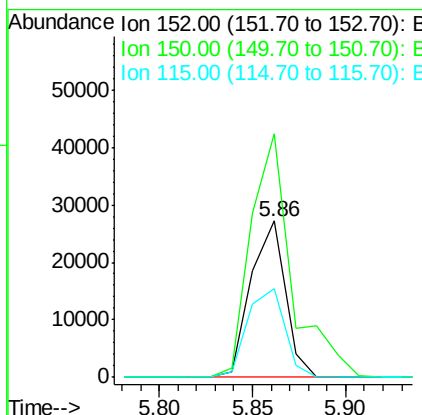
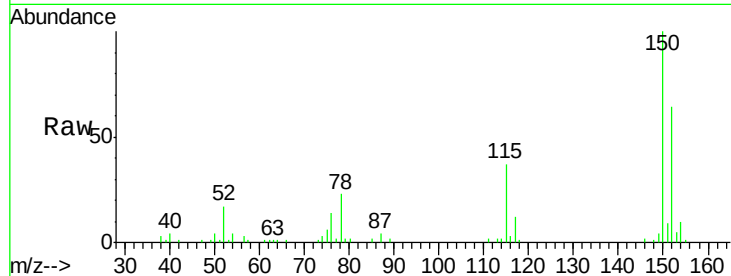
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.9	188.9
115	56.9	52.7	79.1

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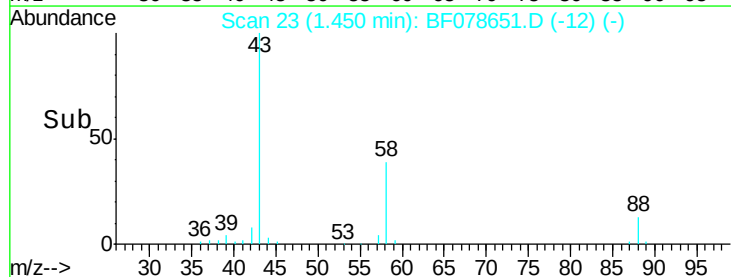
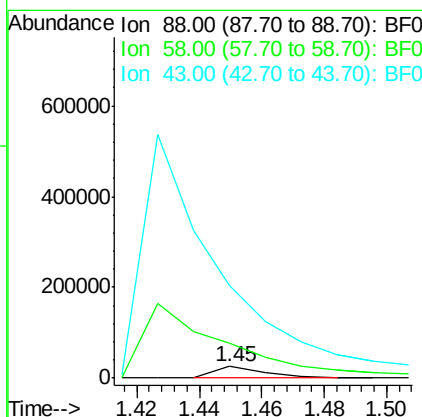
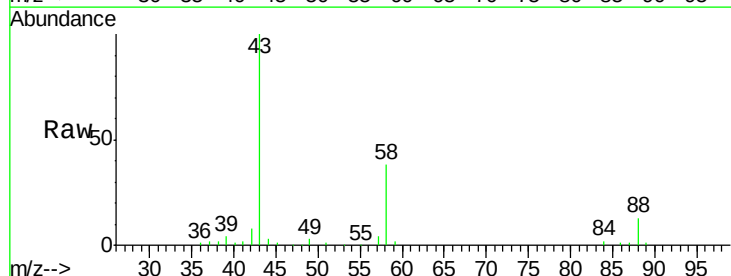
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4/21/2015 5:03:36 PM

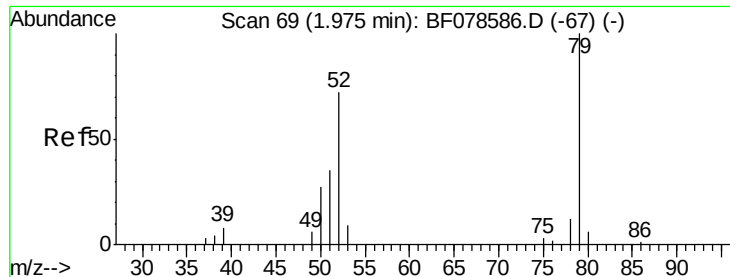


#2

1,4-Dioxane
Concen: 30.25 ng m
RT: 1.45 min Scan# 23
Delta R.T. 0.02 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





#3

Pvridine

Concen: 35.08 ng

RT: 1.94 min Scan# 66

Delta R.T. 0.03 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

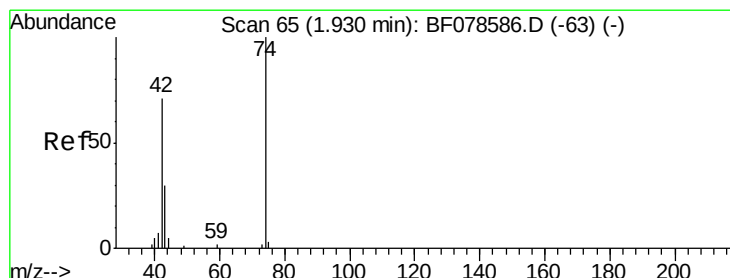
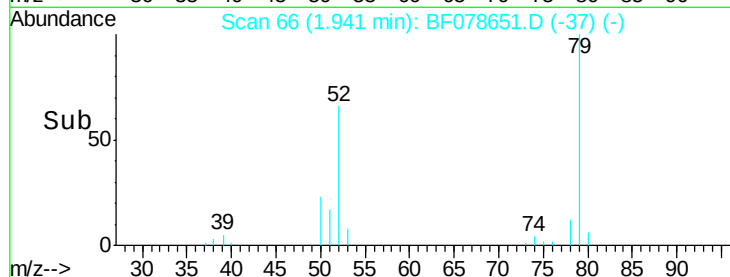
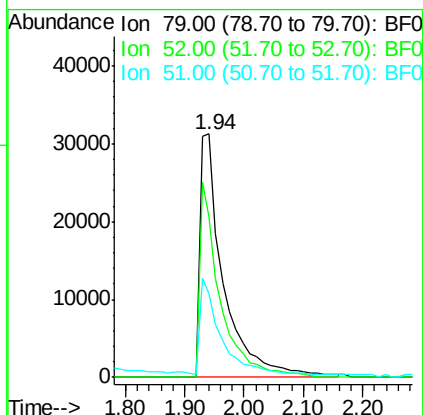
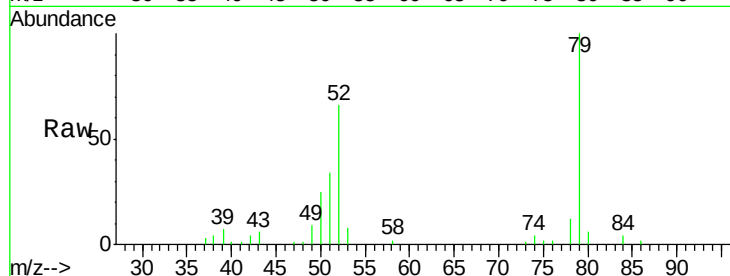
ClientSampleId :

PB82843BSD

Tot Ion:	79	Resp:	87748
Ion	Ratio	Lower	Upper
79	100		
52	66.1	52.4	78.6
51	34.4	24.9	37.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.47 ng

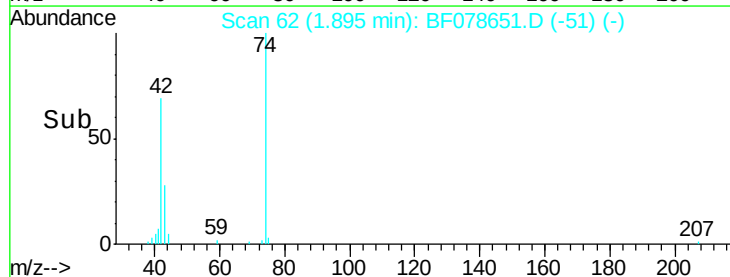
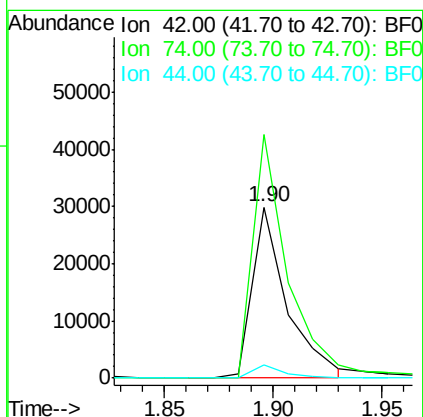
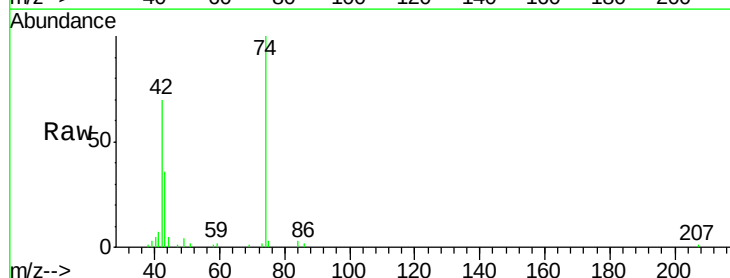
RT: 1.90 min Scan# 62

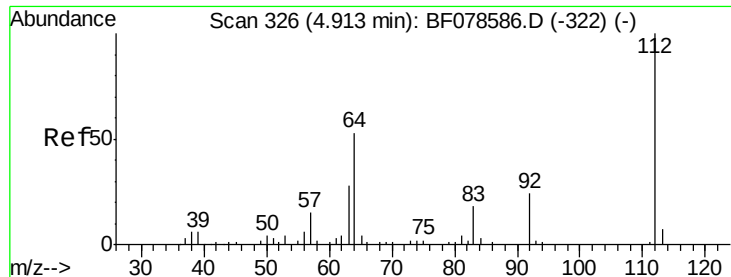
Delta R.T. 0.02 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	42	Resp:	33190
Ion	Ratio	Lower	Upper
42	100		
74	142.6	118.7	178.1
44	7.4	5.9	8.9





#5

2-Fluorophenol

Concen: 117.84 ng

RT: 3.87 min Scan# 235

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

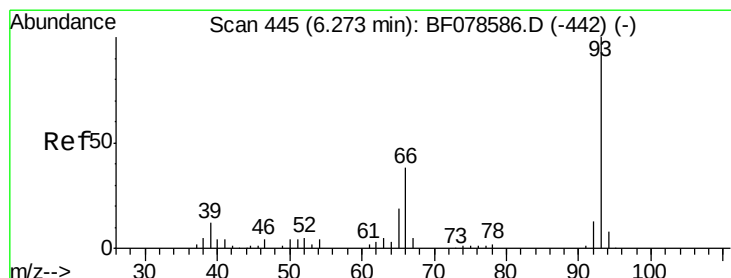
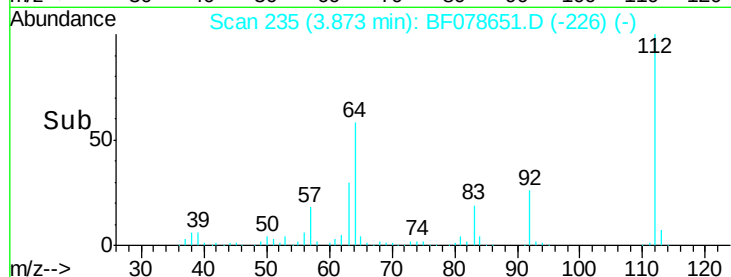
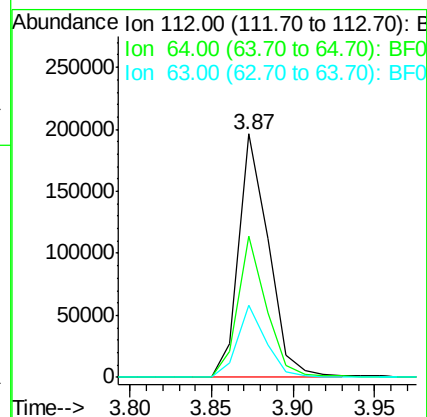
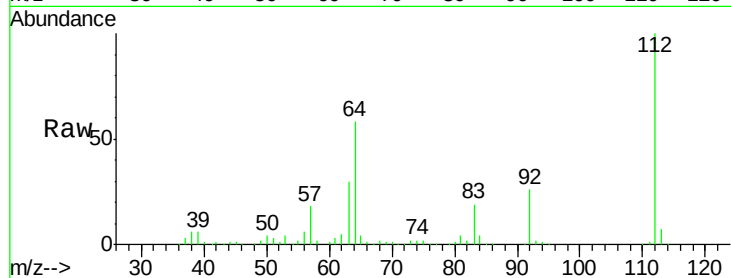
ClientSampleID :

PB82843BSD

Tot Ion:	112	Resp:	248811
Ion Ratio	Lower	Upper	
112	100		
64	58.1	39.9	59.9
63	29.8	20.2	30.4

Manual Integrations
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#6

Aniline

Concen: 23.32 ng

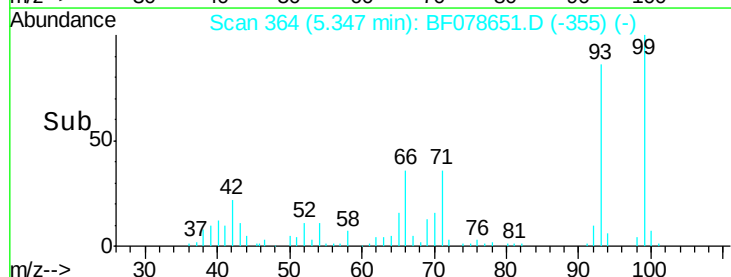
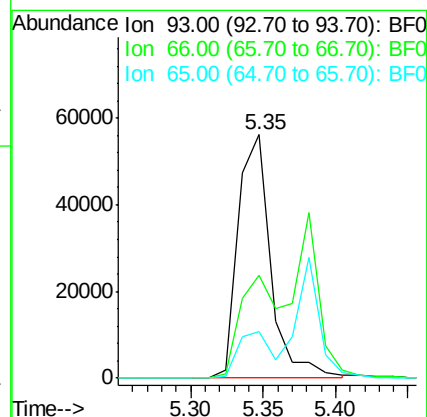
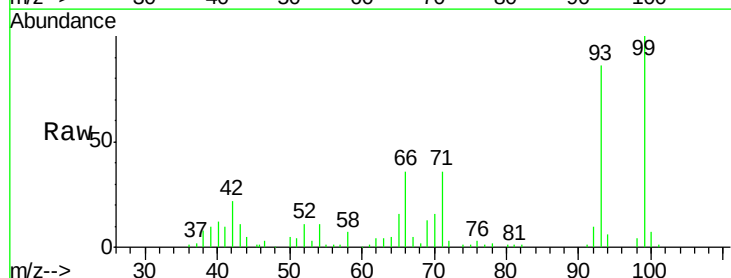
RT: 5.35 min Scan# 364

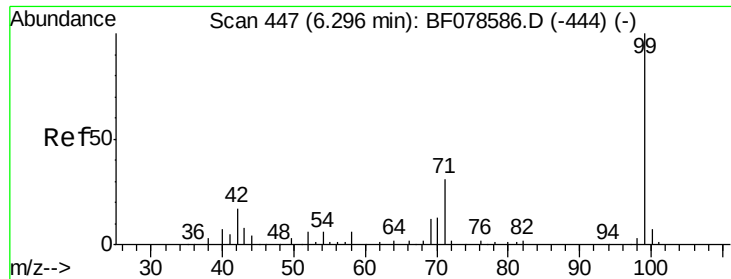
Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	93	Resp:	87528
Ion Ratio	Lower	Upper	
93	100		
66	42.4	38.0	57.0
65	19.1	16.3	24.5





#7

Phenol-d6

Concen: 120.38 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

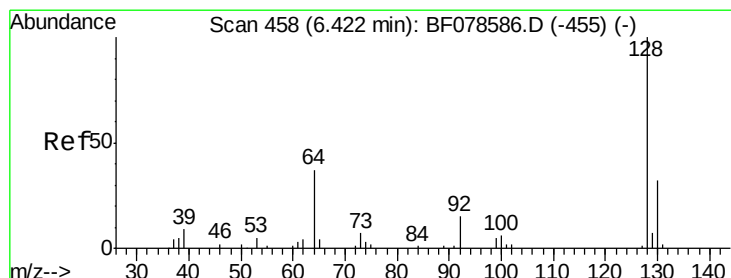
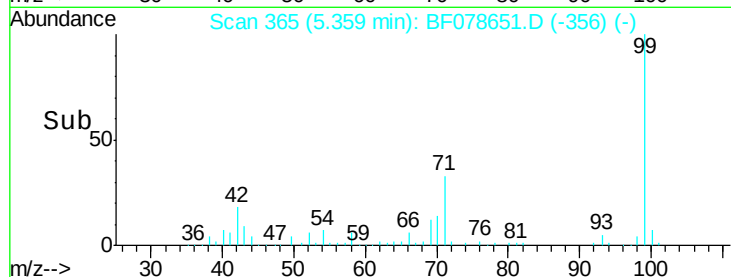
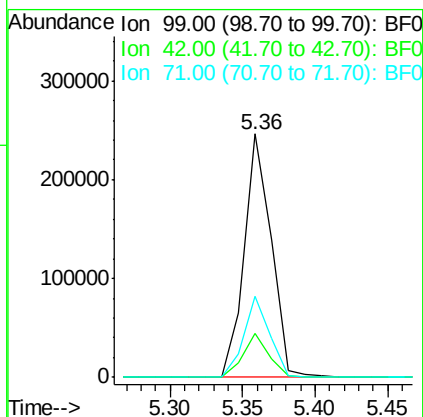
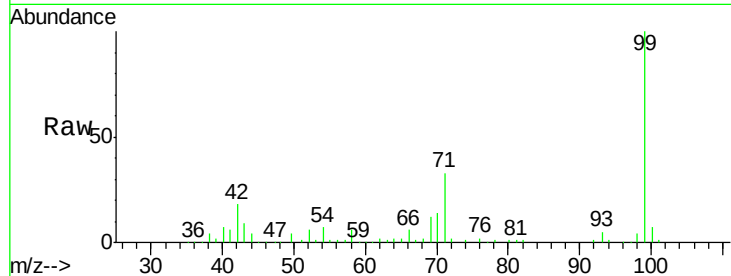
ClientSampleId :

PB82843BSD

Tot Ion:	99	Resp:	318538
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	33.5	26.6	39.8

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#8

2-Chlorophenol

Concen: 38.09 ng

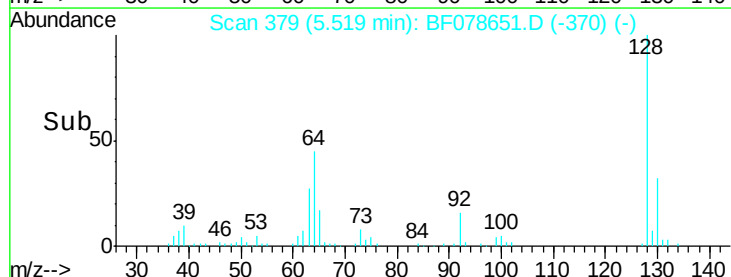
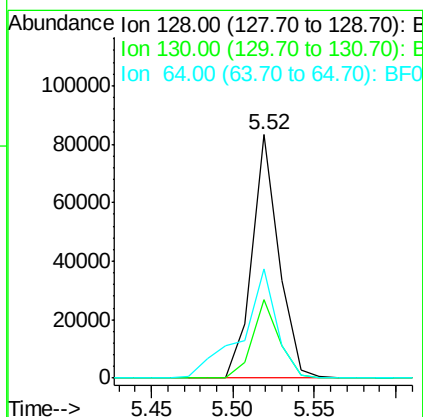
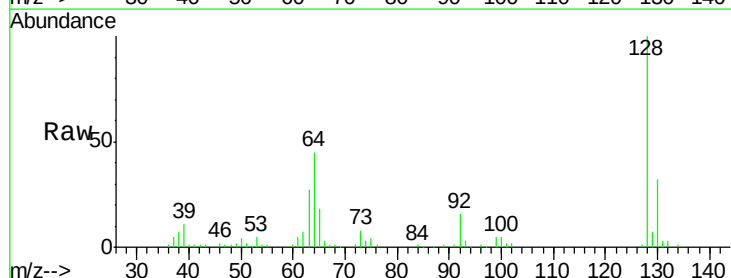
RT: 5.52 min Scan# 379

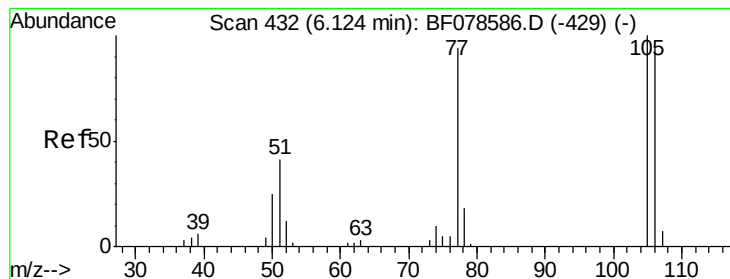
Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	128	Resp:	95105
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	44.7	23.8	63.8





#9

Benzaldehyde

Concen: 8.25 ng

RT: 5.16 min Scan# 348

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

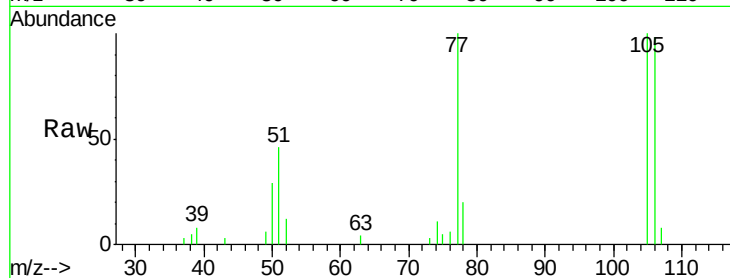
ClientSampleId :

PB82843BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.5	85.4	125.4		
106	98.5	80.8	120.8		

Manual Integrations
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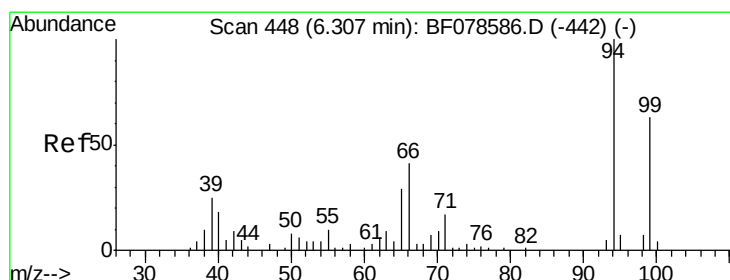
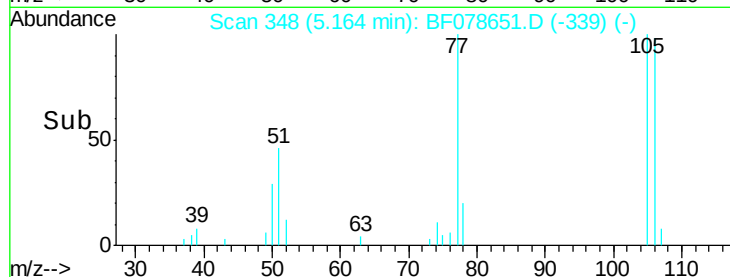
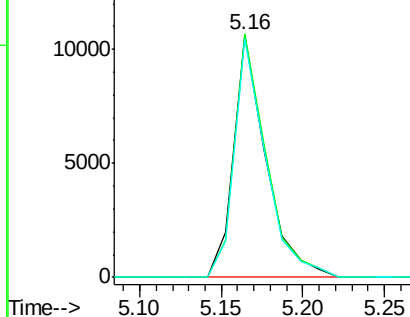
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.26 ng

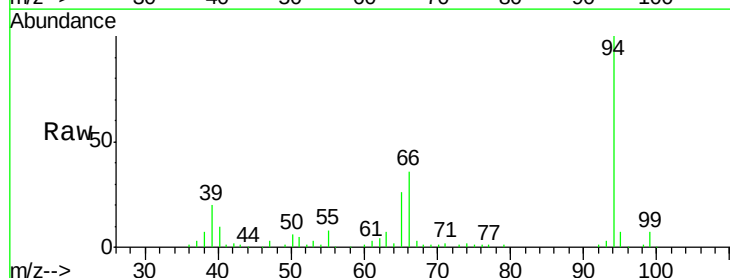
RT: 5.38 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

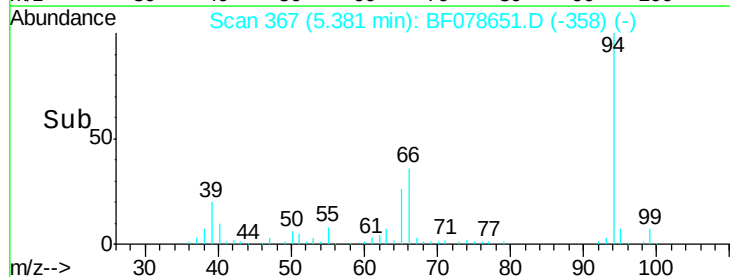
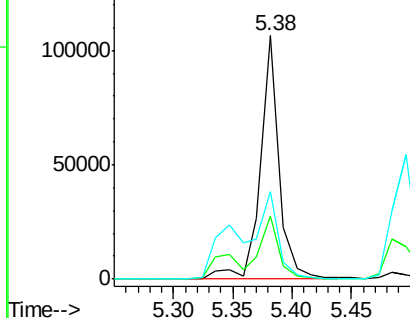
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.2	4.9	44.9		
66	35.8	13.8	53.8		

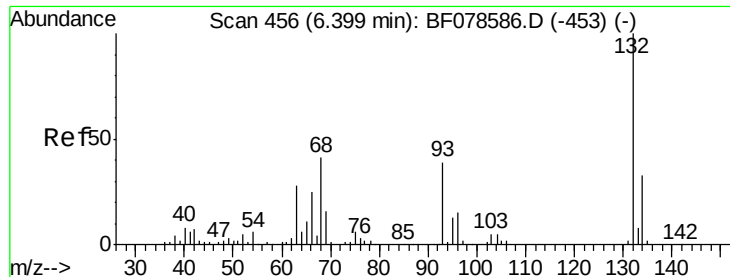


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.82 ng

RT: 5.48 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

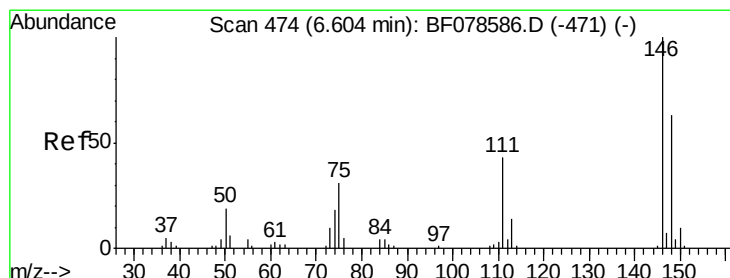
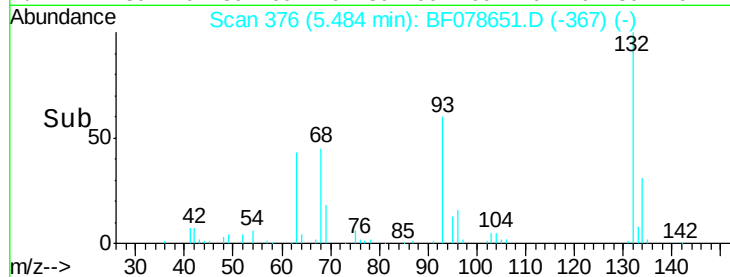
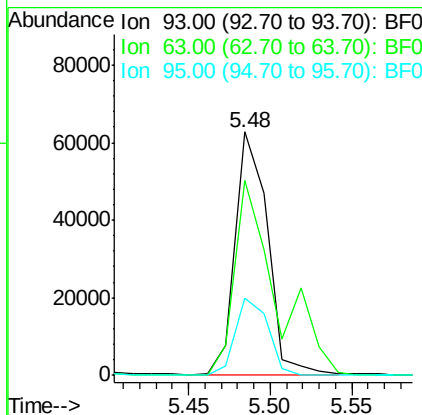
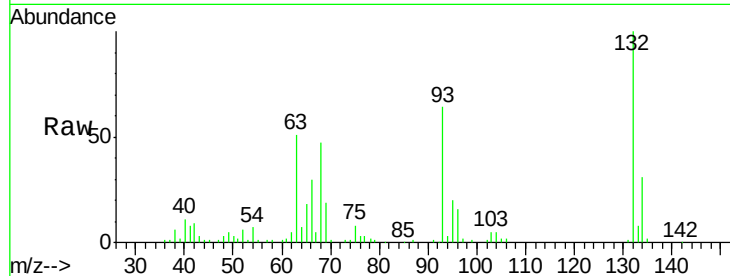
ClientSampleId :

PB82843BSD

Tot Ion:	93	Resp:	86235
Ion Ratio	Lower	Upper	
93	100		
63	79.9	54.6	94.6
95	31.8	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 36.24 ng

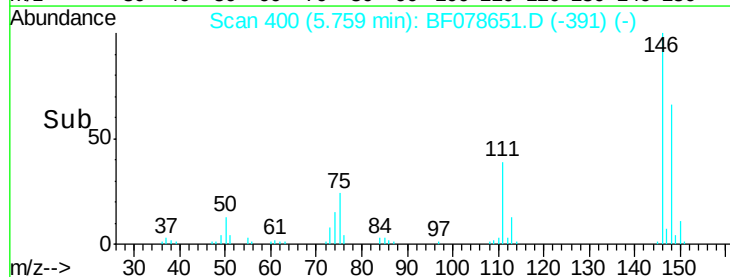
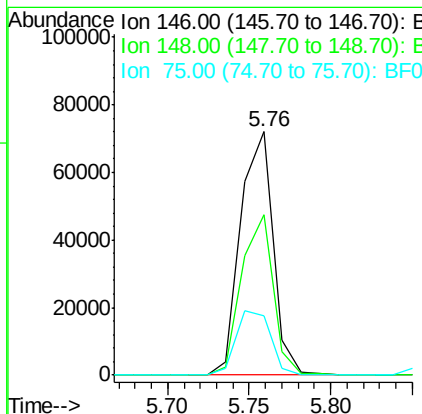
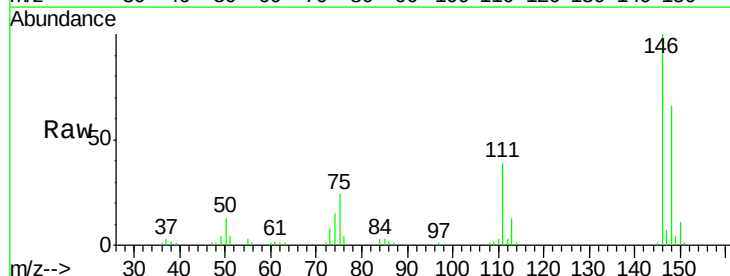
RT: 5.76 min Scan# 400

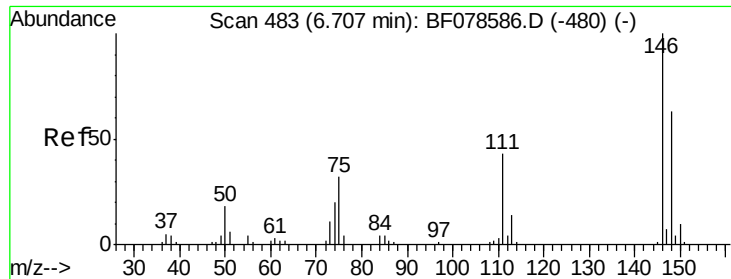
Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	146	Resp:	99385
Ion Ratio	Lower	Upper	
146	100		
148	66.0	49.1	73.7
75	24.5	26.6	40.0#





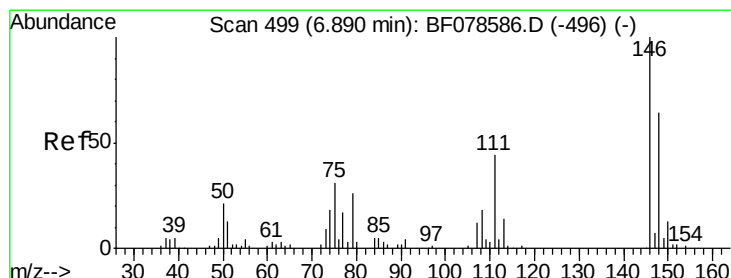
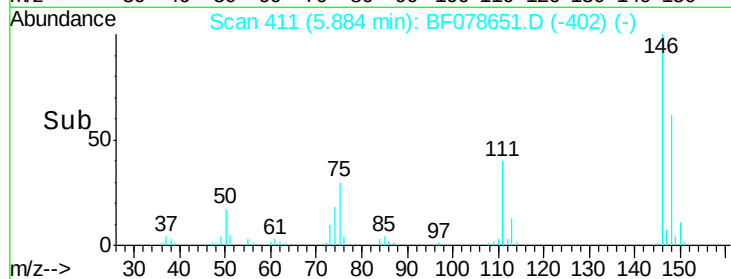
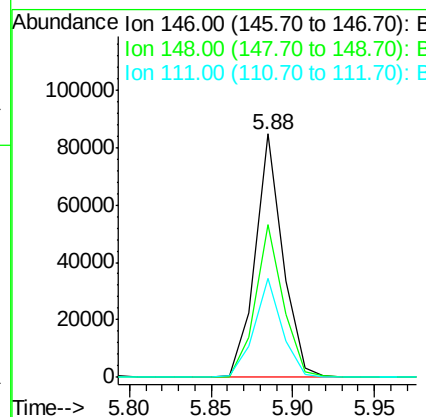
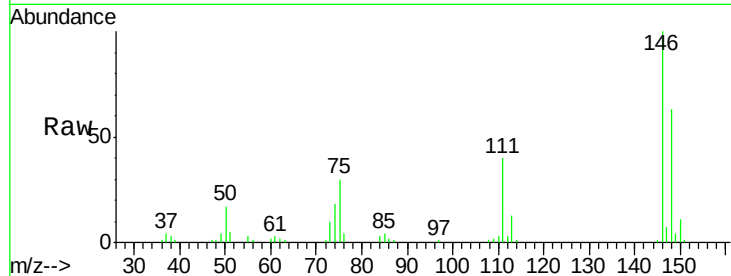
#13
 1,4-Dichlorobenzene
 Concen: 36.11 ng
 RT: 5.88 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
111	40.5	35.0	52.4

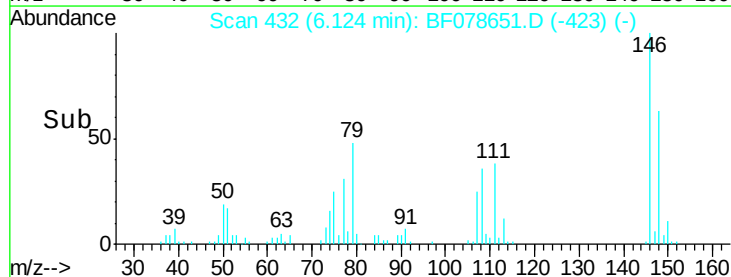
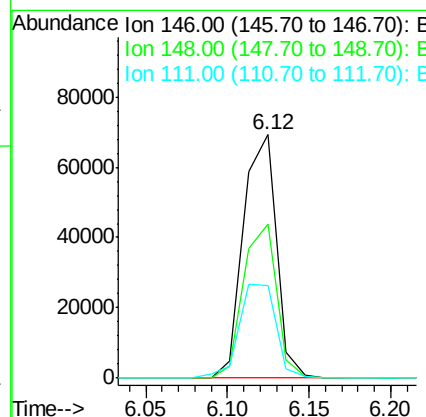
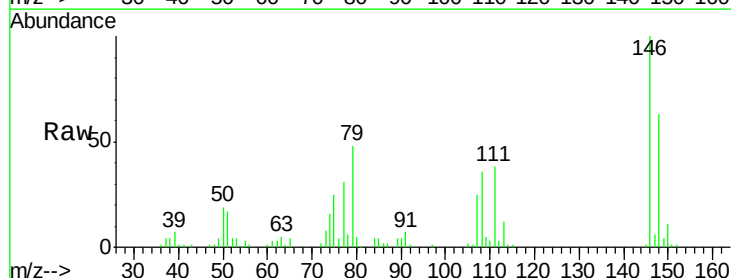
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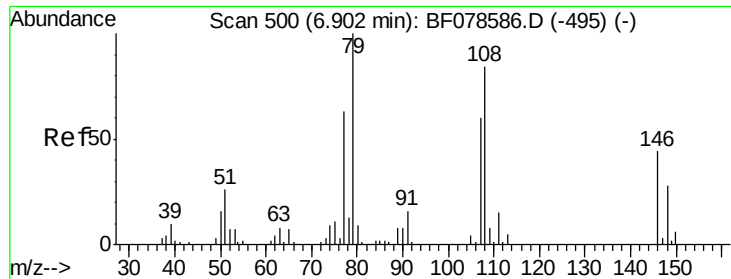
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#14
 1,2-Dichlorobenzene
 Concen: 37.32 ng
 RT: 6.12 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.2	75.4
111	37.8	36.1	54.1





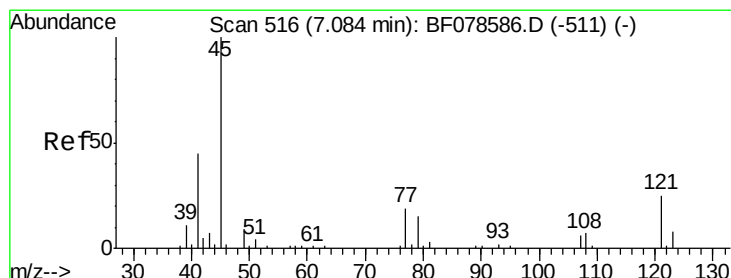
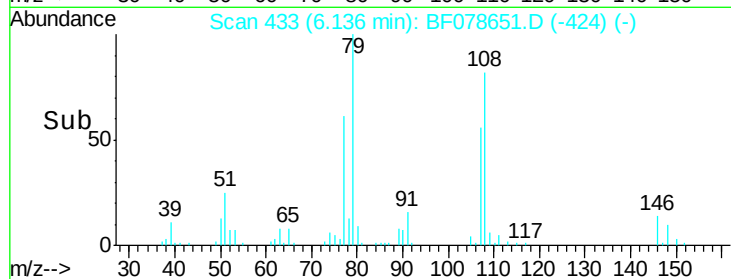
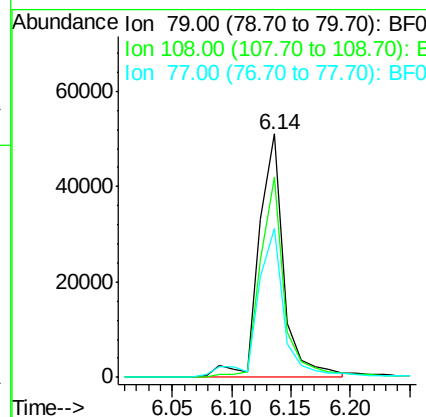
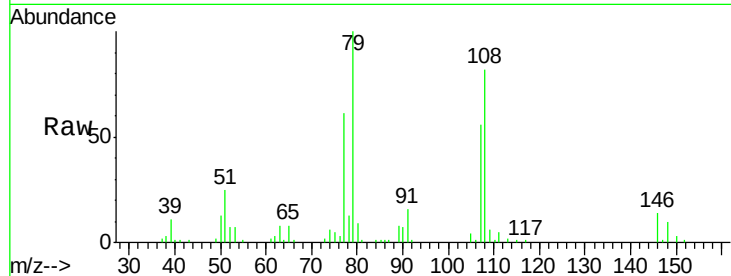
#15
Benzyl Alcohol
Concen: 40.41 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	57.6	86.4
77	60.9	53.5	80.3

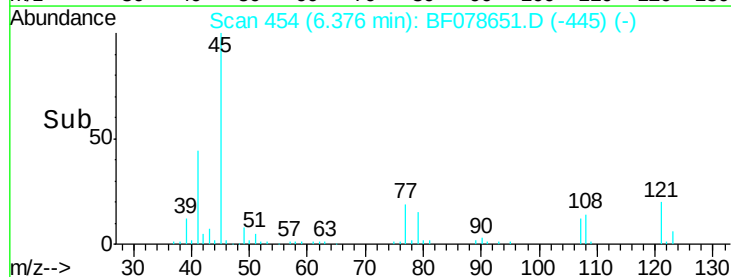
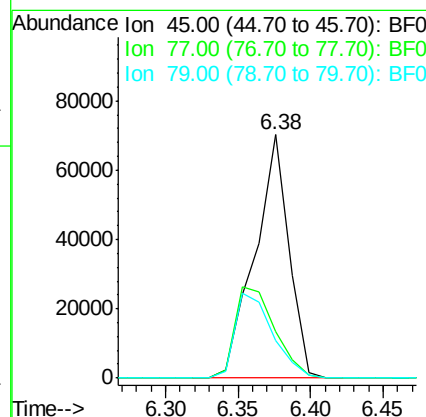
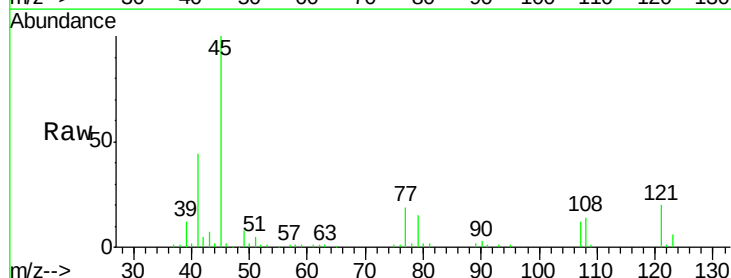
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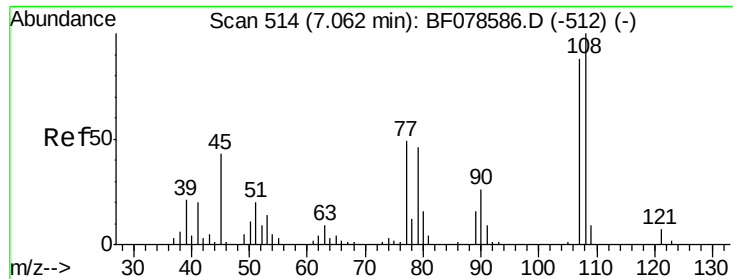
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.77 ng
RT: 6.38 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	34.5
79	15.5	0.0	31.9





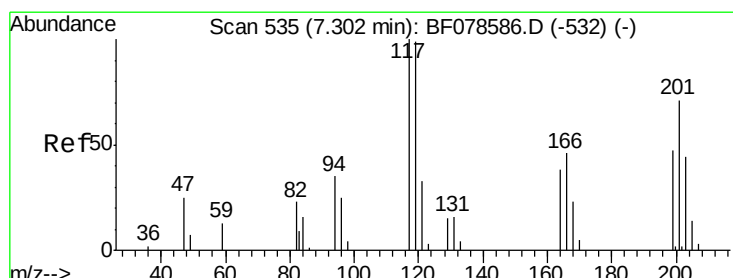
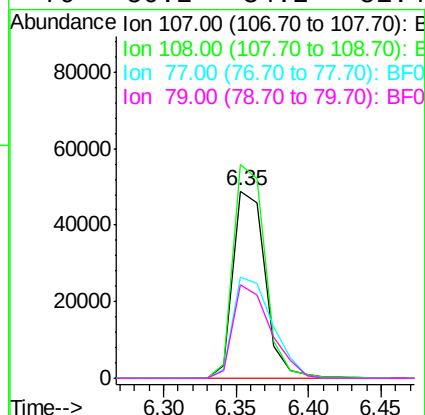
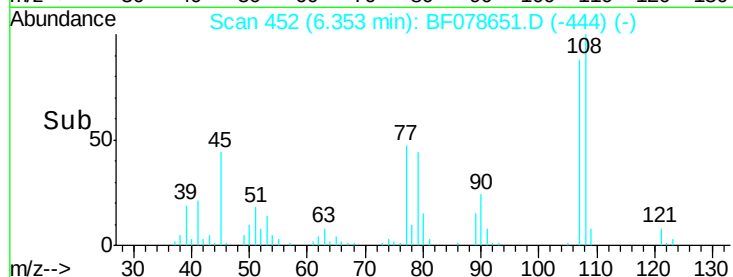
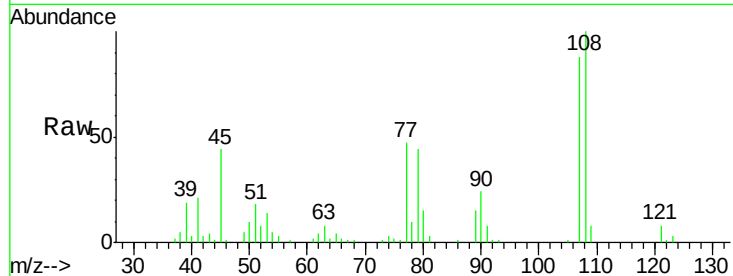
#17
2-Methylphenol
Concen: 38.93 ng
RT: 6.35 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion:	107	Resp:	75471
Ion Ratio	Lower	Upper	
107	100		
108	114.3	90.3	135.5
77	54.0	35.5	53.3
79	50.2	34.2	51.4

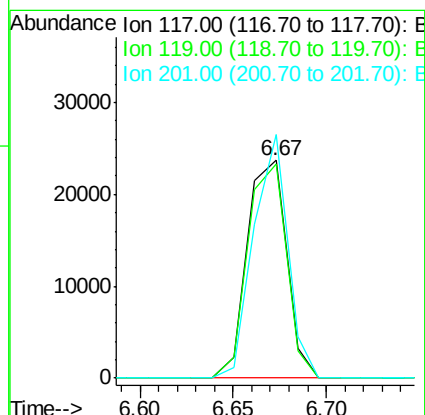
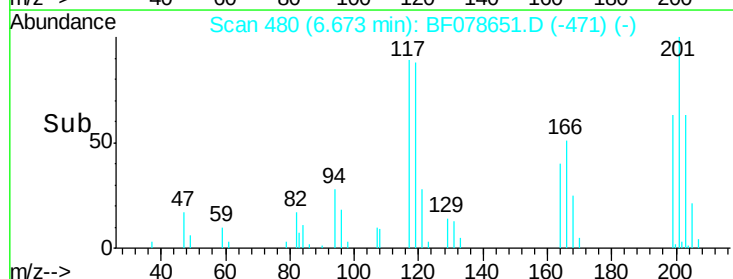
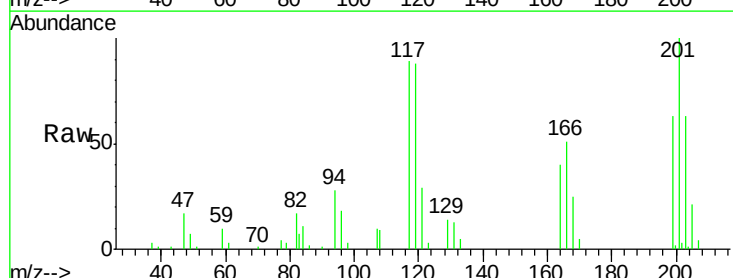
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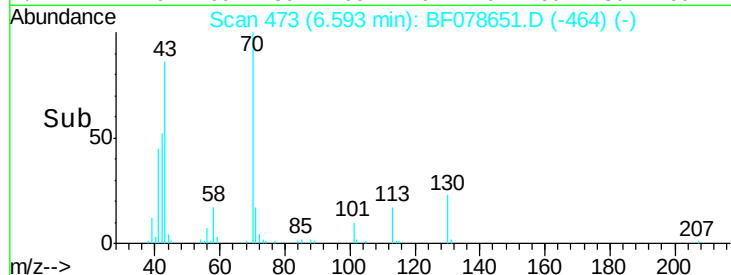
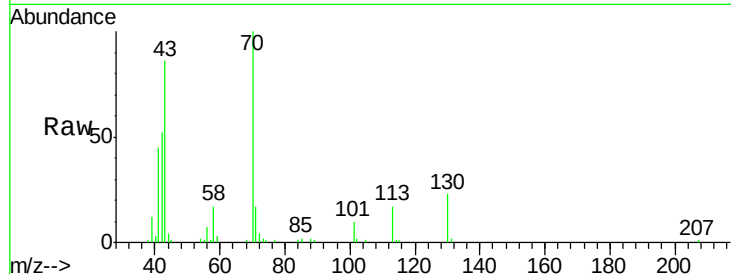
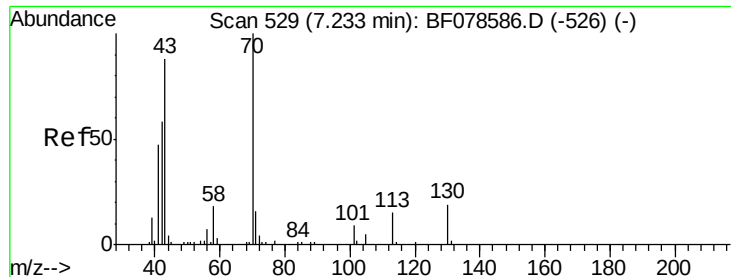
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#18
Hexachloroethane
Concen: 37.28 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion:	117	Resp:	34707
Ion Ratio	Lower	Upper	
117	100		
119	98.2	77.0	115.6
201	112.0	98.1	147.1





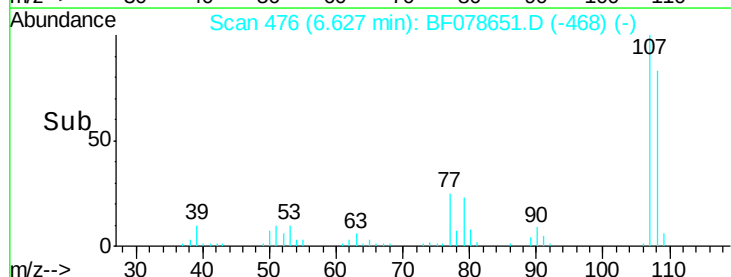
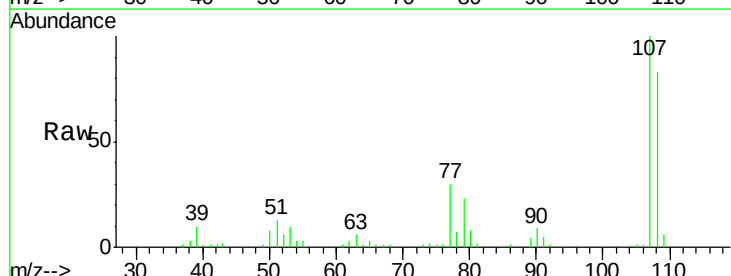
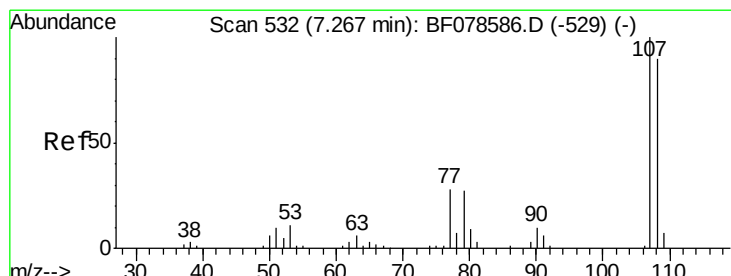
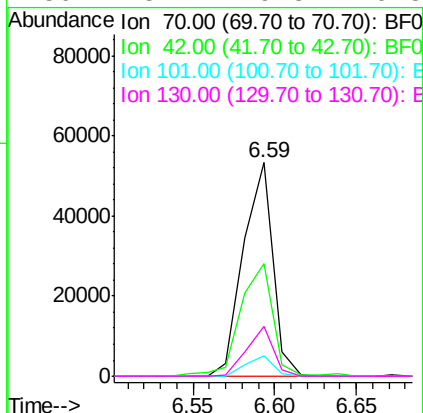
#19
n-Nitroso-di-n-propylamine
Concen: 38.28 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Manual Integrations
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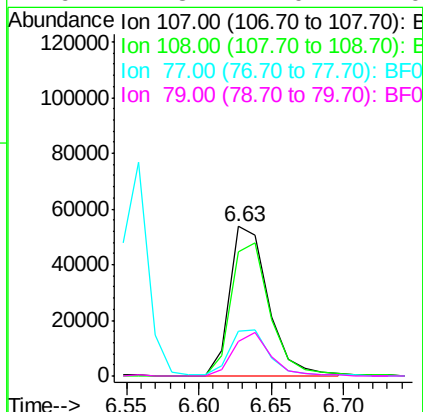
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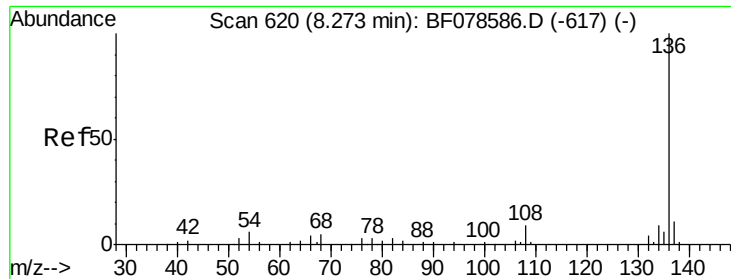
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	38.9	58.3	
101	9.9	8.3	12.5	
130	23.2	19.8	29.8	



#20
3+4-Methylphenols
Concen: 38.59 ng
RT: 6.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.2	64.4	104.4	
77	30.3	9.7	49.7	
79	22.8	4.0	44.0	





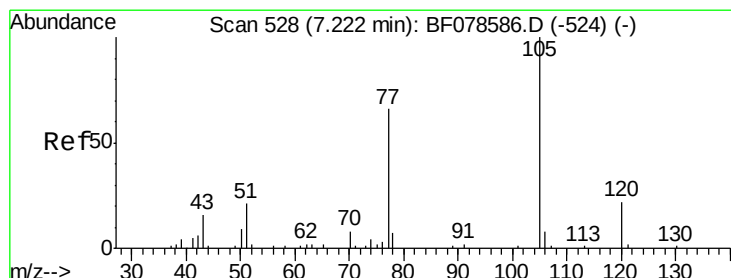
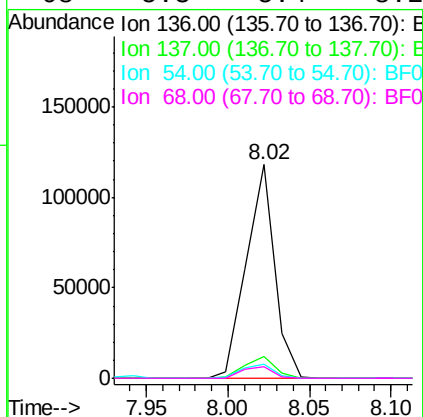
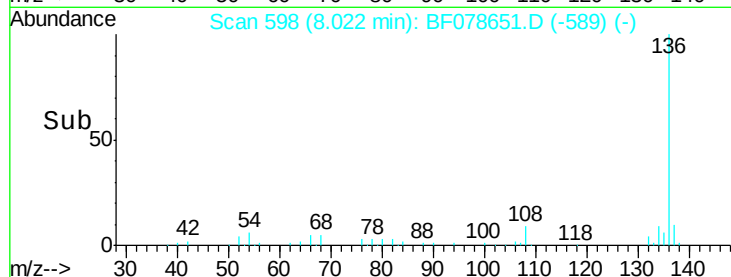
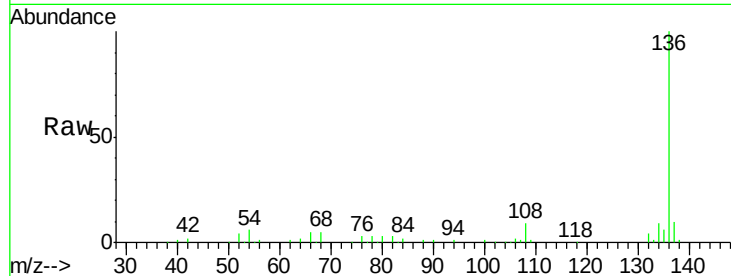
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	142591		
137	10.4	9.0	13.4	
54	6.4	7.0	10.6	
68	5.3	5.4	8.2	

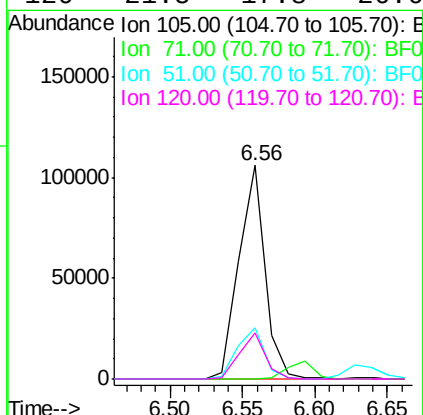
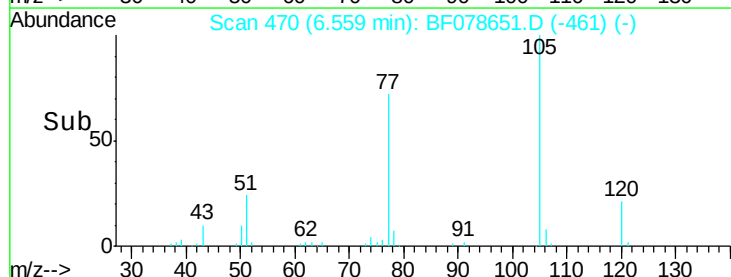
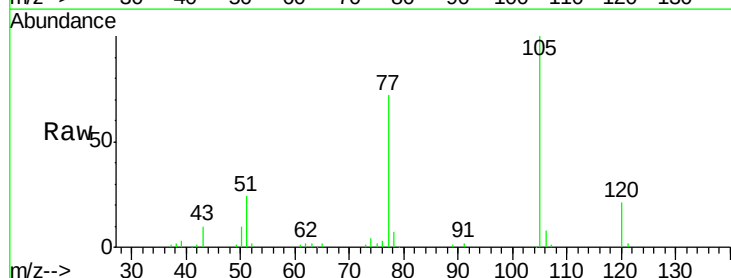
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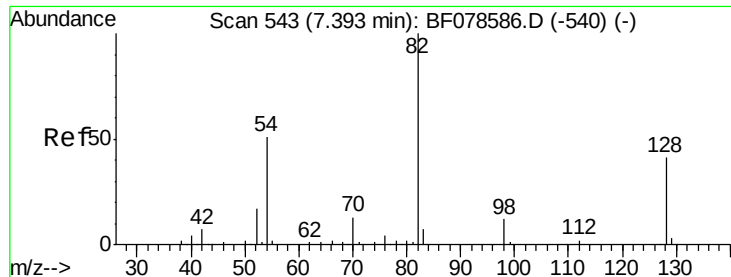
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#22
Acetophenone
Concen: 39.88 ng
RT: 6.56 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	132479		
71	0.0	5.5	8.3	
51	23.8	16.0	24.0	
120	21.5	17.8	26.6	





#23

Nitrobenzene-d5

Concen: 79.78 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

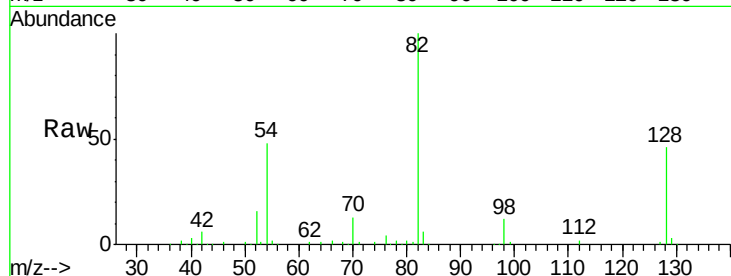
ClientSampleId :

PB82843BSD

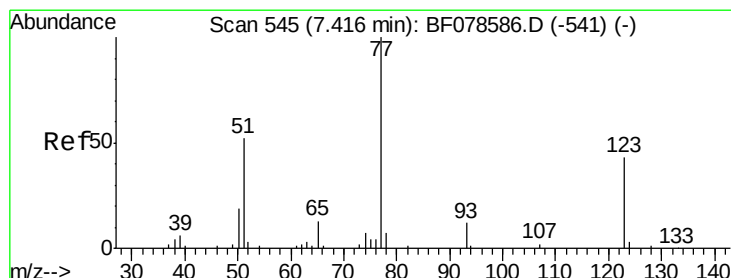
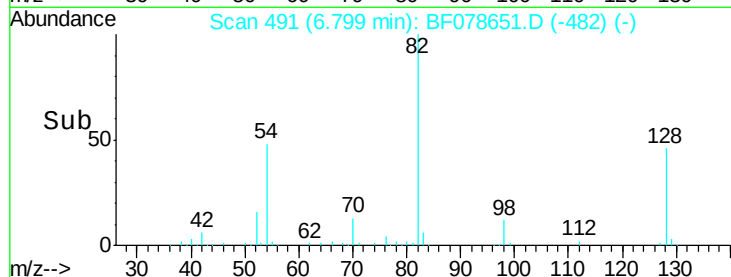
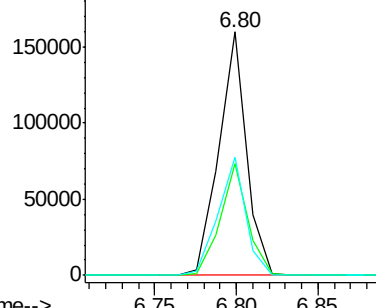
Tot Ion:	82	Resp:	187684
Ion Ratio	Lower	Upper	
82	100		
128	45.8	31.8	47.8
54	48.4	41.5	62.3

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



#24

Nitrobenzene

Concen: 38.75 ng

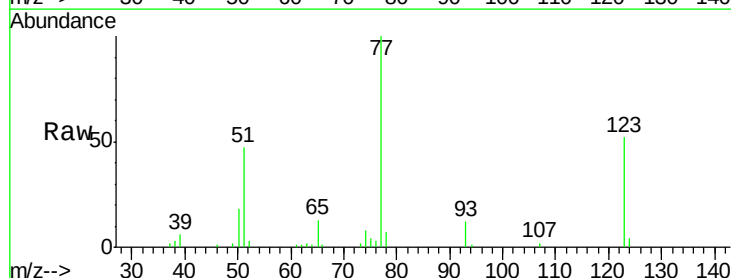
RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

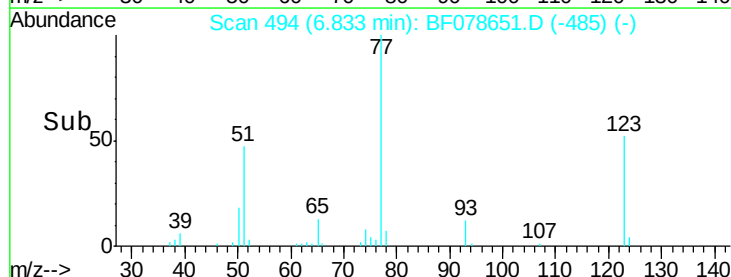
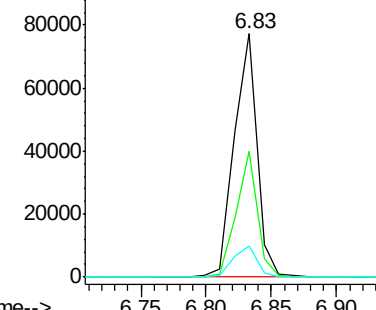
Lab File: BF078651.D

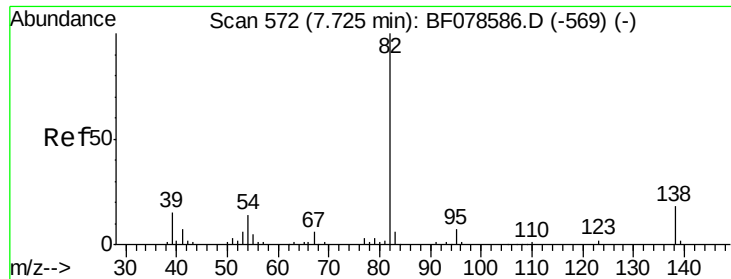
Acq: 20 Apr 2015 18:40

Tgt Ion:	77	Resp:	95291
Ion Ratio	Lower	Upper	
77	100		
123	51.6	46.9	70.3
65	13.0	9.5	14.3



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





#25

Isophorone

Concen: 38.94 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

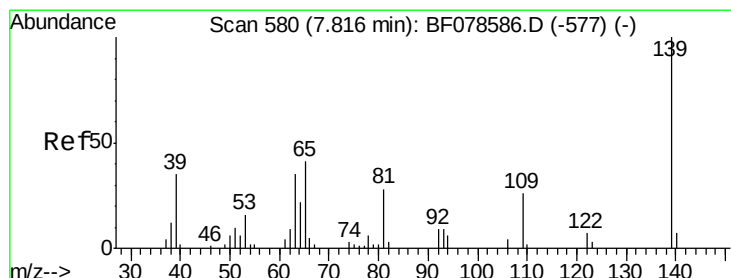
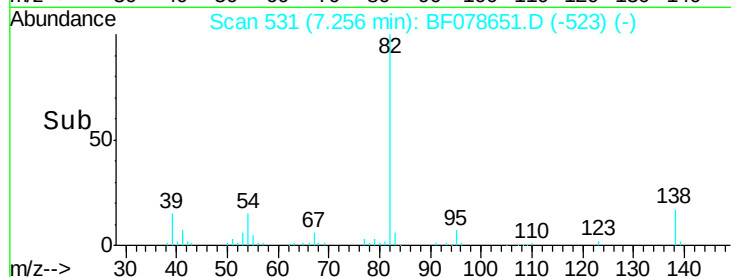
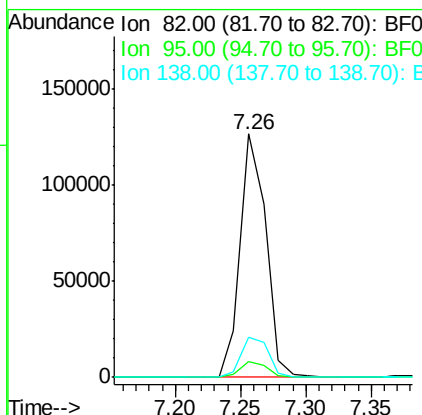
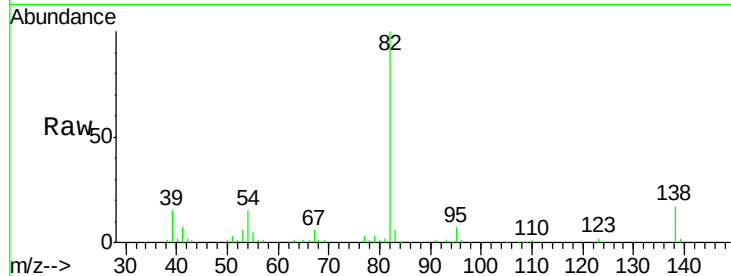
ClientSampleId :

PB82843BSD

Tot Ion:	82	Resp:	173841
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.7	8.5
138	16.7	15.8	23.8

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#26

2-Nitrophenol

Concen: 41.34 ng

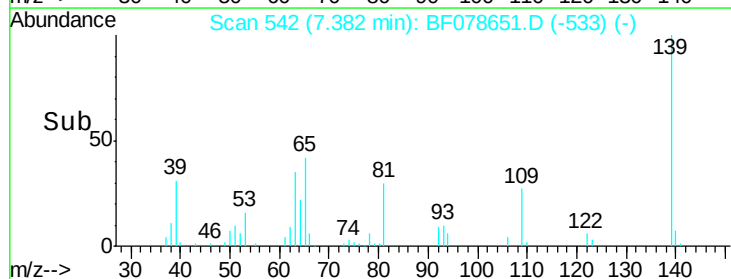
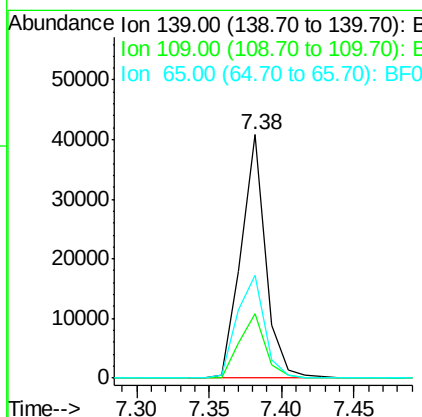
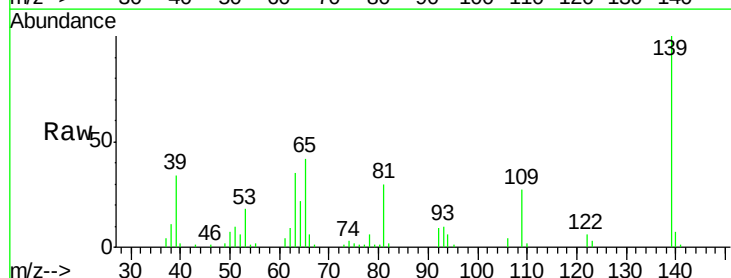
RT: 7.38 min Scan# 542

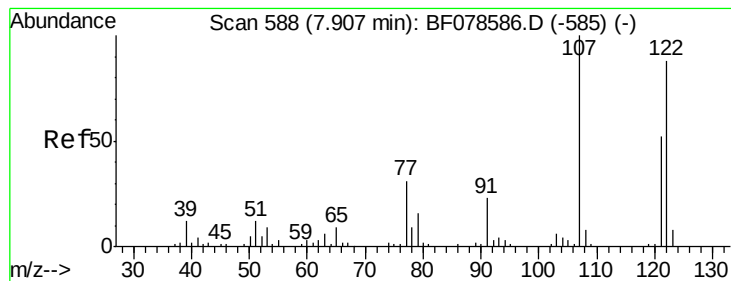
Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	139	Resp:	48451
Ion Ratio	Lower	Upper	
139	100		
109	26.6	19.8	29.8
65	42.4	32.7	49.1





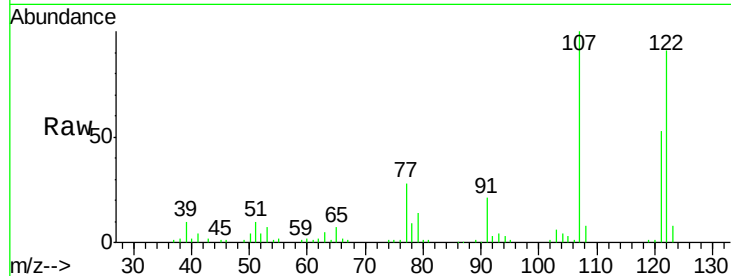
#27
 2,4-Dimethylphenol
 Concen: 39.39 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		85845		
107	109.4	84.6	127.0		
121	58.0	46.0	69.0		

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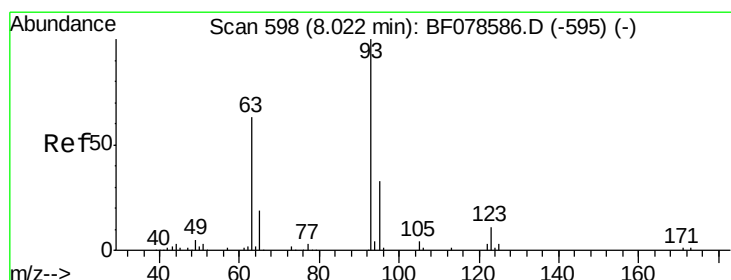
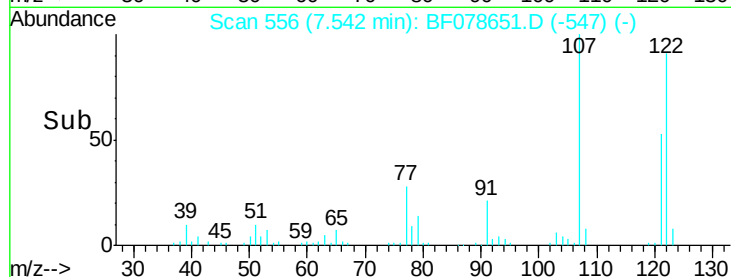
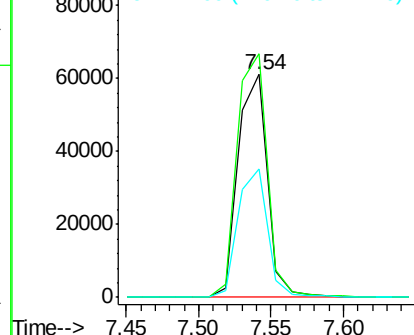


Abundance

Ion 122.00 (121.70 to 122.70): E

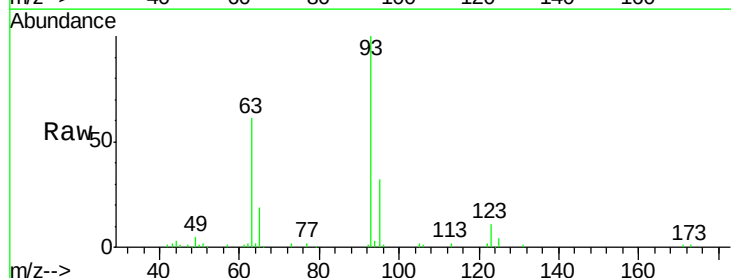
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.76 ng
 RT: 7.70 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		108119		
95	31.8	26.3	39.5		
123	11.0	9.1	13.7		

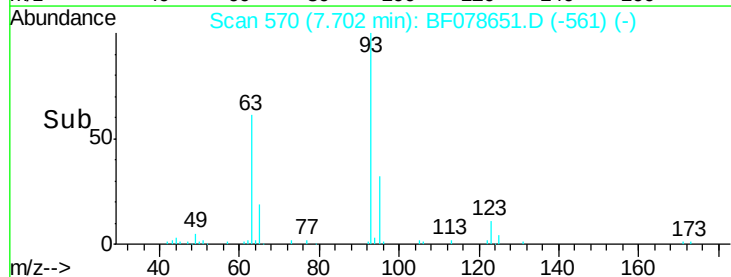
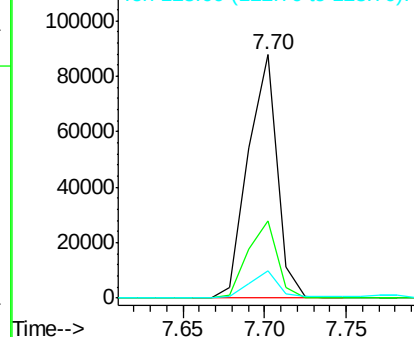


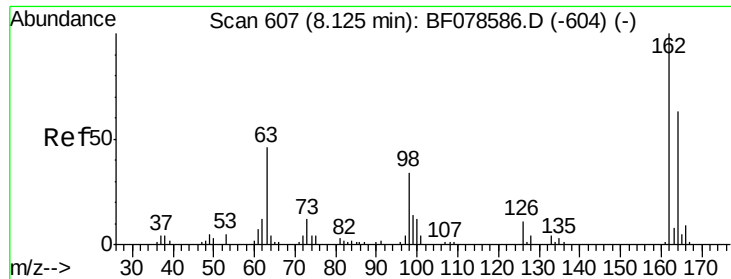
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





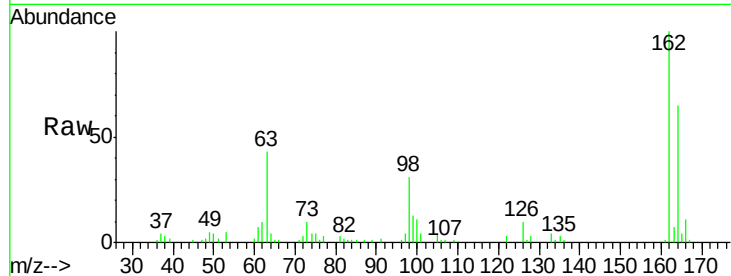
#29
 2,4-Dichlorophenol
 Concen: 41.79 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

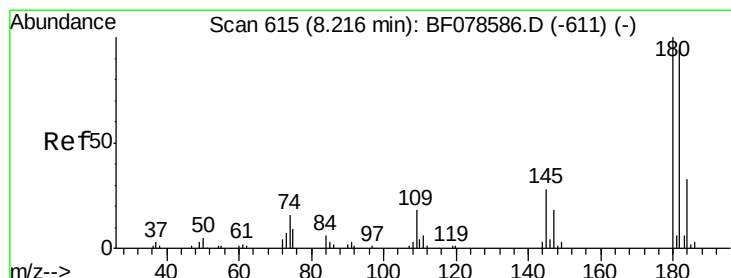
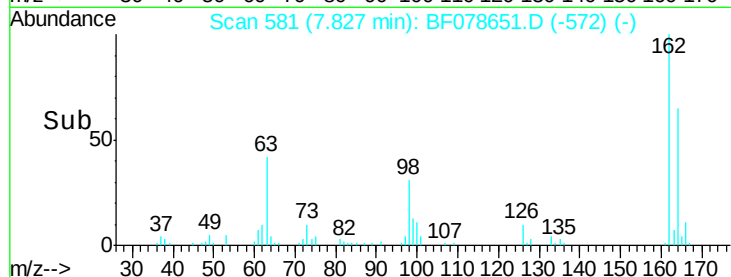
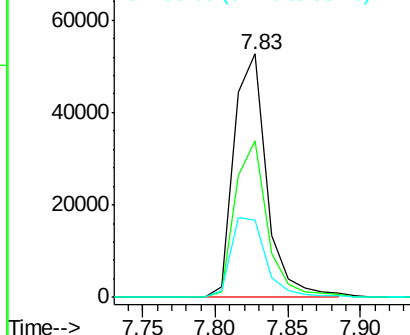
Tot Ion	Ratio	Resp	Lower	Upper
162	100	82848		
164	64.6	47.0	87.0	
98	31.5	9.2	49.2	

Manual Integrations
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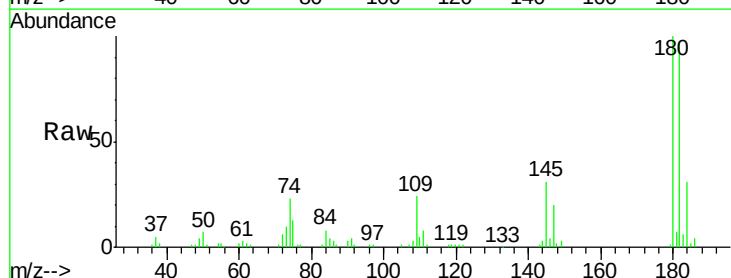


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

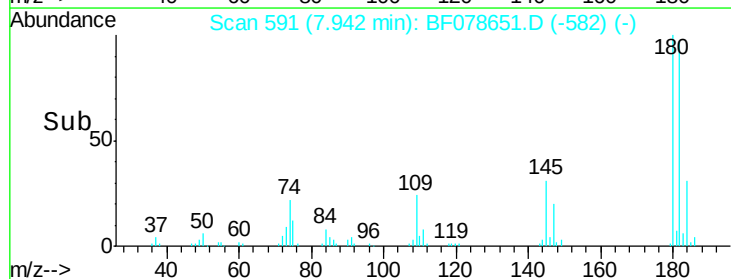
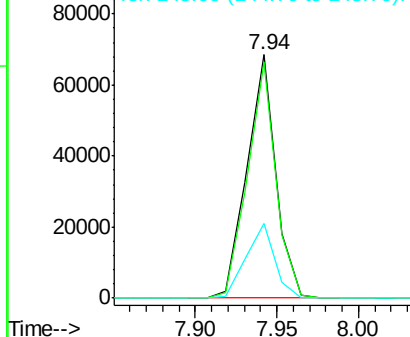


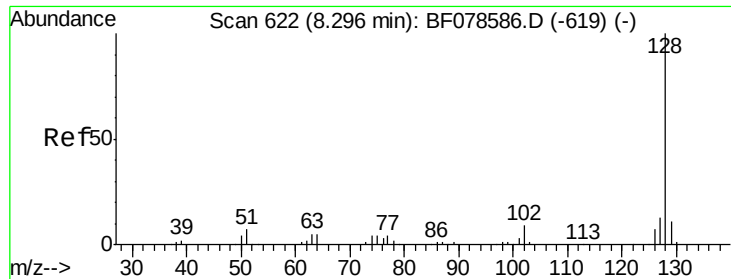
#30
 1,2,4-Trichlorobenzene
 Concen: 36.71 ng
 RT: 7.94 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83445		
182	97.0	76.9	115.3	
145	30.7	22.5	33.7	



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





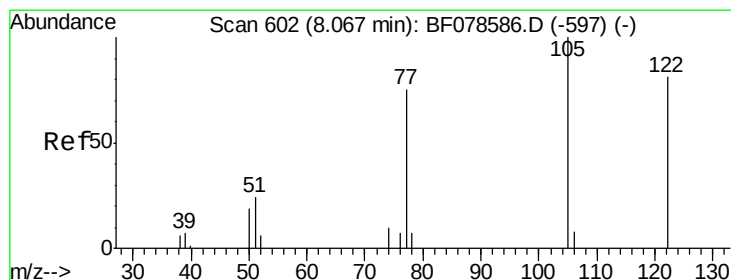
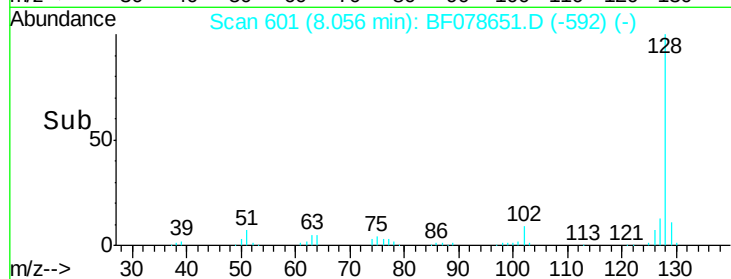
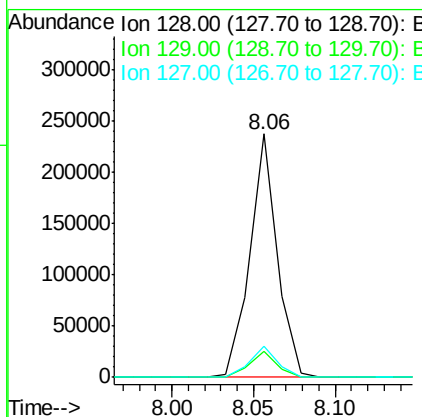
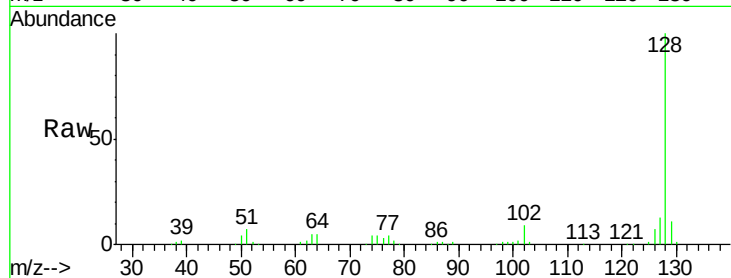
#31
Naphthalene
Concen: 37.19 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.7	10.7	16.1

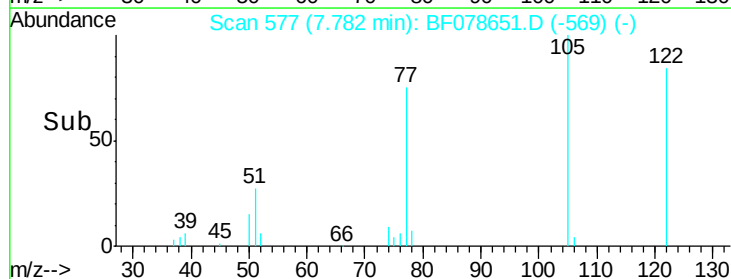
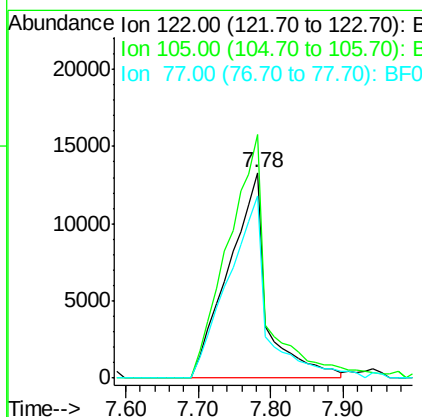
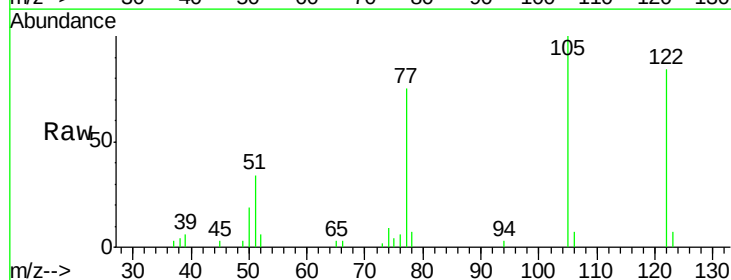
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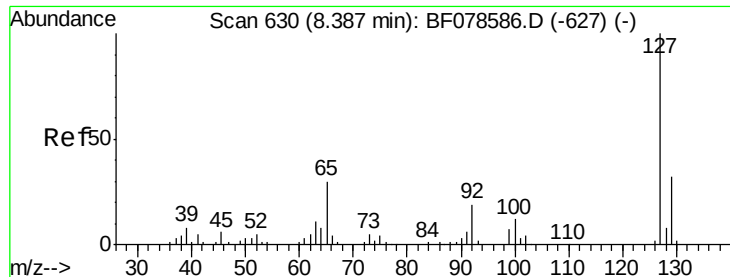
apatel
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#32
Benzoic acid
Concen: 47.98 ng m
RT: 7.78 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	96.1	136.1
77	88.6	64.1	104.1





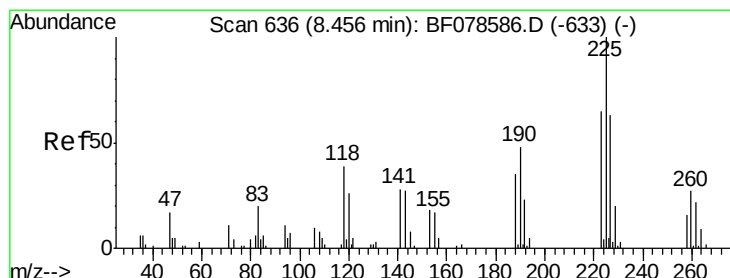
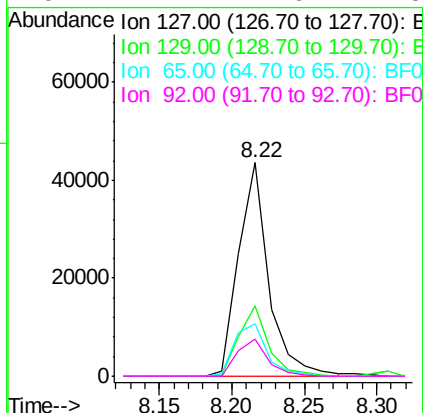
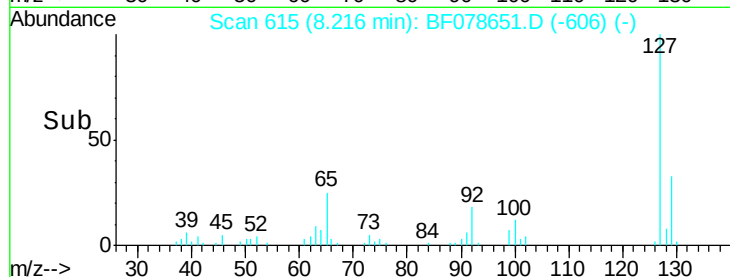
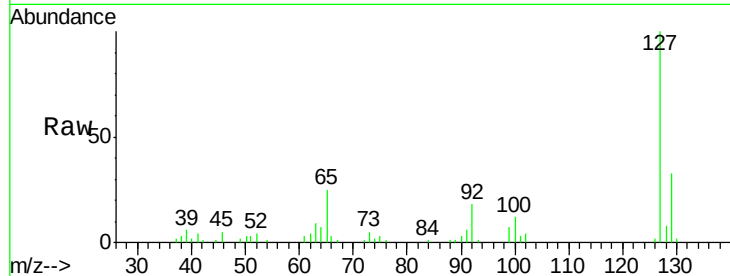
#33
4-Chloroaniline
Concen: 20.38 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion:	127	Resp:	62764
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.5	38.3
65	24.8	21.7	32.5
92	17.7	14.6	21.8

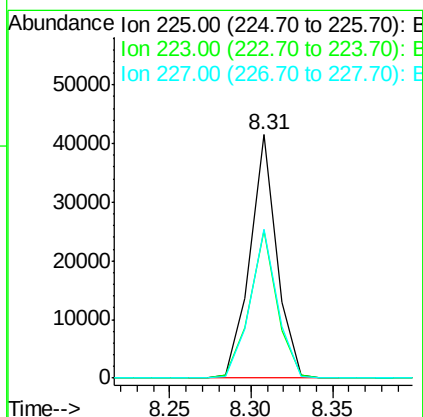
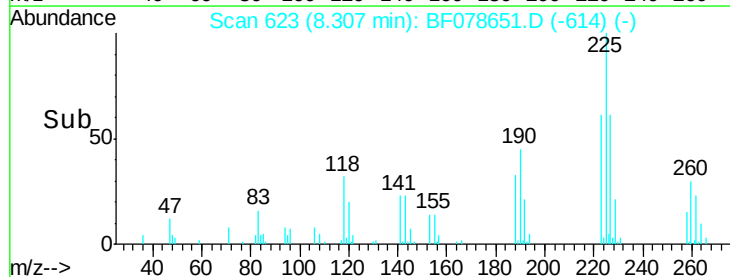
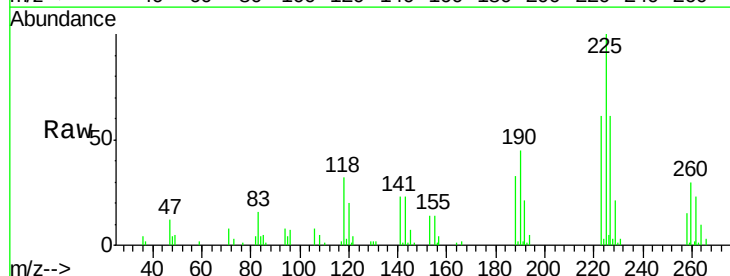
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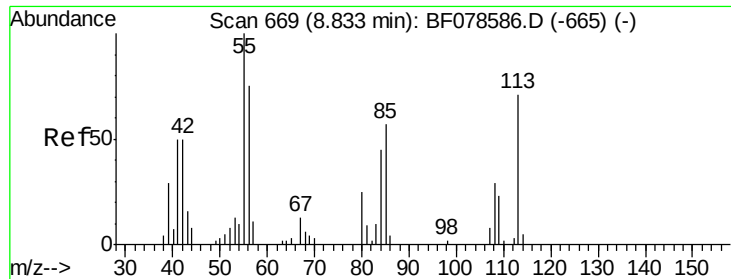
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#34
Hexachlorobutadiene
Concen: 38.05 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion:	225	Resp:	47486
Ion Ratio	Lower	Upper	
225	100		
223	60.7	47.5	71.3
227	61.2	50.2	75.2





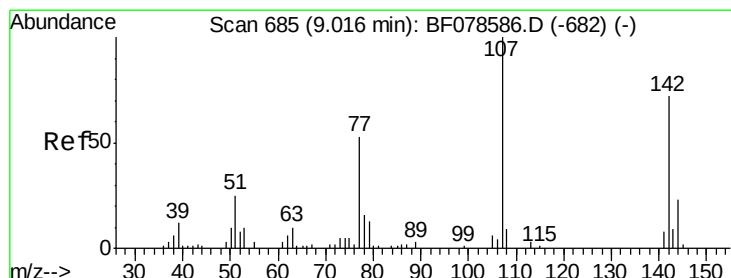
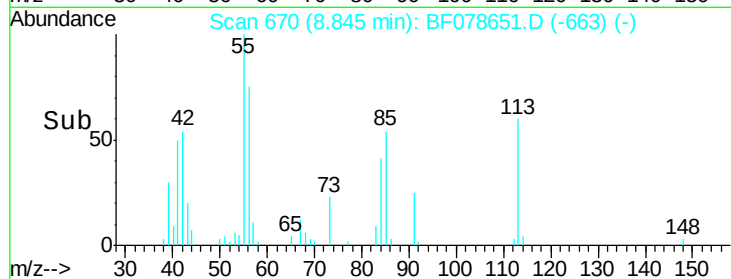
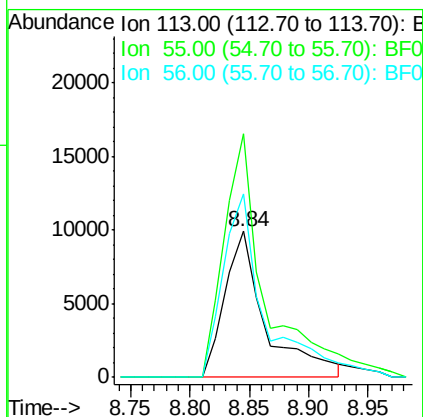
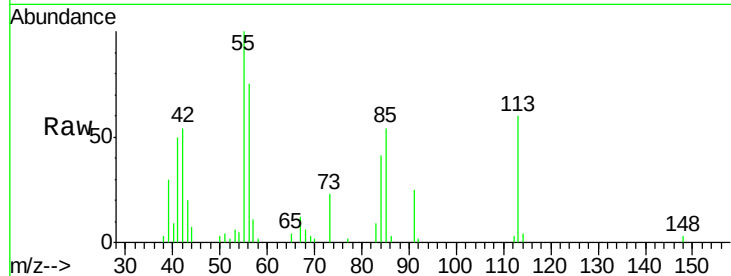
#35
 Caprolactam
 Concen: 40.33 ng
 RT: 8.84 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.9	151.9	191.9
56	125.6	106.1	146.1

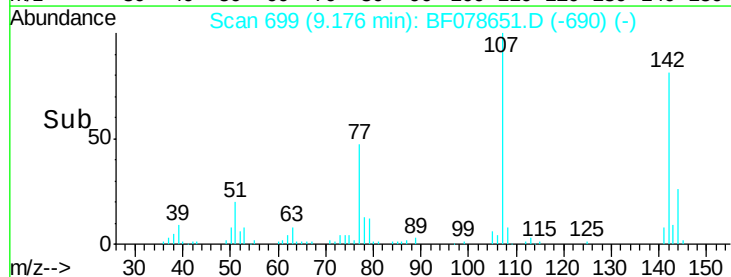
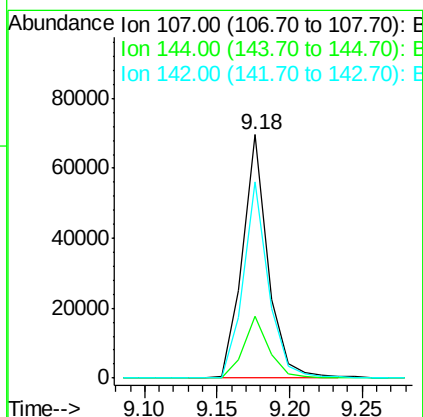
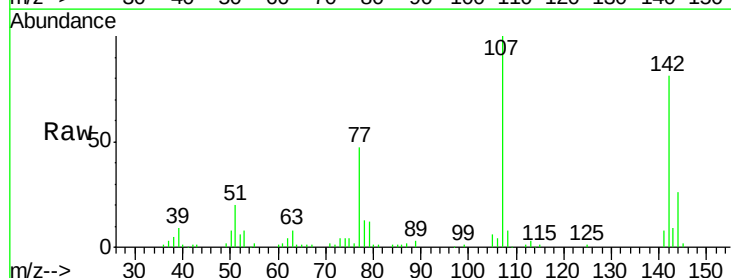
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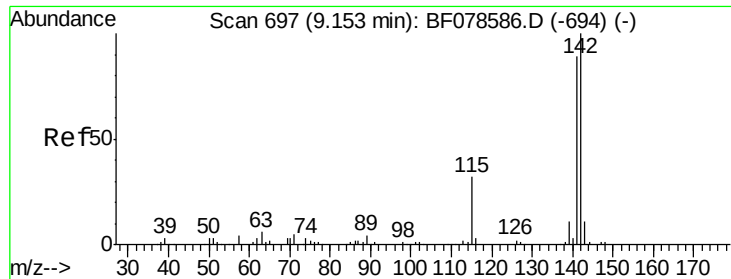
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#36
 4-Chloro-3-methylphenol
 Concen: 42.67 ng
 RT: 9.18 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	18.2	27.2
142	80.6	58.0	87.0





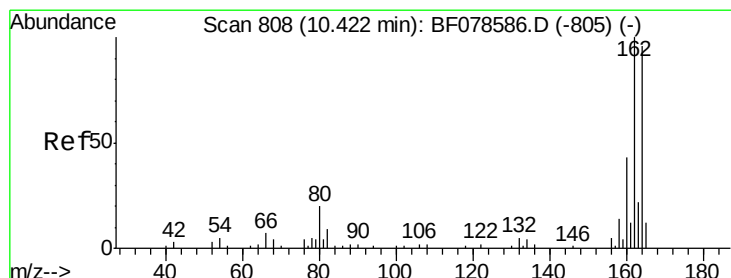
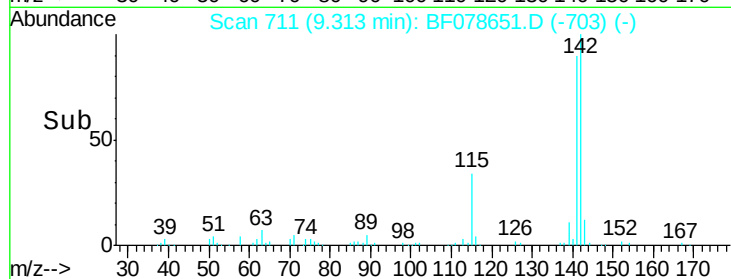
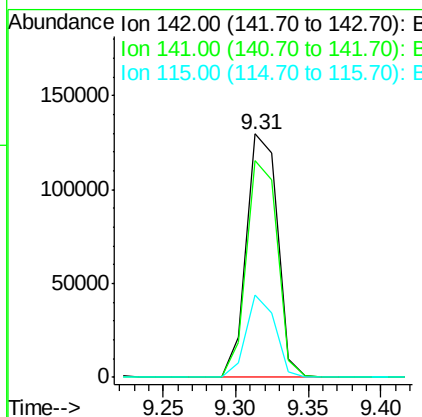
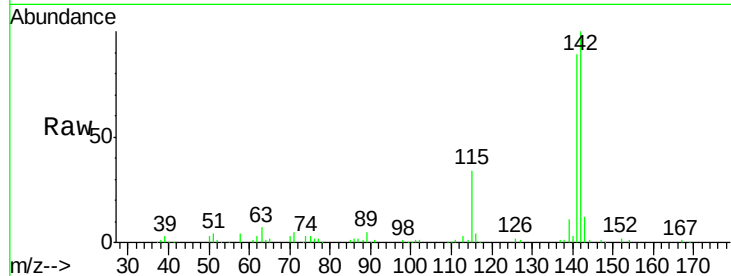
#37
2-Methylnaphthalene
Concen: 38.42 ng
RT: 9.31 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	33.8	24.6	37.0

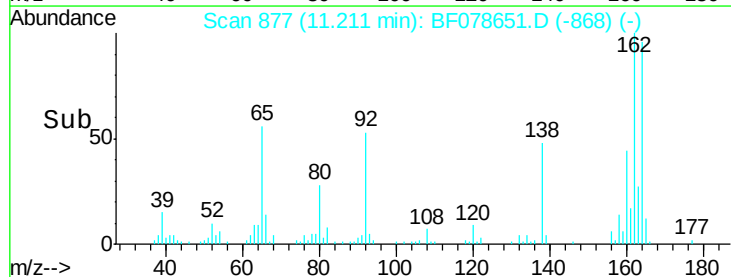
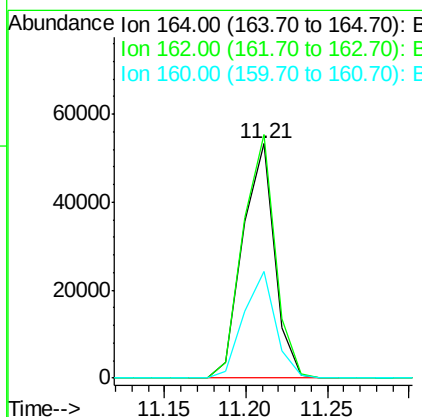
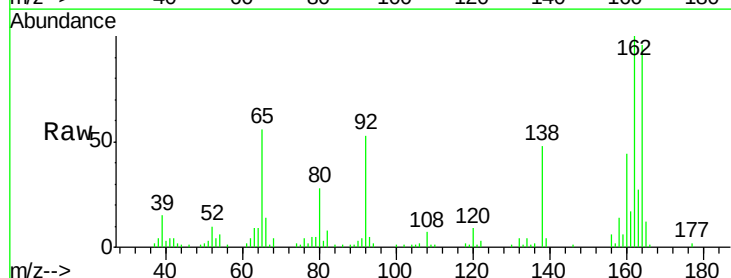
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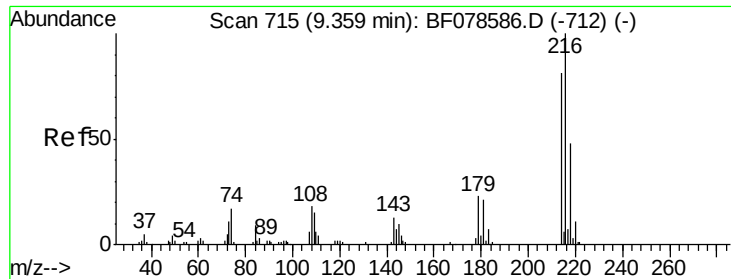
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.2
160	45.8	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.07 ng

RT: 9.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

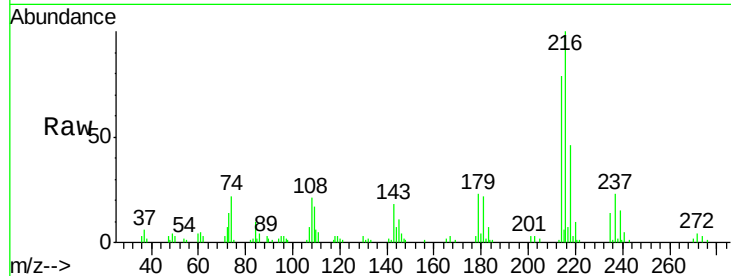
ClientSampleId :

PB82843BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	76.9		62.0	93.0	
179	21.0		17.3	25.9	
108	19.9		14.6	21.8	

Manual Integrations
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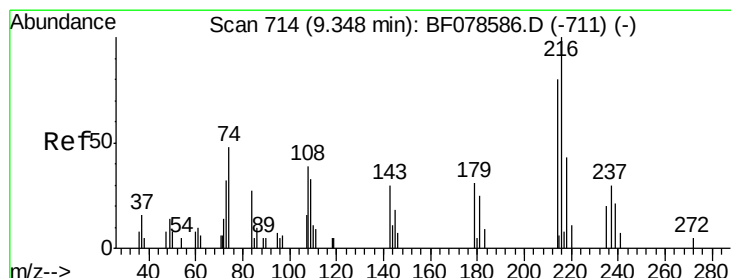
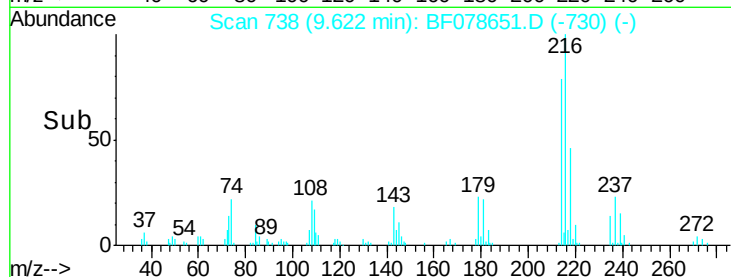
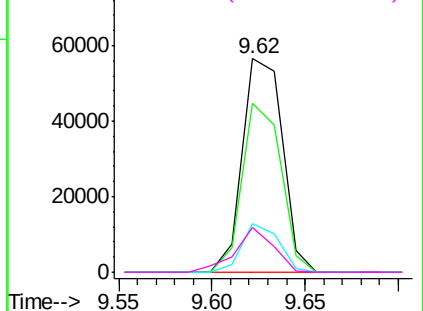


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.50 ng

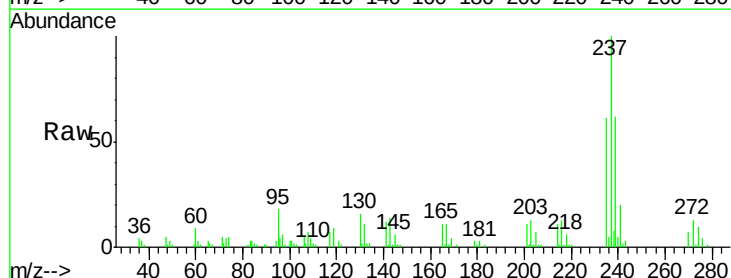
RT: 9.61 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

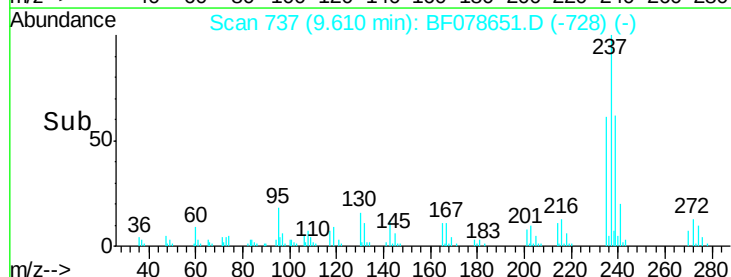
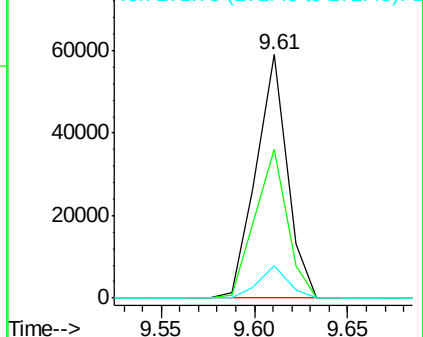
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.2		44.1	84.1	
272	13.2		0.0	34.4	

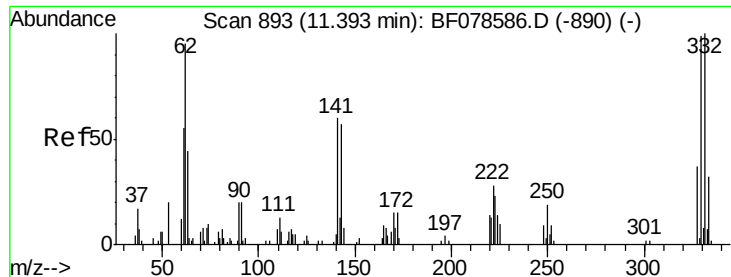


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





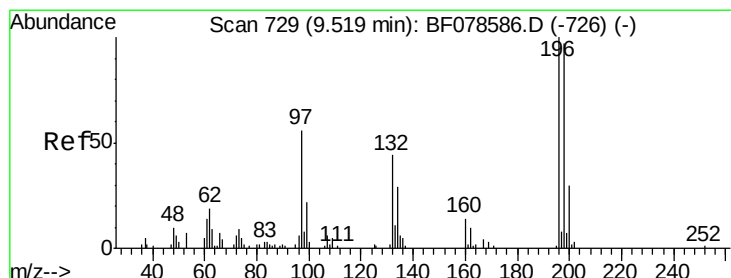
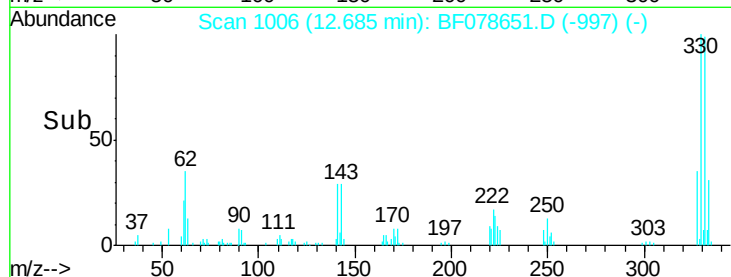
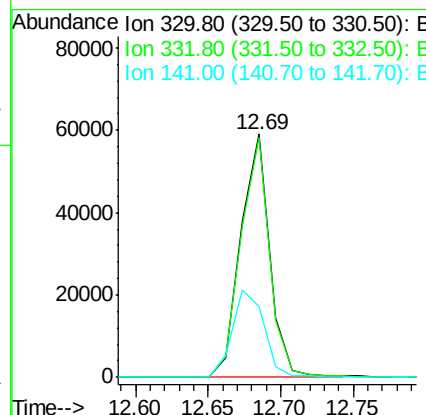
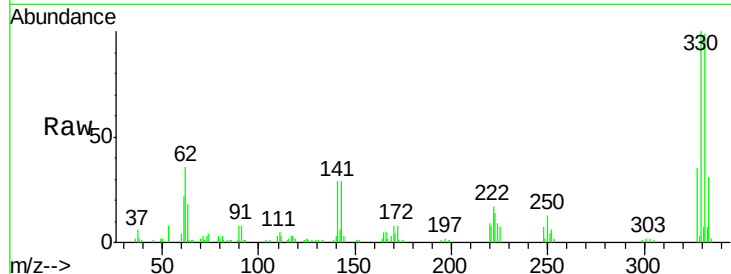
#41
 2,4,6-Tribromophenol
 Concen: 138.28 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.6	117.8
141	39.4	31.2	46.8

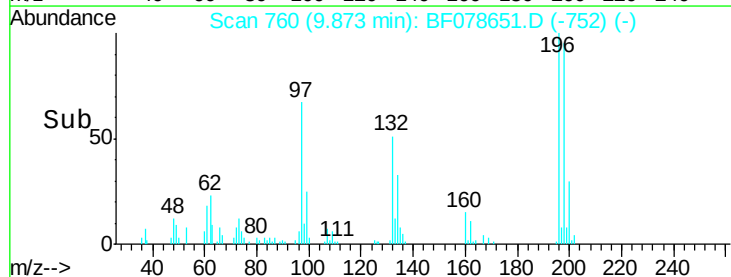
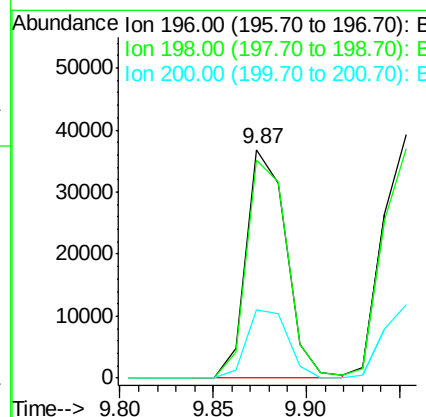
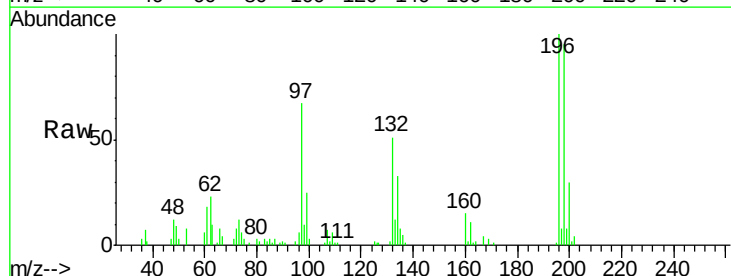
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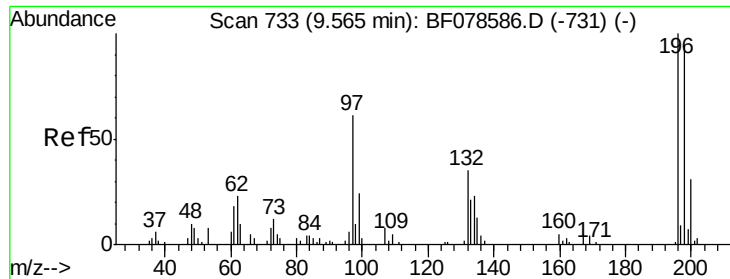
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#42
 2,4,6-Trichlorophenol
 Concen: 39.28 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.2
200	29.7	24.0	36.0





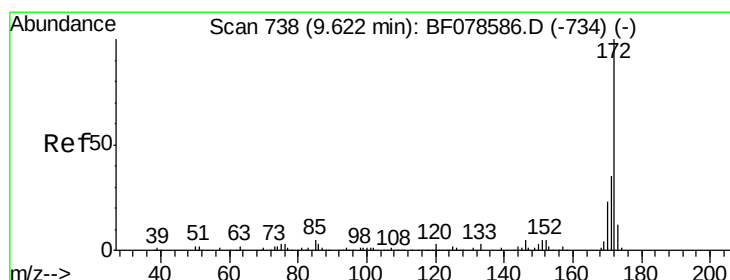
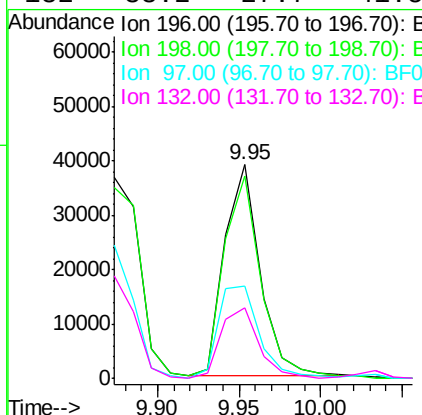
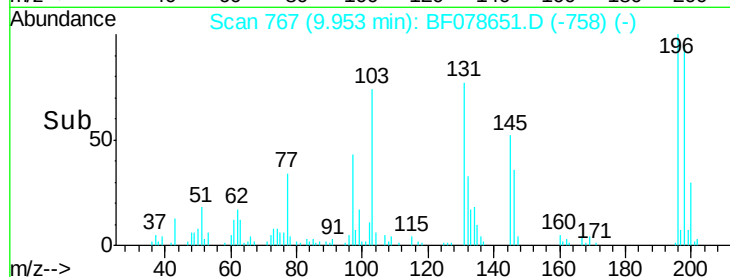
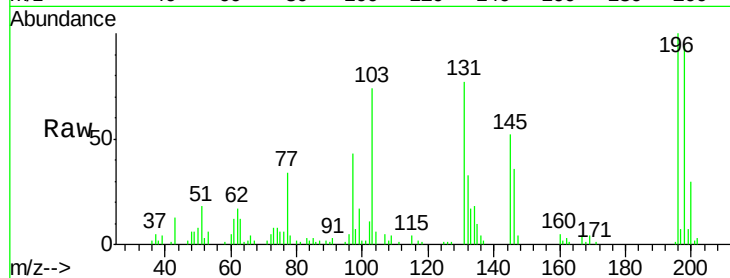
#43
 2,4,5-Trichlorophenol
 Concen: 39.90 ng
 RT: 9.95 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		58277		
198	94.4	76.6	115.0		
97	43.1	50.6	75.8#		
132	33.2	27.7	41.5		

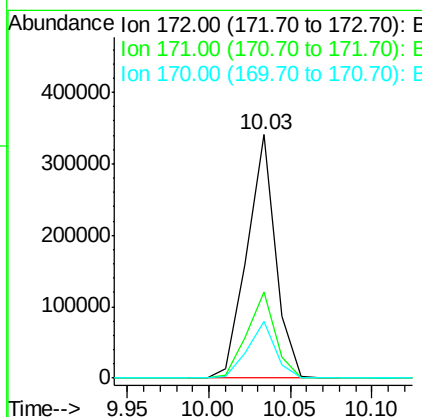
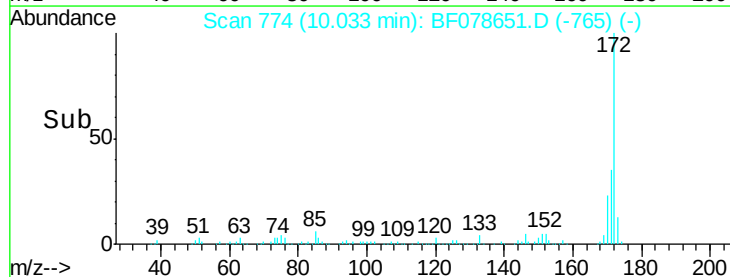
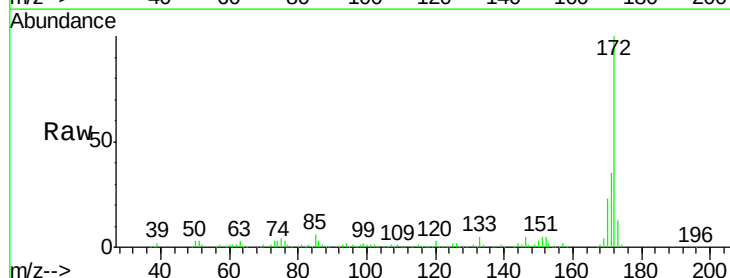
Manual Integrations
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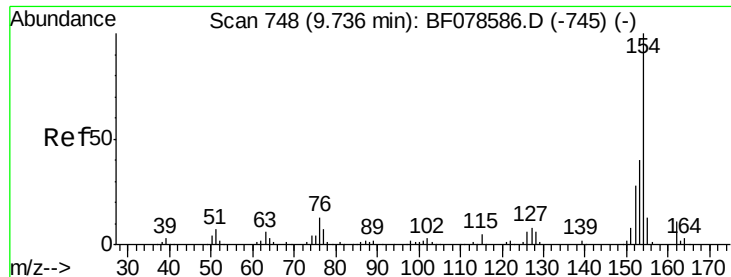
apatel
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#44
 2-Fluorobiphenyl
 Concen: 82.19 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		411405		
171	35.5	28.6	42.8		
170	23.4	18.5	27.7		





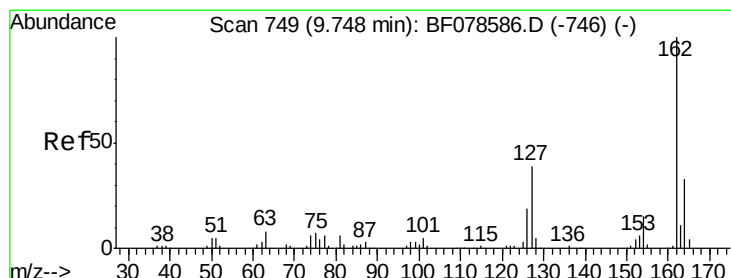
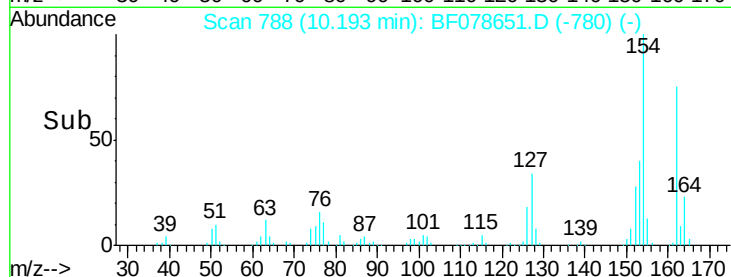
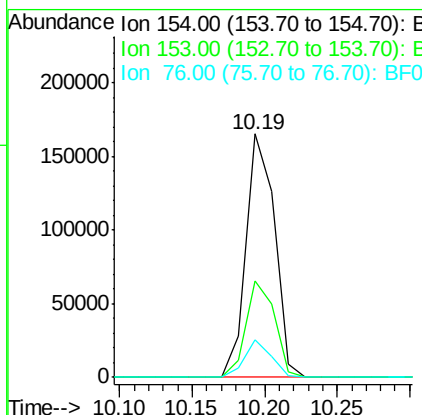
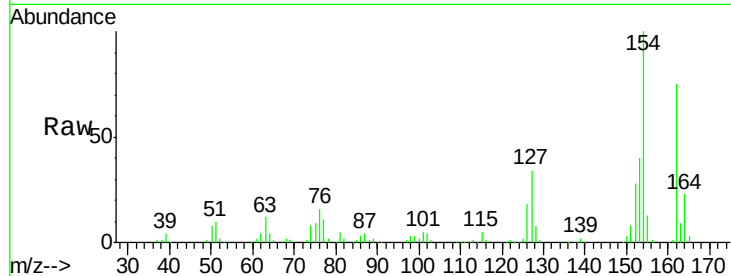
#45
1,1'-Biphenyl
Concen: 38.60 ng
RT: 10.19 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	20.0	60.0	
76	15.7	0.0	30.6	

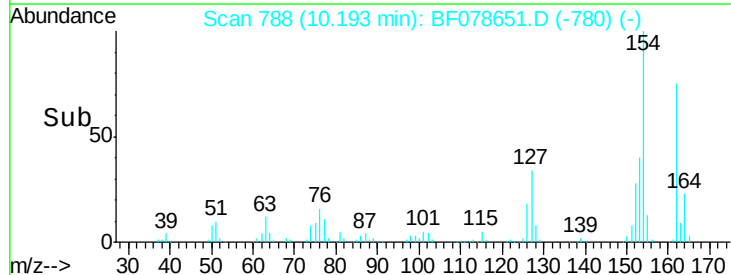
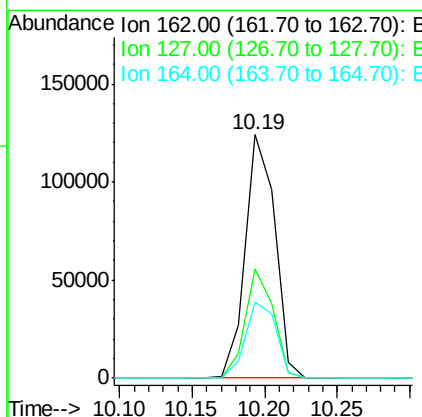
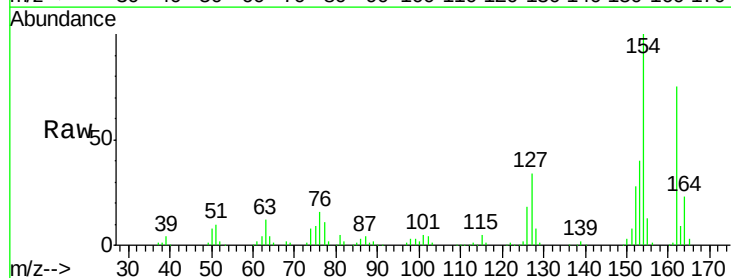
Manual Integrations
APPROVED

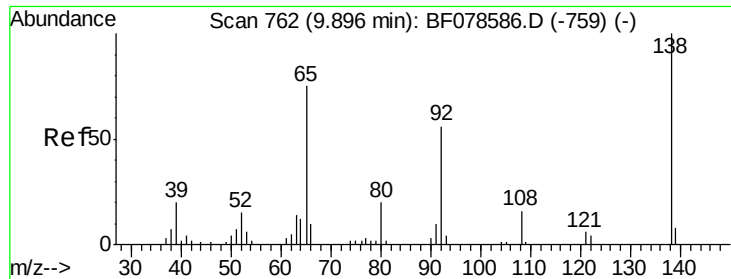
apatel
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#46
2-Chloronaphthalene
Concen: 38.15 ng
RT: 10.19 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.7	32.6	49.0	
164	31.0	26.0	39.0	





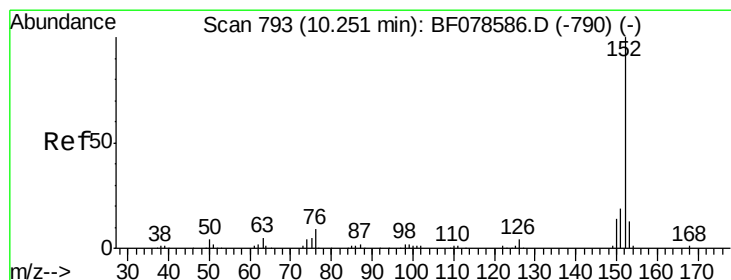
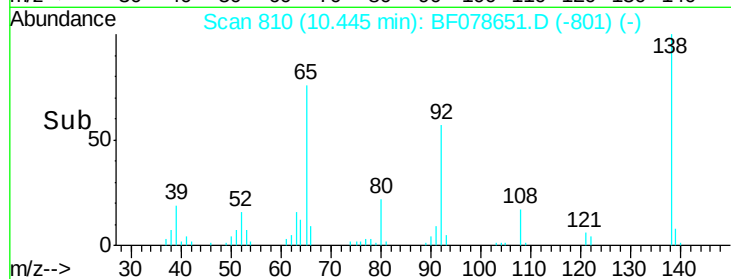
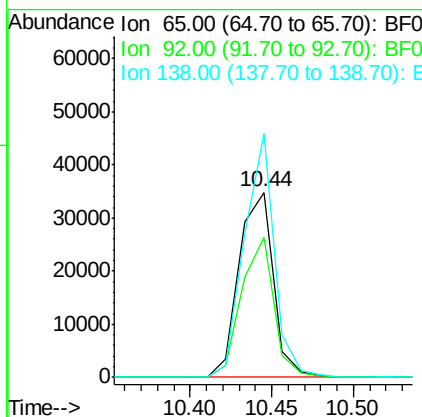
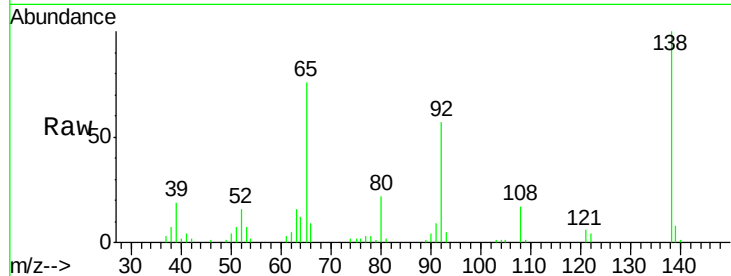
#47
2-Nitroaniline
Concen: 44.44 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	51.3	76.9
138	131.7	70.4	105.6

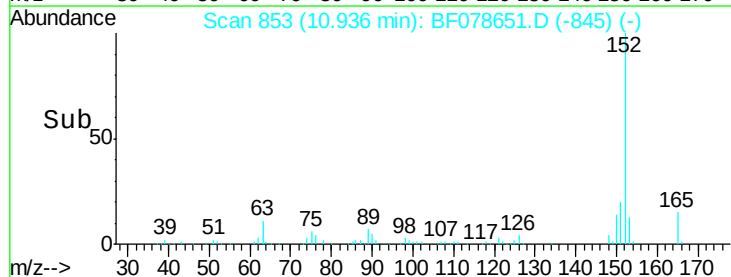
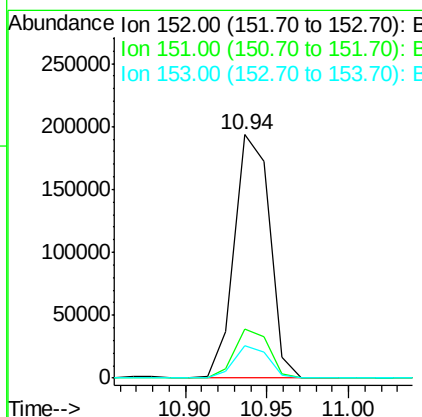
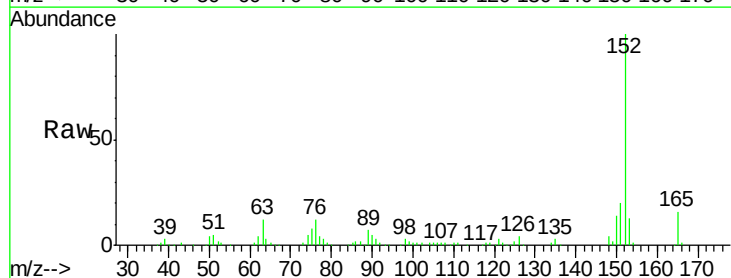
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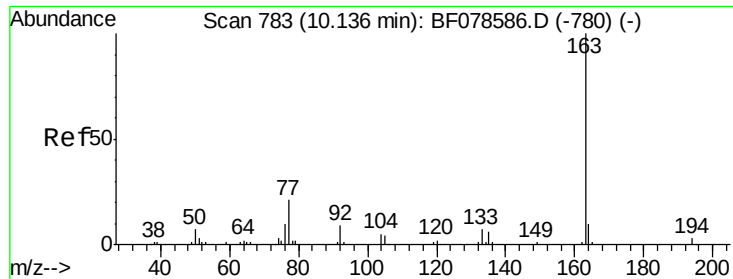
apatel
4/21/2015 5:03:36 PM



#48
Acenaphthylene
Concen: 38.97 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.4	10.2	15.2





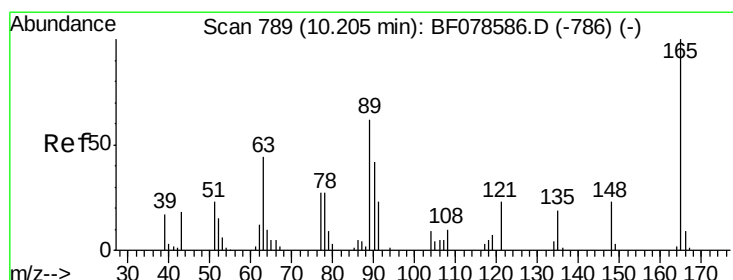
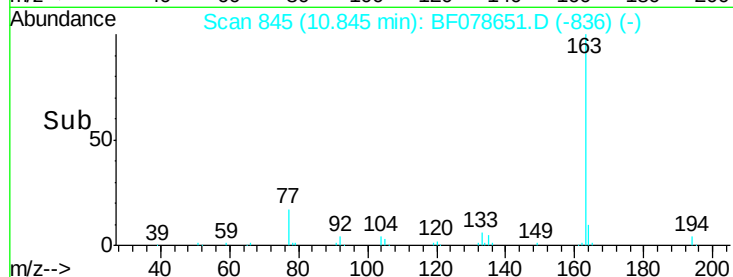
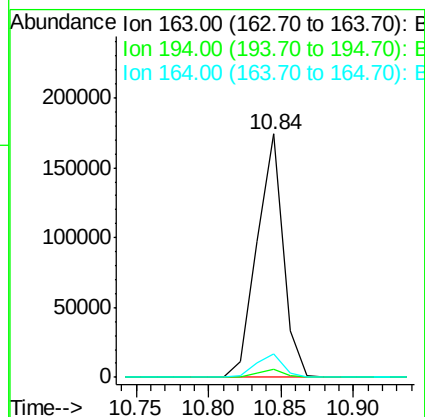
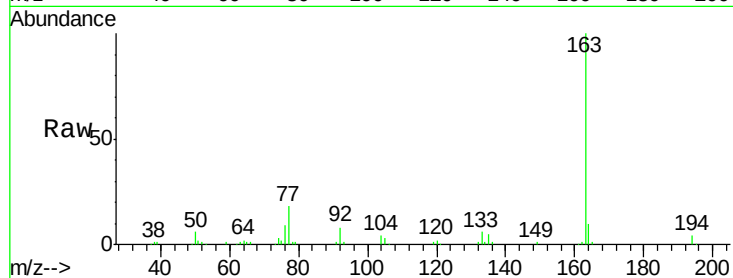
#49
Dimethylphthalate
Concen: 40.48 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	217621		
194	3.6	2.3	3.5#	
164	9.7	8.6	13.0	

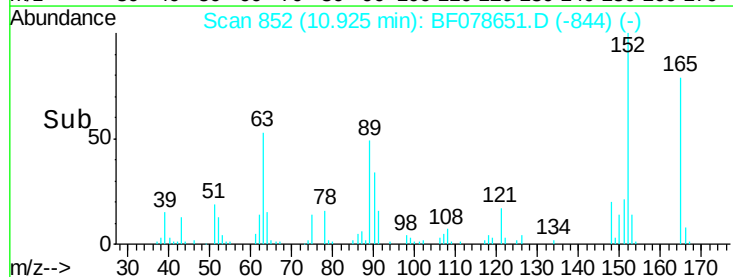
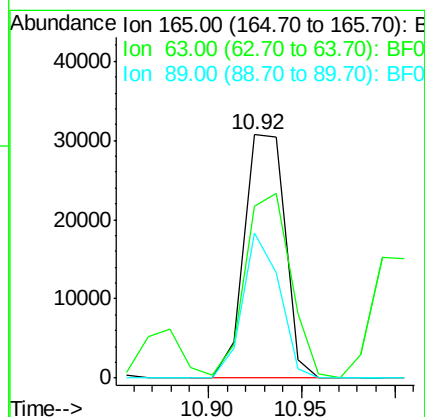
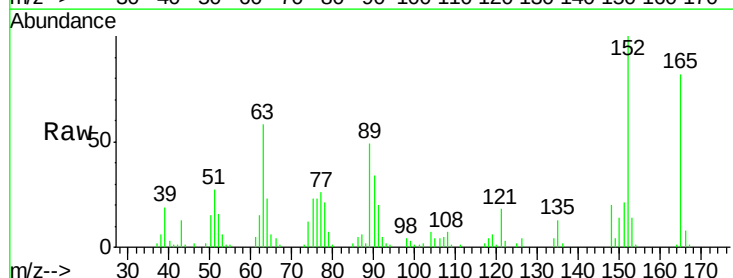
Manual Integrations
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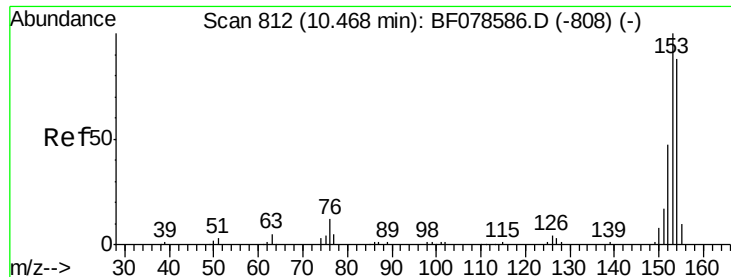
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#50
2,6-Dinitrotoluene
Concen: 42.19 ng
RT: 10.92 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	46656		
63	70.7	24.1	36.1#	
89	59.8	28.9	43.3#	





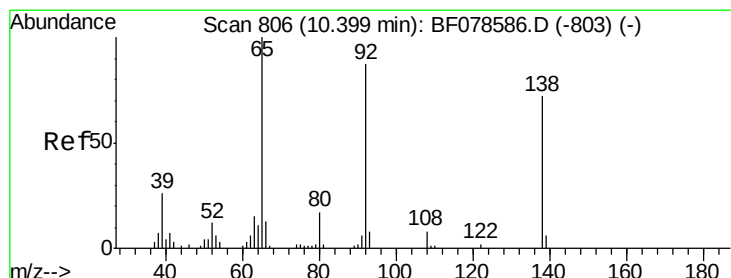
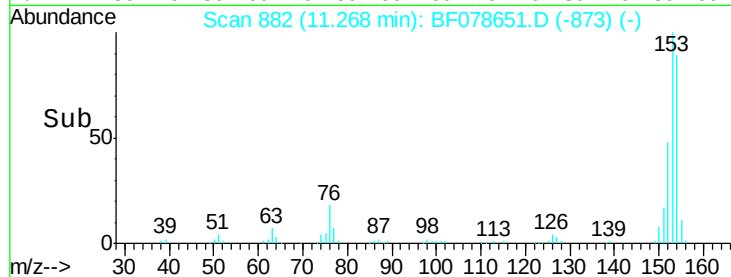
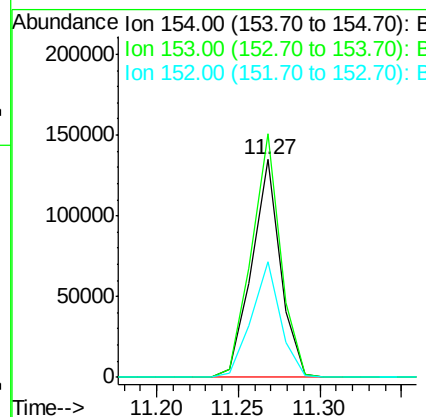
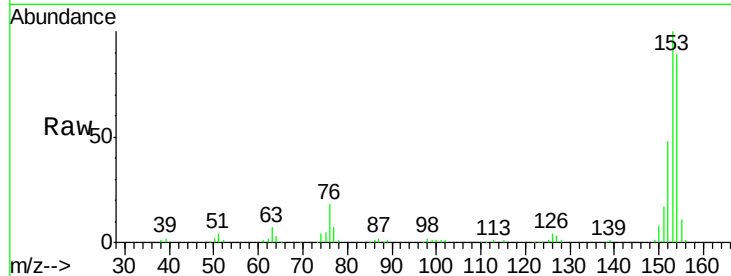
#51
Acenaphthene
Concen: 39.37 ng
RT: 11.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.4	137.2
152	53.4	43.0	64.6

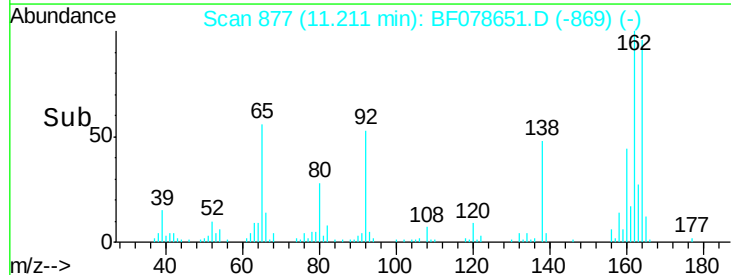
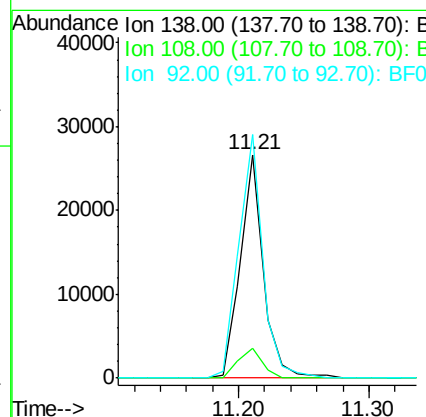
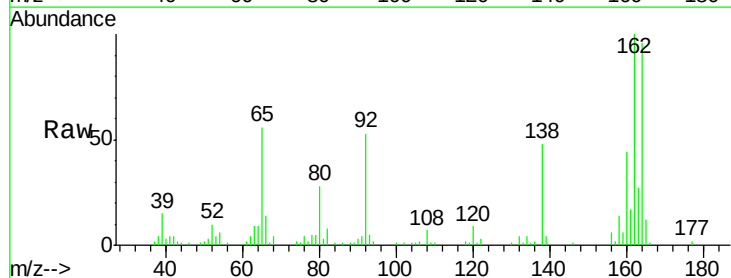
Manual Integrations
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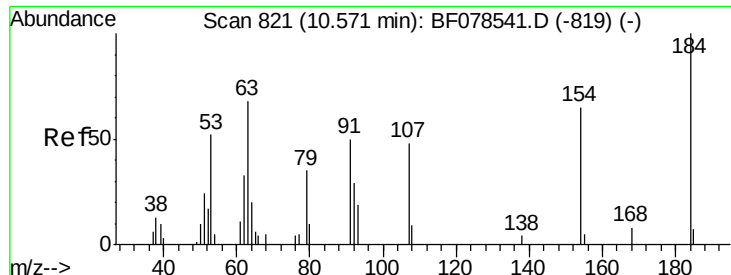
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#52
3-Nitroaniline
Concen: 26.00 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.5	8.2	12.4#
92	108.9	88.4	132.6





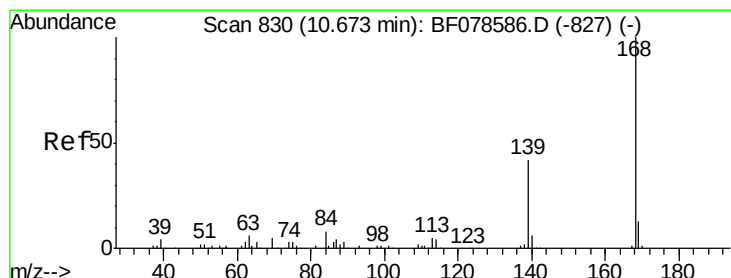
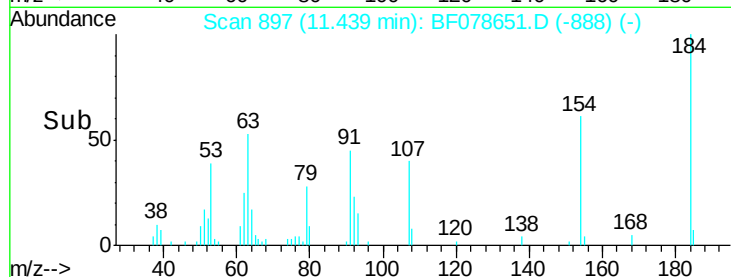
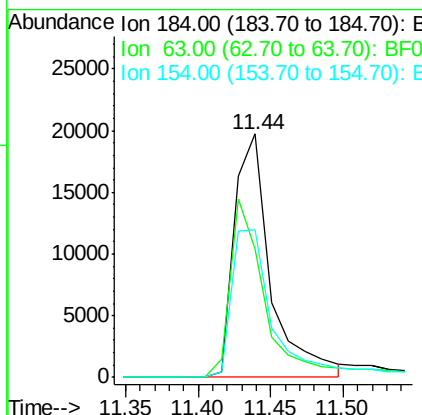
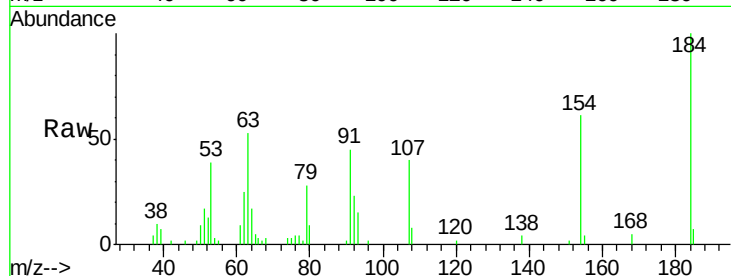
#53
 2,4-Dinitrophenol
 Concen: 80.01 ng
 RT: 11.44 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.5	51.9	77.9
154	60.7	51.0	76.4

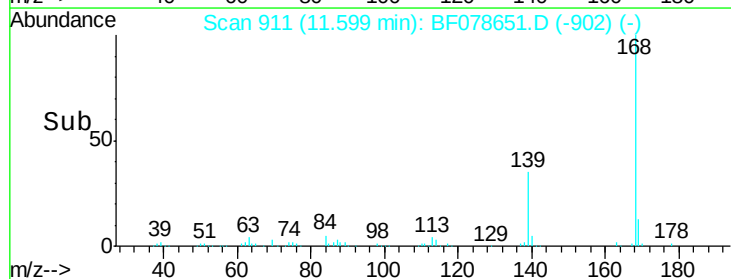
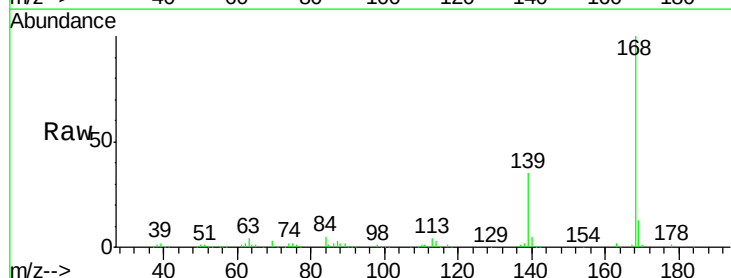
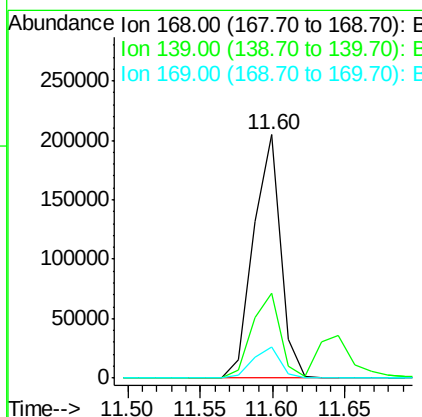
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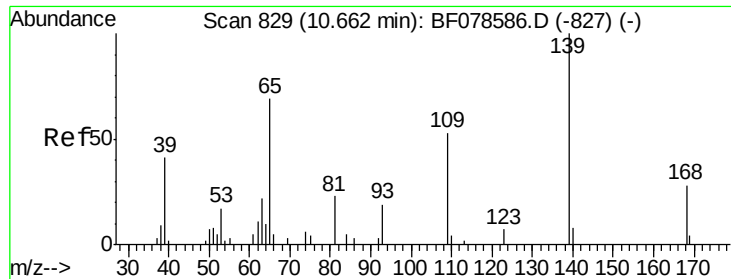
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#54
 Dibenzofuran
 Concen: 41.45 ng
 RT: 11.60 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	31.0	46.4
169	12.7	10.7	16.1





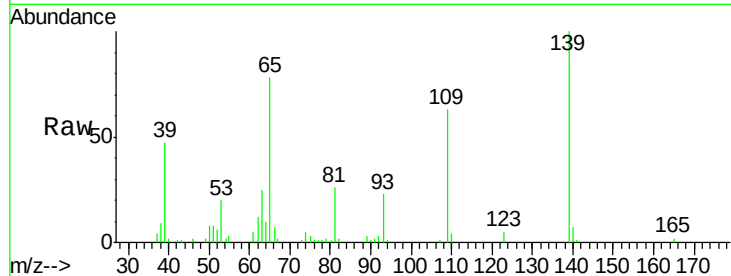
#55
4-Nitrophenol
Concen: 61.25 ng
RT: 11.64 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	56096		
109	63.2	36.7	76.7	
65	78.2	49.9	89.9	

Manual Integrations
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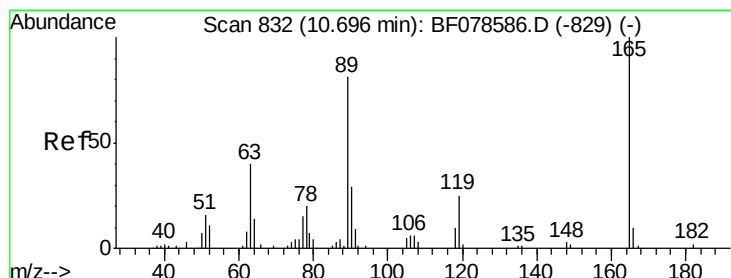
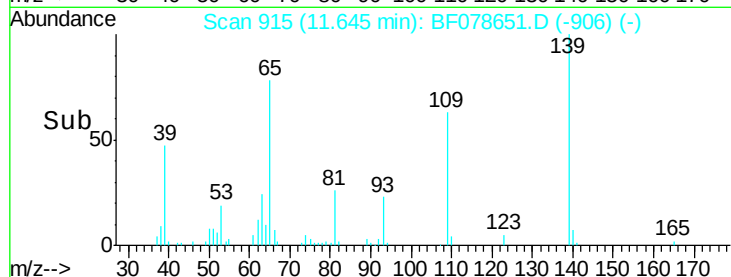
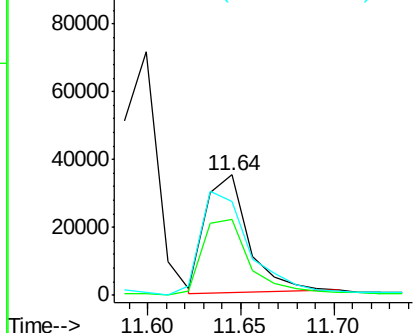


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 45.13 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64646		
63	42.7	26.5	39.7#	
89	70.1	46.4	69.6#	
182	2.0	2.0	3.0#	

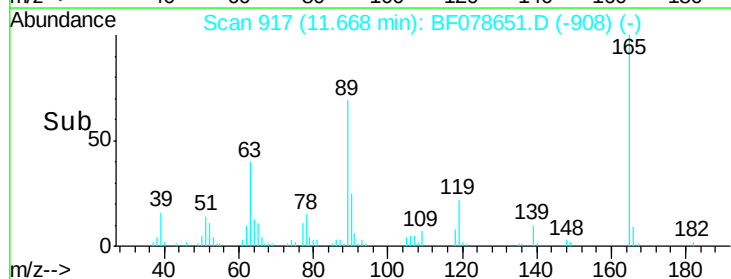
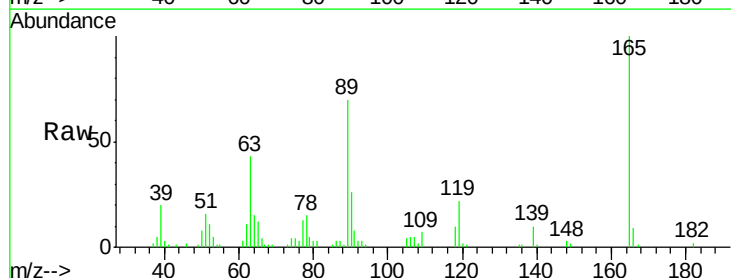
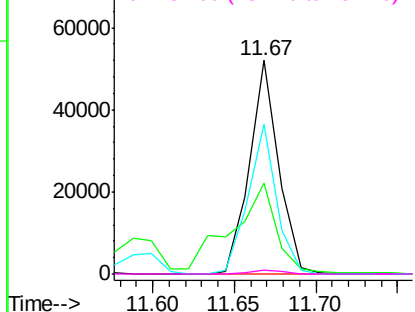
Abundance

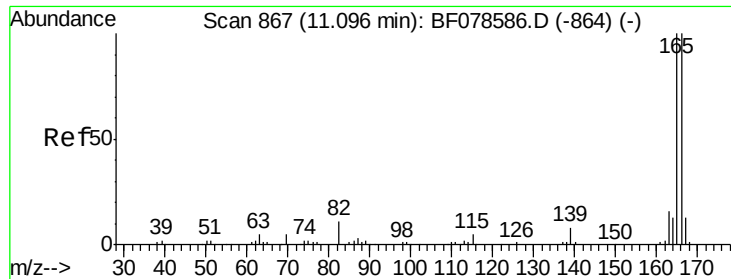
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





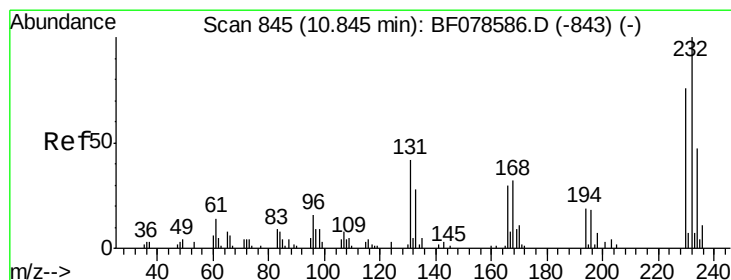
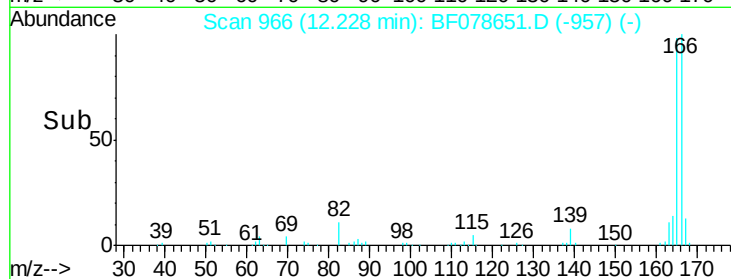
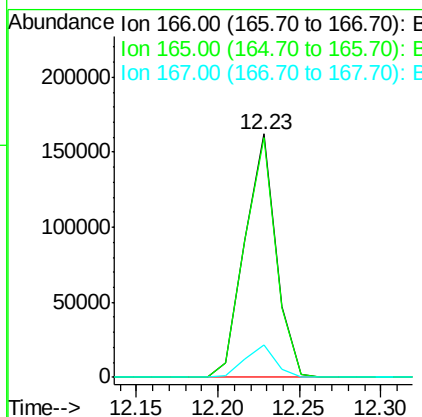
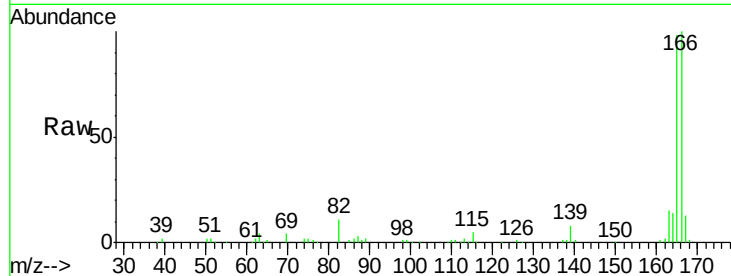
#57
 Fluorene
 Concen: 41.33 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	214239		
165	98.3	78.9	118.3	
167	13.2	10.7	16.1	

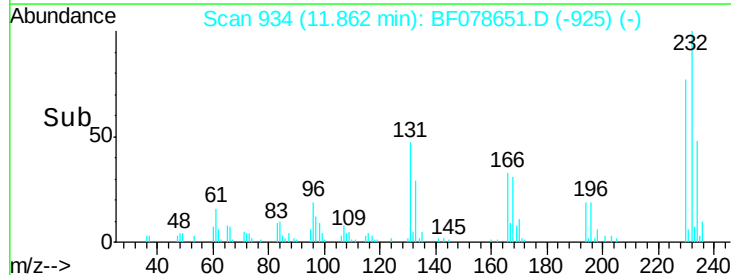
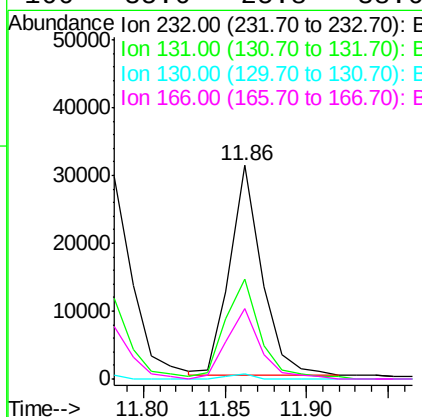
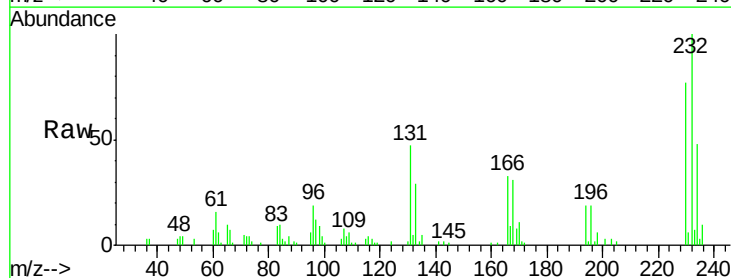
Manual Integrations
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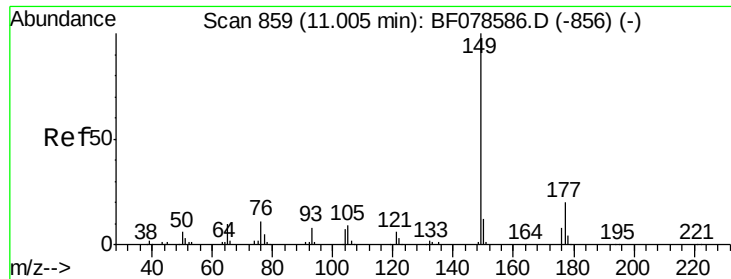
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.64 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	41844		
131	48.9	37.8	56.8	
130	2.0	1.5	2.3	
166	35.6	25.8	38.6	





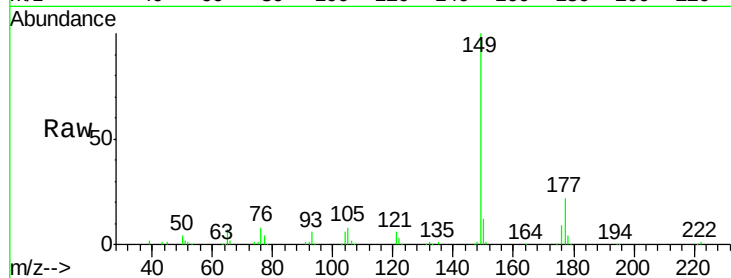
#59
Diethylphthalate
Concen: 42.38 ng
RT: 12.17 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

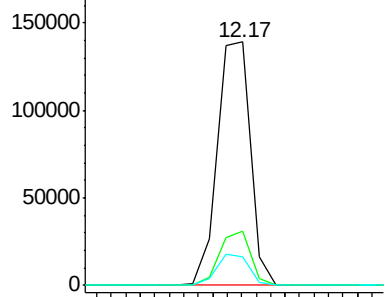
Tot Ion	Ratio	Resp	Lower	Upper
149	100	219685		
177	22.3		17.4	26.2
150	11.8		9.4	14.2

Manual Integrations
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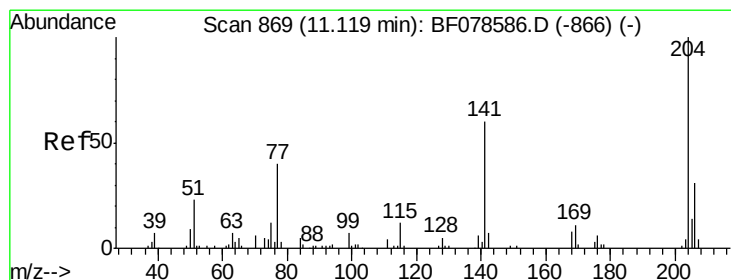
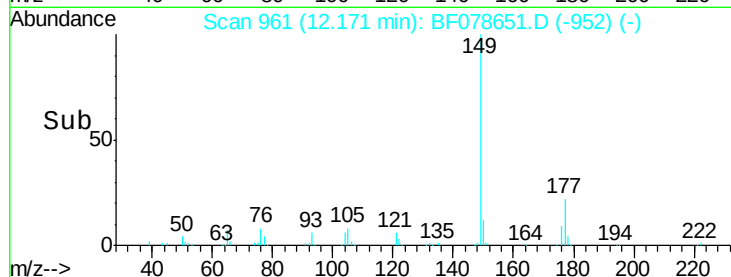
apatel
4/21/2015 5:03:36 PM



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

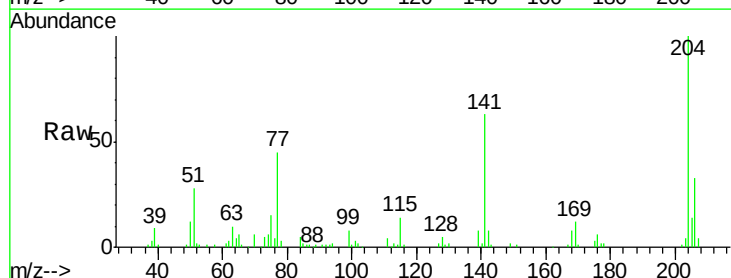


Time-->

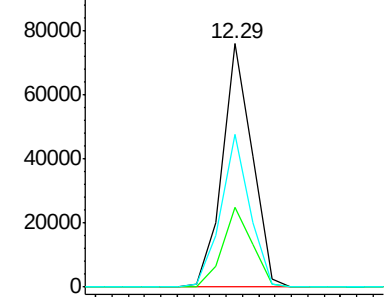


#60
4-Chlorophenyl-phenylether
Concen: 40.33 ng
RT: 12.29 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

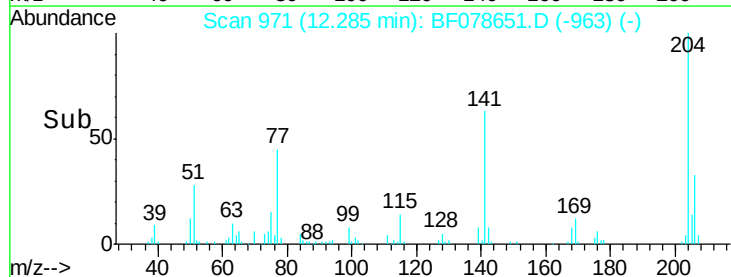
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	96164		
206	32.8		25.6	38.4
141	62.6		35.4	53.0#

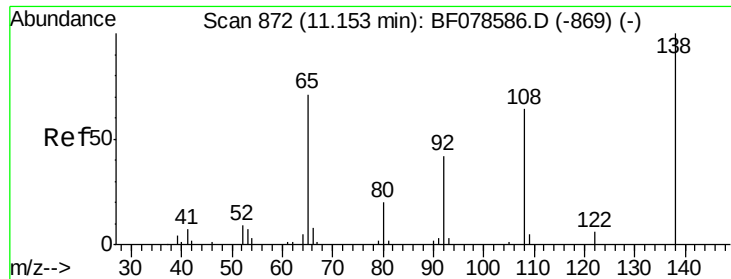


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





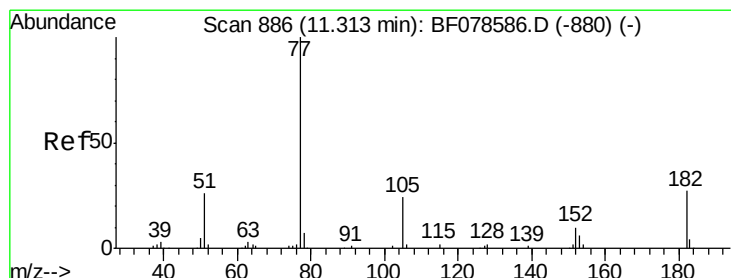
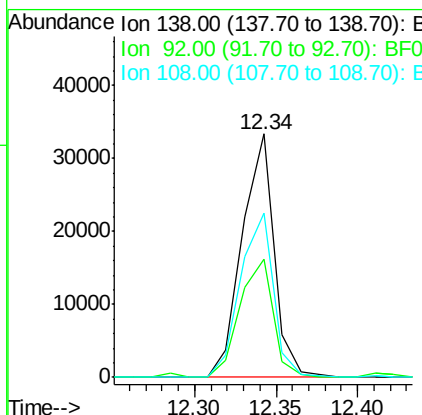
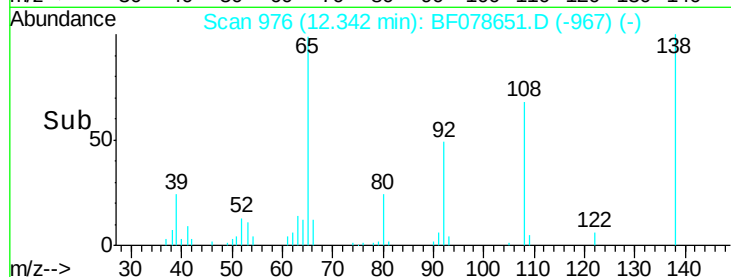
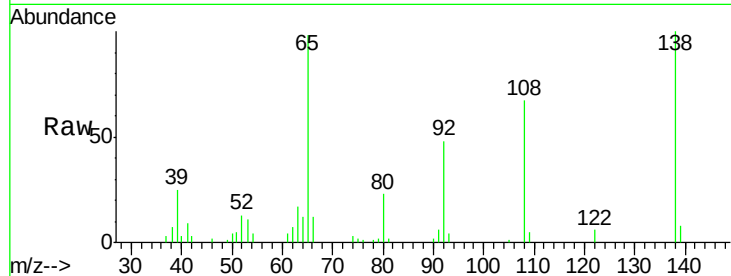
#61
 4-Nitroaniline
 Concen: 35.79 ng
 RT: 12.34 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Manual Integrations
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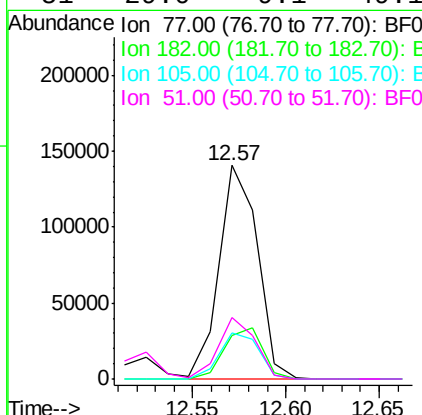
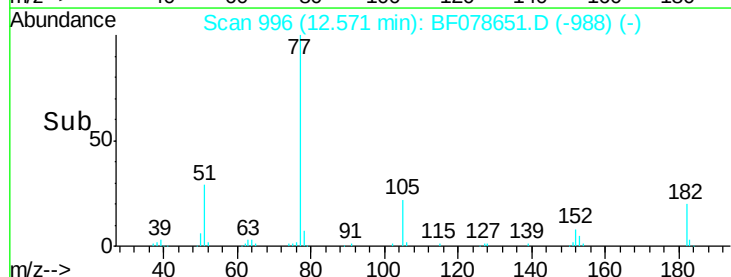
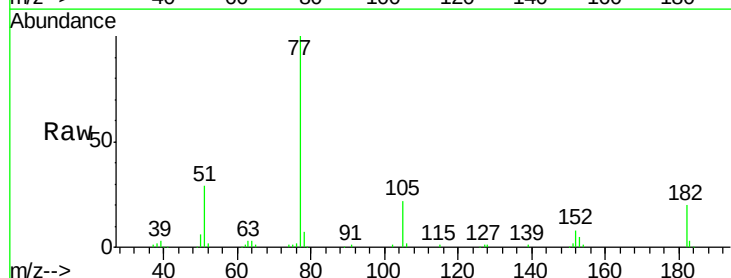
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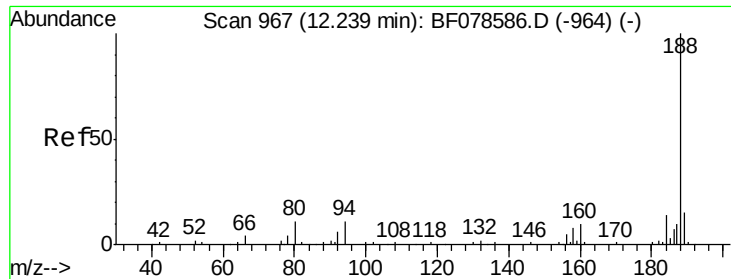
Tot Ion:	138	Resp:	45504
Ion	Ratio	Lower	Upper
138	100		
92	48.4	27.3	67.3
108	67.5	47.2	87.2



#62
 Azobenzene
 Concen: 42.69 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion:	77	Resp:	201968
Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.0	36.8
105	21.6	0.3	40.3
51	29.0	9.1	49.1





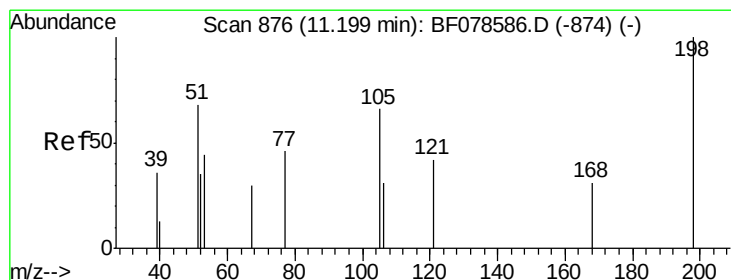
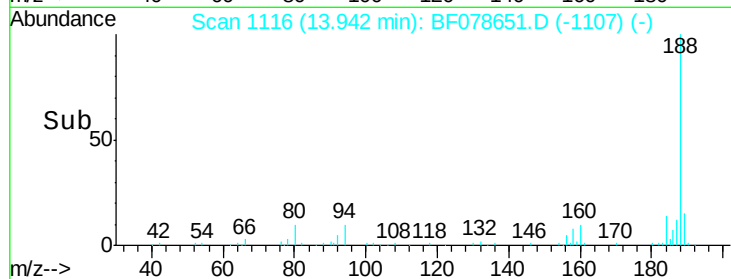
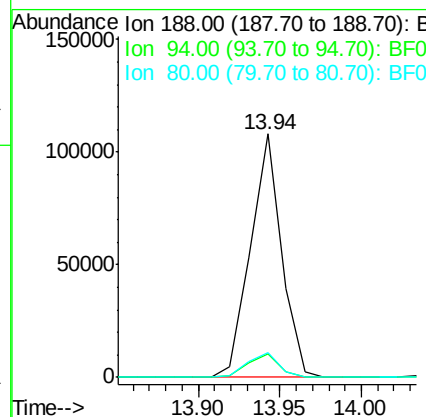
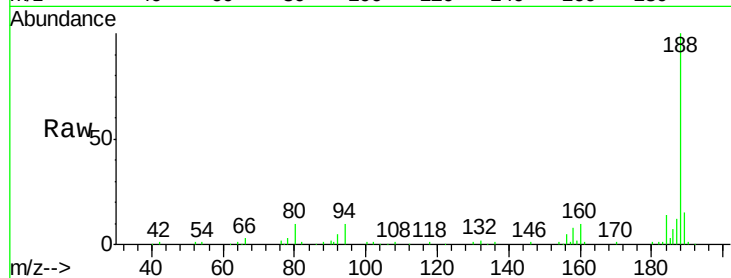
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion:	188	Resp:	142477
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.0	13.4
80	10.4	9.5	14.3

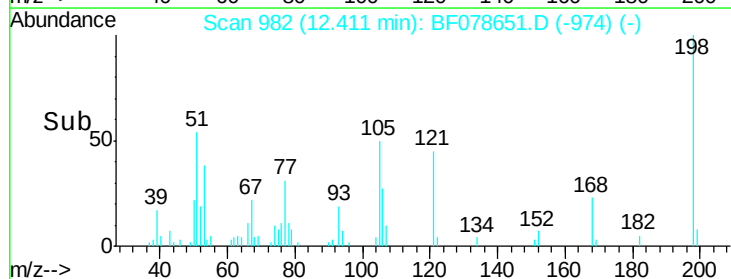
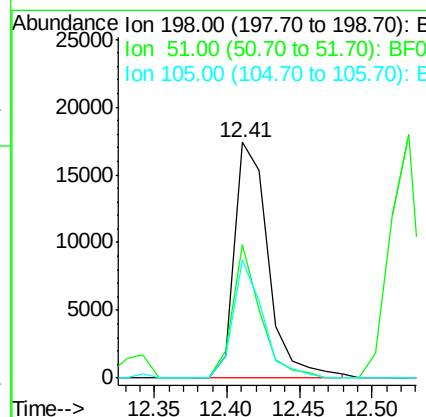
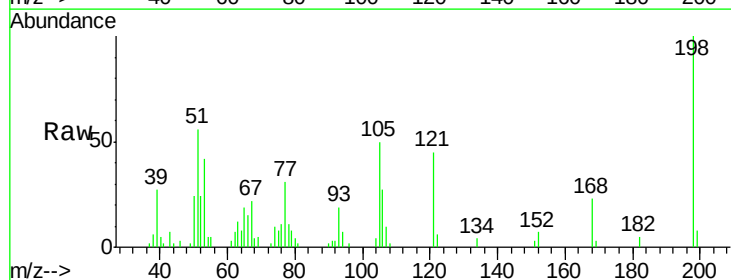
Manual Integrations
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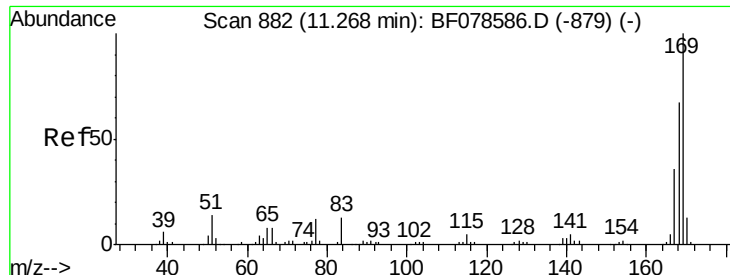
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.32 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion:	198	Resp:	28198
Ion Ratio	Lower	Upper	
198	100		
51	56.4	48.6	88.6
105	50.1	45.8	85.8





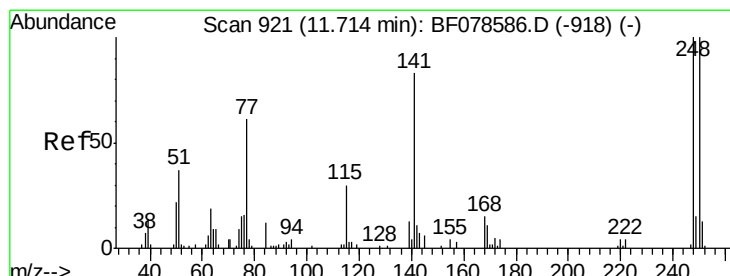
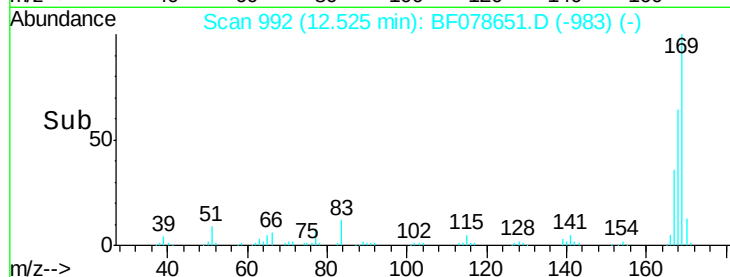
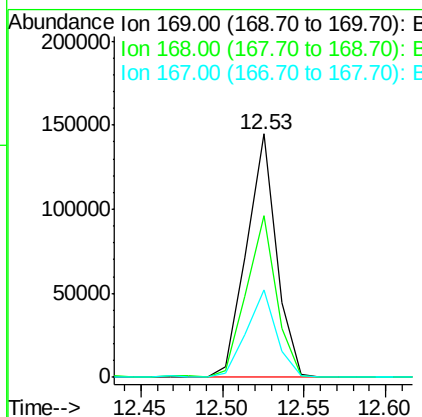
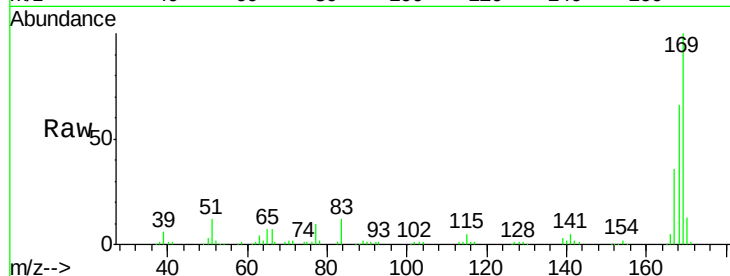
#65
 n-Nitrosodiphenylamine
 Concen: 37.42 ng
 RT: 12.53 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	184437		
168	66.4	55.0	82.4	
167	35.9	29.3	43.9	

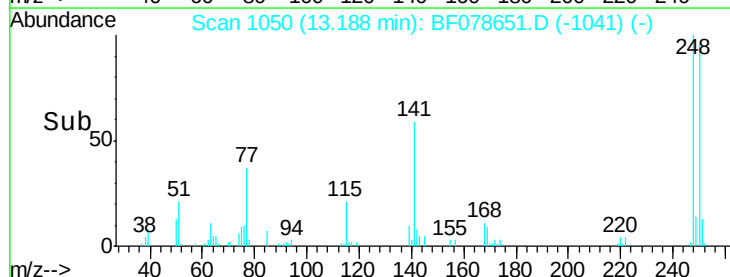
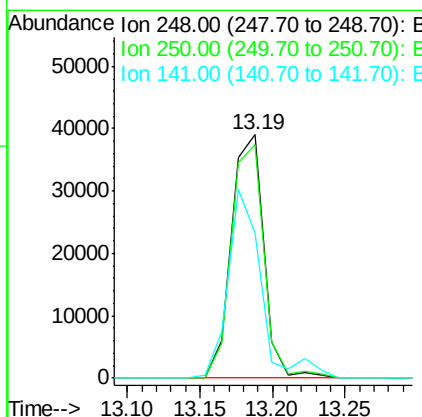
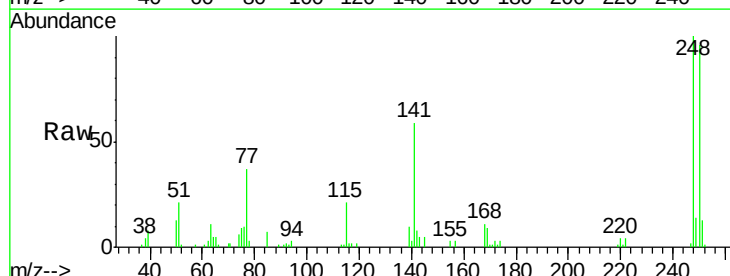
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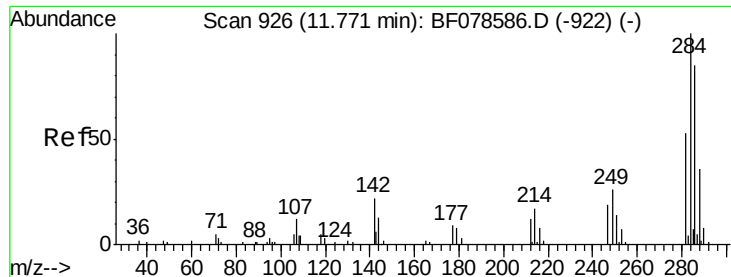
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#66
 4-Bromophenyl-phenylether
 Concen: 40.09 ng
 RT: 13.19 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	60490		
250	96.1	78.2	117.2	
141	59.4	66.4	99.6	





#67

Hexachlorobenzene

Concen: 37.59 ng

RT: 13.22 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

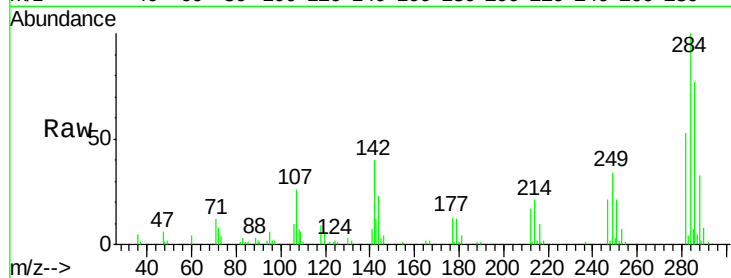
ClientSampleId :

PB82843BSD

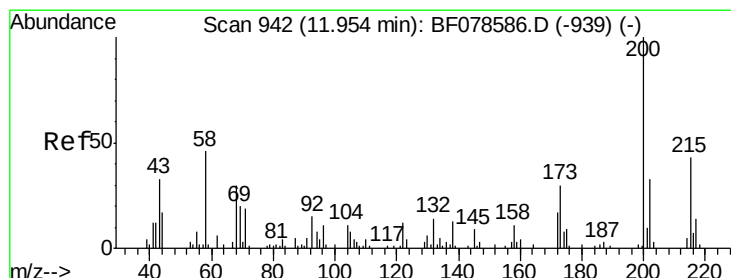
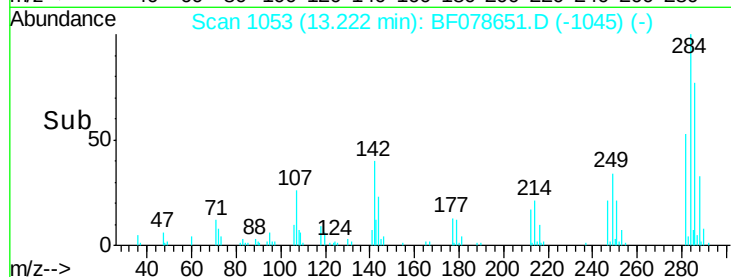
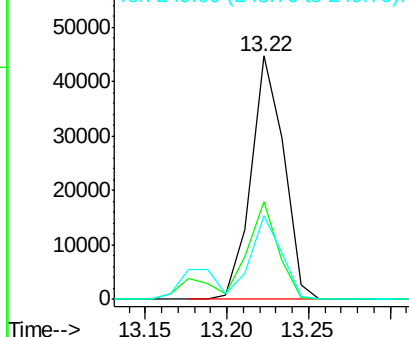
Tot Ion:	284	Resp:	62154
Ion Ratio		Lower	Upper
284	100		
142	40.2	24.5	36.7#
249	34.4	24.8	37.2

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.25 ng

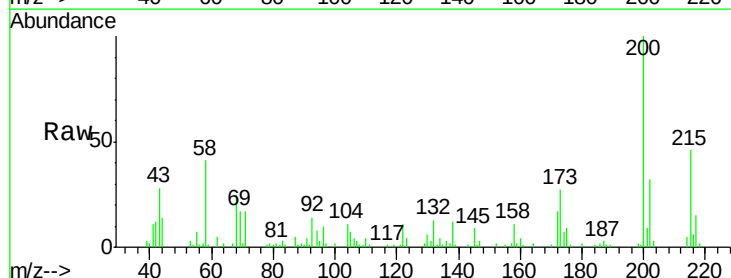
RT: 13.60 min Scan# 1086

Delta R.T. 0.00 min

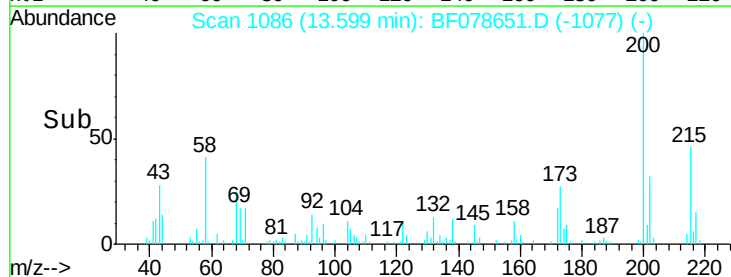
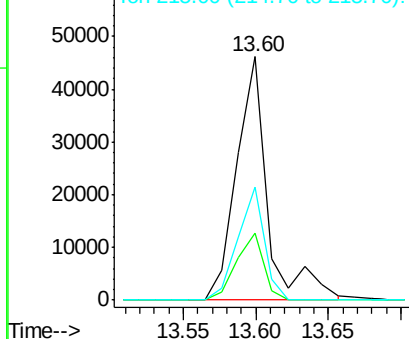
Lab File: BF078651.D

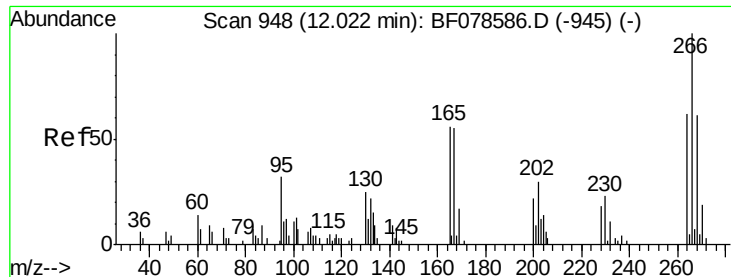
Acq: 20 Apr 2015 18:40

Tgt Ion:	200	Resp:	68874
Ion Ratio		Lower	Upper
200	100		
173	27.4	6.9	46.9
215	46.5	27.1	67.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





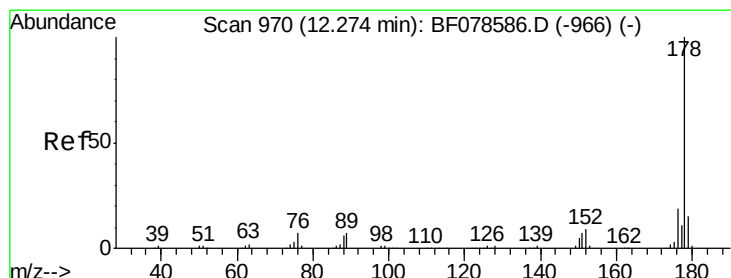
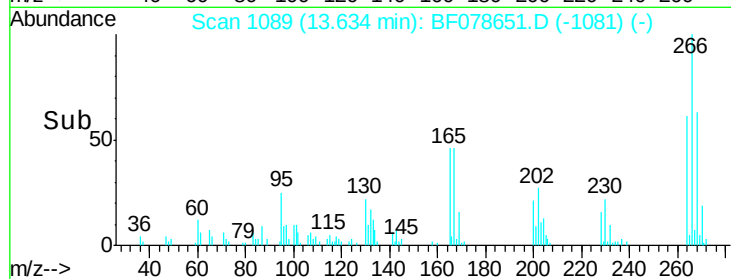
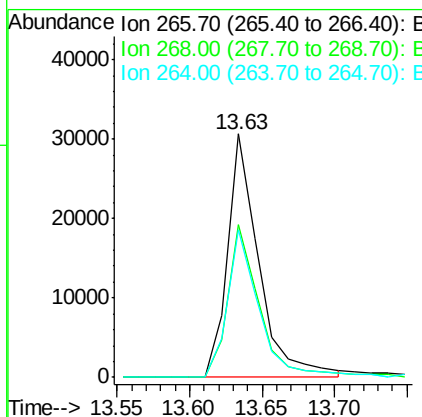
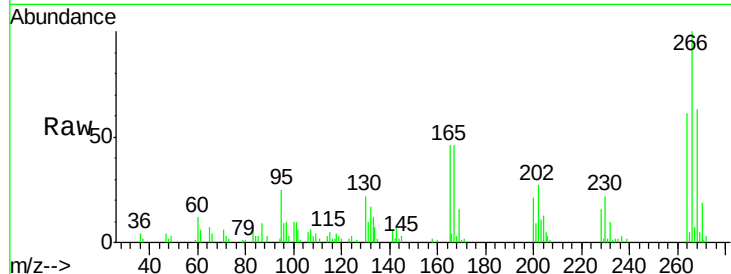
#69
 Pentachlorophenol
 Concen: 64.31 ng
 RT: 13.63 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.1	75.1
264	60.5	50.0	75.0

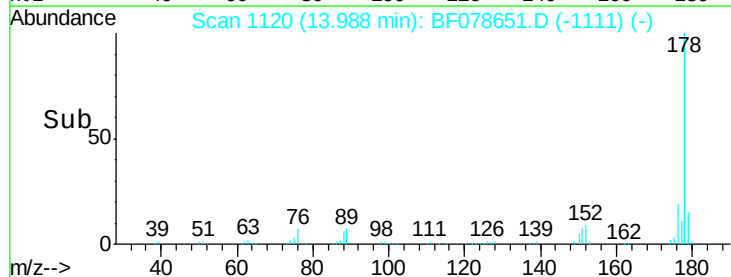
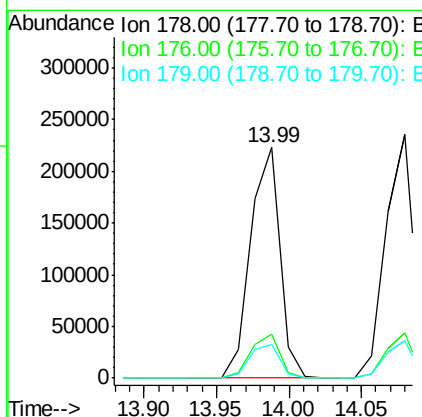
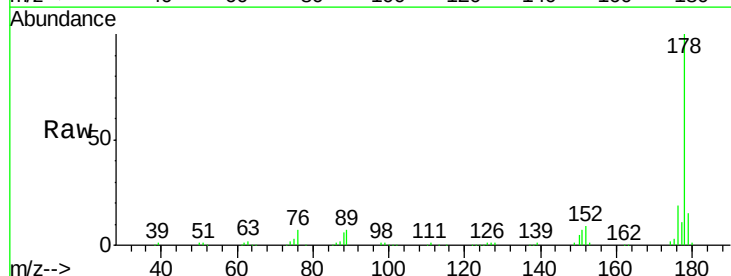
Manual Integrations
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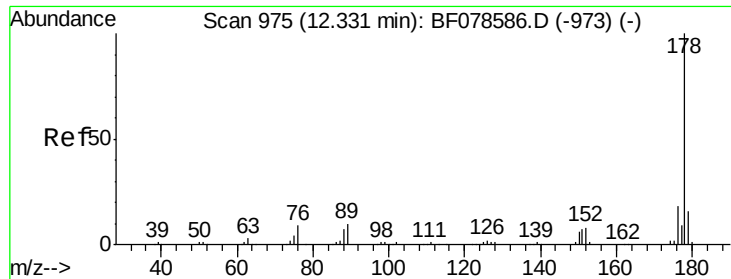
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#70
 Phenanthrene
 Concen: 38.03 ng
 RT: 13.99 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	14.8	12.2	18.2





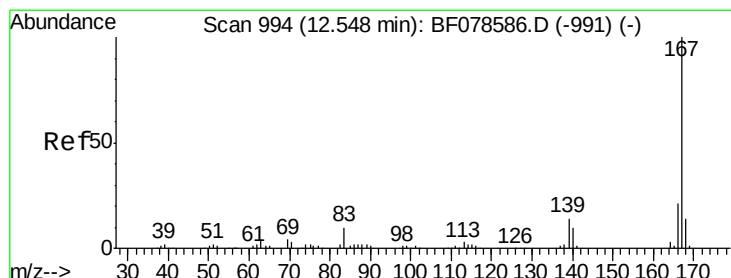
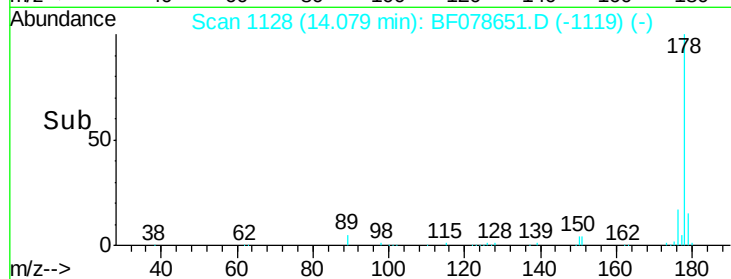
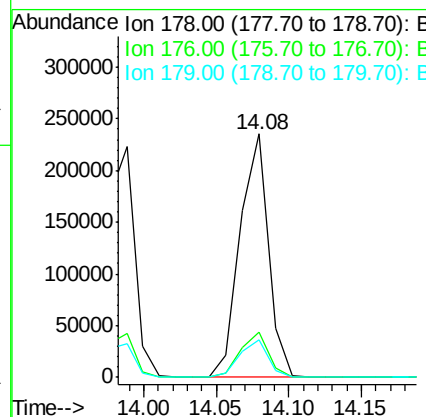
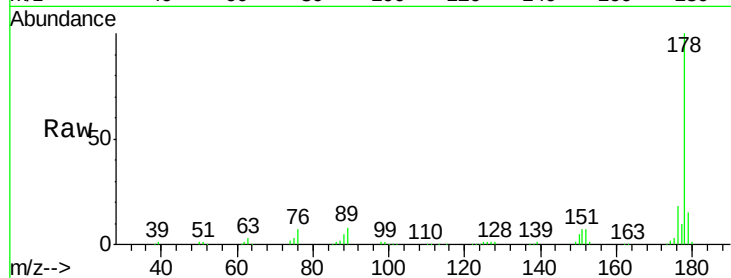
#71
 Anthracene
 Concen: 39.62 ng
 RT: 14.08 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.5	12.4	18.6

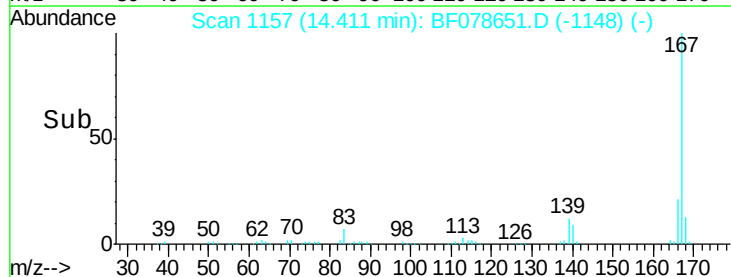
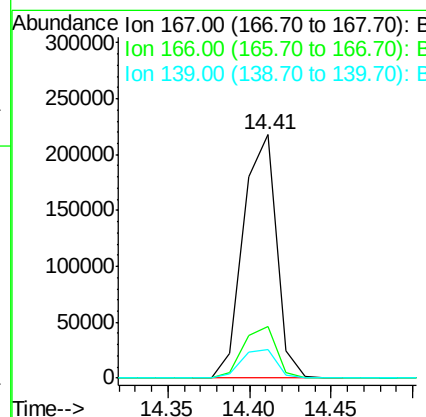
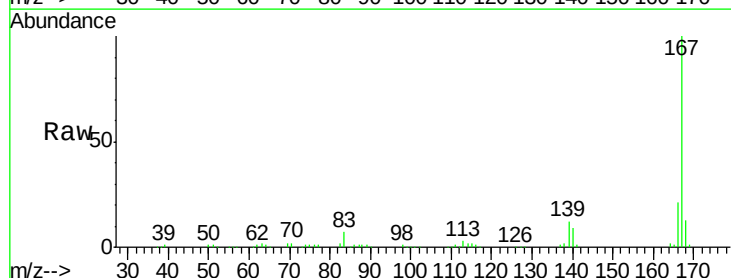
Manual Integrations
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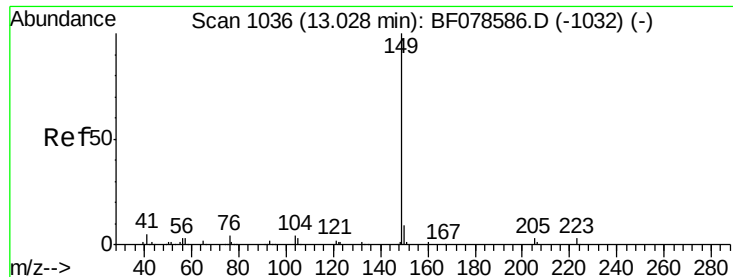
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#72
 Carbazole
 Concen: 40.34 ng
 RT: 14.41 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	11.9	10.0	15.0





#73

Di-n-butylphthalate

Concen: 42.20 ng

RT: 15.09 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

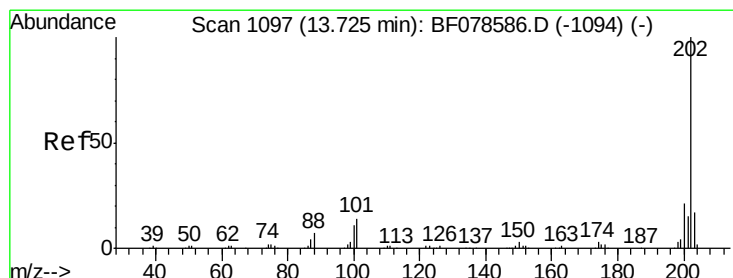
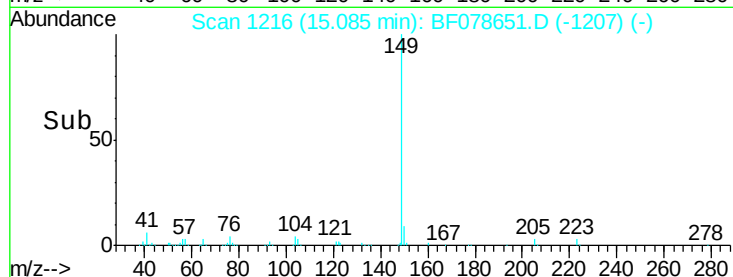
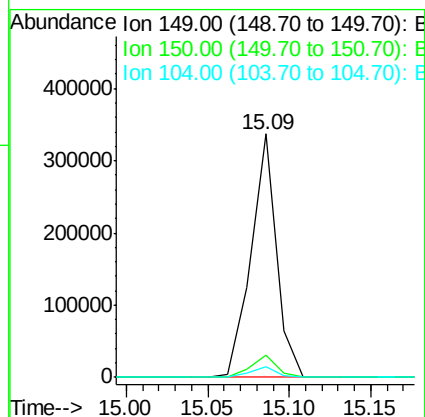
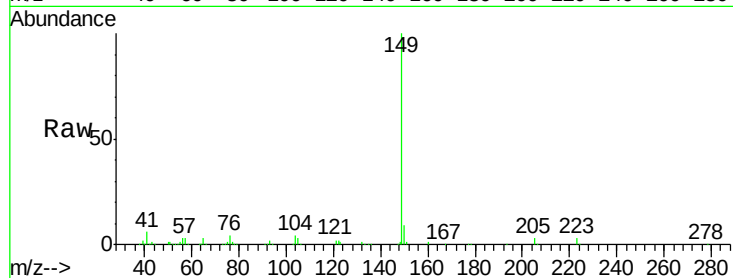
ClientSampleId :

PB82843BSD

Tot Ion:	149	Resp:	363873
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.1	10.7
104	4.4	3.8	5.6

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#74

Fluoranthene

Concen: 39.26 ng

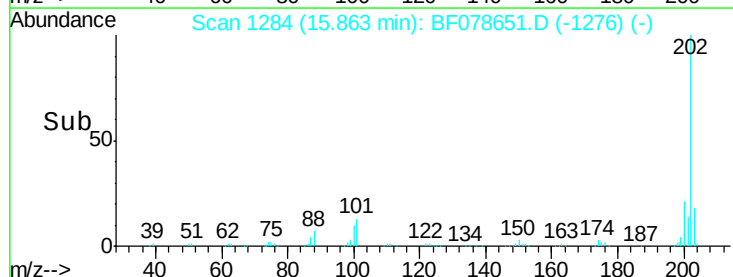
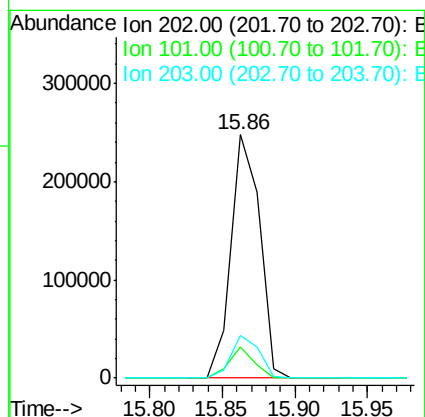
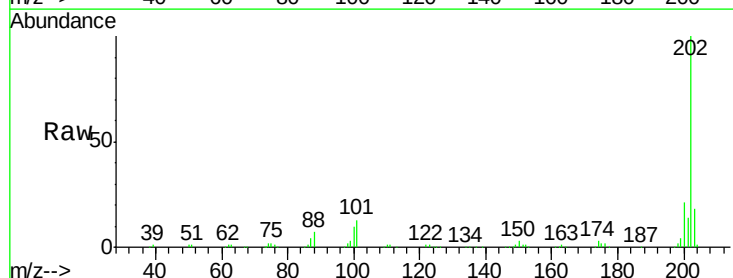
RT: 15.86 min Scan# 1284

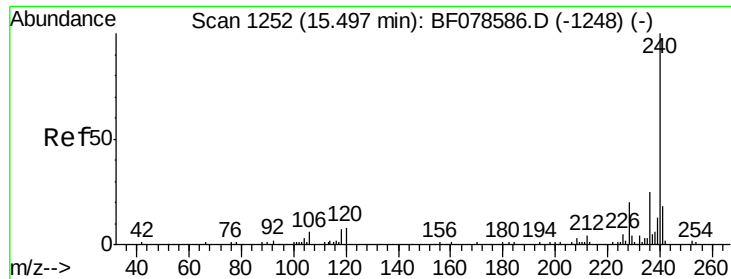
Delta R.T. -0.01 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	202	Resp:	341248
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	35.2
203	17.8	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.81 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

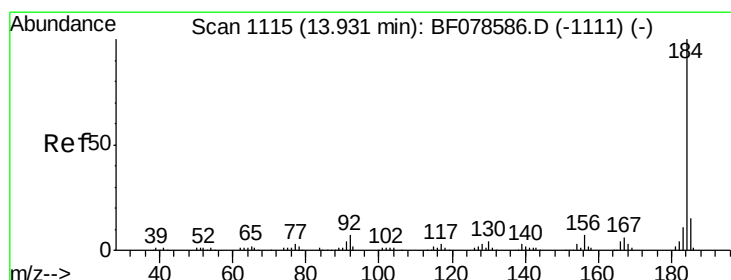
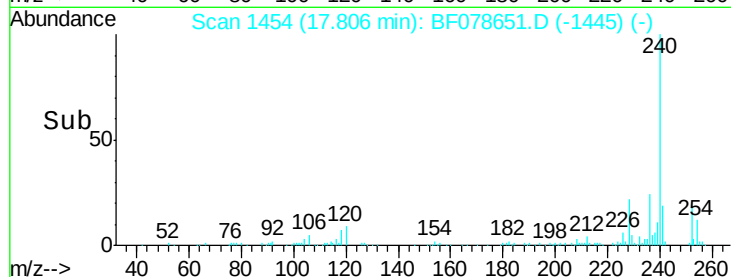
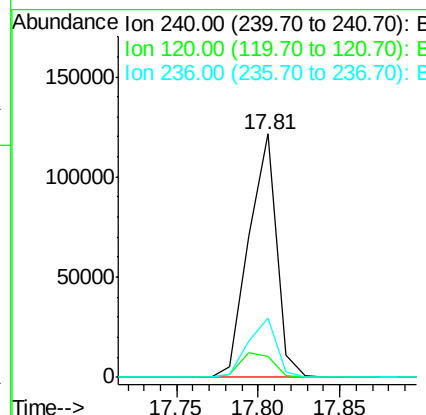
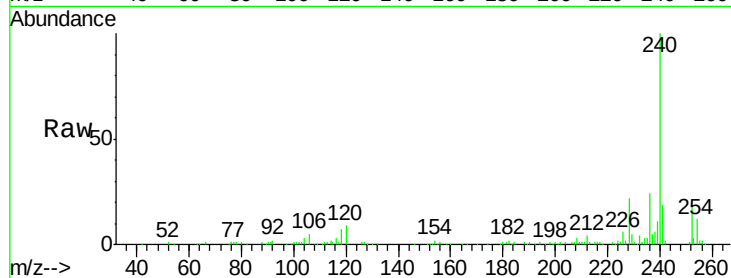
ClientSampleId :

PB82843BSD

Tot Ion:	240	Resp:	143977
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.1	10.7
236	24.3	21.4	32.2

Manual Integrations
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#76

Benzidine

Concen: 19.82 ng

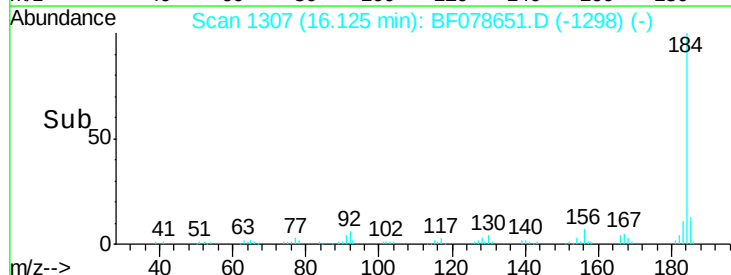
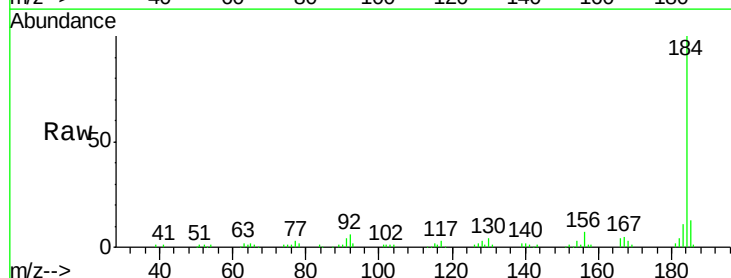
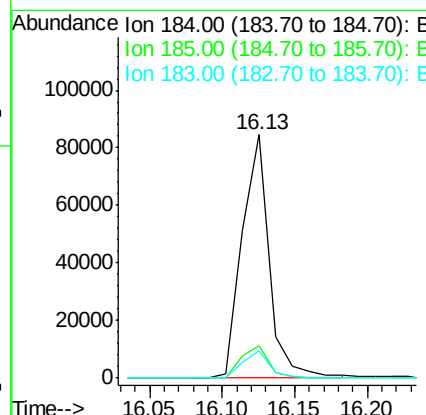
RT: 16.13 min Scan# 1307

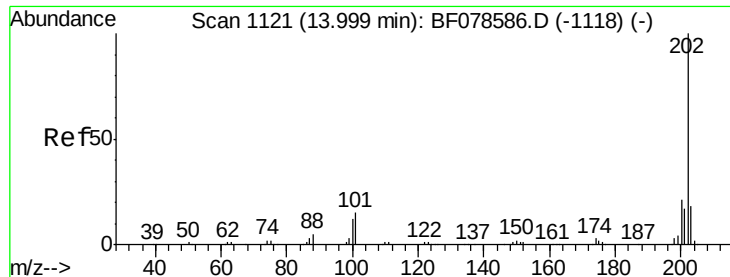
Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	184	Resp:	109893
Ion Ratio	Lower	Upper	
184	100		
185	13.4	12.2	18.2
183	11.1	9.5	14.3





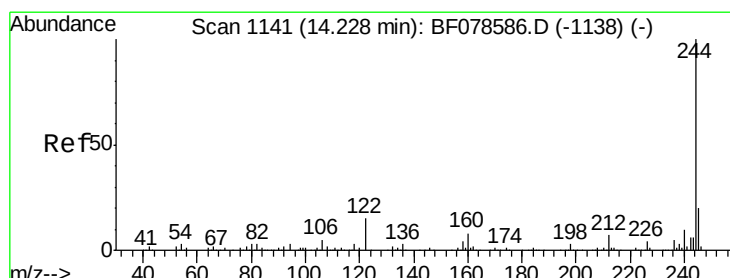
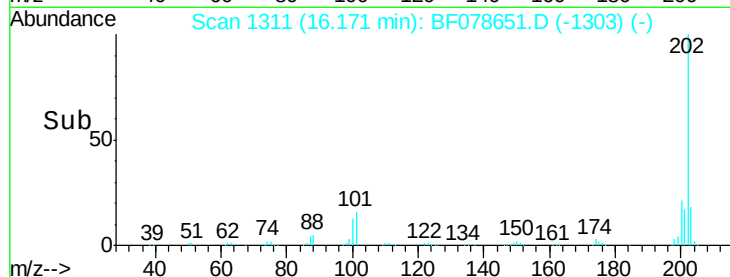
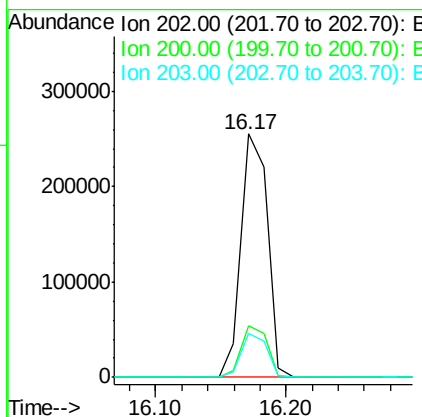
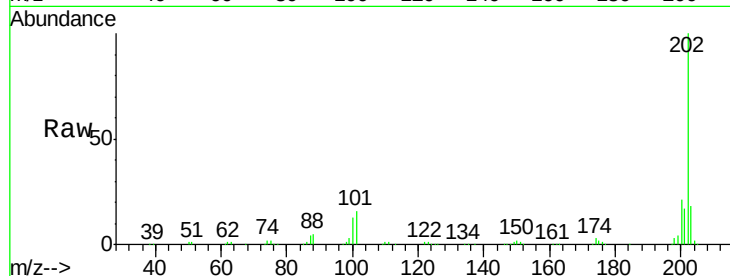
#77
Pvrene
Concen: 39.62 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB82843BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.3	24.5
203	18.0	13.8	20.6

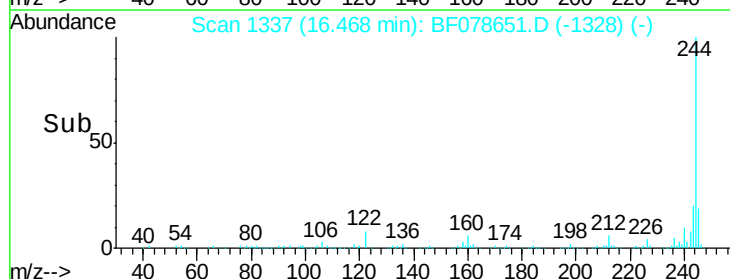
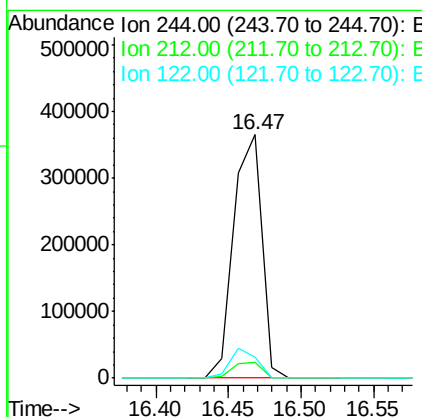
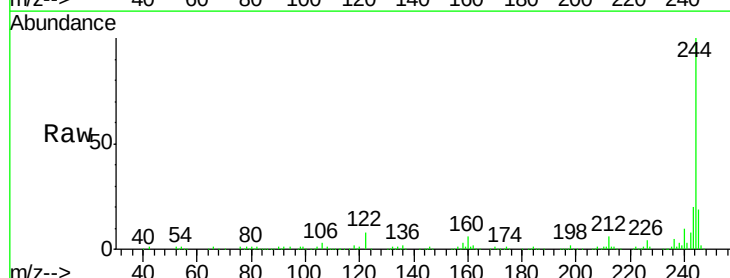
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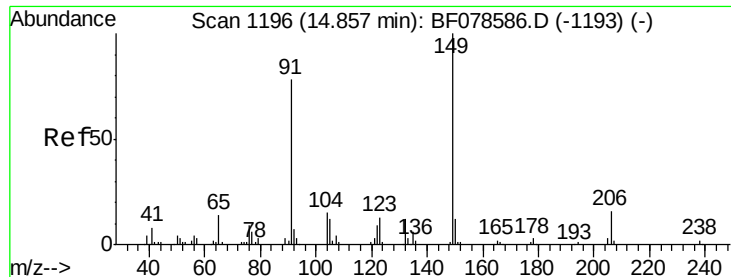
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#78
Terphenyl-d14
Concen: 77.50 ng
RT: 16.47 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF078651.D
Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.0	7.4
122	8.3	7.1	10.7





#79

Butylbenzylphthalate

Concen: 47.10 ng

RT: 17.17 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

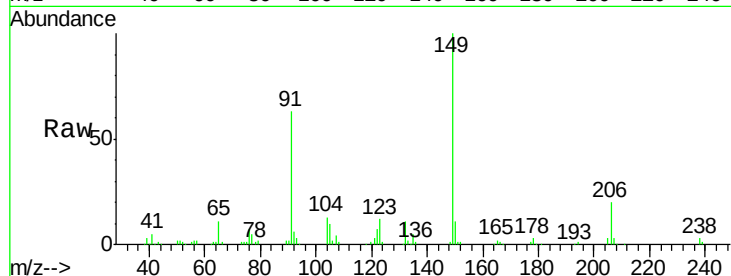
ClientSampleId :

PB82843BSD

Tot Ion:	149	Resp:	162243
Ion Ratio	Lower	Upper	
149	100		
91	62.6	64.2	96.2#
206	20.2	12.6	18.8#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

17.17

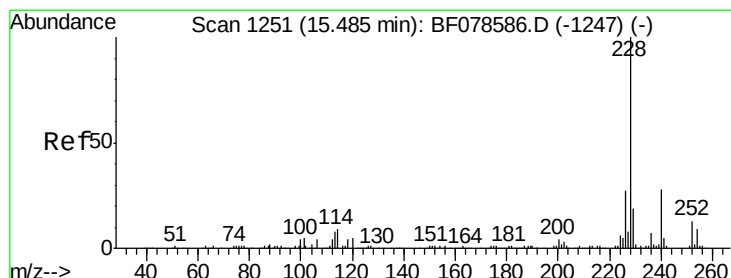
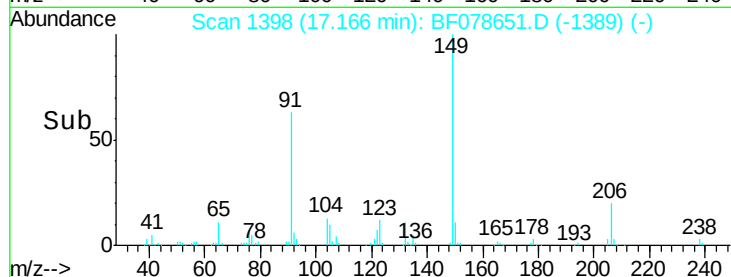
150000

100000

50000

0

Time-->



#80

Benzo(a)anthracene

Concen: 39.98 ng

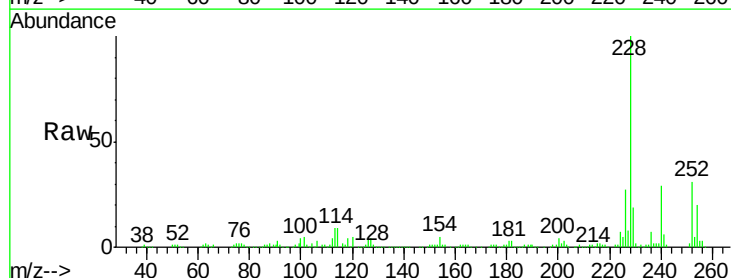
RT: 17.79 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	228	Resp:	342467
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.3	31.9
229	19.3	15.4	23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

17.79

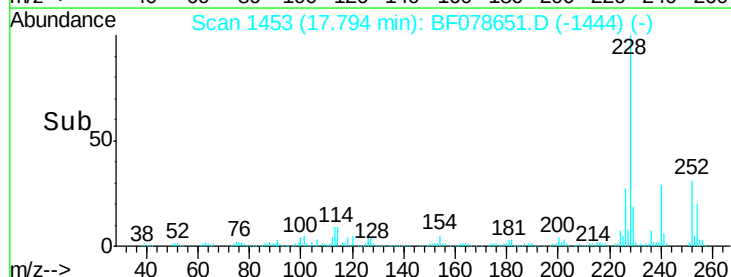
300000

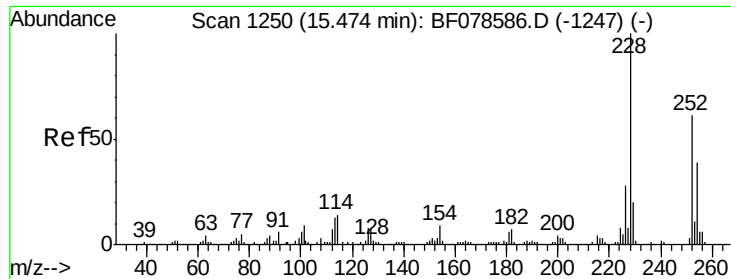
200000

100000

0

Time-->





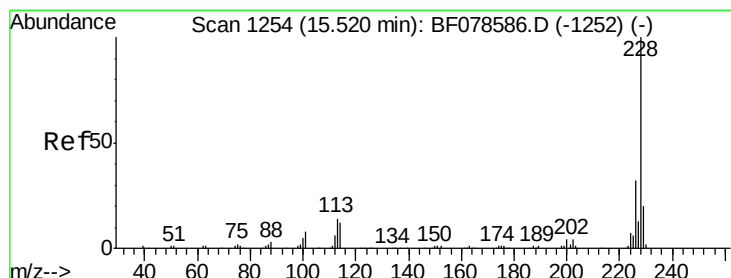
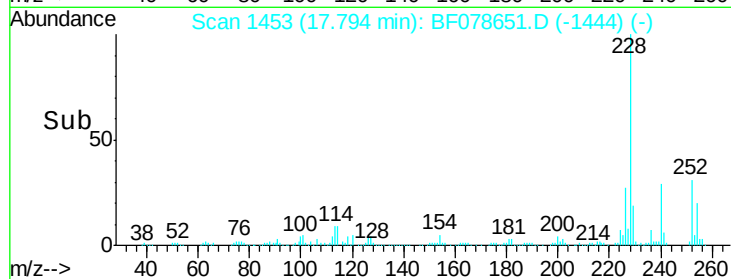
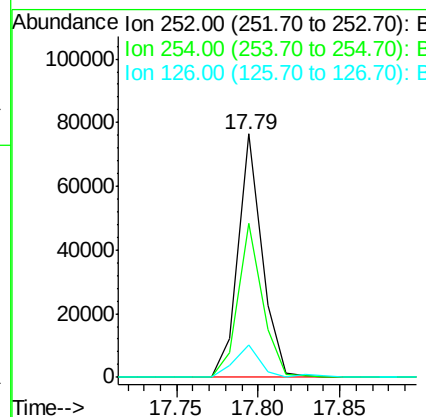
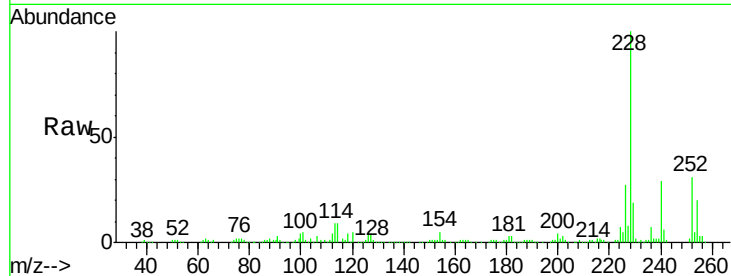
#81
 3,3'-Dichlorobenzidine
 Concen: 27.20 ng
 RT: 17.79 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.2	76.8
126	13.3	6.3	9.5

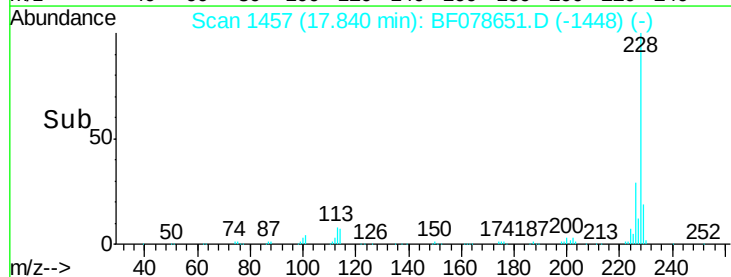
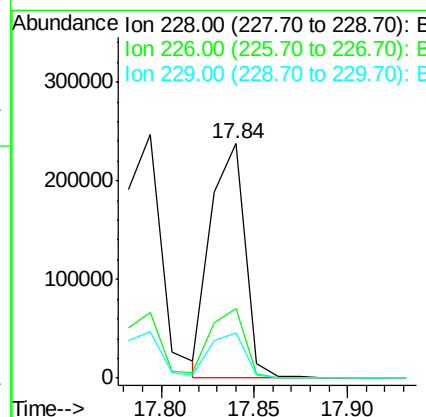
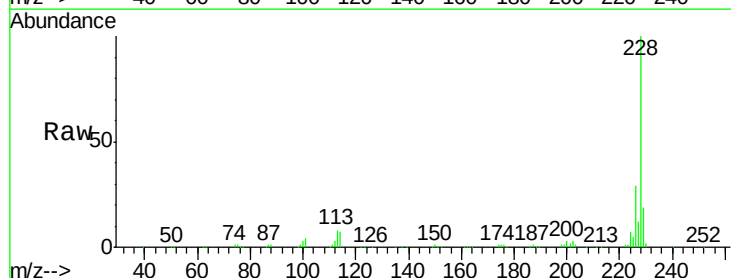
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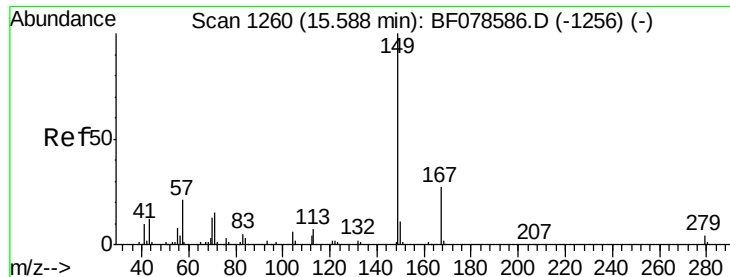
apatel
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#82
 Chrysene
 Concen: 37.77 ng
 RT: 17.84 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	19.2	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.91 ng

RT: 17.93 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

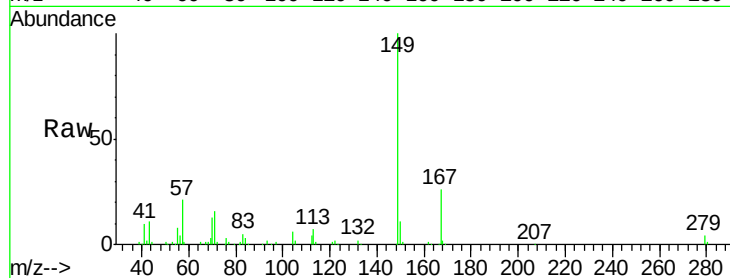
ClientSampleId :

PB82843BSD

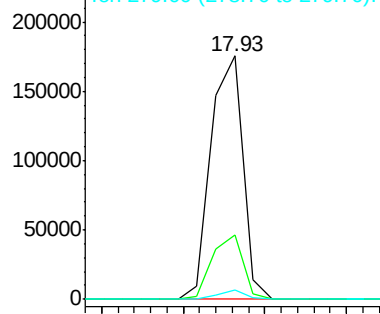
Tot Ion:	149	Resp:	237255
Ion Ratio	Lower	Upper	
149	100		
167	26.4	22.2	33.2
279	3.7	3.2	4.8

Manual Integrations
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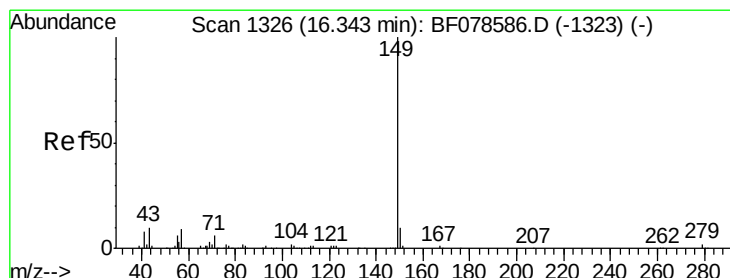
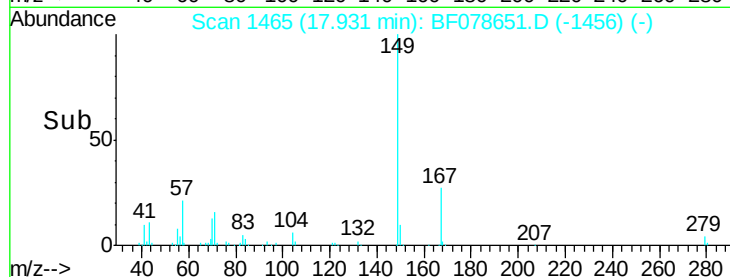
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Abundance Ion 149.00 (148.70 to 149.70): E



Time--> 17.85 17.90 17.95 18.00



#84

Di-n-octyl phthalate

Concen: 45.84 ng

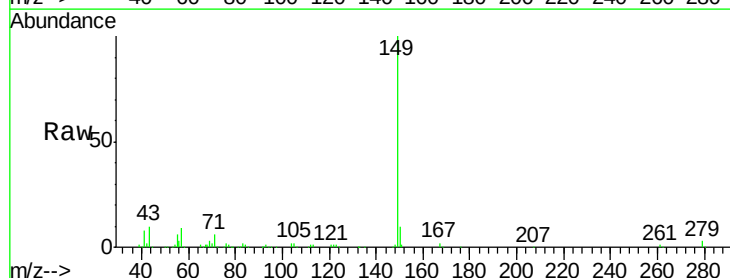
RT: 18.72 min Scan# 1534

Delta R.T. 0.00 min

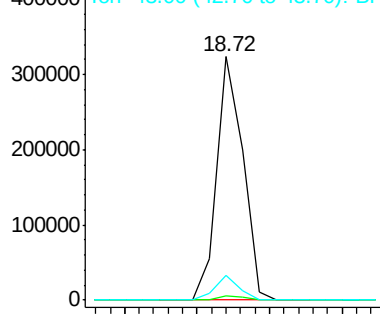
Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

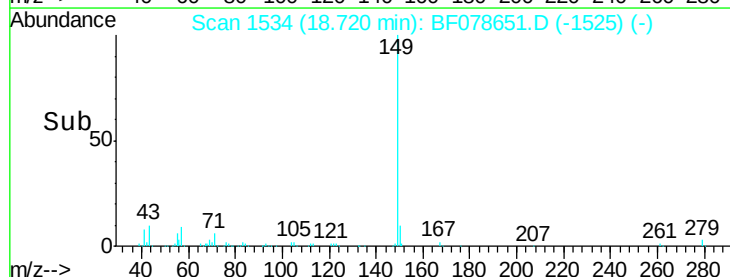
Tgt Ion:	149	Resp:	406660
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	9.4	0.0	0.0#

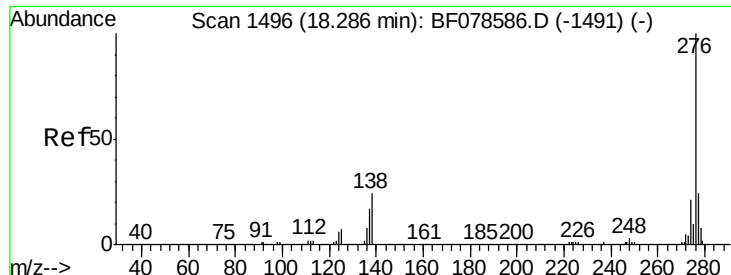


Abundance Ion 149.00 (148.70 to 149.70): E



Time--> 18.65 18.70 18.75 18.80





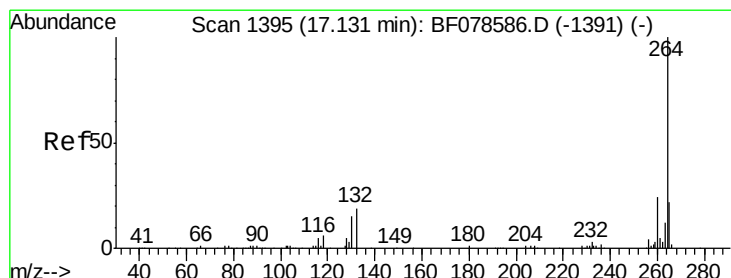
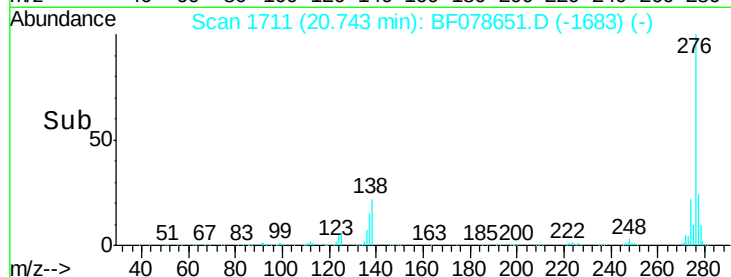
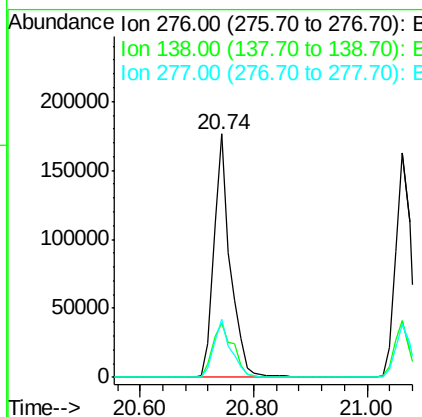
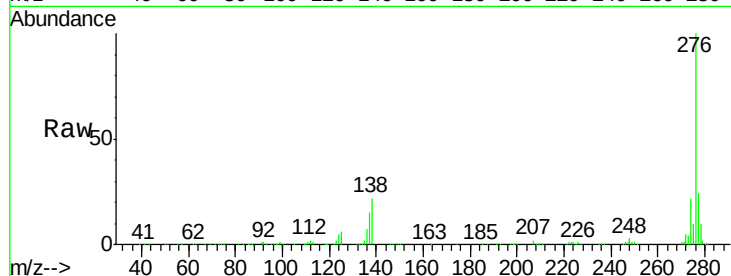
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.25 ng
 RT: 20.74 min Scan# 1711
 Delta R.T. 0.02 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	349321		
138	28.0	16.9	25.3	#
277	24.8	15.8	23.6	#

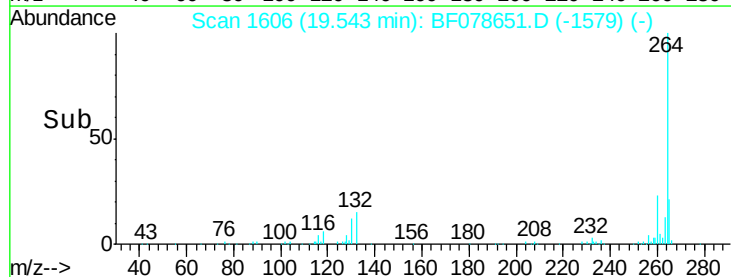
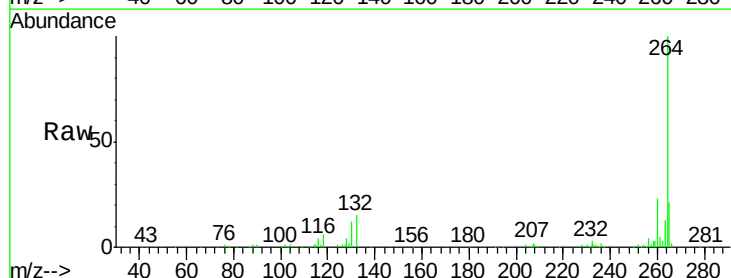
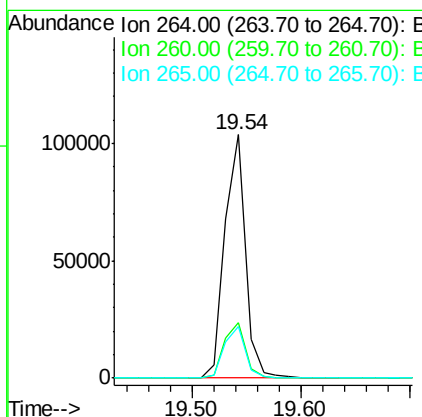
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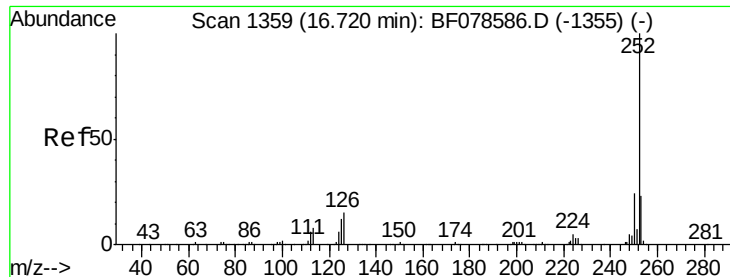
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.54 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	135786		
260	23.0	18.6	27.8	
265	21.1	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 41.50 ng

RT: 19.10 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

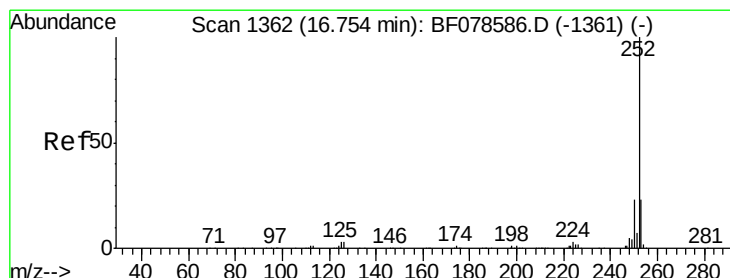
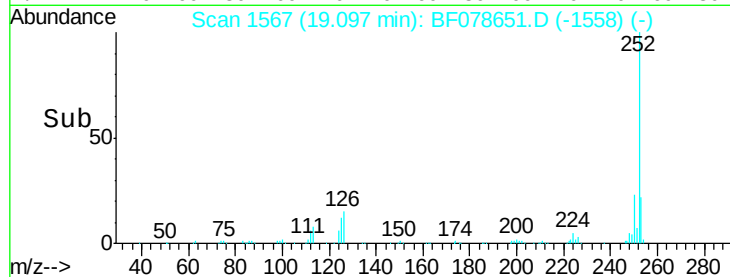
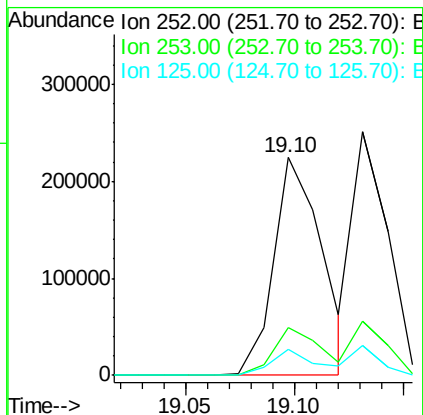
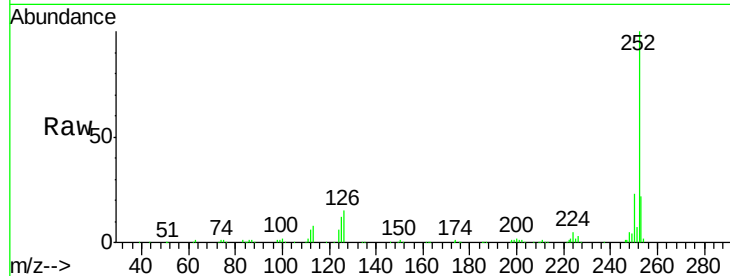
ClientSampleId :

PB82843BSD

Tot Ion:	252	Resp:	348287
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	11.9	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 38.00 ng

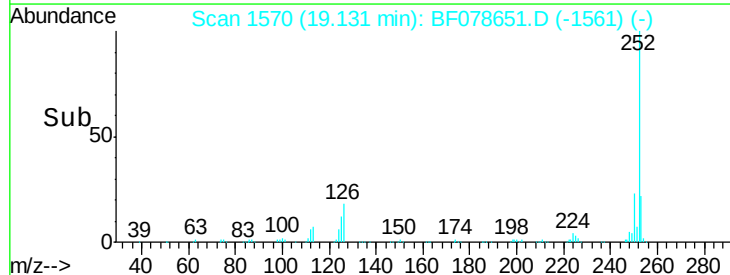
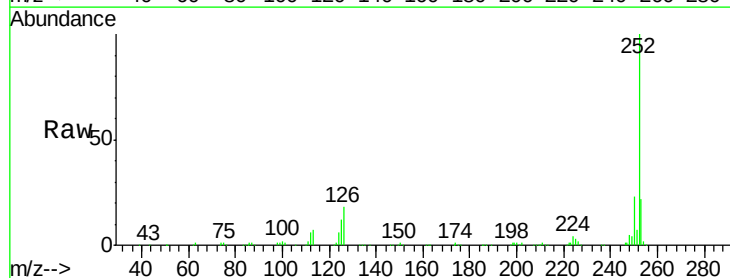
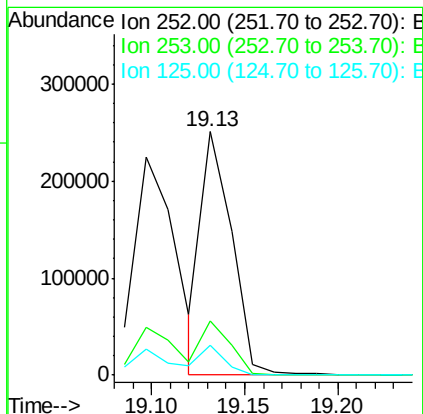
RT: 19.13 min Scan# 1570

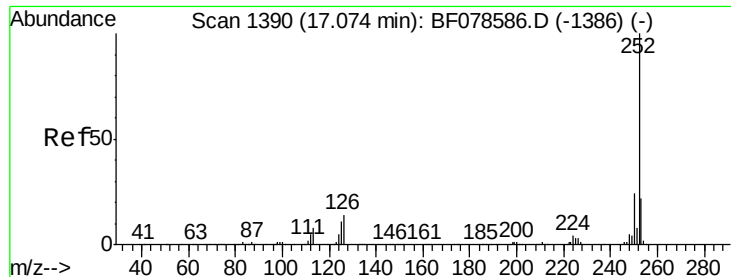
Delta R.T. 0.00 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	252	Resp:	283371
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	12.0	11.6	17.4





#89

Benzo(a)pyrene

Concen: 41.18 ng

RT: 19.47 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Instrument :

BNA_F

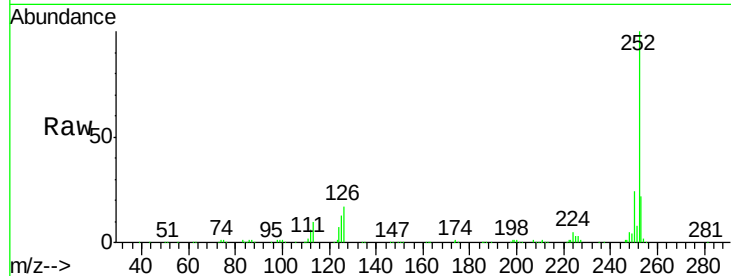
ClientSampleId :

PB82843BSD

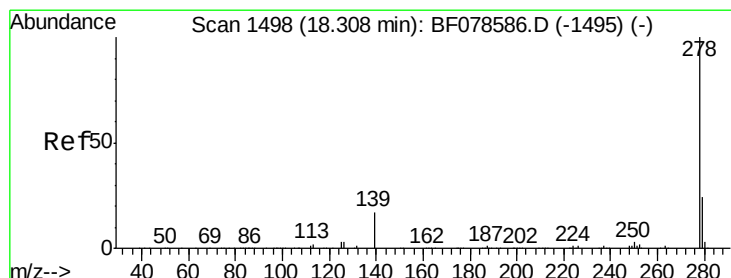
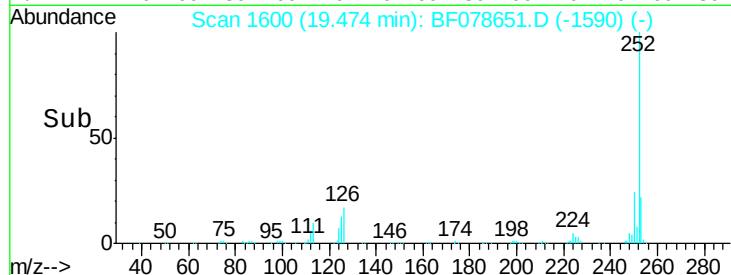
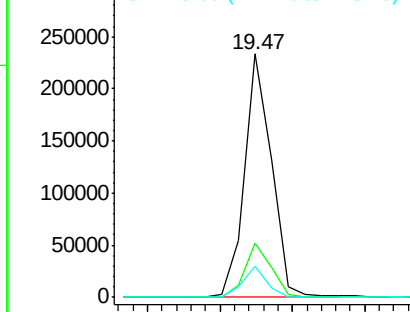
Tot Ion:	252	Resp:	301592
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.8	25.2
125	13.0	7.4	11.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.63 ng

RT: 20.77 min Scan# 1713

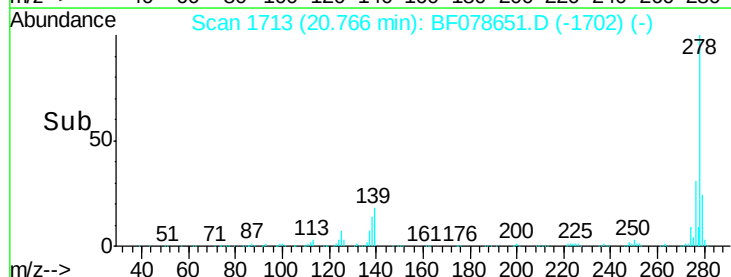
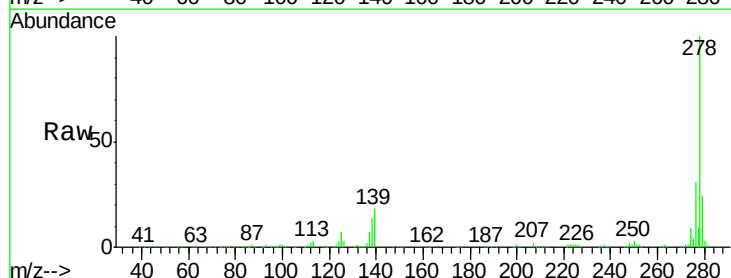
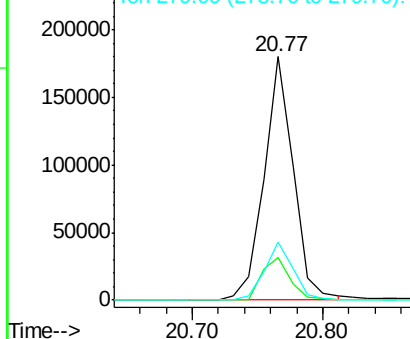
Delta R.T. 0.02 min

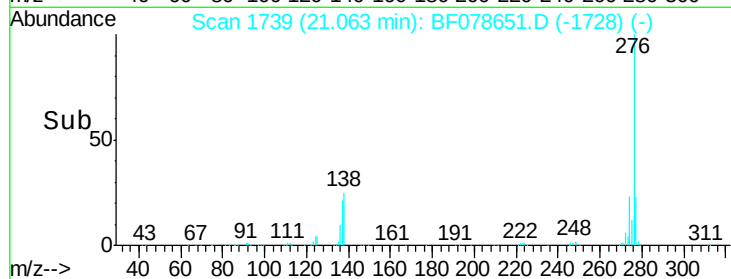
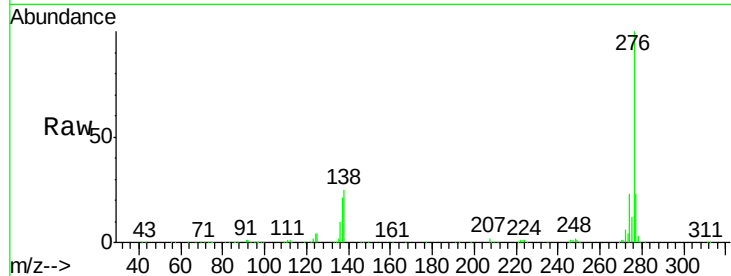
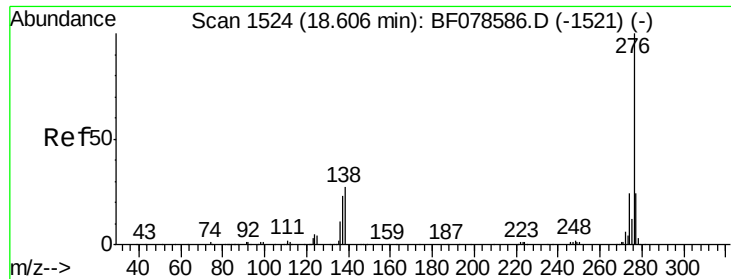
Lab File: BF078651.D

Acq: 20 Apr 2015 18:40

Tgt Ion:	278	Resp:	283289
Ion Ratio	Lower	Upper	
278	100		
139	17.5	13.6	20.4
279	23.6	19.0	28.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.11 ng
 RT: 21.06 min Scan# 1739
 Delta R.T. 0.02 min
 Lab File: BF078651.D
 Acq: 20 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB82843BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	19.0	28.4
138	25.2	19.9	29.9

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