

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084874.D
 Acq On : 5 Feb 2016 21:56
 Operator : SJ/IZ
 Sample : PB88197BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Manual Integrations
 APPROVED

UMANGI
 2/8/2016 3:03:02 PM

Quant Time: Feb 05 23:48:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171754	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	720740	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	317004	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	568660	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	340323	20.00	ng	-0.03
86) Perylene-d12	15.17	264	331701	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1028207	93.25	ng	-0.01
7) Phenol-d6	6.32	99	1203792	88.06	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1158996	90.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	269689	81.56	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1950266	120.18	ng	-0.02
78) Terphenyl-d14	12.76	244	1467265	97.70	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	162594	33.66	ng	# 75
3) Pyridine	2.86	79	532046	42.28	ng	# 66
4) n-Nitrosodimethylamine	2.83	42	273515	42.02	ng	80
6) Aniline	6.33	93	496198	29.66	ng	# 69
8) 2-Chlorophenol	6.45	128	551029	44.15	ng	95
9) Benzaldehyde	6.20	77	179376	22.22	ng	98
10) Phenol	6.34	94	611040	39.90	ng	81
11) bis(2-Chloroethyl)ether	6.41	93	515535	43.17	ng	85
12) 1,3-Dichlorobenzene	6.60	146	558754	42.37	ng	97
13) 1,4-Dichlorobenzene	6.68	146	573456m	43.50	ng	
14) 1,2-Dichlorobenzene	6.83	146	477243	38.87	ng	96
15) Benzyl Alcohol	6.82	79	408558	43.28	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	792138	39.43	ng	91
17) 2-Methylphenol	6.94	107	446735	45.26	ng	# 93
18) Hexachloroethane	7.17	117	212919	41.94	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	352296	41.11	ng	# 74
20) 3+4-Methylphenols	7.10	107	565291	46.14	ng	89
22) Acetophenone	7.08	105	745280	39.23	ng	# 98
24) Nitrobenzene	7.25	77	507655	37.05	ng	96
25) Isophorone	7.50	82	1025624	41.23	ng	95
26) 2-Nitrophenol	7.57	139	305207	45.17	ng	# 90
27) 2,4-Dimethylphenol	7.63	122	487272	41.46	ng	89
28) bis(2-Chloroethoxy)methane	7.71	93	617094	41.81	ng	99
29) 2,4-Dichlorophenol	7.82	162	433149	43.07	ng	93
30) 1,2,4-Trichlorobenzene	7.89	180	444411	39.13	ng	97
31) Naphthalene	7.97	128	1489261	41.19	ng	99
32) Benzoic acid	7.78	122	323597	43.04	ng	99
33) 4-Chloroaniline	8.03	127	243926	16.31	ng	94
34) Hexachlorobutadiene	8.10	225	265157	40.48	ng	99
35) Caprolactam	8.42	113	149760m	48.31	ng	
36) 4-Chloro-3-methylphenol	8.53	107	514631	44.86	ng	100
37) 2-Methylnaphthalene	8.66	142	959809	42.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	412682	40.99	ng	98
40) Hexachlorocyclopentadiene	8.82	237	404260	87.57	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	278249	42.90	nq	97
43) 2,4,5-Trichlorophenol	8.99	196	282273	42.83	nq	# 83
45) 1,1'-Biphenyl	9.13	154	1101026	38.89	nq	99
46) 2-Chloronaphthalene	9.15	162	887115	42.54	nq	94
47) 2-Nitroaniline	9.25	65	276308	41.85	nq	95
48) Acenaphthylene	9.56	152	1247697	39.43	nq	98
49) Dimethylphthalate	9.45	163	1074123	44.49	nq	# 91
50) 2,6-Dinitrotoluene	9.50	165	248021	47.02	nq	97
51) Acenaphthene	9.73	154	814981	39.59	nq	97
52) 3-Nitroaniline	9.66	138	153839	25.96	nq	92
53) 2,4-Dinitrophenol	9.78	184	206951	84.65	nq	# 89
54) Dibenzofuran	9.90	168	1072123	42.61	nq	90
55) 4-Nitrophenol	9.85	139	312469	71.73	nq	# 77
56) 2,4-Dinitrotoluene	9.90	165	297611	44.24	nq	# 81
57) Fluorene	10.25	166	890722	42.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	243024	48.44	nq	93
59) Diethylphthalate	10.13	149	991905	42.07	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	452213	52.43	nq	90
61) 4-Nitroaniline	10.28	138	227573	39.40	nq	94
62) Azobenzene	10.41	77	1108201	48.88	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	161981	46.15	nq	71
65) n-Nitrosodiphenylamine	10.36	169	799233	44.26	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	271883	43.29	nq	# 75
67) Hexachlorobenzene	10.80	284	323031	47.20	nq	# 90
68) Atrazine	10.90	200	244303	42.84	nq	98
69) Pentachlorophenol	10.99	266	266303	82.80	nq	97
70) Phenanthrene	11.21	178	1484184	47.06	nq	97
71) Anthracene	11.25	178	1295055	40.75	nq	98
72) Carbazole	11.41	167	1112486	40.14	nq	99
73) Di-n-butylphthalate	11.76	149	1578754	44.75	nq	# 97
74) Fluoranthene	12.39	202	1367458	42.84	nq	97
76) Benzidine	12.51	184	507318	42.76	nq	99
77) Pyrene	12.61	202	1438088	55.19	nq	98
79) Butylbenzylphthalate	13.24	149	596893	50.50	nq	93
80) Benzo(a)anthracene	13.79	228	1032346	48.87	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	196718	26.30	nq	# 96
82) Chrysene	13.84	228	1028742	50.23	nq	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	737655	50.15	nq	100
84) Di-n-octyl phthalate	14.42	149	1226667	50.55	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.45	276	930267	57.70	nq	99
87) Benzo(b)fluoranthene	14.80	252	1148000m	51.51	nq	
88) Benzo(k)fluoranthene	14.83	252	603460m	32.75	nq	
89) Benzo(a)pyrene	15.12	252	816684	43.01	nq	# 94
90) Dibenzo(a,h)anthracene	16.47	278	764449	47.82	nq	# 96
91) Benzo(g,h,i)perylene	16.83	276	785640	48.79	nq	99

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

```

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Misc      :
ALS Vial  : 22      Sample Multiplier: 1

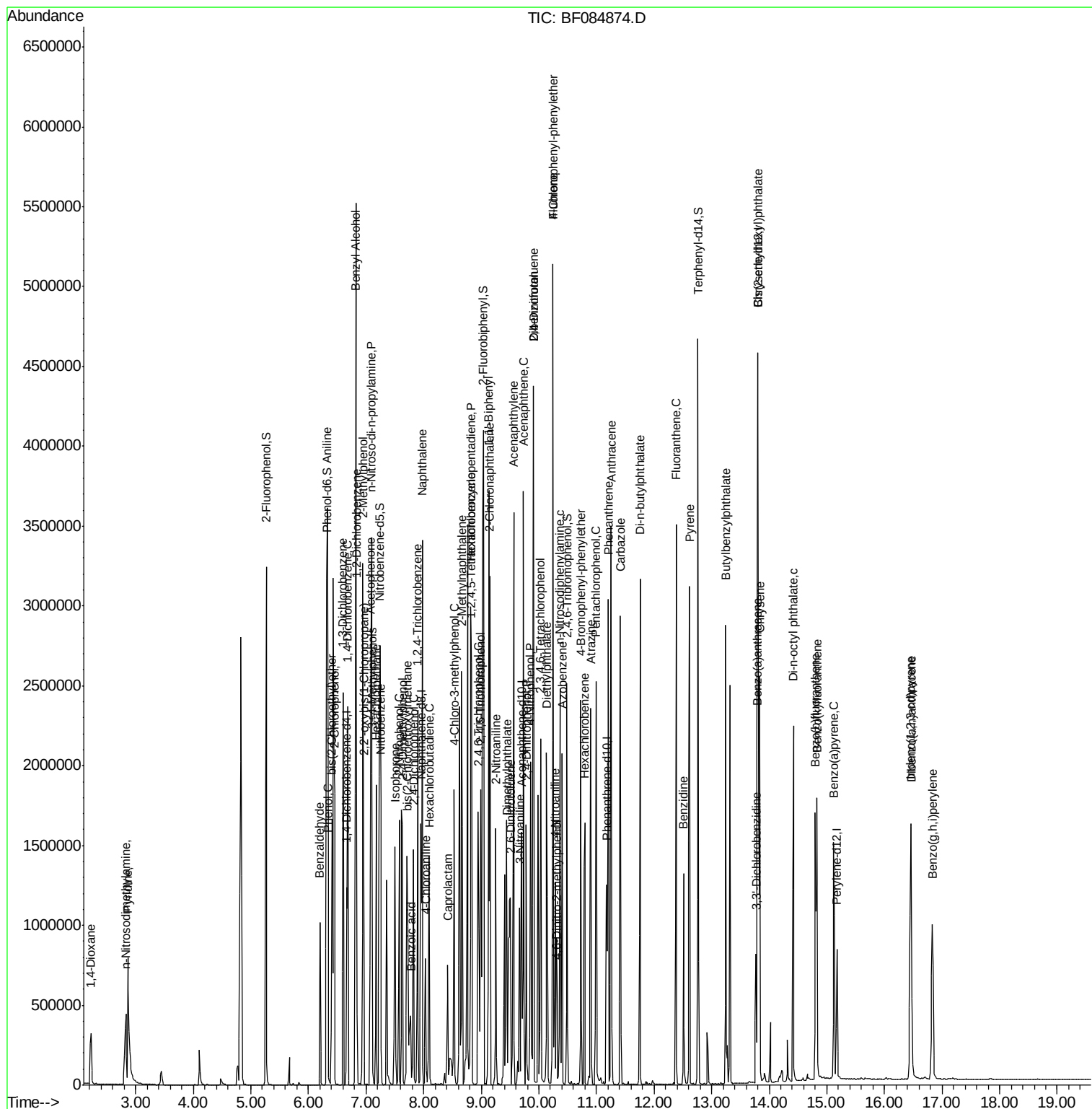
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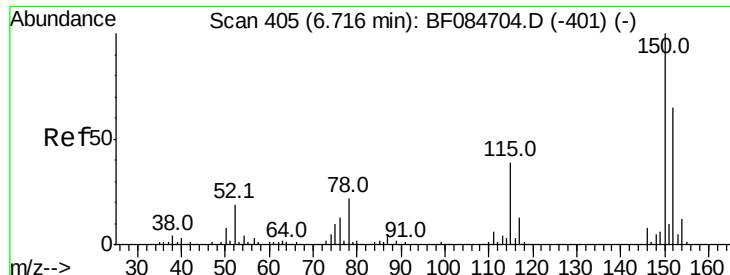
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

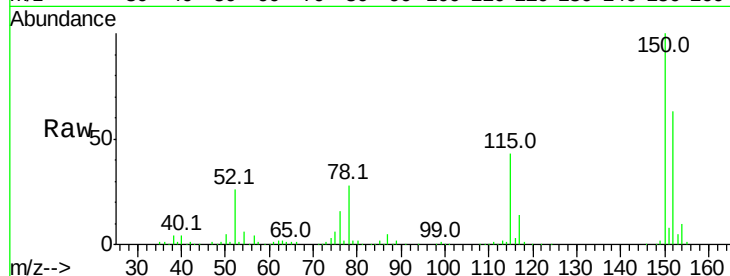
ClientSampleId :

PB88197BSD

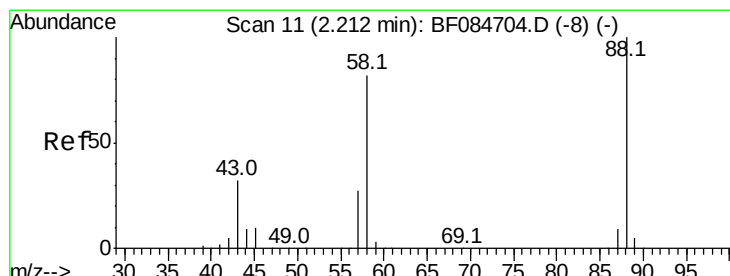
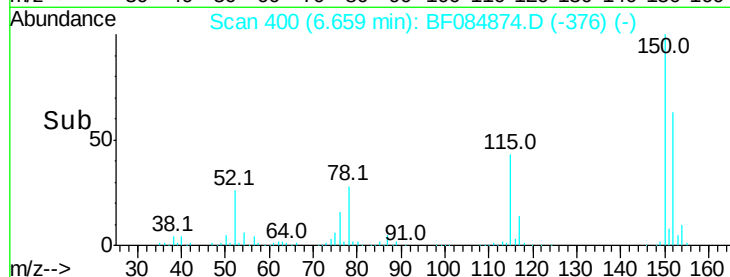
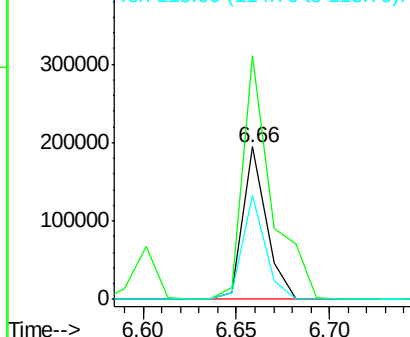
Tot Ion:	152	Resp:	171754
Ion Ratio	Lower	Upper	
152	100		
150	159.7	123.0	184.4
115	68.0	51.4	77.2

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



#2

1,4-Dioxane

Concen: 33.66 ng

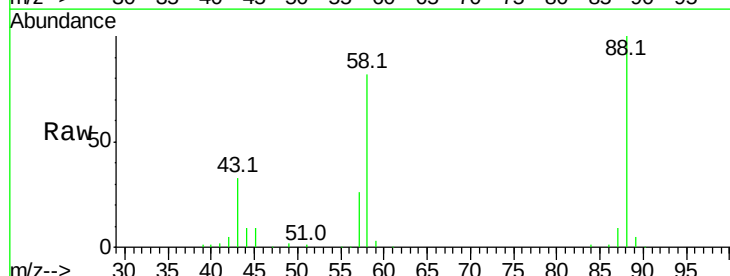
RT: 2.22 min Scan# 12

Delta R.T. 0.05 min

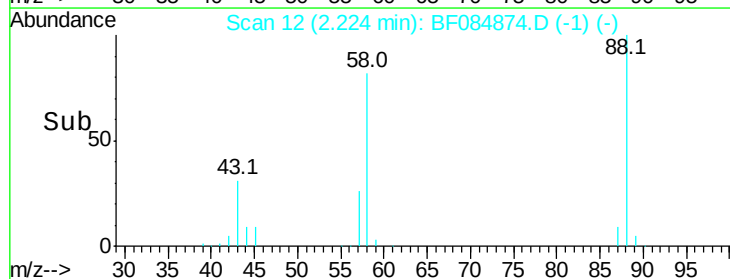
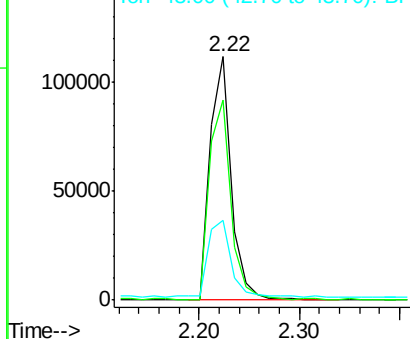
Lab File: BF084874.D

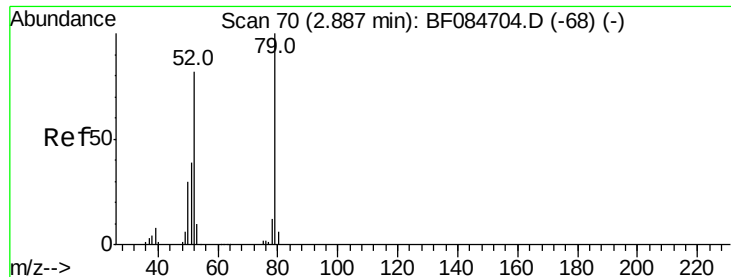
Acq: 5 Feb 2016 21:56

Tgt Ion:	88	Resp:	162594
Ion Ratio	Lower	Upper	
88	100		
58	85.7	51.2	76.8#
43	33.9	19.5	29.3#



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





#3

Pvridine

Concen: 42.28 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

ClientSampleId :

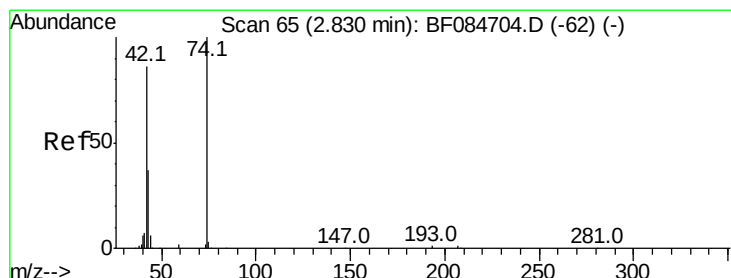
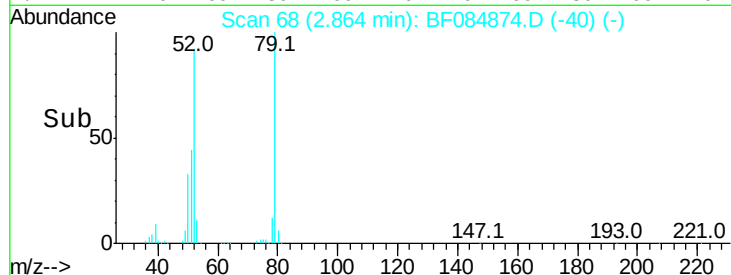
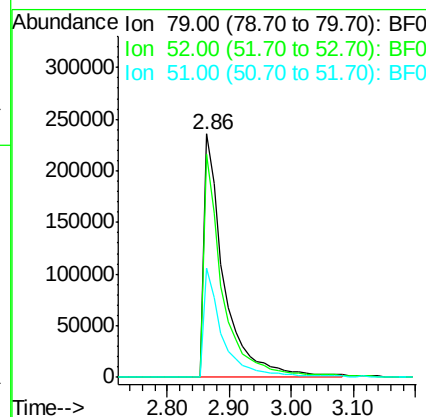
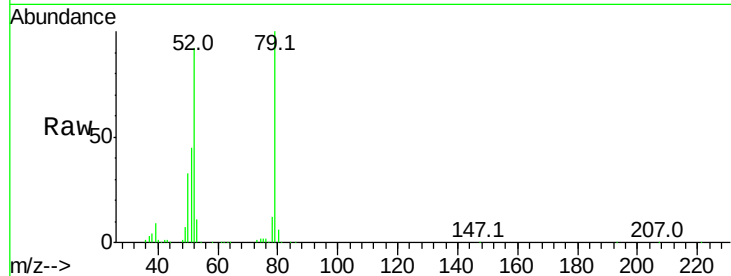
PB88197BSD

Tot Ion: 79 Resp: 532046

Ion	Ratio	Lower	Upper
79	100		
52	91.6	49.0	73.4#
51	44.7	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 42.02 ng

RT: 2.83 min Scan# 65

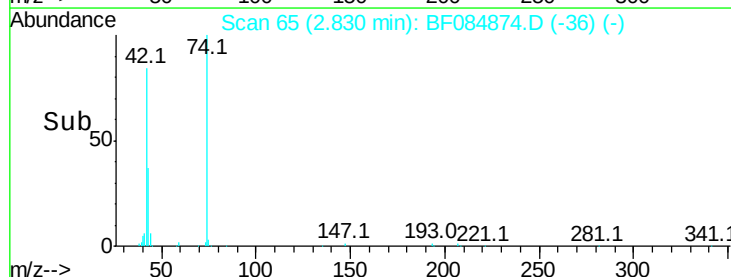
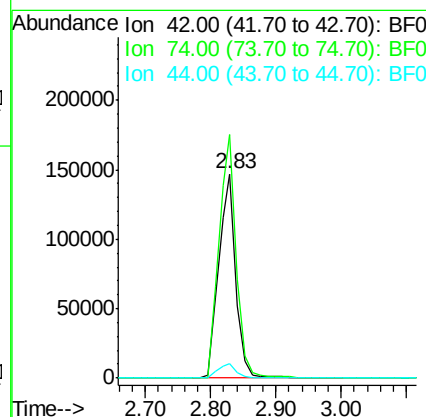
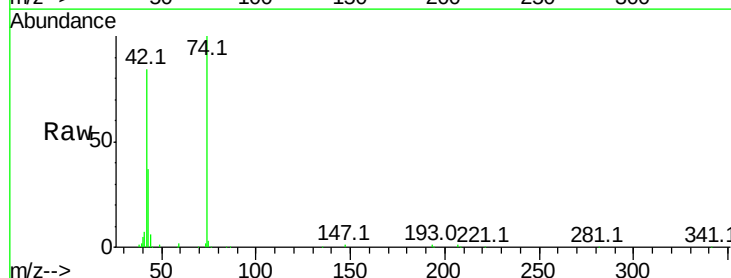
Delta R.T. 0.03 min

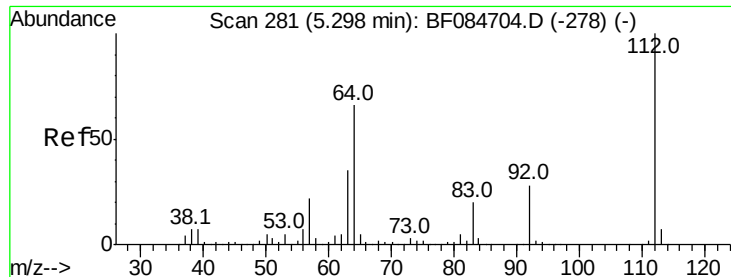
Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion: 42 Resp: 273515

Ion	Ratio	Lower	Upper
42	100		
74	119.0	115.7	173.5
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 93.25 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB88197BSD

Tot Ion:112 Resp: 1028207

Ion Ratio Lower Upper

112 100

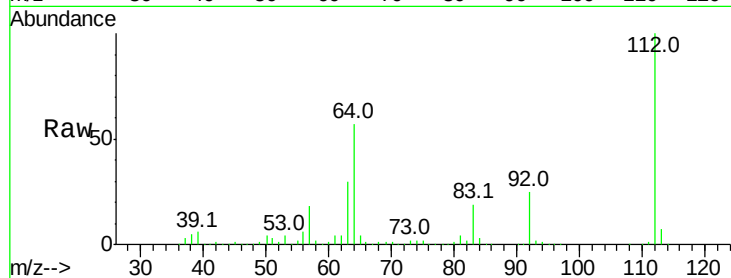
64 57.2 36.6 55.0#

63 29.8 19.4 29.0#

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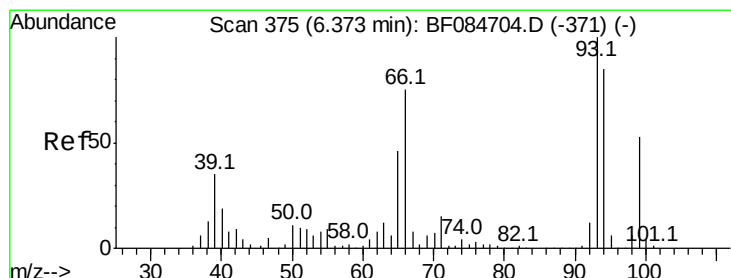
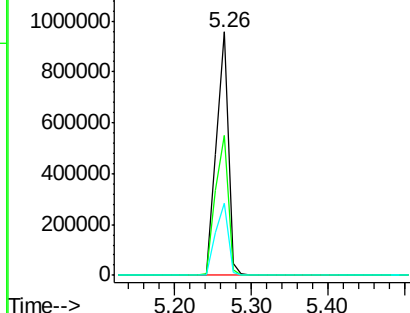
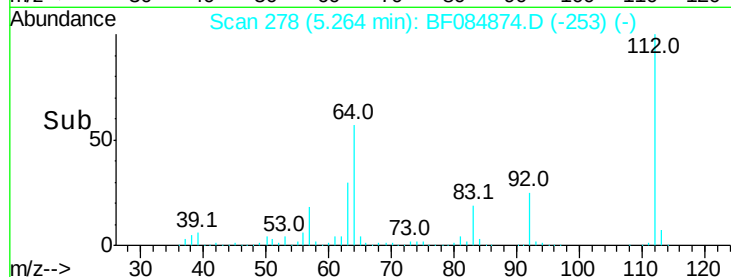
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.66 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

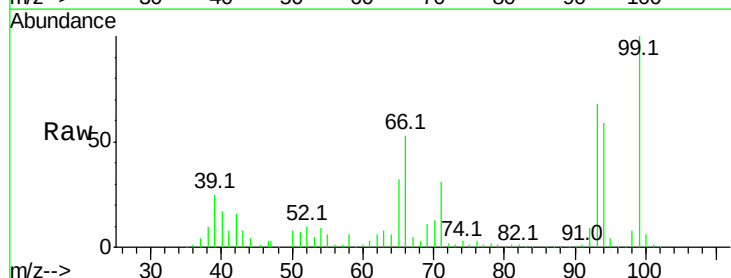
Tgt Ion: 93 Resp: 496198

Ion Ratio Lower Upper

93 100

66 78.3 44.9 67.3#

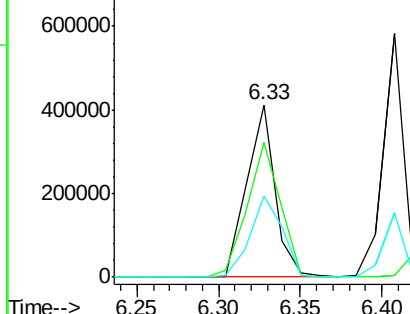
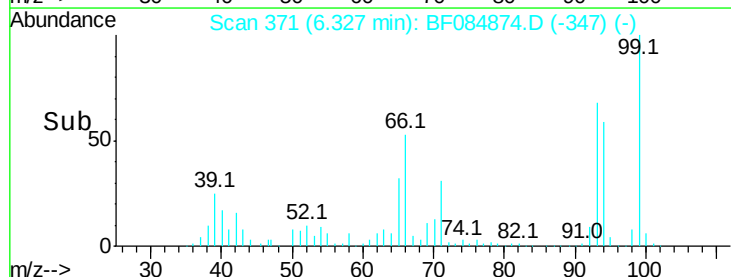
65 46.9 23.7 35.5#

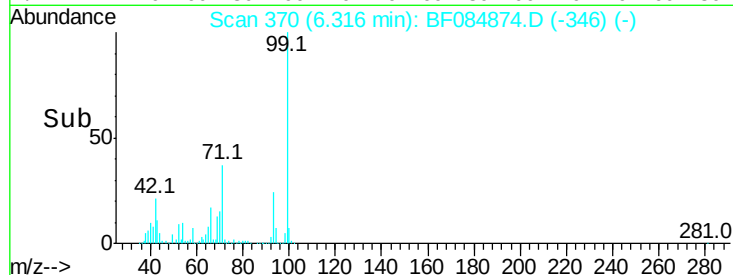
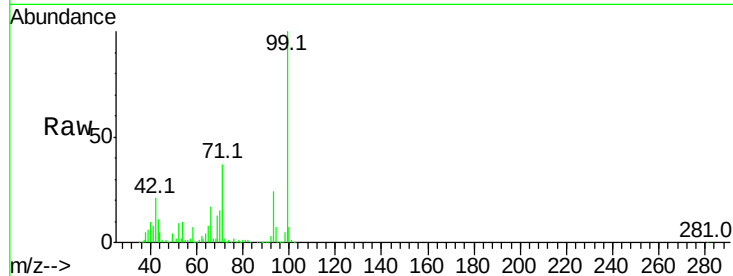
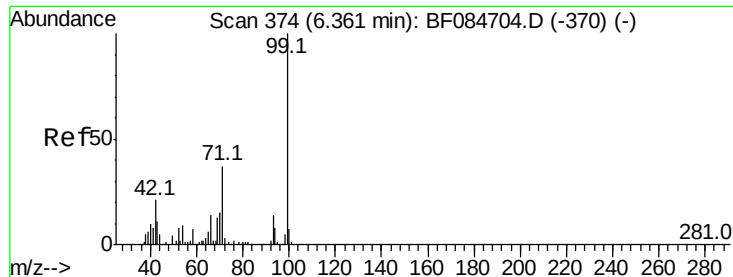


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.06 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tot Ion: 99 Resp: 1203792

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 37.3 30.9 46.3

Instrument :

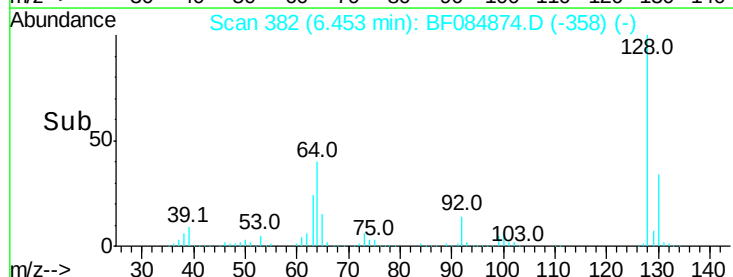
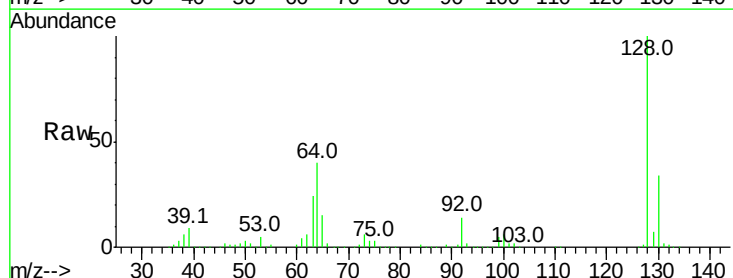
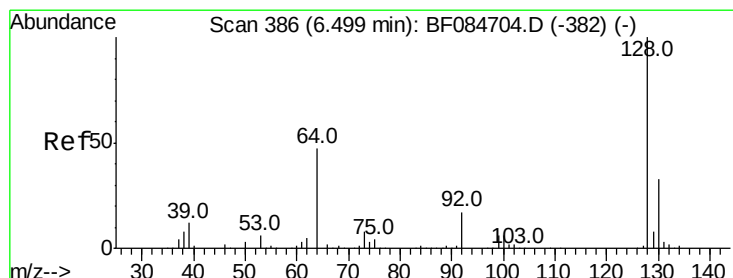
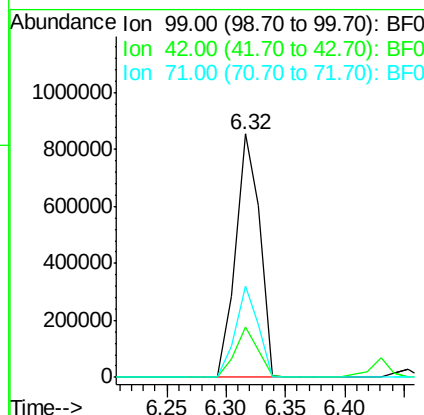
BNA_F

ClientSampleId :

PB88197BSD

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#8

2-Chlorophenol

Concen: 44.15 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

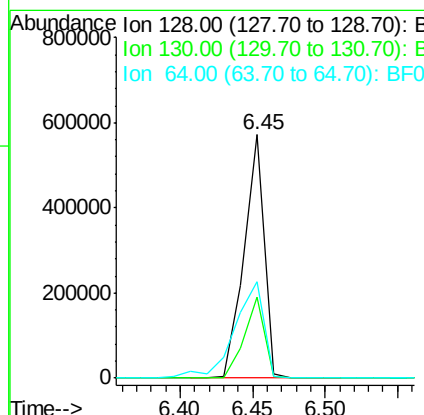
Tgt Ion:128 Resp: 551029

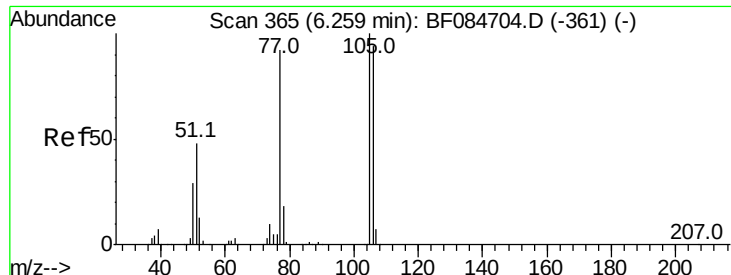
Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

64 39.5 23.8 63.8





#9

Benzaldehyde

Concen: 22.22 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084874.D

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Instrument :

BNA_F

ClientSampleId :

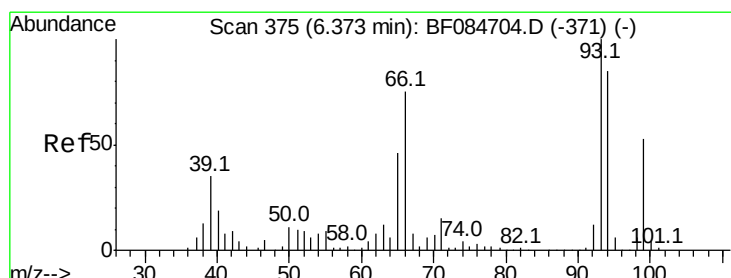
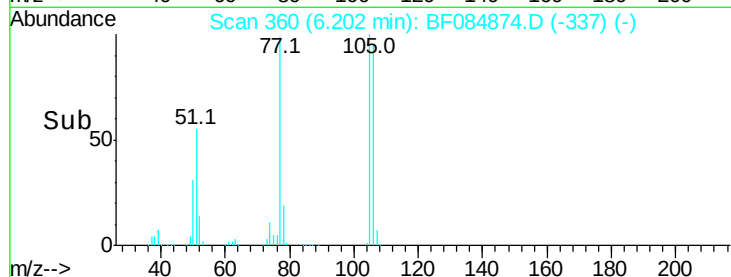
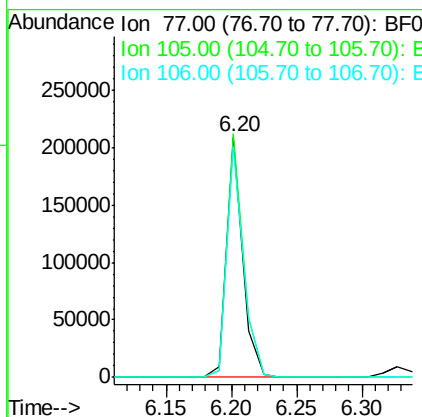
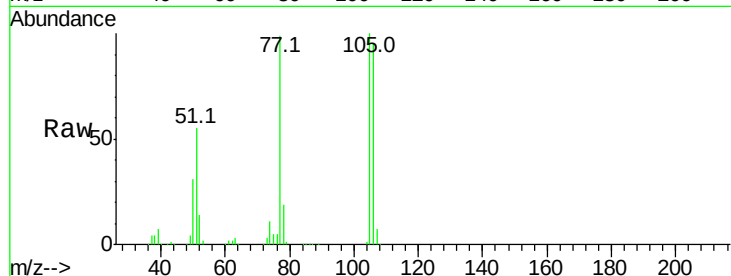
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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.0	123.0
106	96.3	74.6	114.6



#10

Phenol

Concen: 39.90 ng

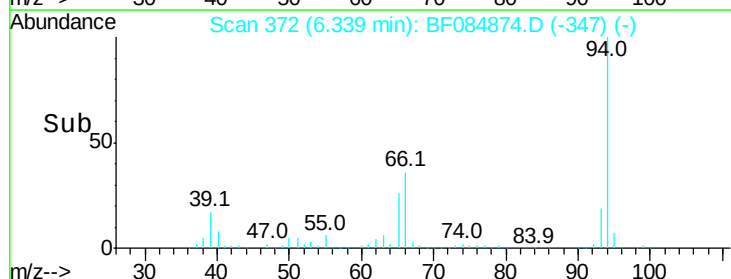
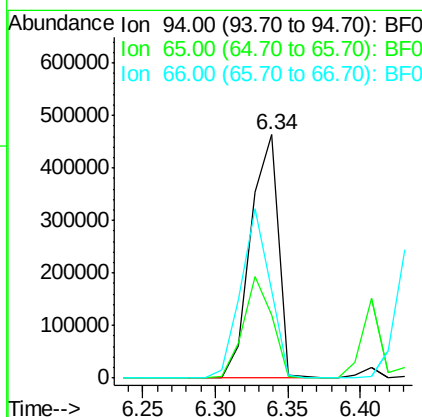
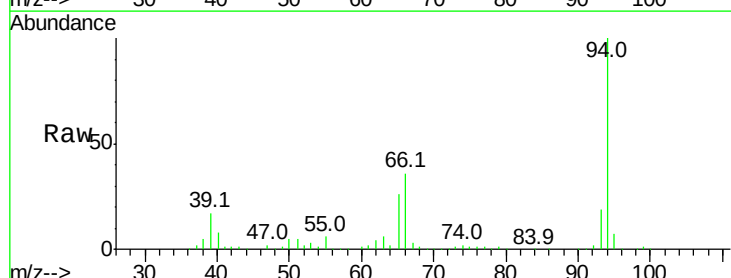
RT: 6.34 min Scan# 372

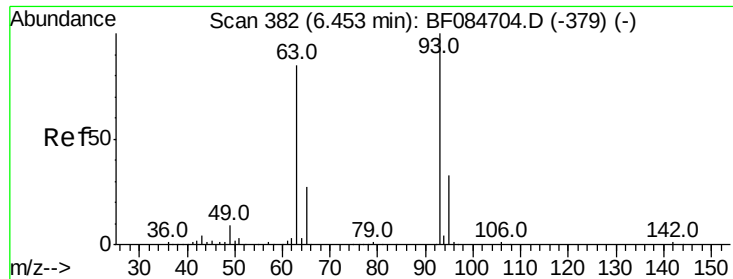
Delta R.T. -0.01 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	12.9	52.9
66	35.8	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 43.17 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

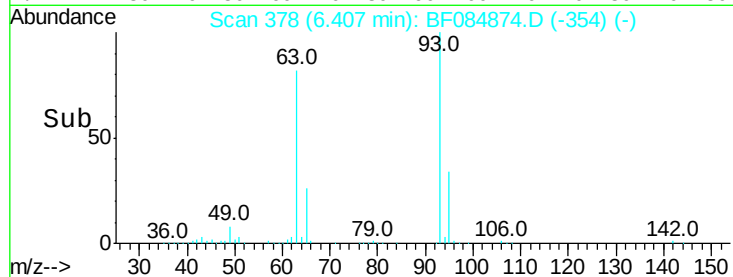
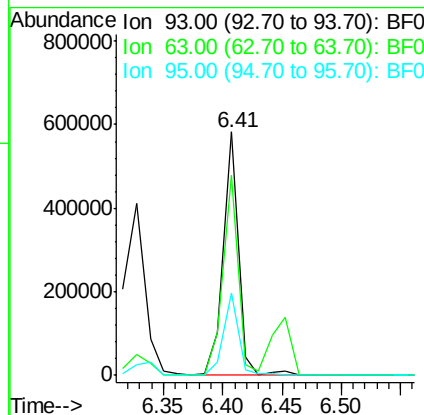
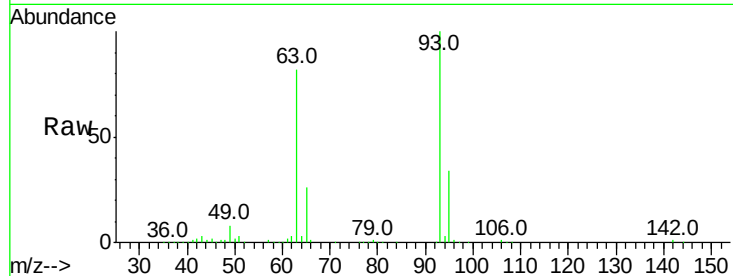
ClientSampleId :

PB88197BSD

Tot Ion	93	Resp	51535
Ion Ratio	Lower	Upper	
93	100		
63	82.3	45.9	85.9
95	33.8	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 42.37 ng

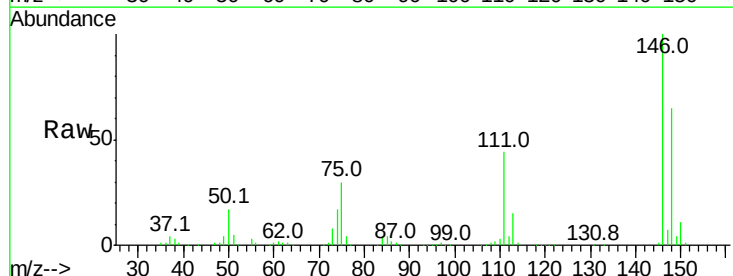
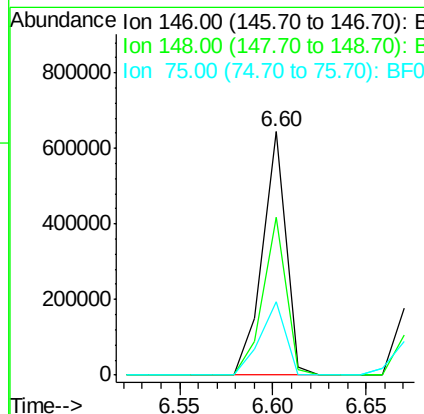
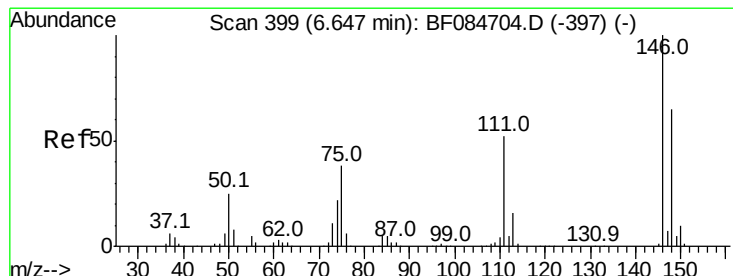
RT: 6.60 min Scan# 395

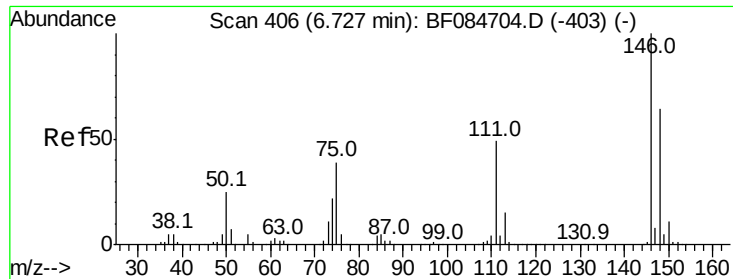
Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion	146	Resp	558754
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.9	77.9
75	30.3	20.5	30.7





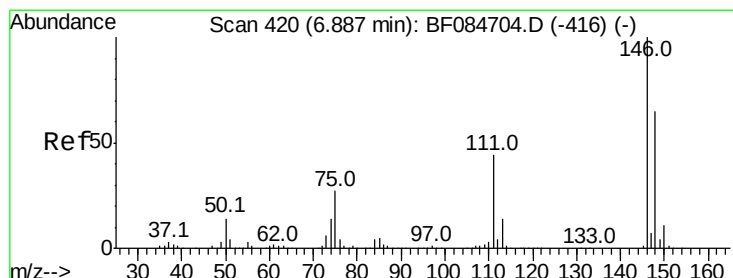
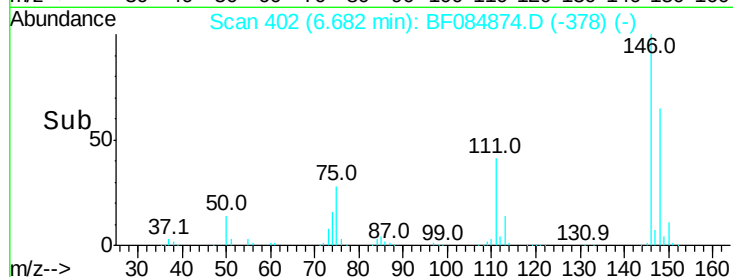
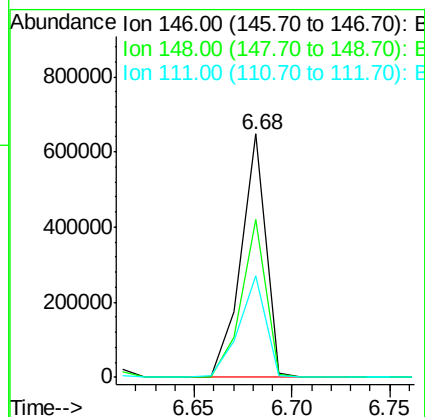
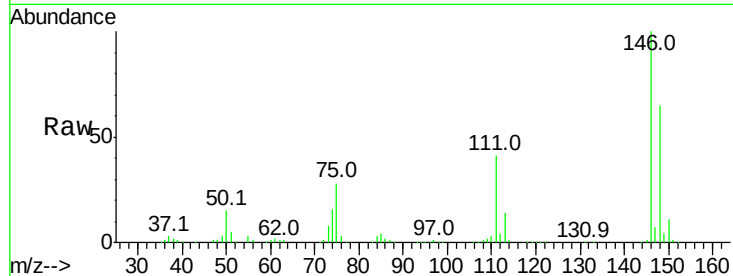
#13
 1,4-Dichlorobenzene
 Concen: 43.50 ng/mL
 RT: 6.68 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	41.4	41.6	62.4

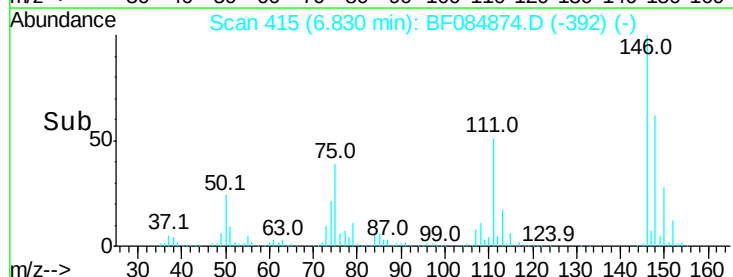
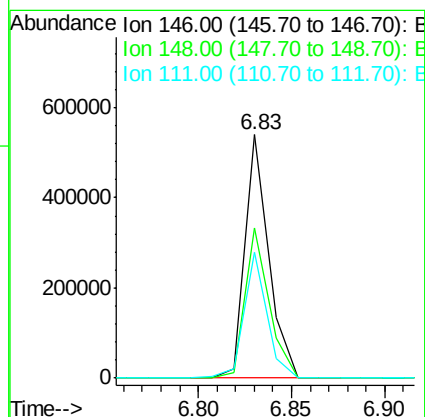
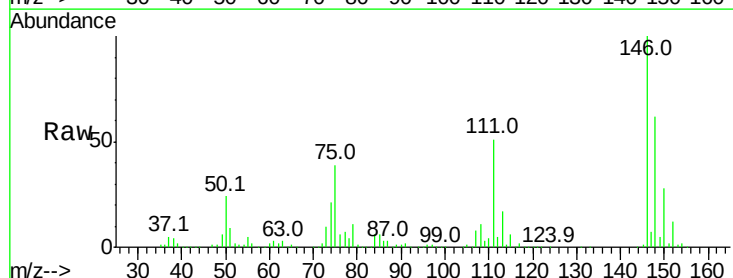
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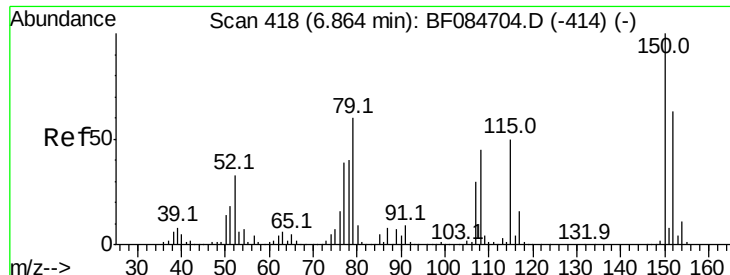
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#14
 1,2-Dichlorobenzene
 Concen: 38.87 ng/mL
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.6	77.4
111	51.5	38.0	57.0





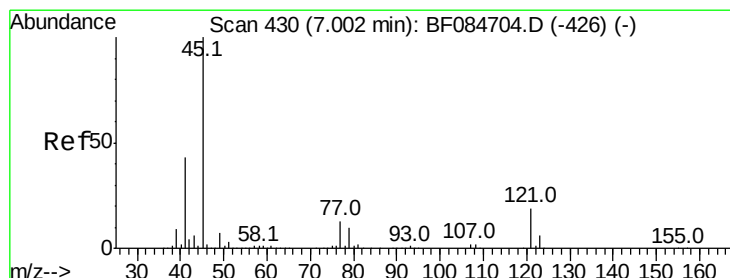
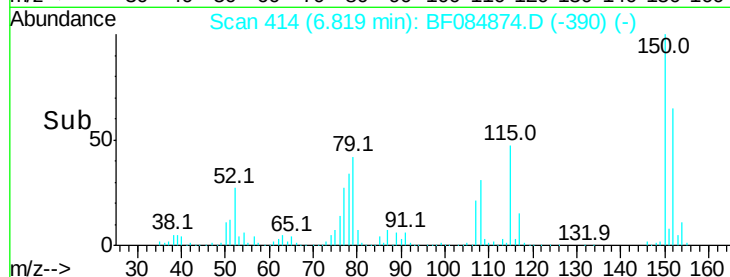
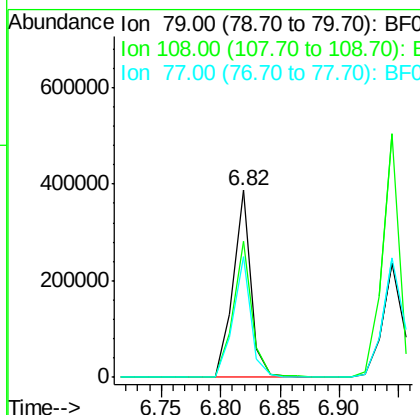
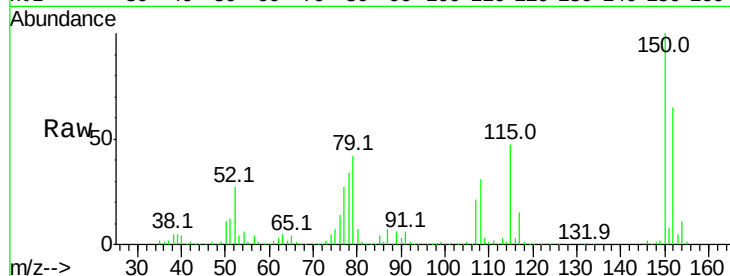
#15
Benzyl Alcohol
Concen: 43.28 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.5	69.0	103.4	
77	64.5	50.0	75.0	

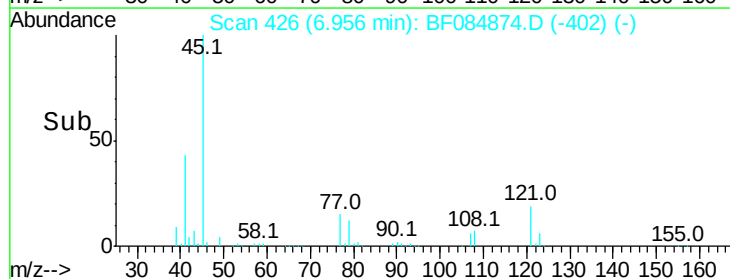
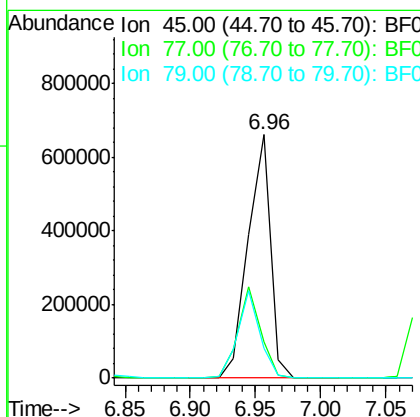
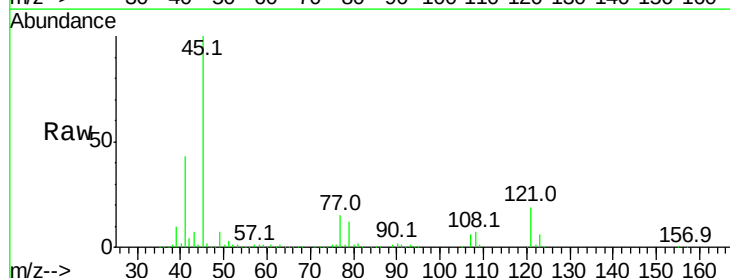
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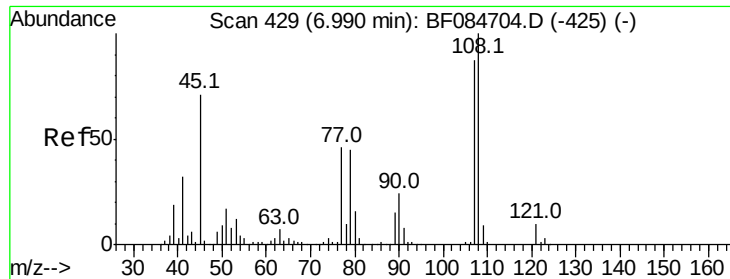
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.43 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.8	0.0	39.6	
79	12.5	0.0	35.0	





#17

2-Methylphenol

Concen: 45.26 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

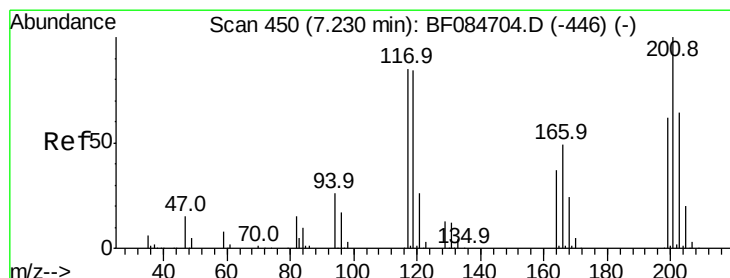
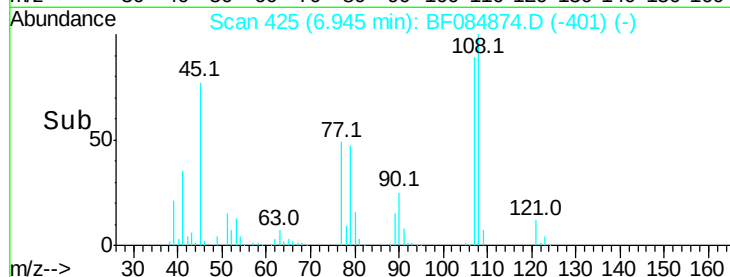
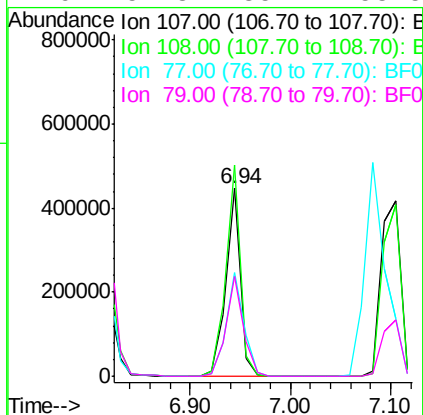
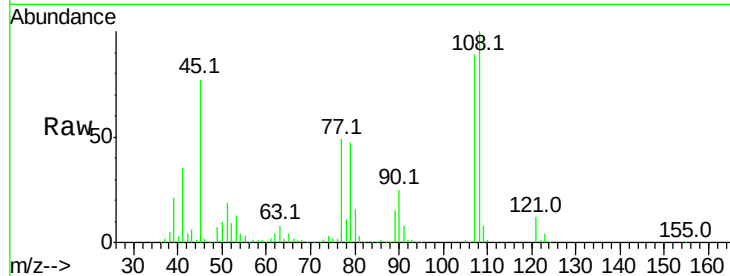
ClientSampleId :

PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	89.8	134.6	
77	55.4	35.7	53.5	
79	52.8	35.7	53.5	

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#18

Hexachloroethane

Concen: 41.94 ng

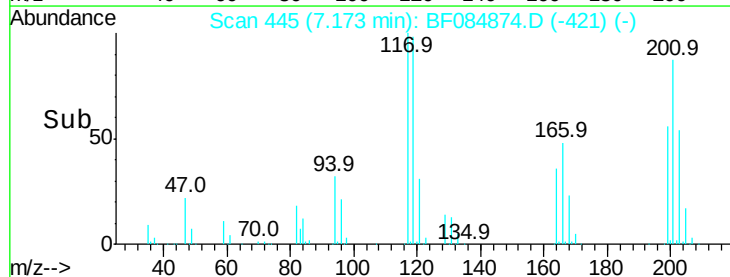
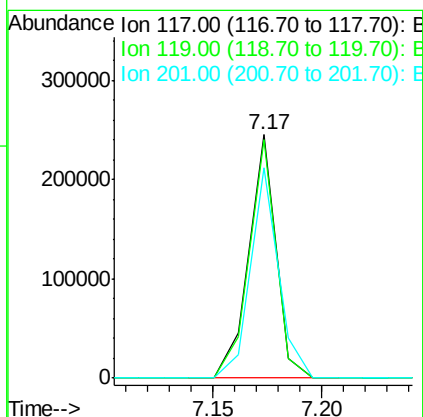
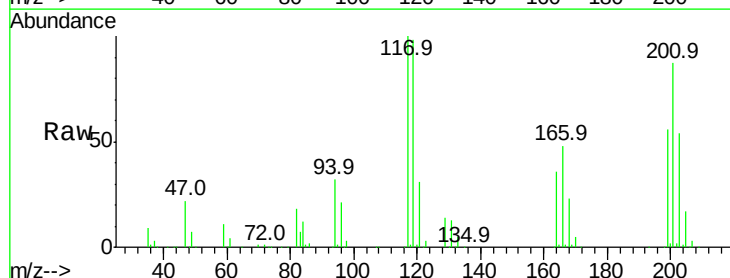
RT: 7.17 min Scan# 445

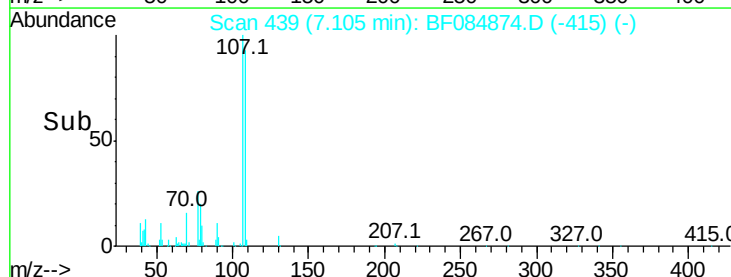
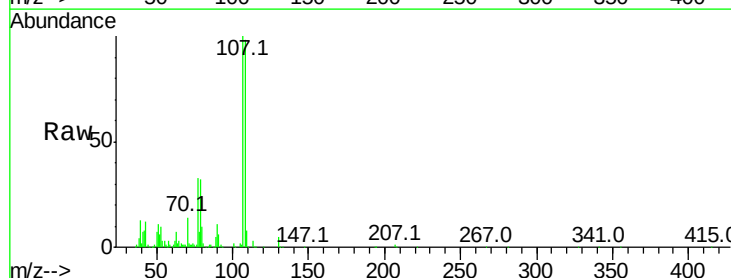
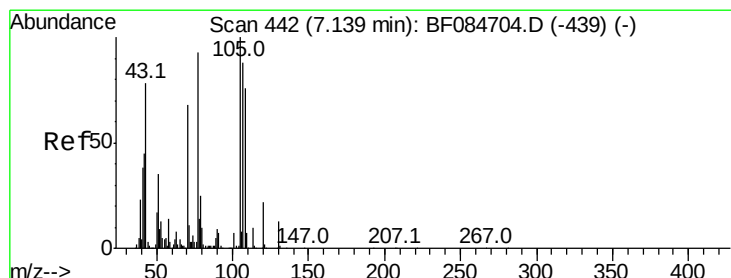
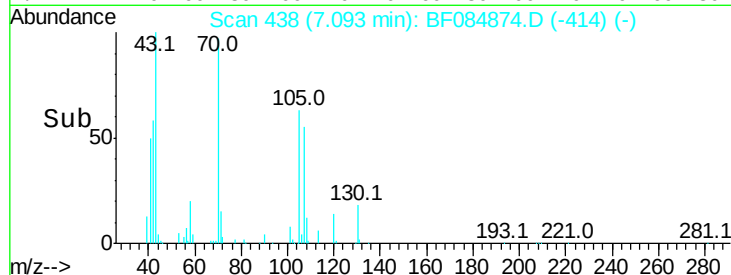
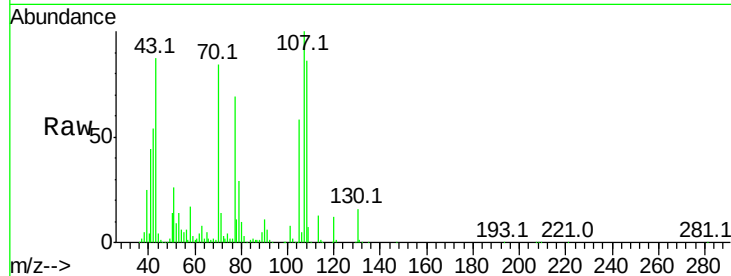
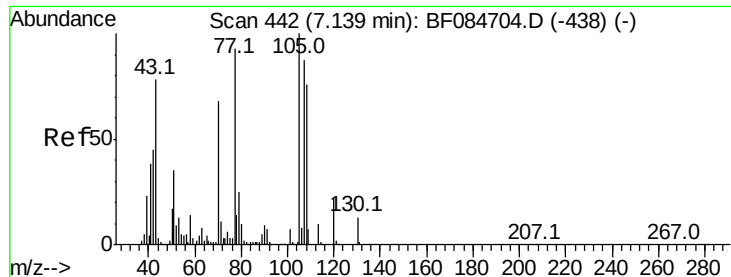
Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	77.4	116.0	
201	86.6	68.6	103.0	





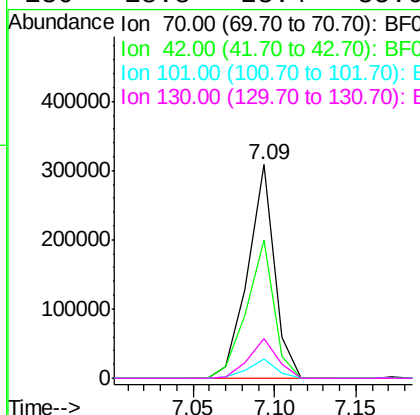
#19
n-Nitroso-di-n-propylamine
Concen: 41.11 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	64.5	33.3	49.9#	
101	9.2	9.3	13.9#	
130	18.8	23.4	35.0#	

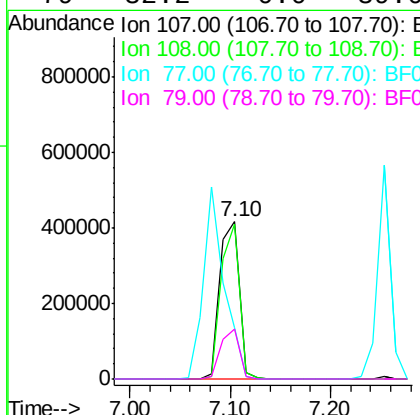
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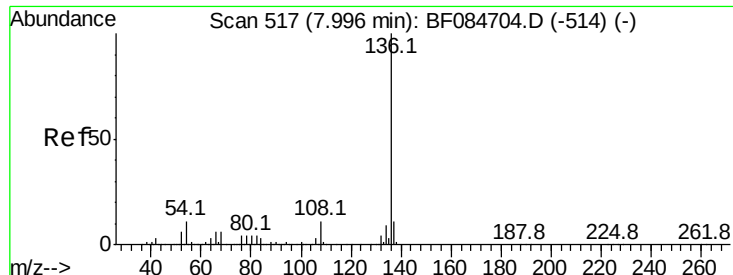
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#20
3+4-Methylphenols
Concen: 46.14 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	98.4	74.6	114.6	
77	32.7	0.7	40.7	
79	32.2	0.0	39.0	





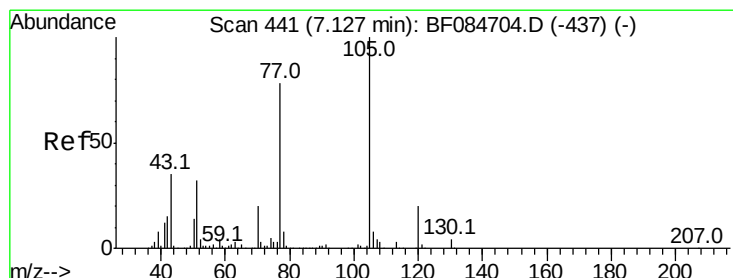
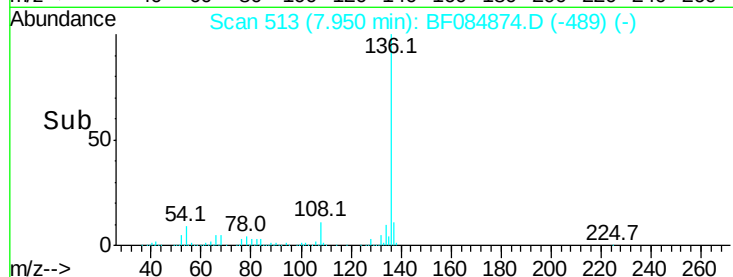
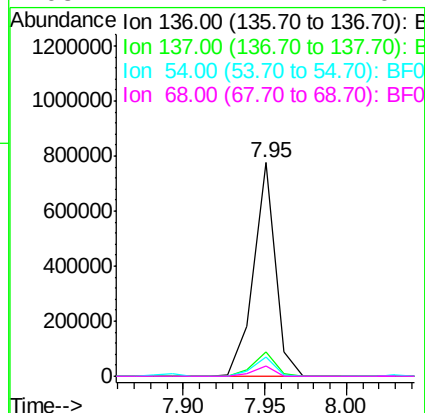
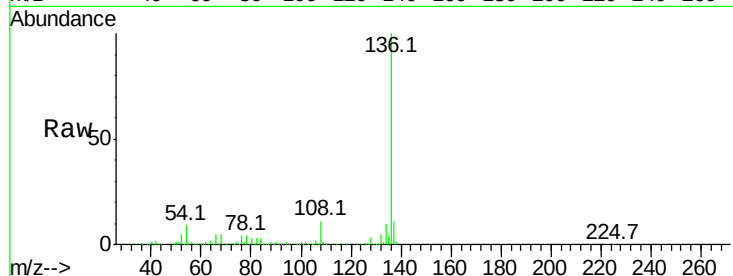
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.9	5.8	8.8#
68	4.7	4.2	6.2

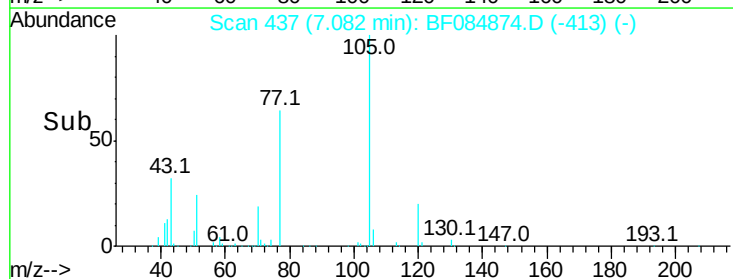
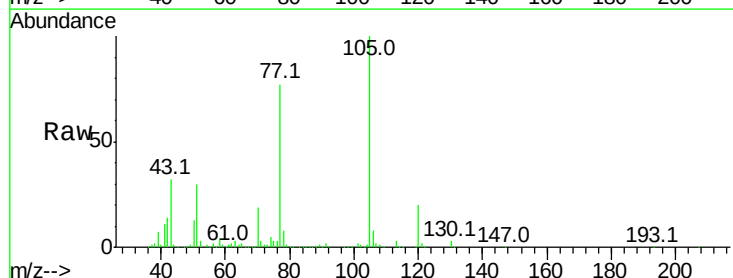
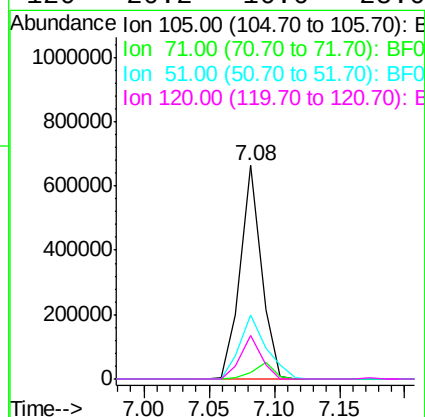
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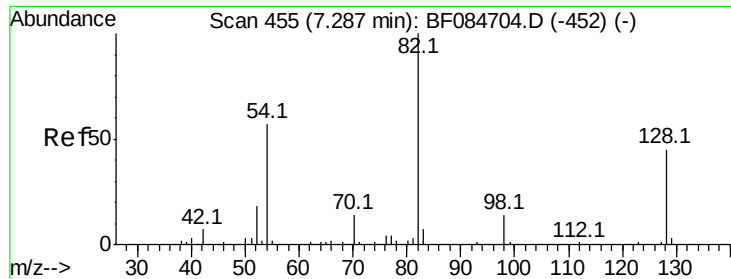
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#22
Acetophenone
Concen: 39.23 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.1	3.7	5.5#
51	30.1	25.1	37.7
120	20.2	16.6	25.0





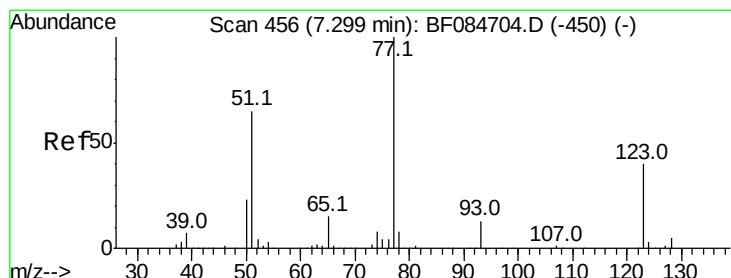
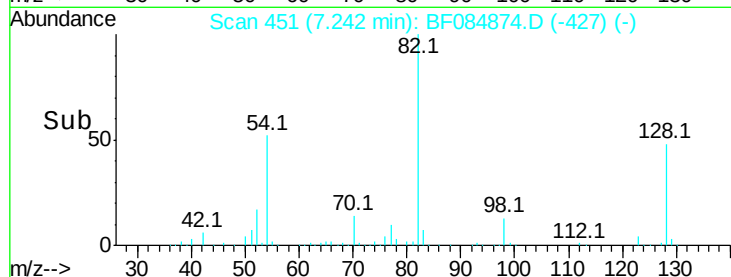
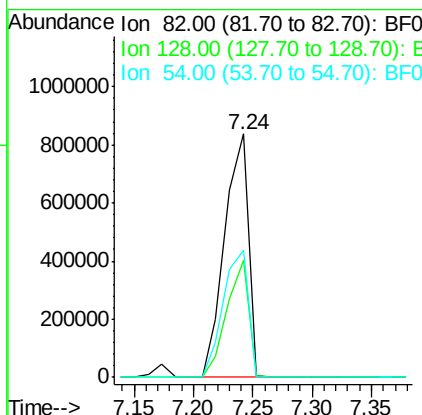
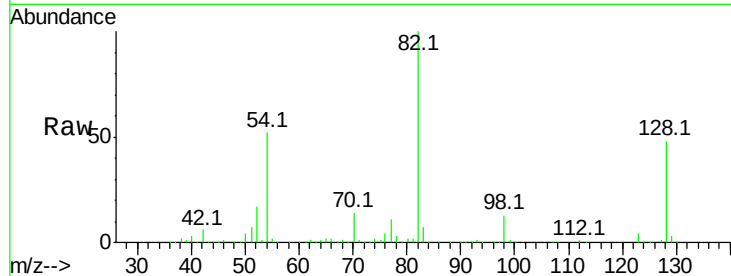
#23
 Nitrobenzene-d5
 Concen: 90.59 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion: 82 Resp: 1158996
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.6 51.8
 54 52.0 38.4 57.6

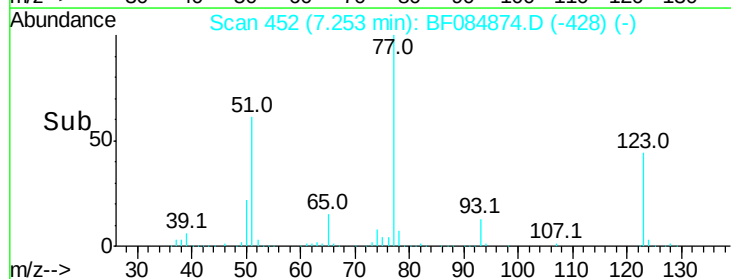
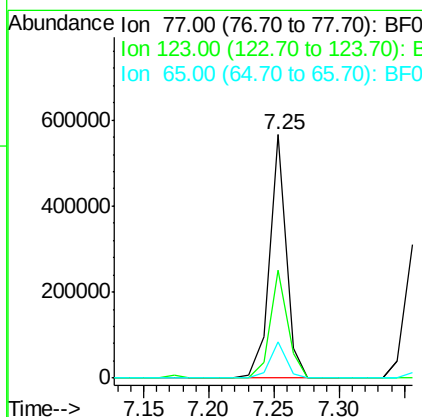
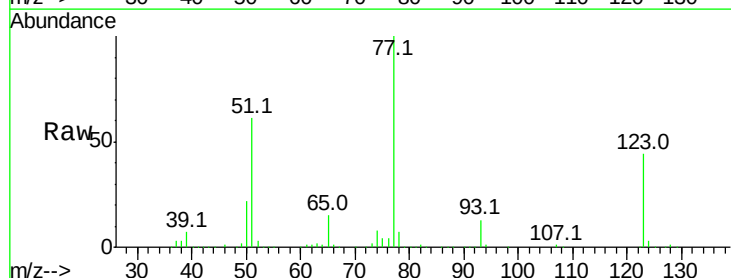
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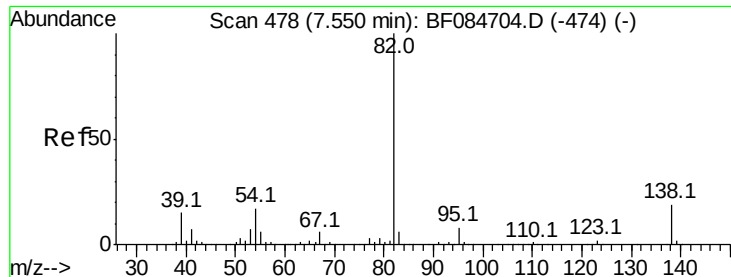
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#24
 Nitrobenzene
 Concen: 37.05 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion: 77 Resp: 507655
 Ion Ratio Lower Upper
 77 100
 123 44.1 37.4 56.2
 65 14.9 10.9 16.3





#25

Isophorone

Concen: 41.23 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB88197BSD

Tot Ion: 82 Resp: 1025624

Ion Ratio Lower Upper

82 100

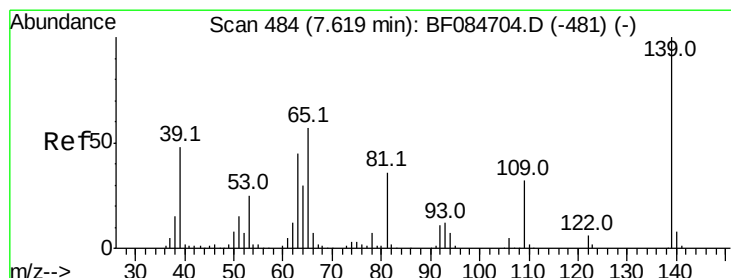
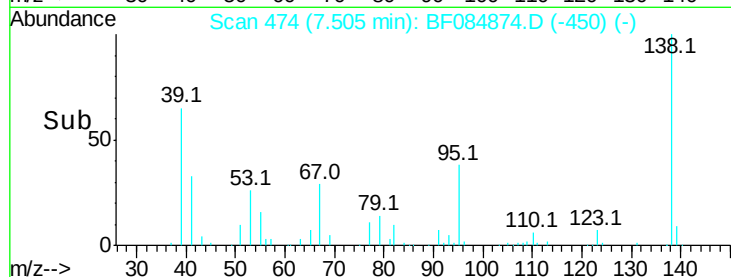
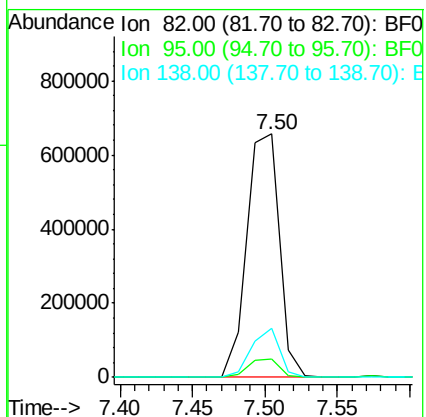
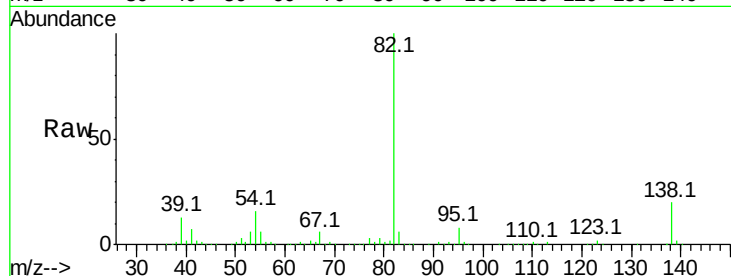
95 7.6 6.6 10.0

138 20.0 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.17 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

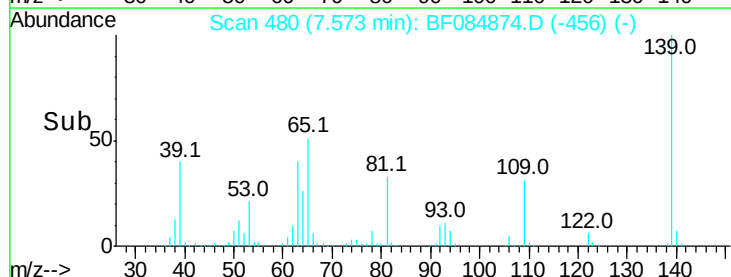
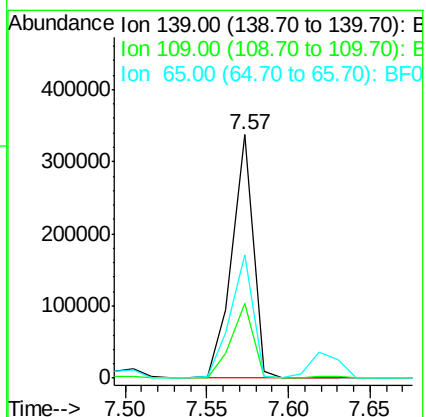
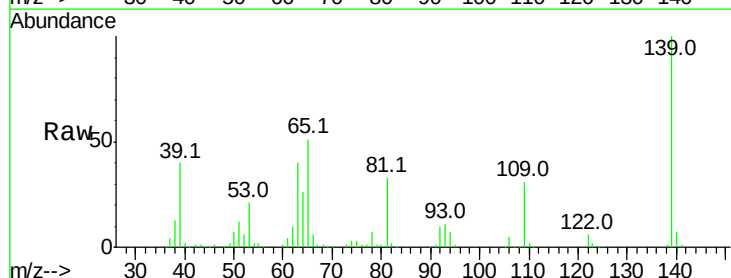
Tgt Ion: 139 Resp: 305207

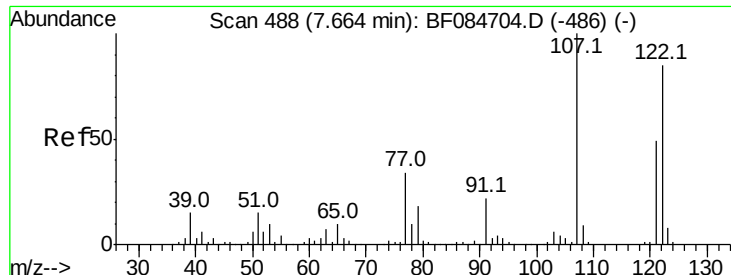
Ion Ratio Lower Upper

139 100

109 30.5 25.4 38.2

65 50.8 32.3 48.5#





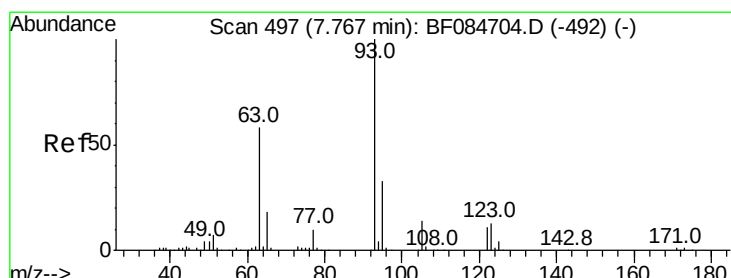
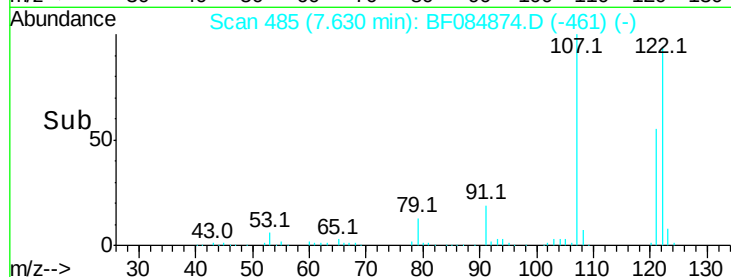
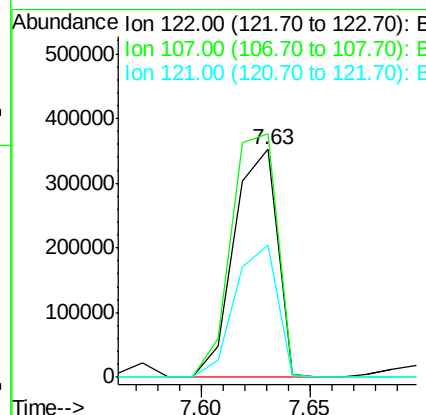
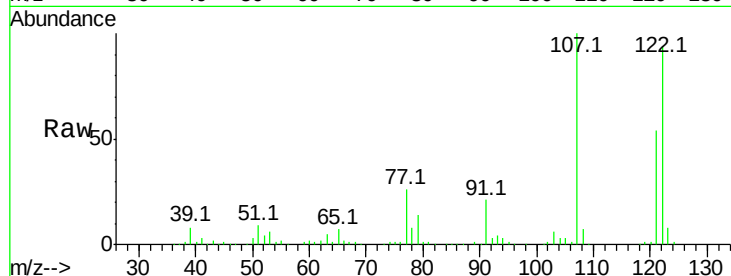
#27
 2,4-Dimethylphenol
 Concen: 41.46 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	487272		
107	106.7	99.1	148.7	
121	58.2	47.9	71.9	

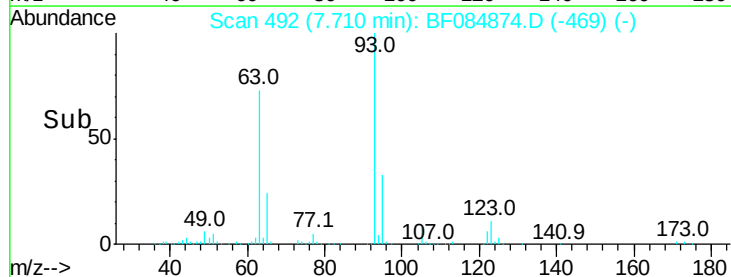
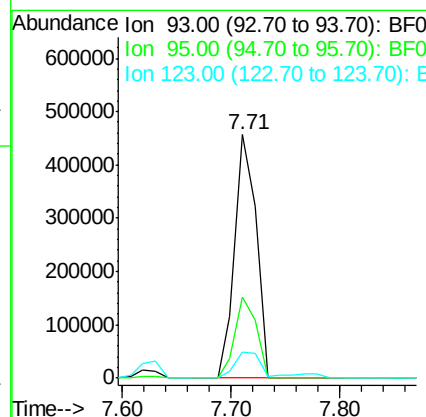
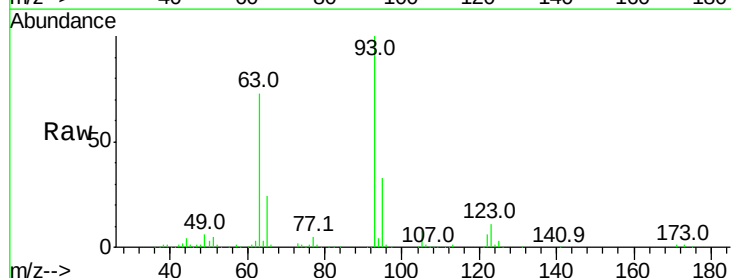
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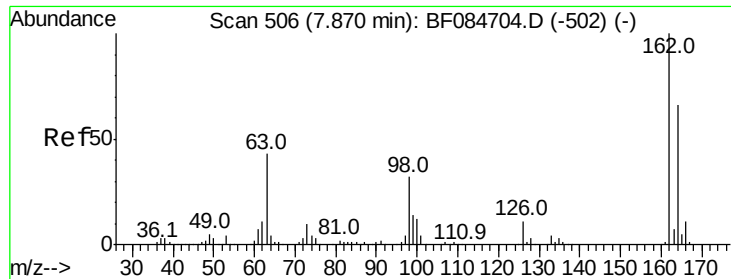
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.81 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	617094		
95	33.2	25.8	38.6	
123	10.6	8.6	12.8	





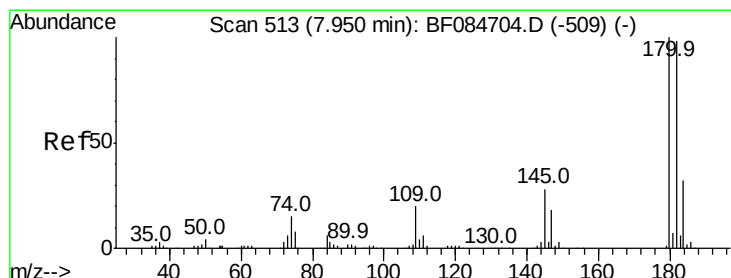
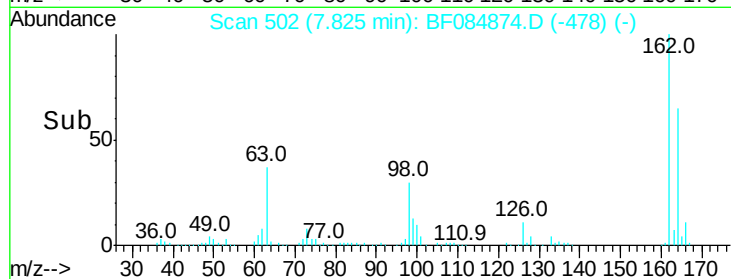
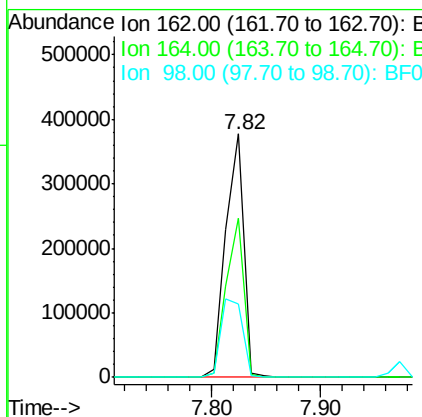
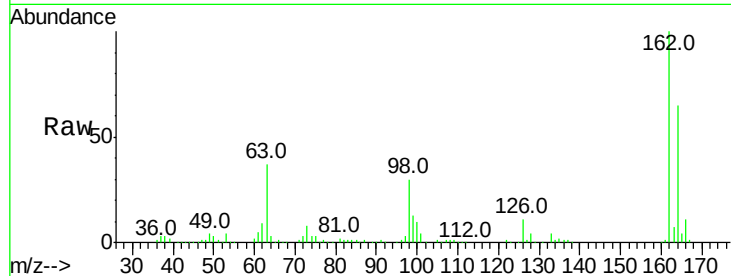
#29
 2,4-Dichlorophenol
 Concen: 43.07 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleID :
 PB88197BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	44.1	84.1
98	30.0	20.2	60.2

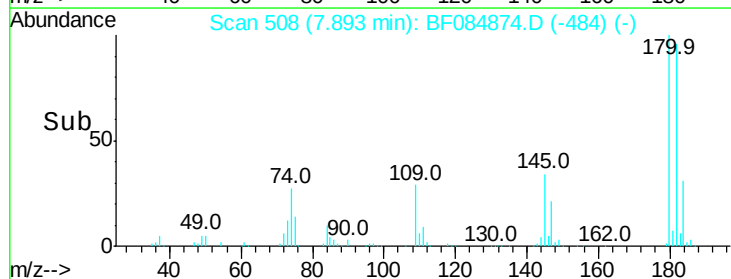
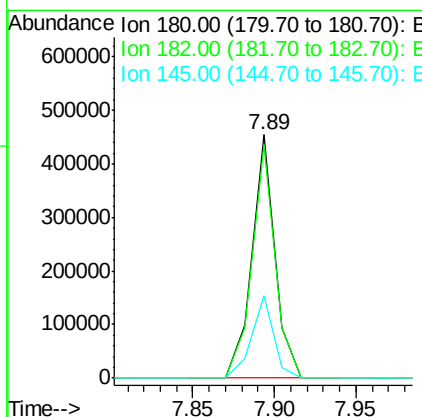
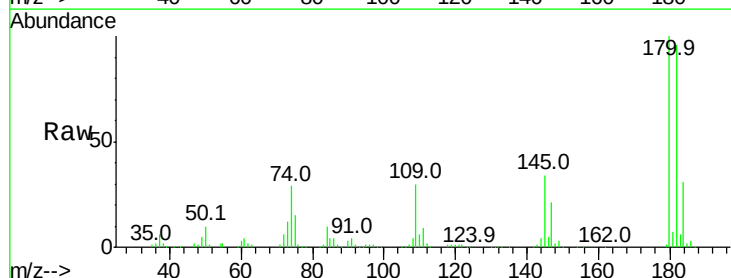
Manual Integrations
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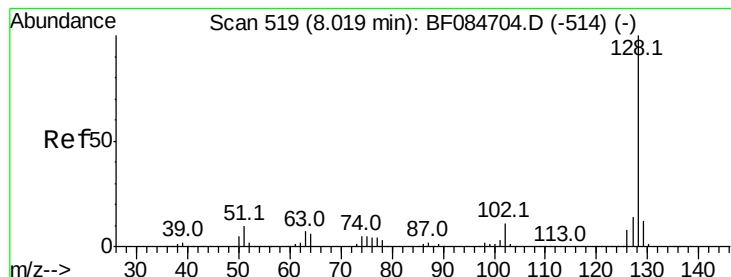
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.13 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	76.4	114.6
145	34.0	31.6	47.4





#31

Naphthalene

Concen: 41.19 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

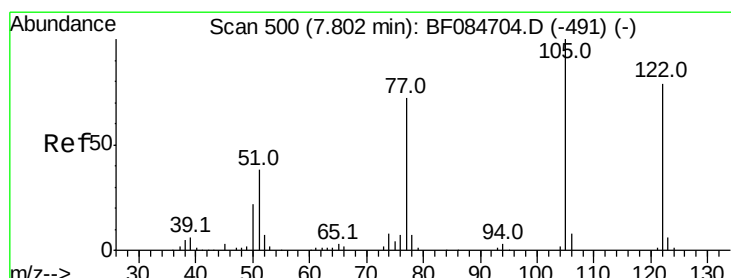
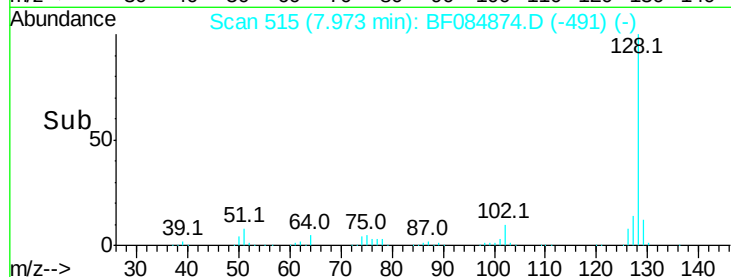
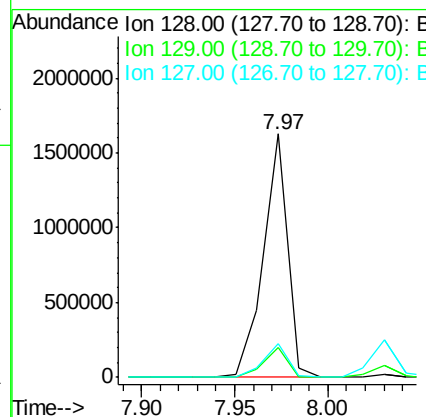
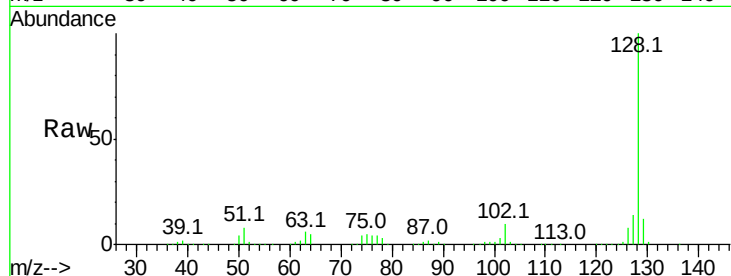
ClientSampleId :

PB88197BSD

Tot Ion:	128	Resp:	1489261
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.9	11.1	16.7

Manual Integrations
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#32

Benzoic acid

Concen: 43.04 ng

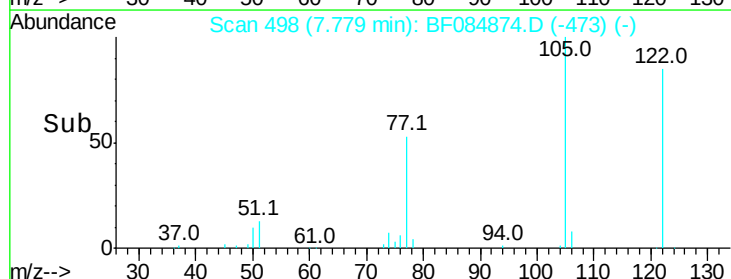
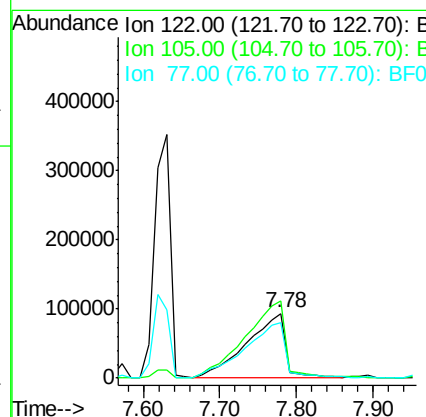
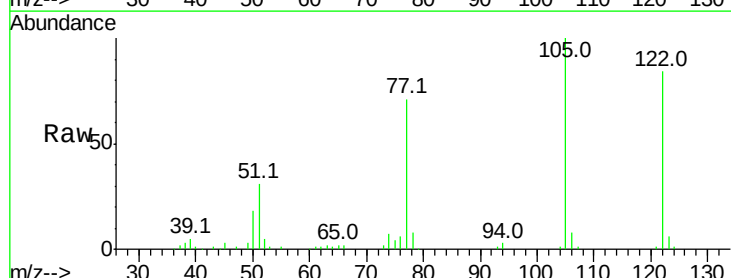
RT: 7.78 min Scan# 498

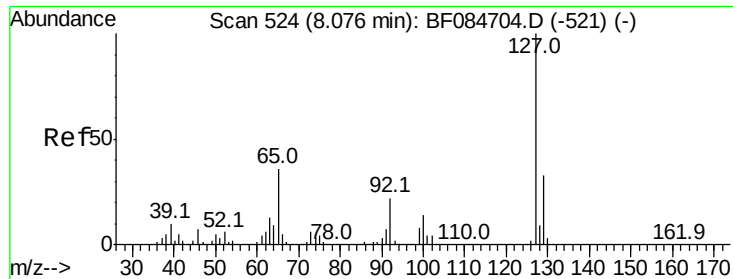
Delta R.T. -0.01 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion:	122	Resp:	323597
Ion	Ratio	Lower	Upper
122	100		
105	119.0	100.3	140.3
77	84.9	63.5	103.5





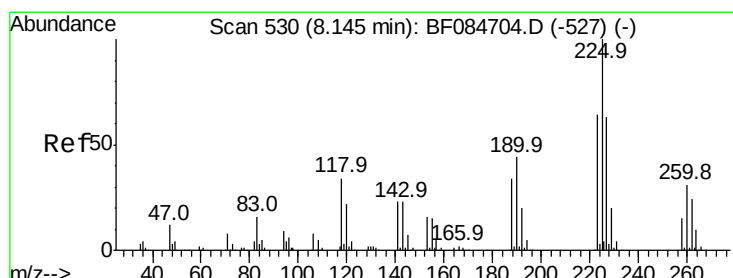
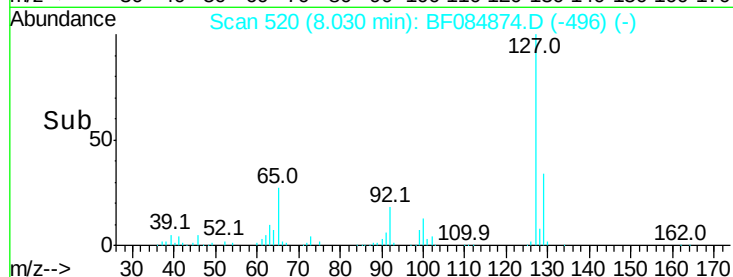
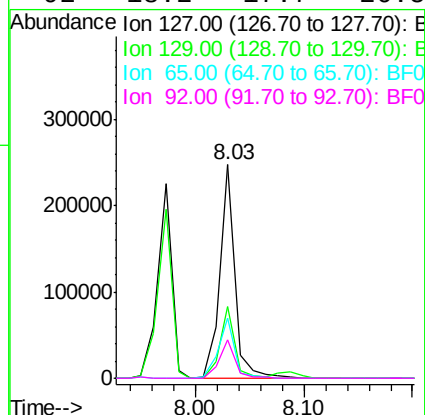
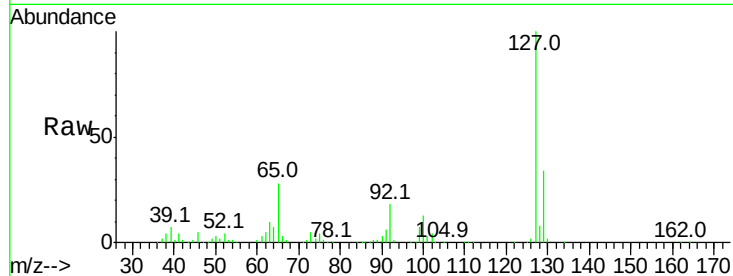
#33
 4-Chloroaniline
 Concen: 16.31 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.5	39.7		
65	28.2	27.2	40.8		
92	18.2	17.7	26.5		

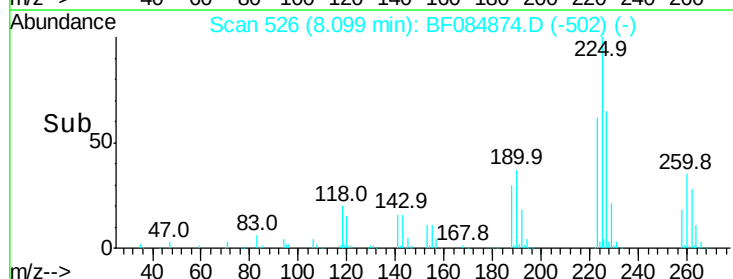
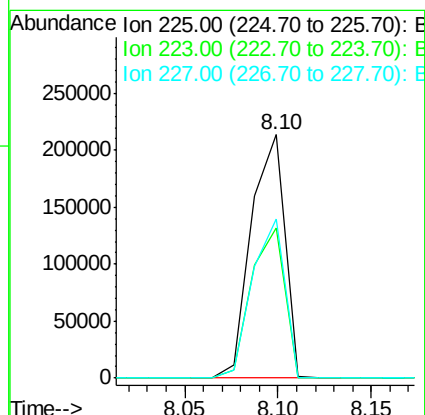
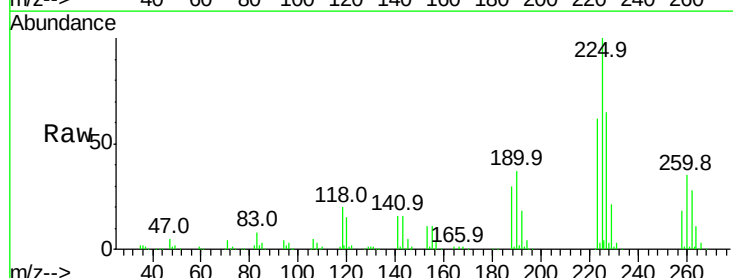
Manual Integrations
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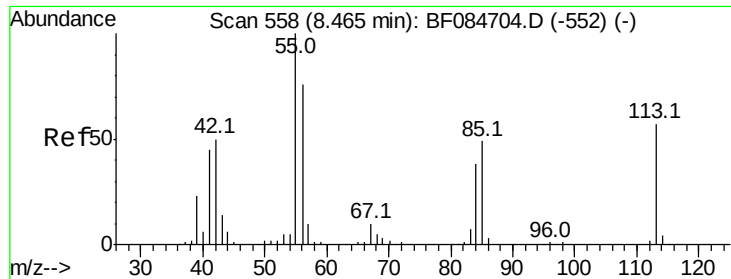
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#34
 Hexachlorobutadiene
 Concen: 40.48 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.4	74.0		
227	65.5	50.8	76.2		





#35

Caprolactam

Concen: 48.31 ng/mL

RT: 8.42 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

ClientSampleID :

PB88197BSD

Tot Ion:113 Resp: 149760

Ion Ratio Lower Upper

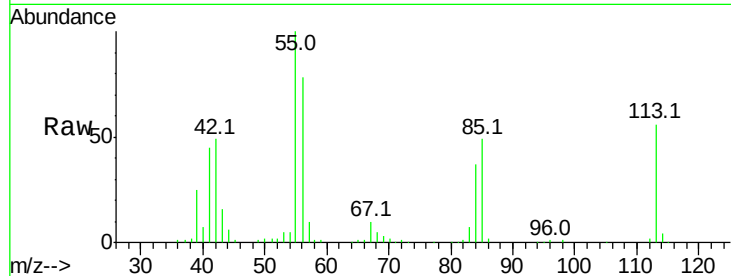
113 100

55 177.1 116.9 156.9#

56 137.8 93.8 133.8#

Manual Integrations
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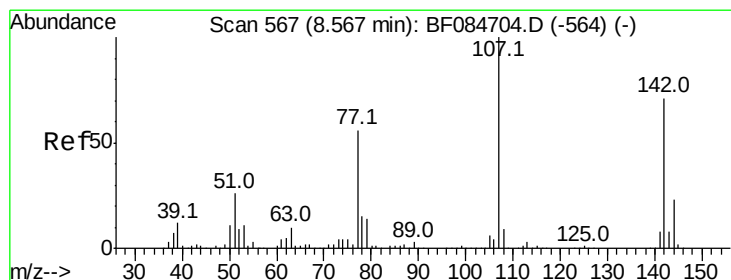
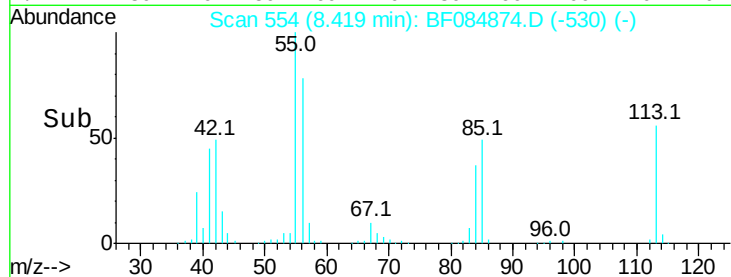
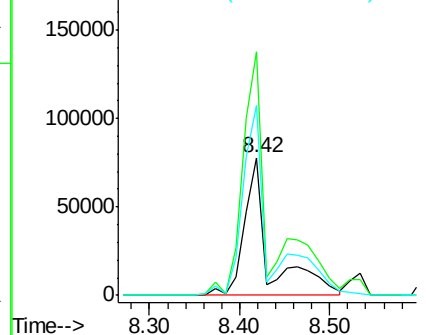
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.86 ng/mL

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

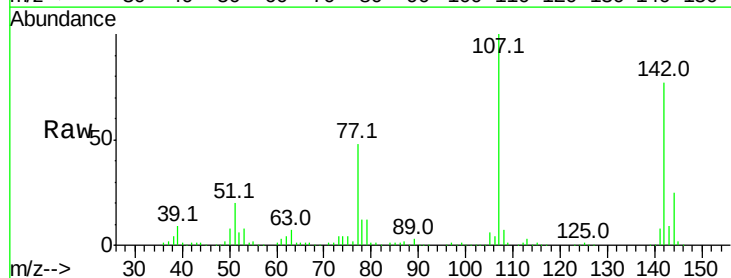
Tgt Ion:107 Resp: 514631

Ion Ratio Lower Upper

107 100

144 25.4 19.7 29.5

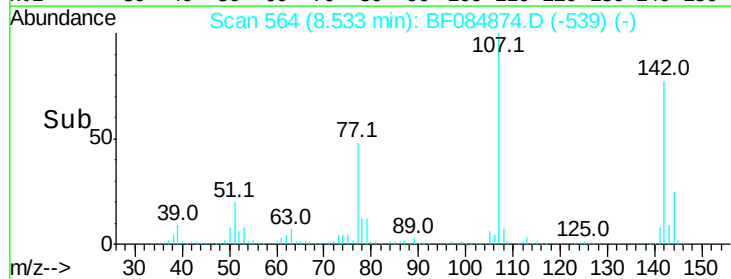
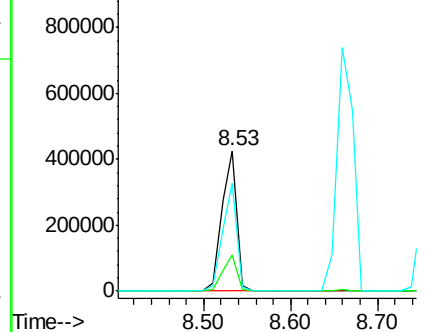
142 77.2 61.8 92.6

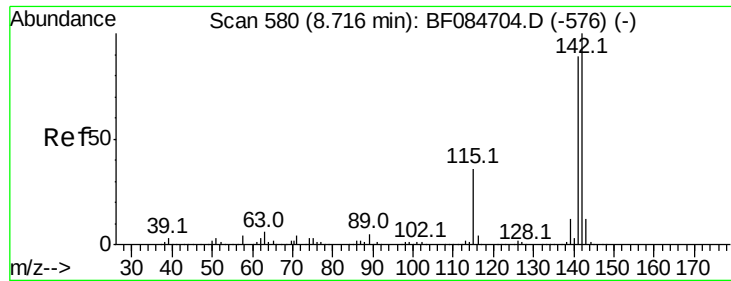


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





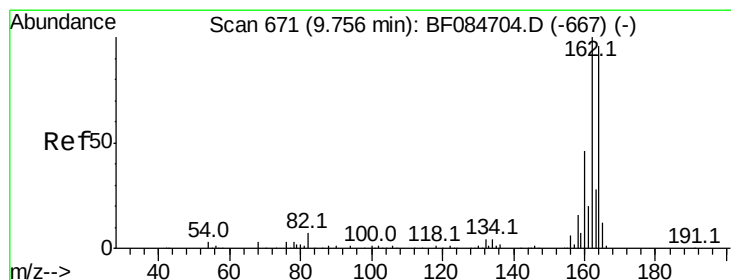
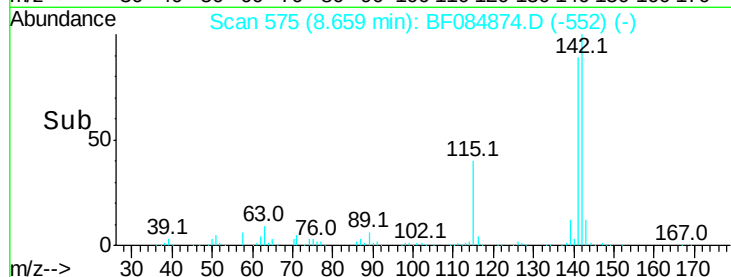
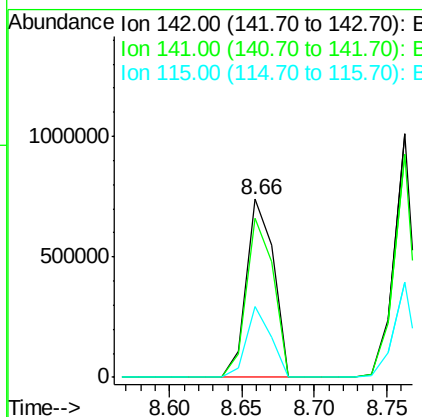
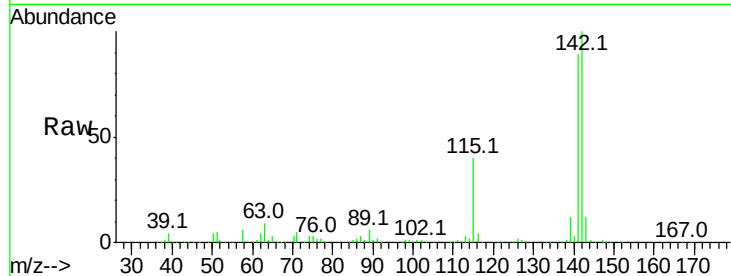
#37
 2-Methylnaphthalene
 Concen: 42.42 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	959809		
141	89.3	72.4	108.6	
115	39.8	27.9	41.9	

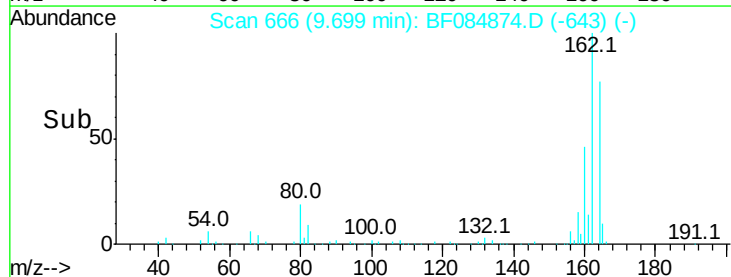
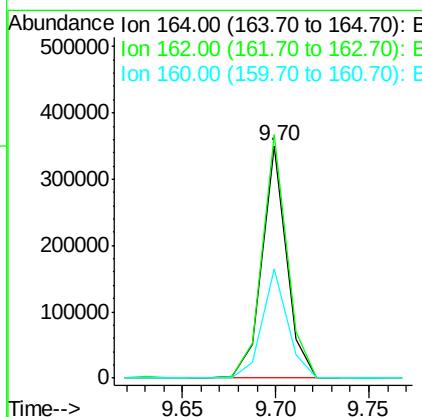
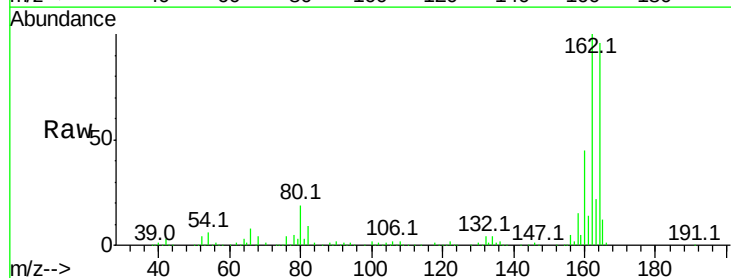
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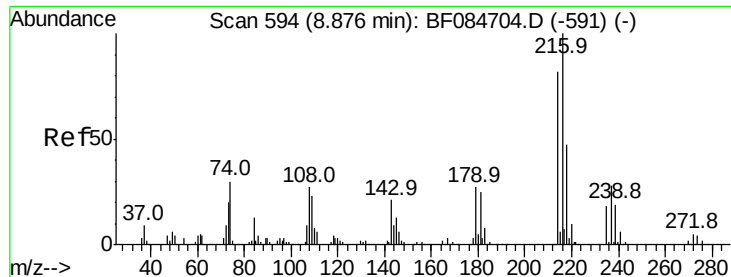
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	317004		
162	104.7	85.1	127.7	
160	47.1	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.99 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

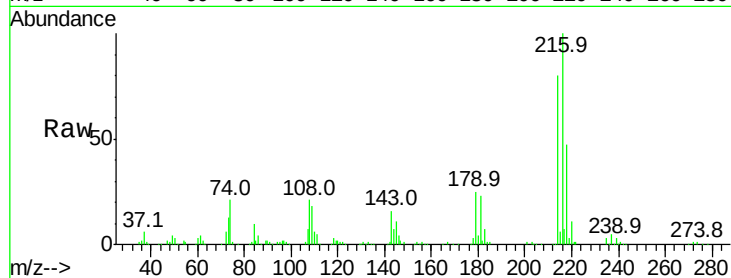
ClientSampleId :

PB88197BSD

Tot Ion:	216	Resp:	412682
Ion Ratio		Lower	Upper
216	100		
214	79.7	64.2	96.2
179	24.1	18.7	28.1
108	24.2	16.8	25.2

Manual Integrations
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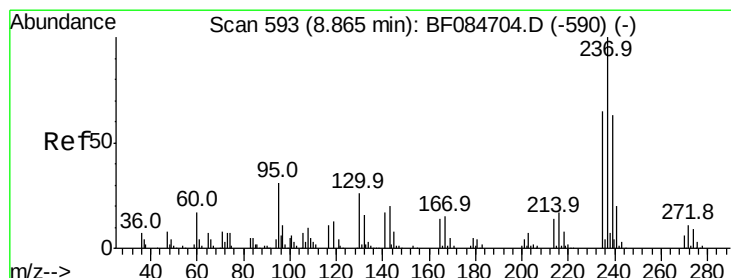
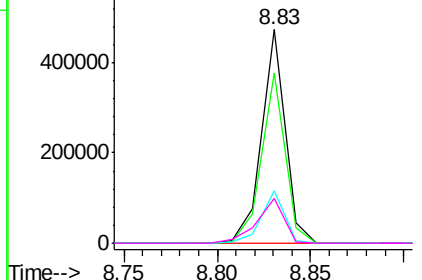
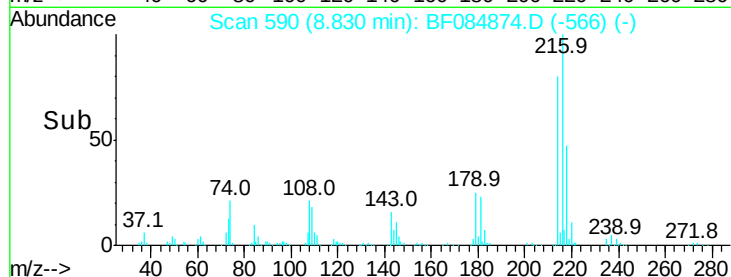


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.57 ng

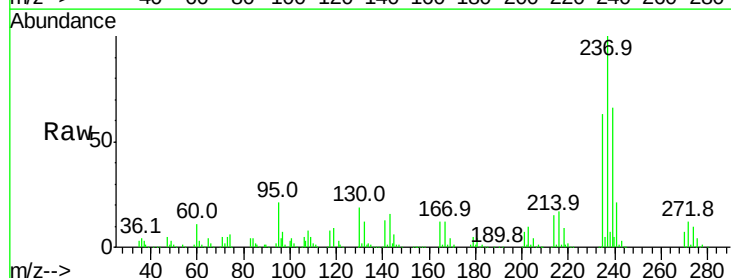
RT: 8.82 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

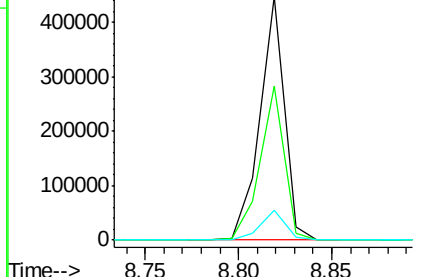
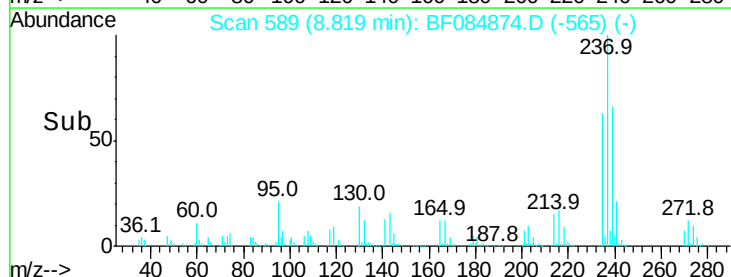
Tgt Ion:	237	Resp:	404260
Ion Ratio		Lower	Upper
237	100		
235	63.3	43.1	83.1
272	12.4	0.0	35.1

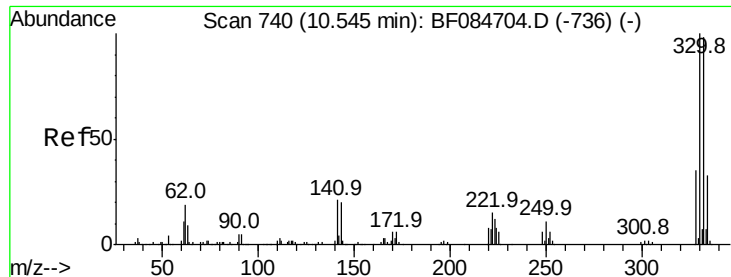


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





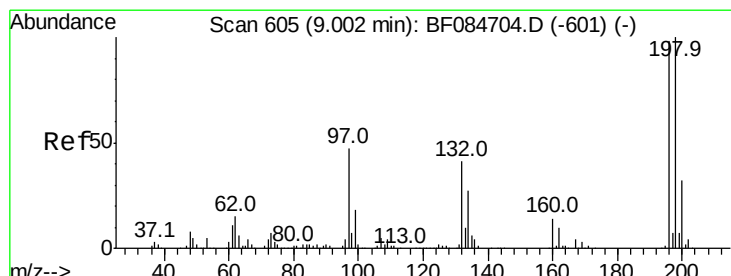
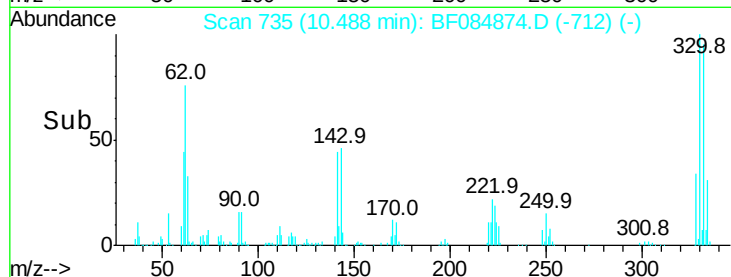
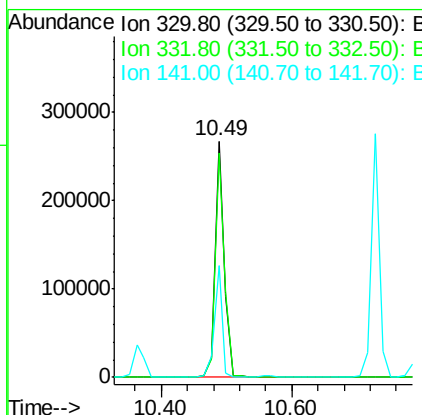
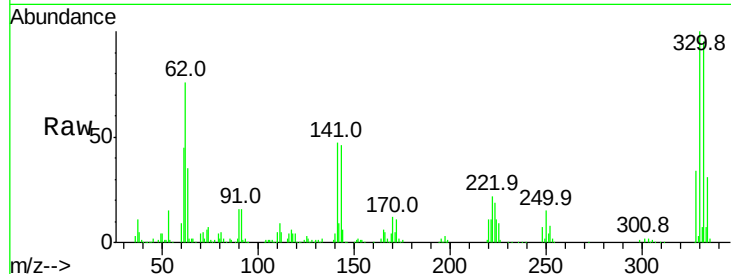
#41
 2,4,6-Tribromophenol
 Concen: 81.56 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	269689		
332	96.4		76.6	114.8
141	40.4		27.8	41.6

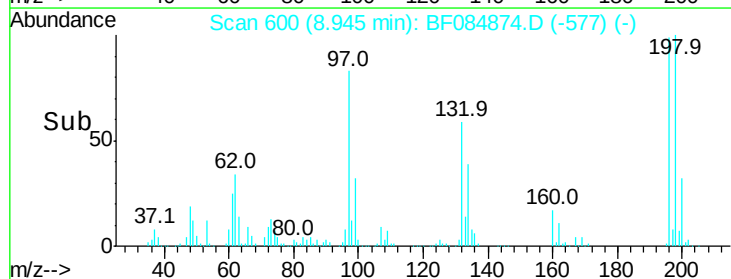
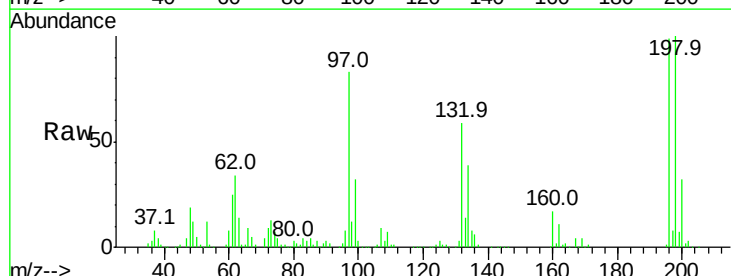
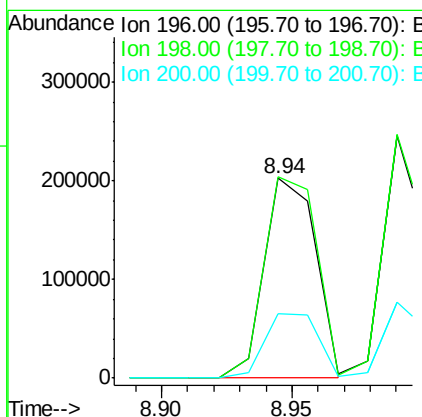
Manual Integrations
 APPROVED

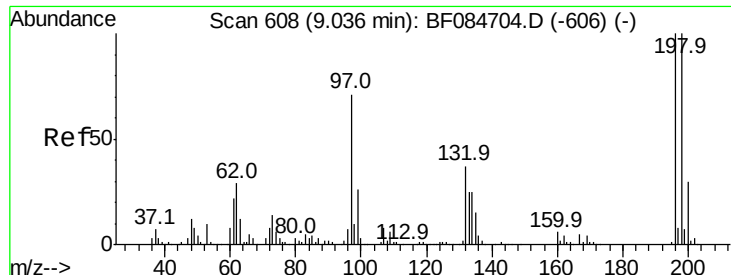
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#42
 2,4,6-Trichlorophenol
 Concen: 42.90 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278249		
198	100.6		77.7	116.5
200	32.0		24.6	37.0





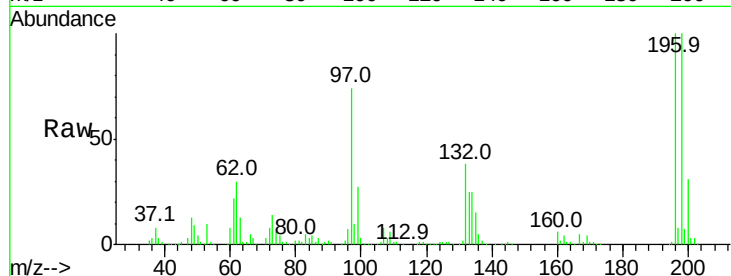
#43
 2,4,5-Trichlorophenol
 Concen: 42.83 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	282273		
198	100.2	79.0	118.6	
97	73.7	33.0	49.6	
132	38.0	21.1	31.7	

Manual Integrations
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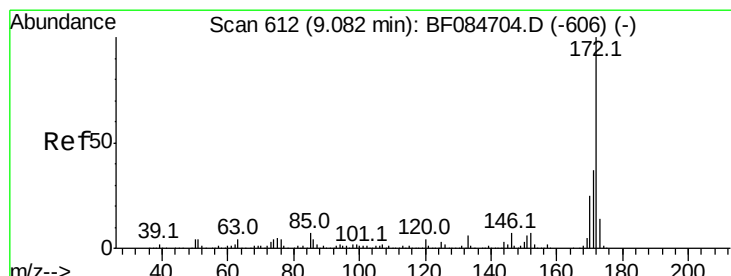
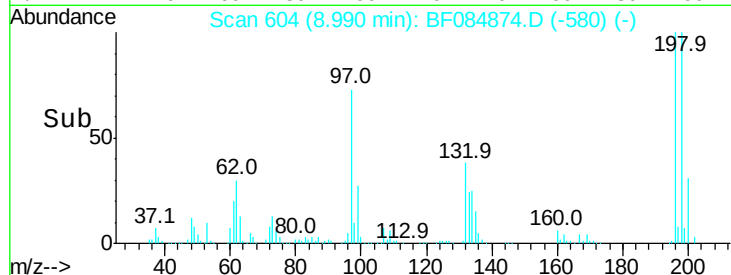
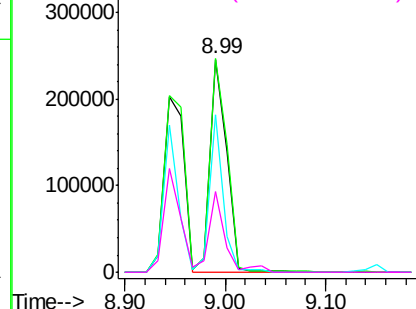
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

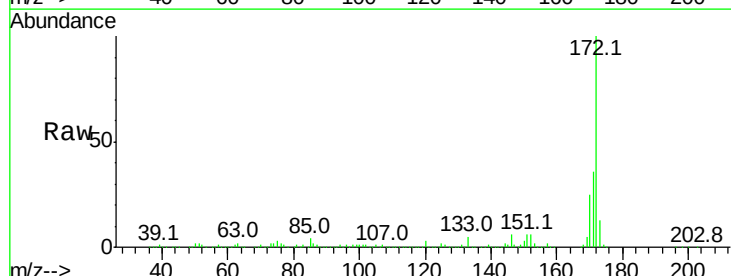
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 120.18 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1950266		
171	36.2	28.9	43.3	
170	24.5	18.6	27.8	

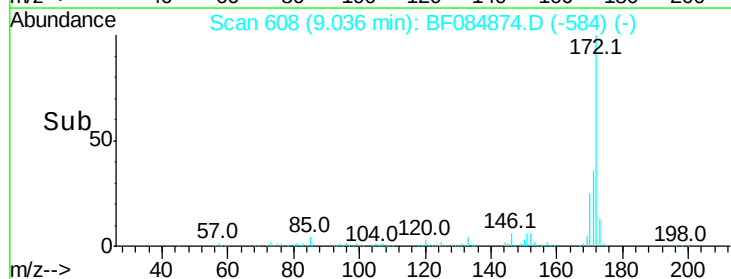
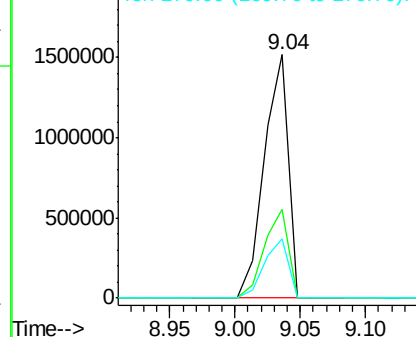


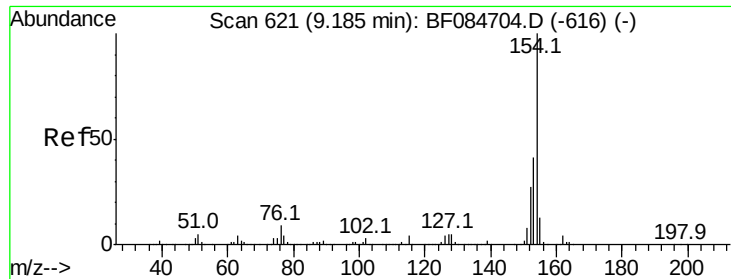
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





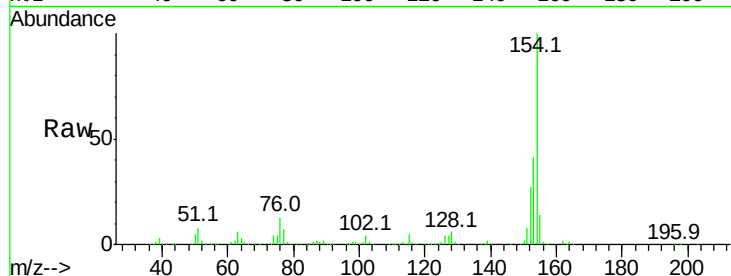
#45
 1,1'-Biphenyl
 Concen: 38.89 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

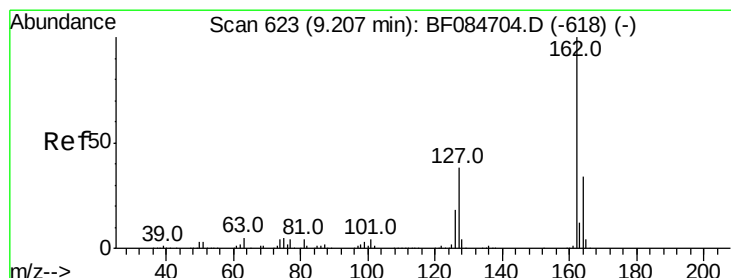
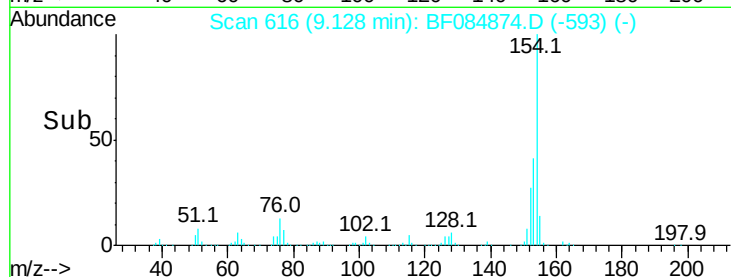
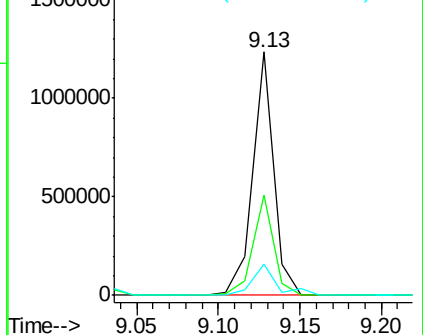
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.6	61.6
76	13.0	0.0	32.7

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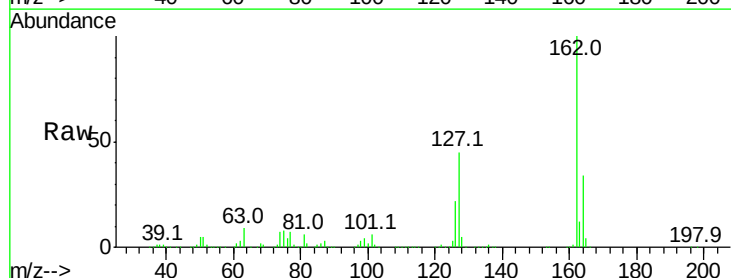


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

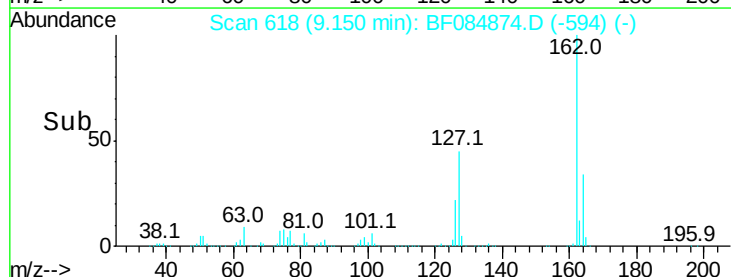
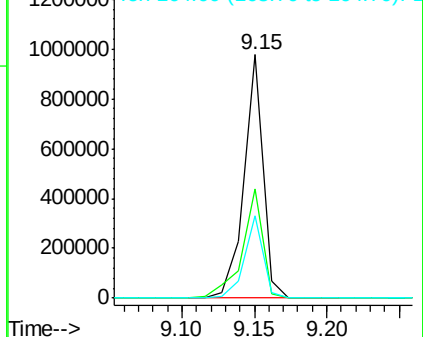


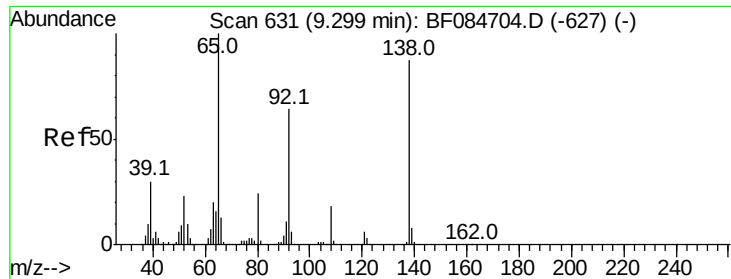
#46
 2-Chloronaphthalene
 Concen: 42.54 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.0	40.2	60.4
164	33.8	25.7	38.5



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





#47

2-Nitroaniline

Concen: 41.85 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

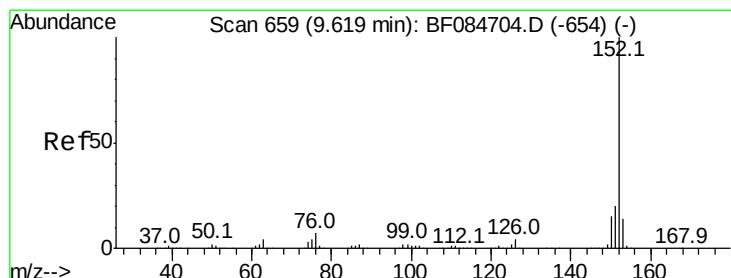
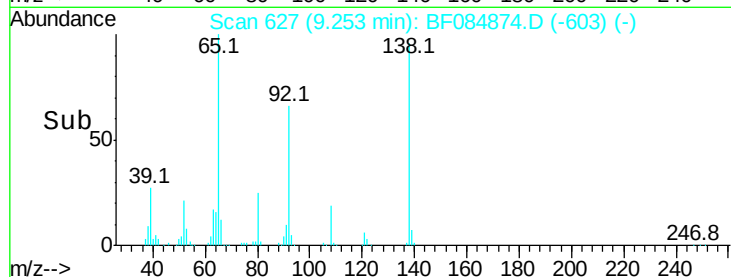
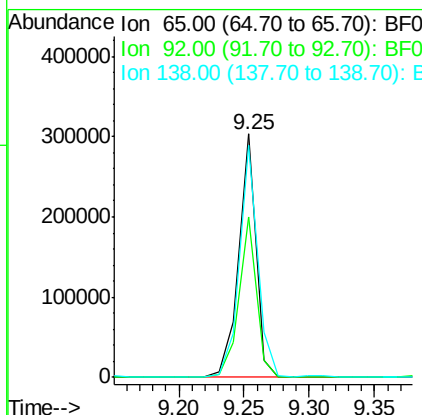
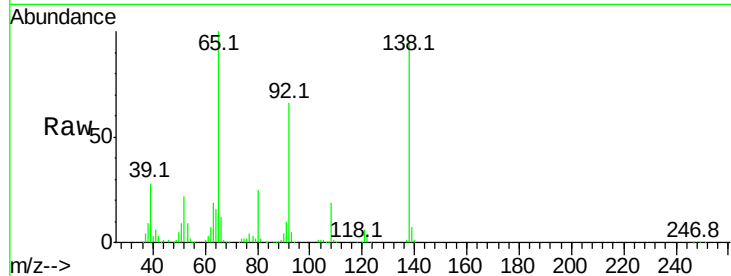
ClientSampleId :

PB88197BSD

Tot Ion:	65	Resp:	276308
Ion Ratio	Lower	Upper	
65	100		
92	65.7	53.4	80.2
138	95.4	71.1	106.7

Manual Integrations
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#48

Acenaphthylene

Concen: 39.43 ng

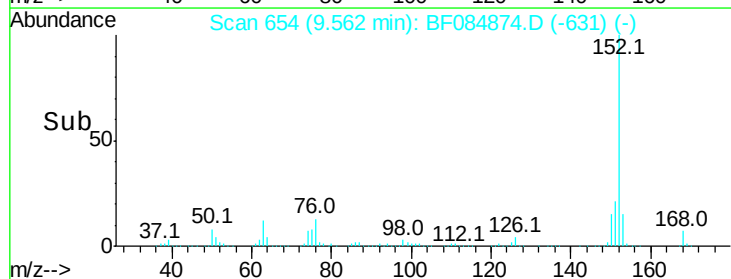
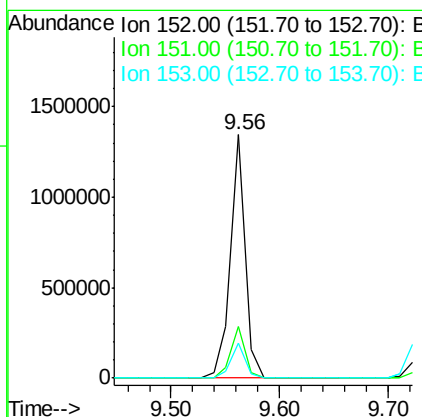
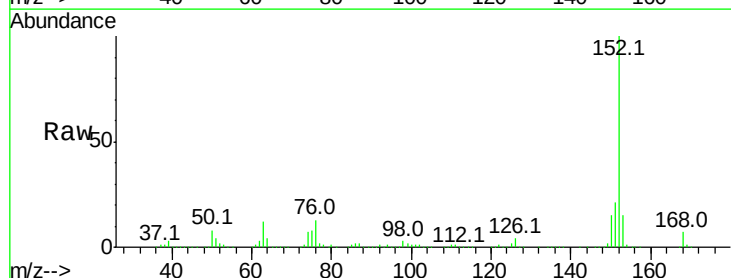
RT: 9.56 min Scan# 654

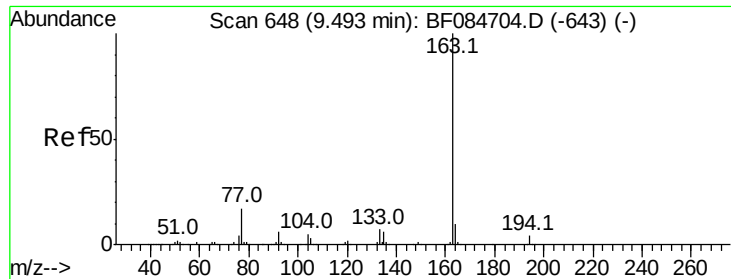
Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion:	152	Resp:	1247697
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	14.6	10.4	15.6





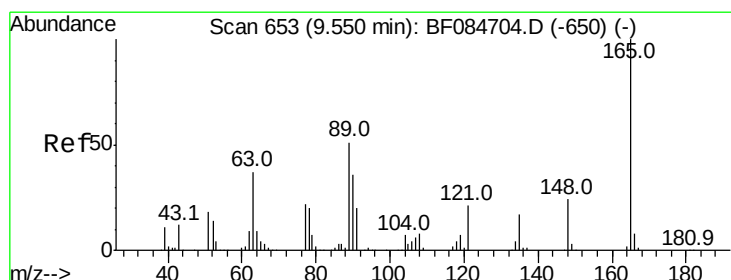
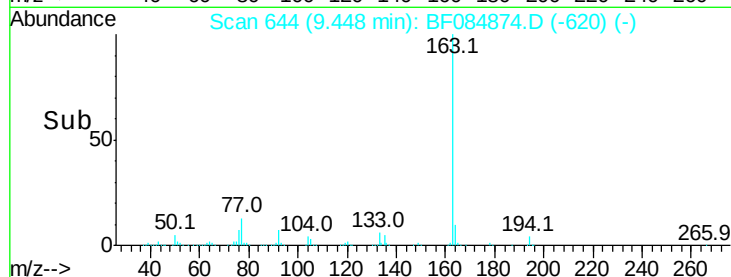
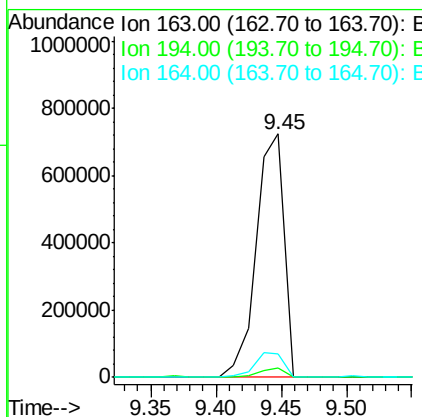
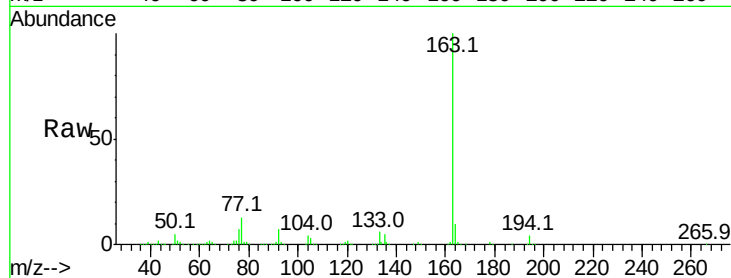
#49
Dimethylphthalate
Concen: 44.49 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.8	8.0	12.0

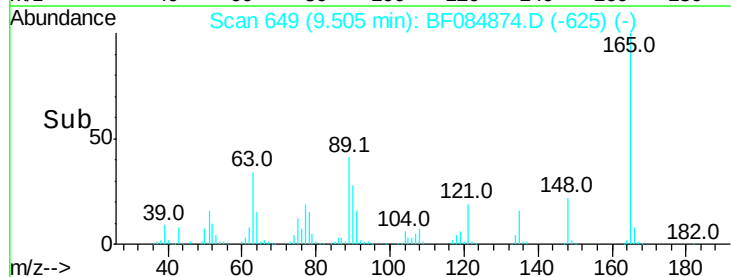
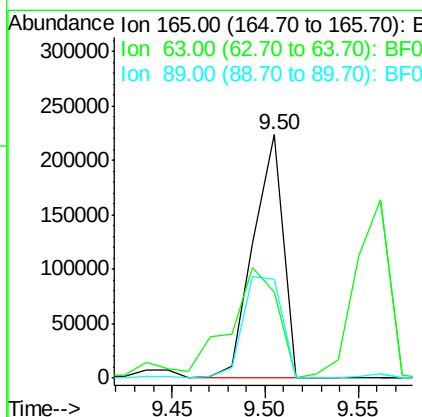
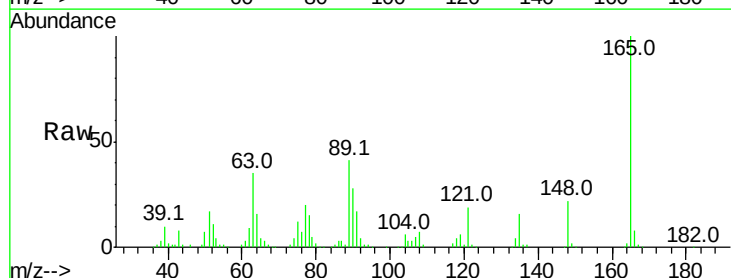
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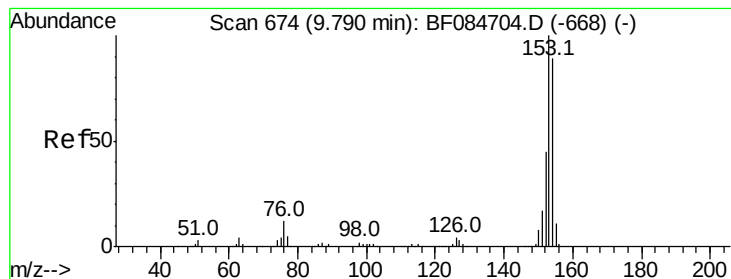
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#50
2,6-Dinitrotoluene
Concen: 47.02 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	28.8	43.2
89	40.5	35.1	52.7





#51

Acenaphthene

Concen: 39.59 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

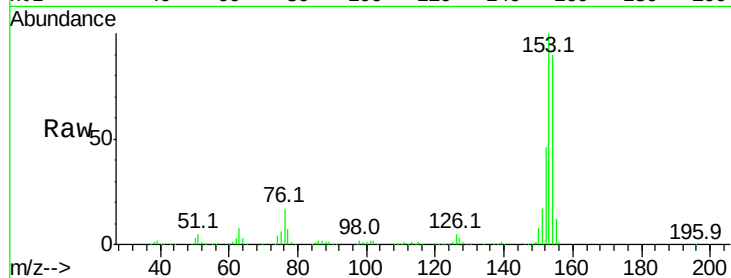
ClientSampleId :

PB88197BSD

Tot Ion:	154	Resp:	814981
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.5	137.3
152	51.4	43.0	64.6

Manual Integrations
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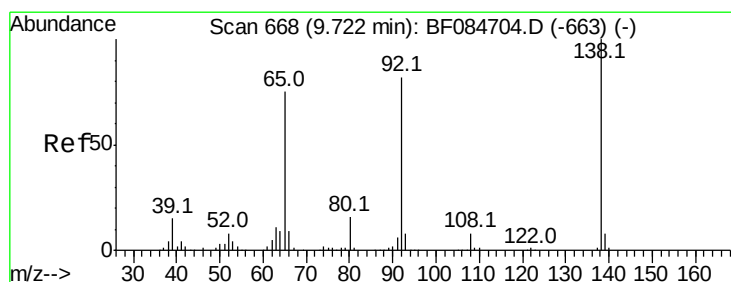
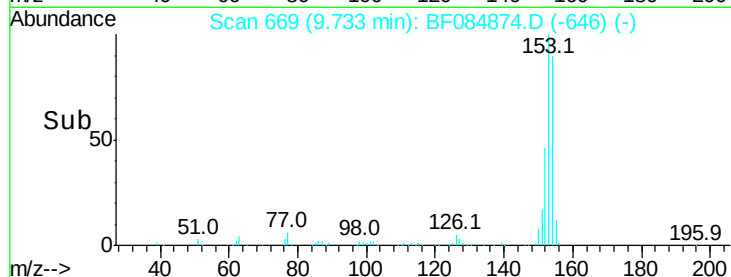
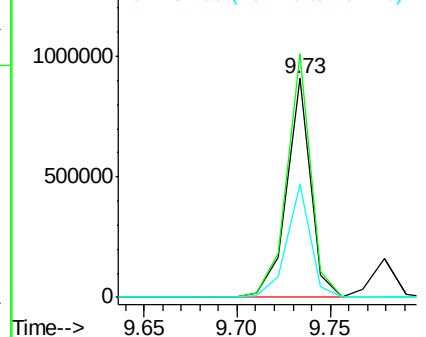
UMANGI
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.96 ng

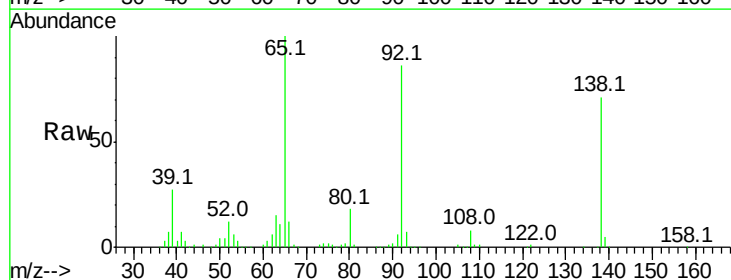
RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

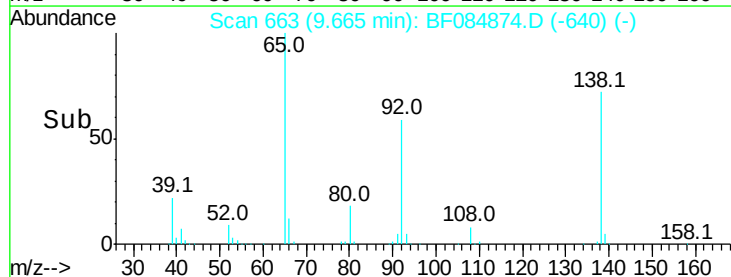
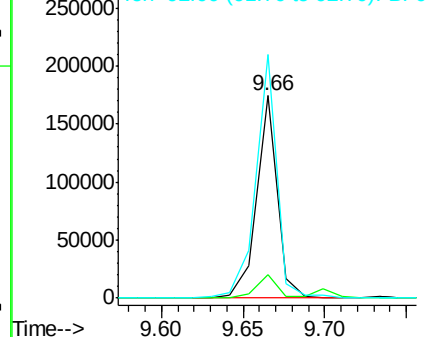
Tgt Ion:	138	Resp:	153839
Ion Ratio	Lower	Upper	
138	100		
108	11.3	10.5	15.7
92	120.4	103.9	155.9

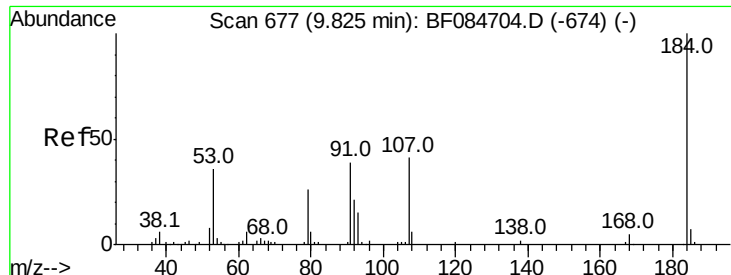


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





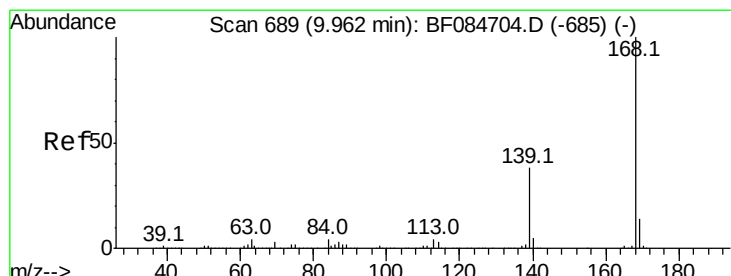
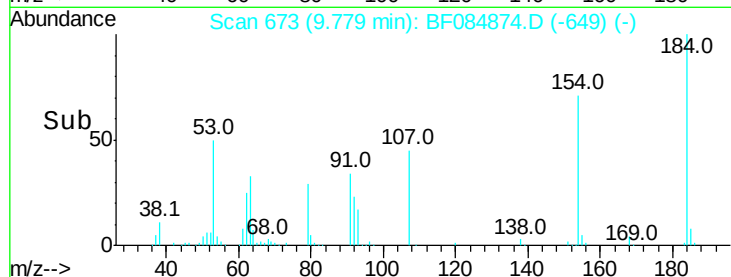
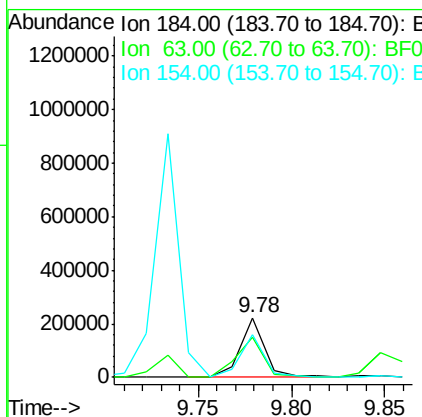
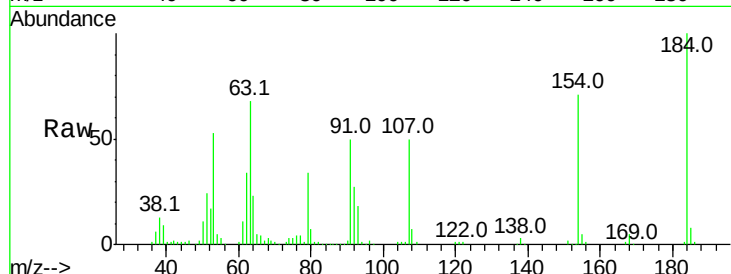
#53
 2,4-Dinitrophenol
 Concen: 84.65 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	206951		
63	68.2	43.1	64.7#	
154	71.1	60.5	90.7	

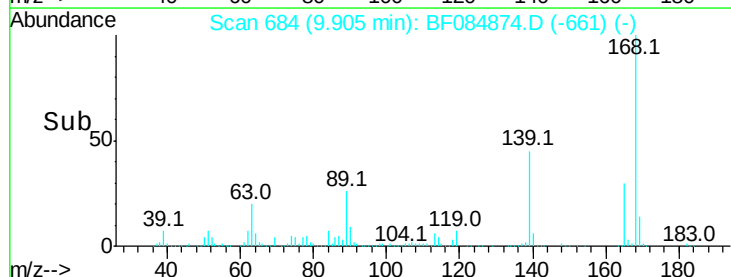
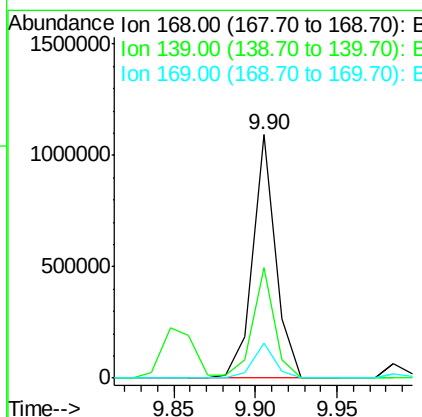
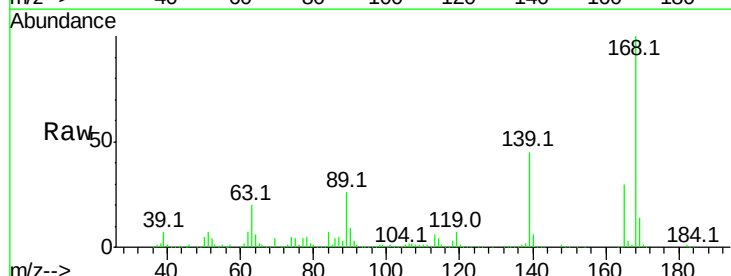
Manual Integrations
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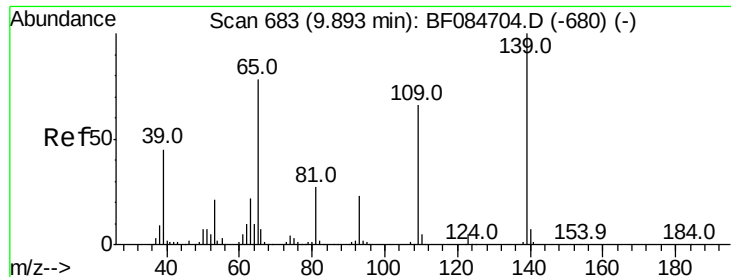
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#54
 Dibenzofuran
 Concen: 42.61 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1072123		
139	45.1	30.5	45.7	
169	14.3	10.4	15.6	





#55

4-Nitrophenol

Concen: 71.73 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

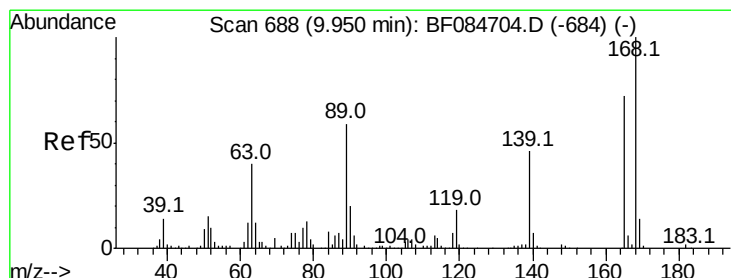
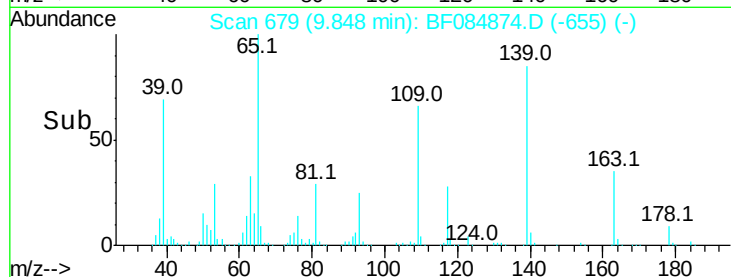
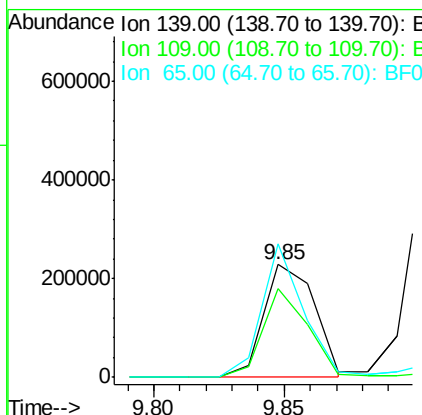
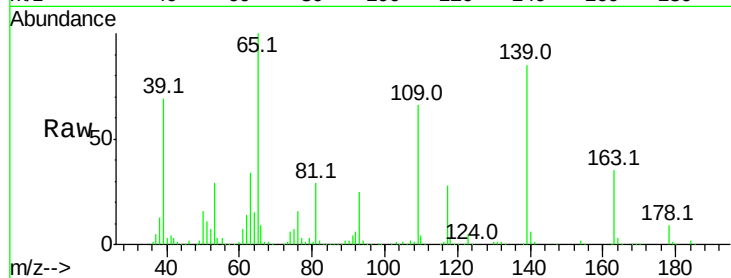
ClientSampleId :

PB88197BSD

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Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.3	58.5	98.5	
65	118.1	57.6	97.6	



#56

2,4-Dinitrotoluene

Concen: 44.24 ng

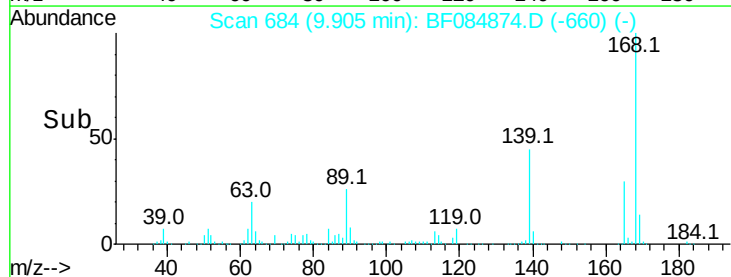
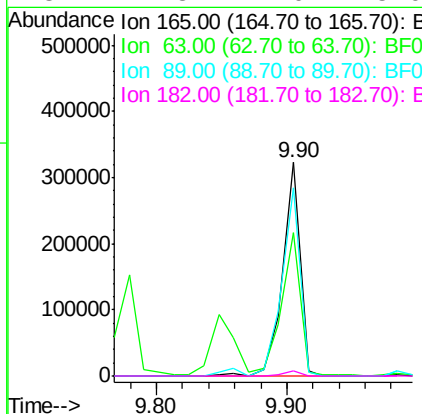
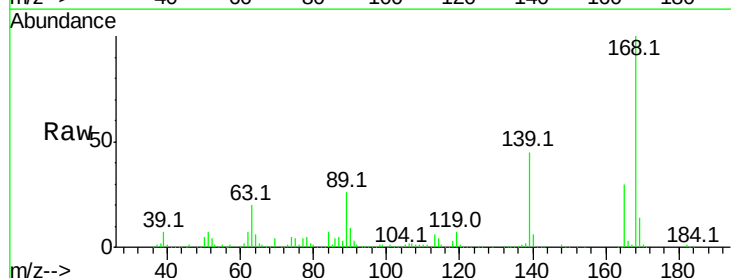
RT: 9.90 min Scan# 684

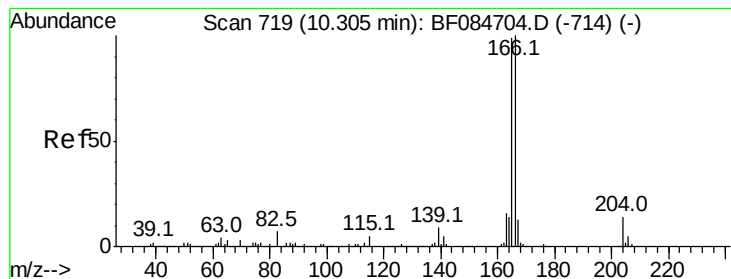
Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.1	36.7	55.1	
89	87.8	61.9	92.9	
182	2.3	2.0	3.0	





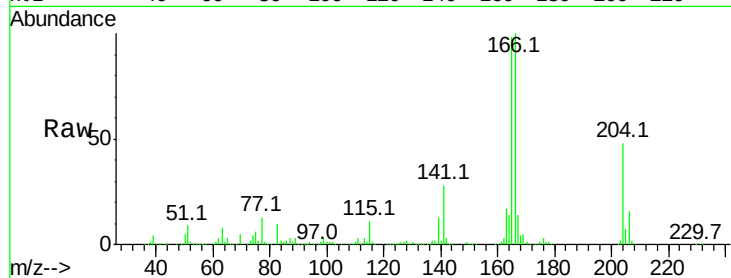
#57
 Fluorene
 Concen: 42.39 ng
 RT: 10.25 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.9	79.1	118.7	
167	13.9	10.4	15.6	

Manual Integrations
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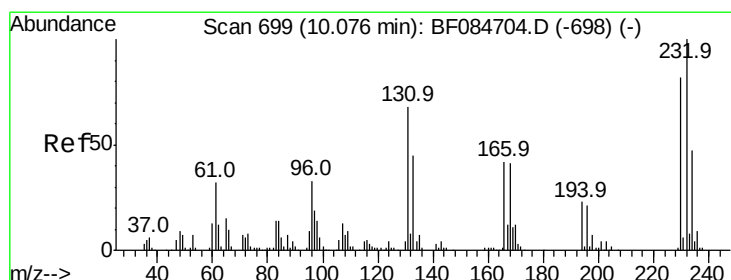
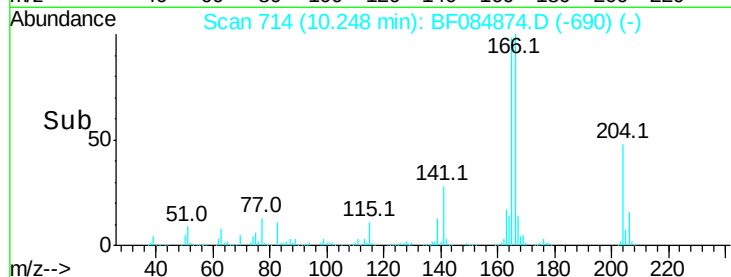
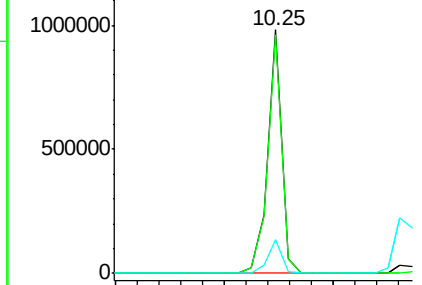


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.44 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.6	47.0	70.6	
130	2.5	2.0	3.0	
166	33.0	30.5	45.7	

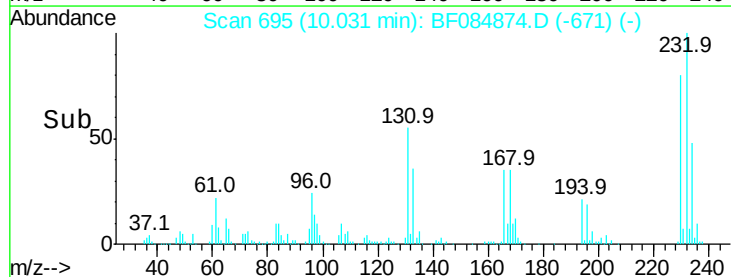
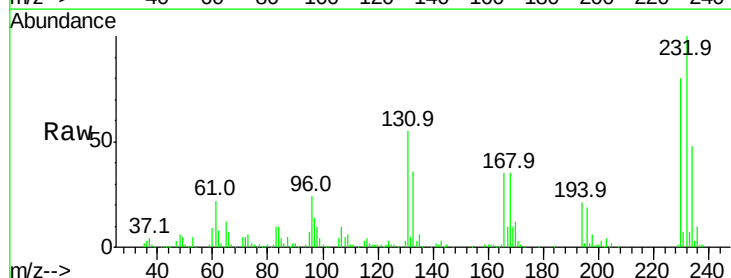
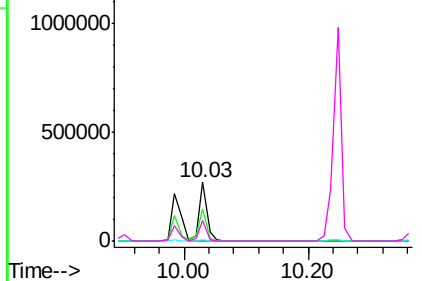
Abundance

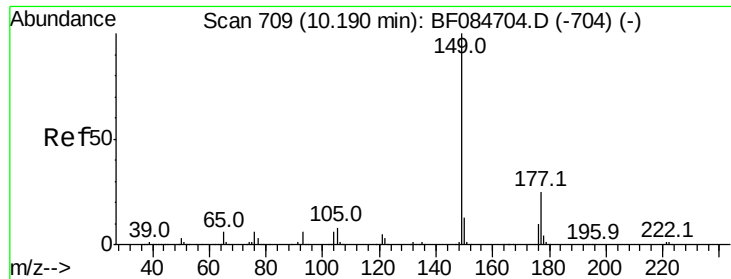
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





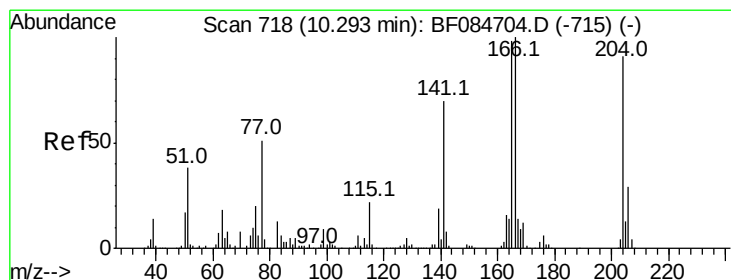
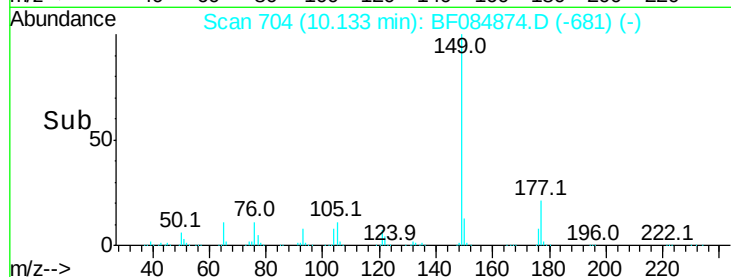
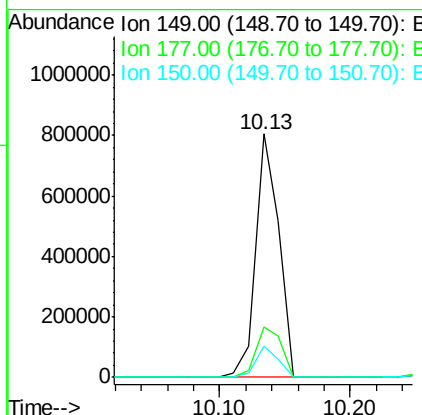
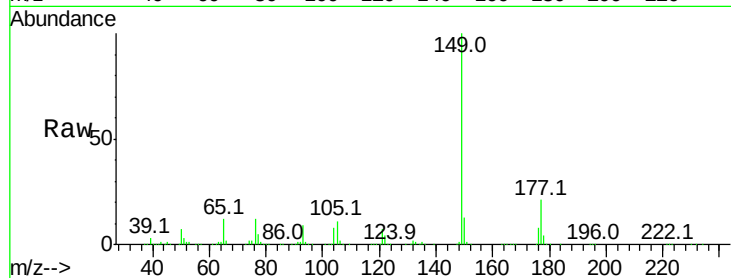
#59
Diethylphthalate
Concen: 42.07 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	991905		
177	20.9	17.3	25.9	
150	13.0	9.8	14.8	

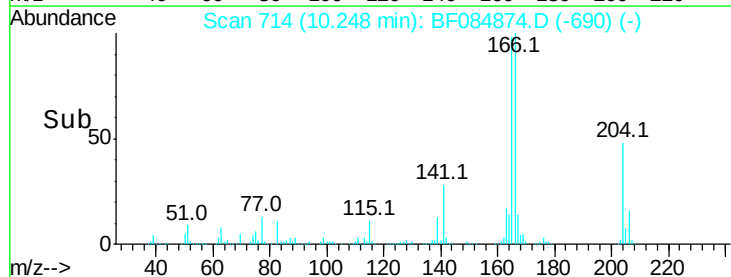
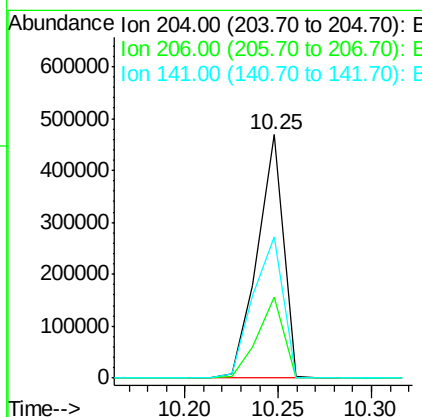
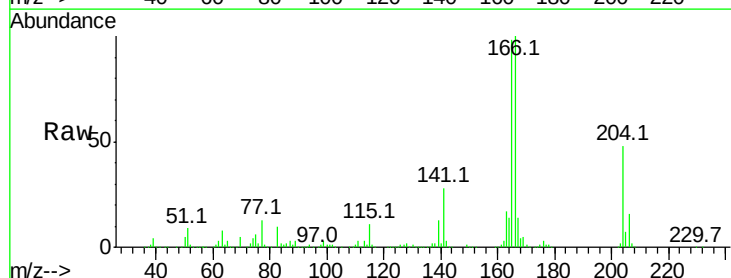
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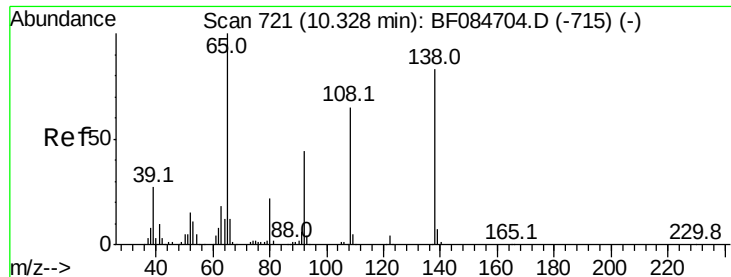
UMANGI
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#60
4-Chlorophenyl-phenylether
Concen: 52.43 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	452213		
206	33.5	25.7	38.5	
141	57.8	55.1	82.7	





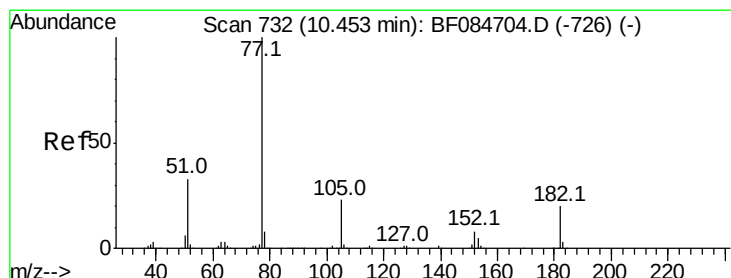
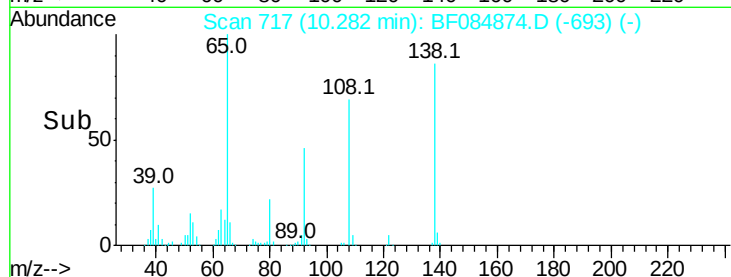
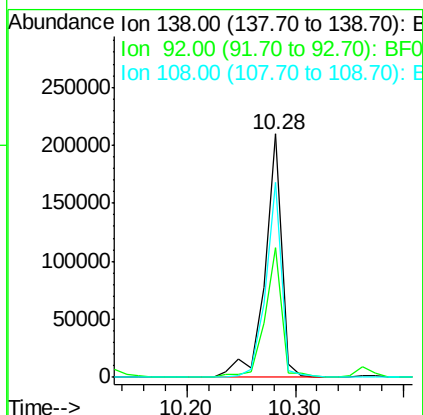
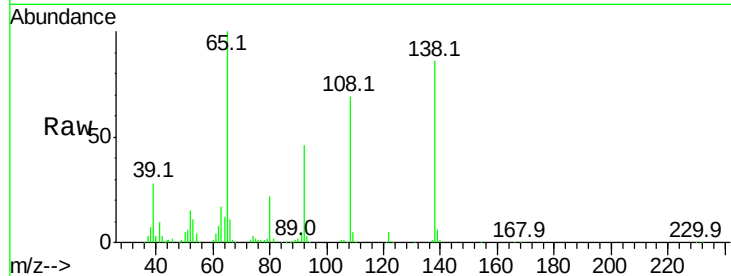
#61
4-Nitroaniline
Concen: 39.40 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	32.6	72.6
108	80.1	68.6	108.6

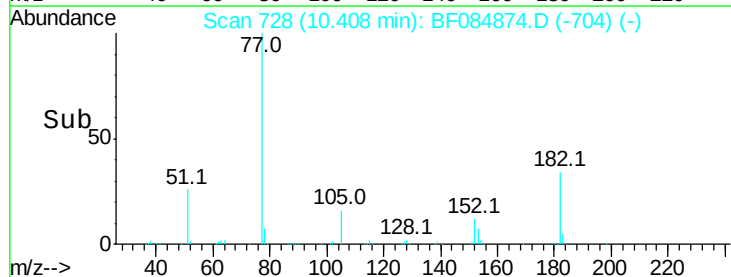
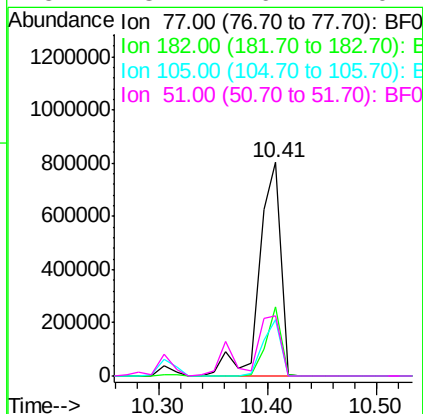
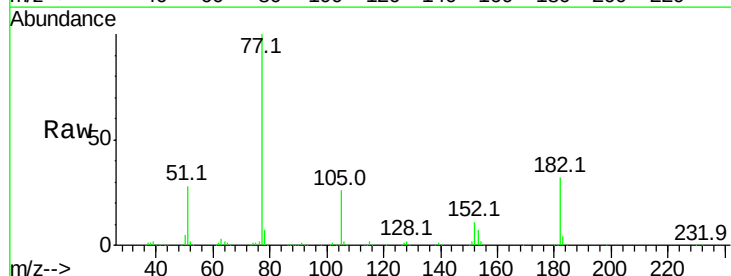
Manual Integrations
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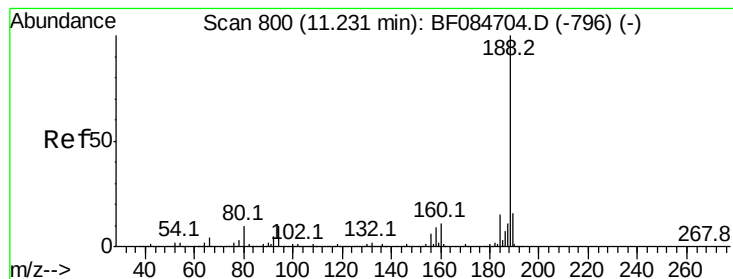
UMANGI
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#62
Azobenzene
Concen: 48.88 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.3	8.3	48.3
105	26.4	4.6	44.6
51	28.2	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

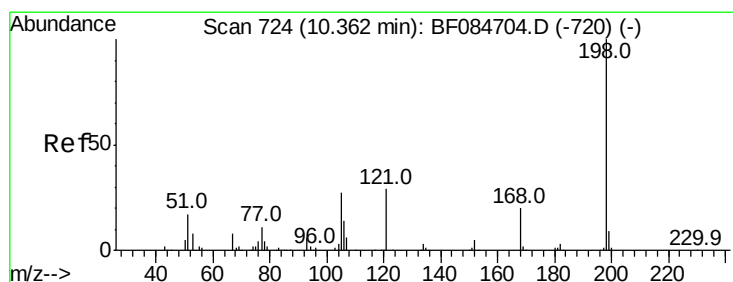
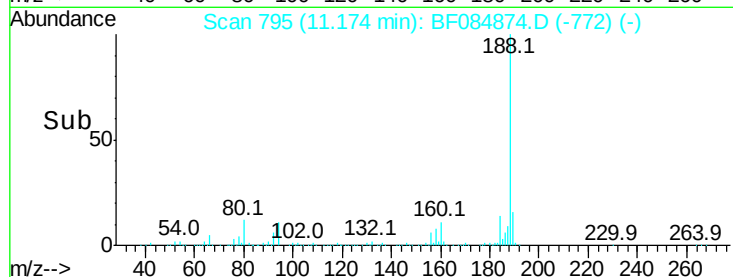
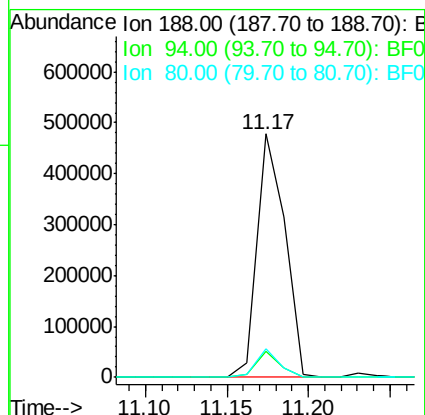
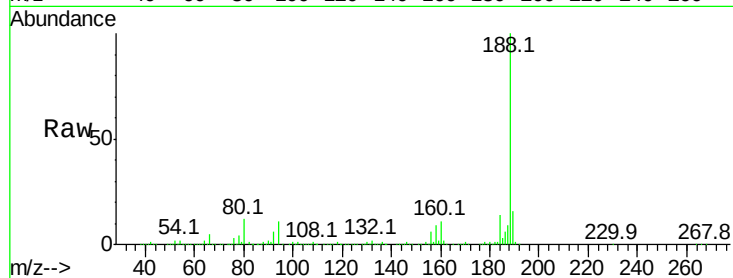
ClientSampleId :

PB88197BSD

Tot Ion:	188	Resp:	568660
Ion Ratio	Lower	Upper	
188	100		
94	10.9	9.0	13.4
80	11.9	9.6	14.4

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 46.15 ng

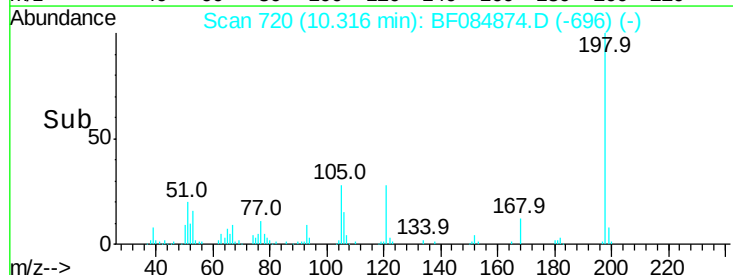
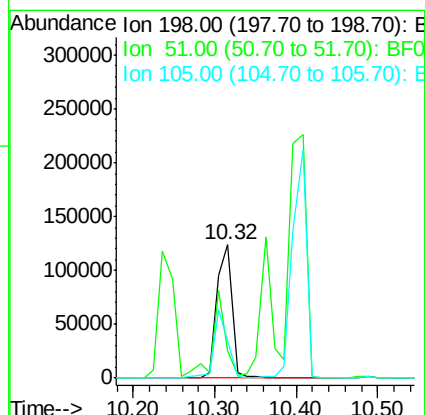
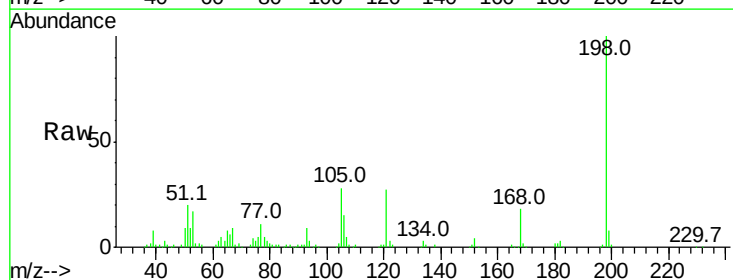
RT: 10.32 min Scan# 720

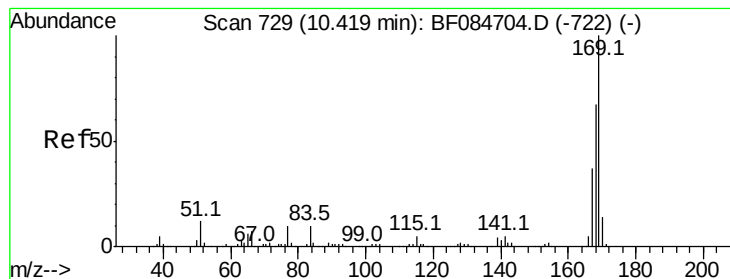
Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion:	198	Resp:	161981
Ion Ratio	Lower	Upper	
198	100		
51	20.3	18.9	58.9
105	27.7	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 44.26 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

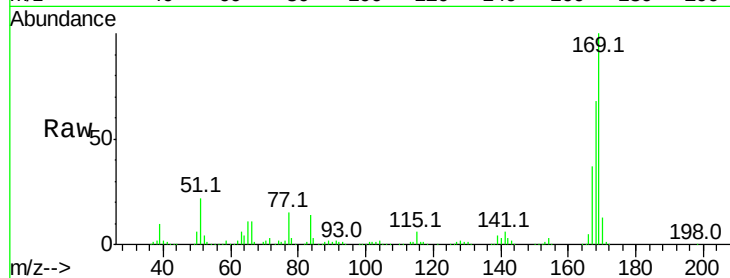
ClientSampleId :

PB88197BSD

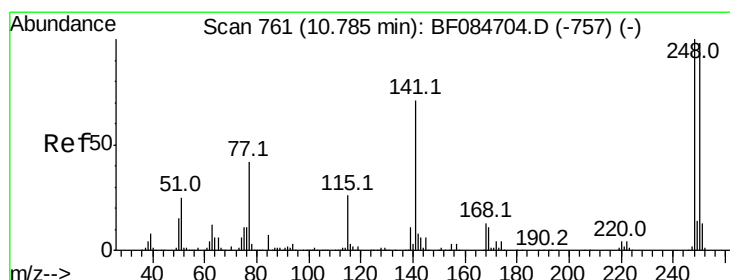
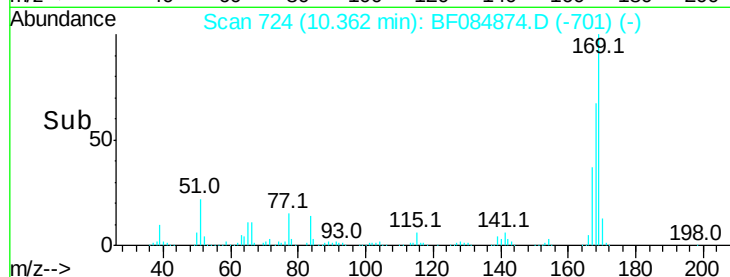
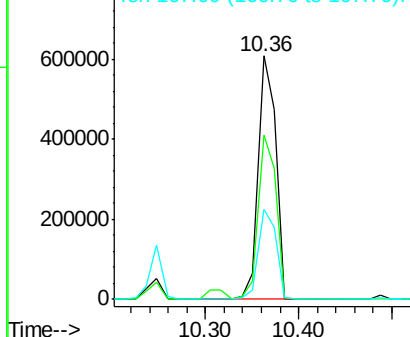
Tot Ion:	169	Resp:	799233
Ion Ratio	Lower	Upper	
169	100		
168	67.5	55.1	82.7
167	36.9	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 43.29 ng

RT: 10.73 min Scan# 756

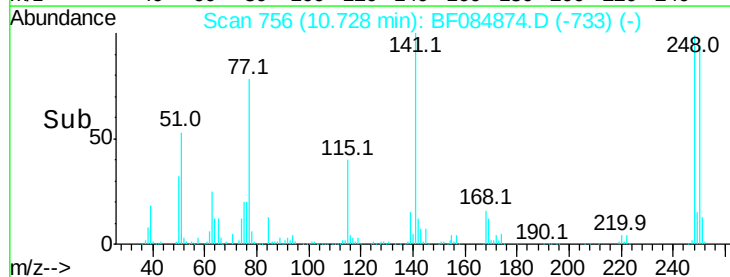
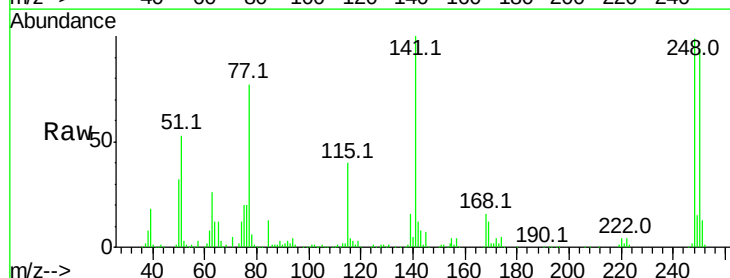
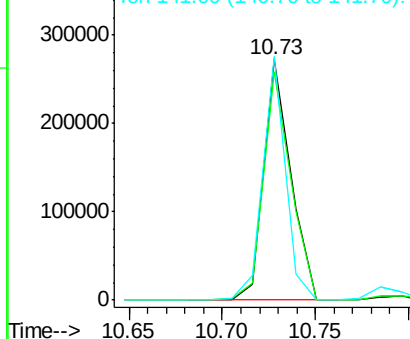
Delta R.T. -0.03 min

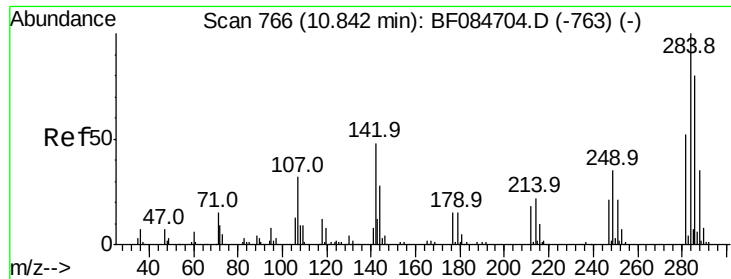
Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion:	248	Resp:	271883
Ion Ratio	Lower	Upper	
248	100		
250	94.8	78.4	117.6
141	101.3	44.0	66.0#

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





#67

Hexachlorobenzene

Concen: 47.20 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

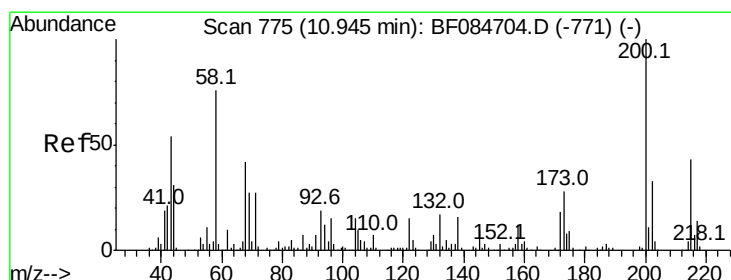
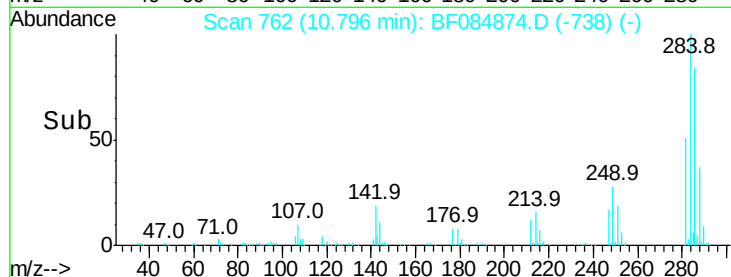
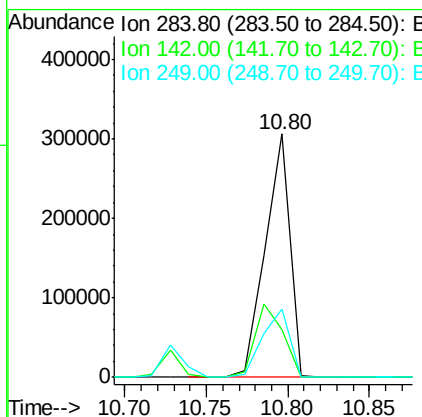
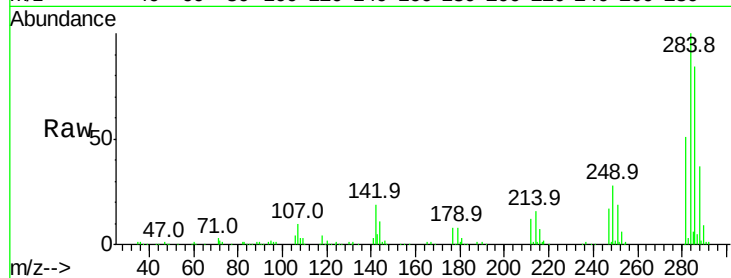
ClientSampleId :

PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	19.4	22.2	33.4#	
249	28.3	24.6	37.0	

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#68

Atrazine

Concen: 42.84 ng

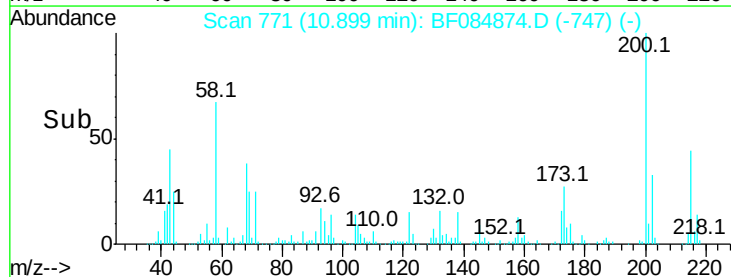
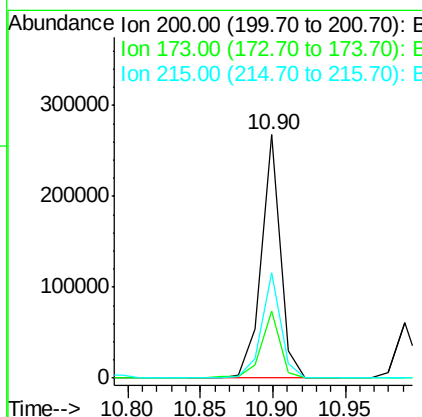
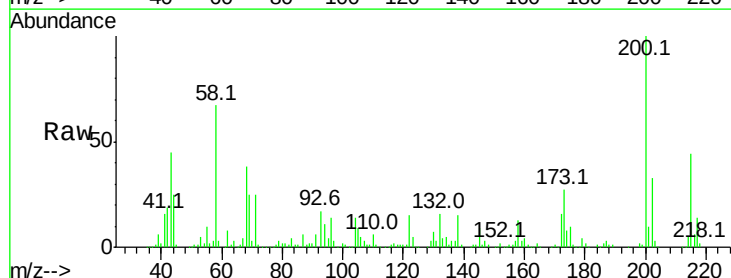
RT: 10.90 min Scan# 771

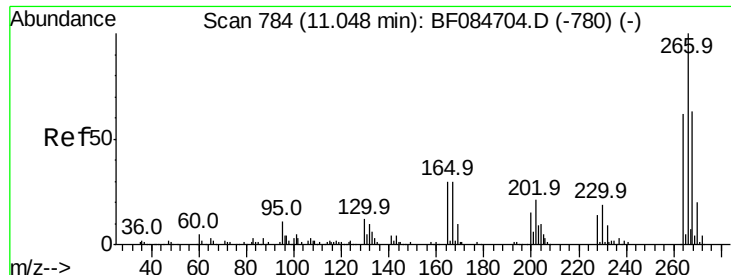
Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	9.5	49.5	
215	43.5	23.8	63.8	





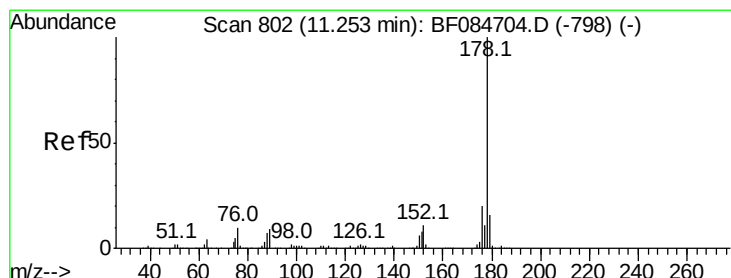
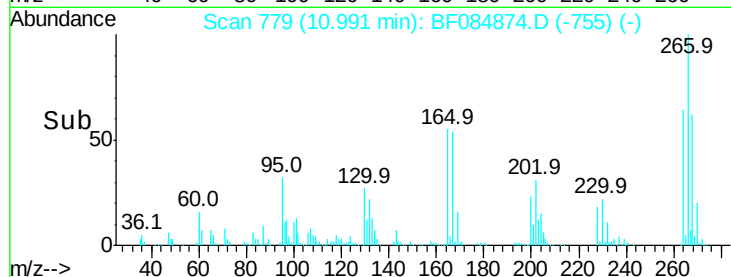
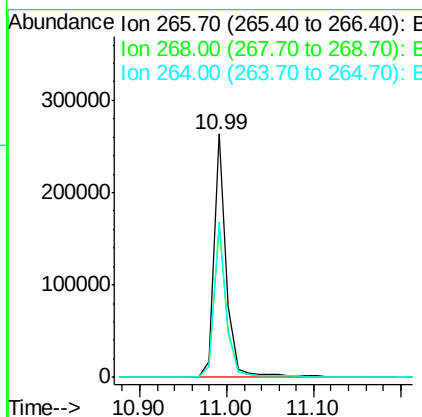
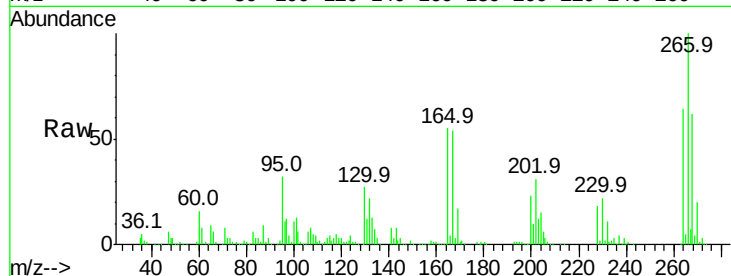
#69
 Pentachlorophenol
 Concen: 82.80 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	266303		
268	62.0		52.4	78.6
264	63.7		50.2	75.2

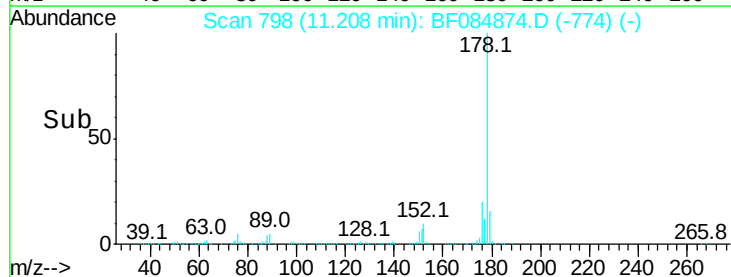
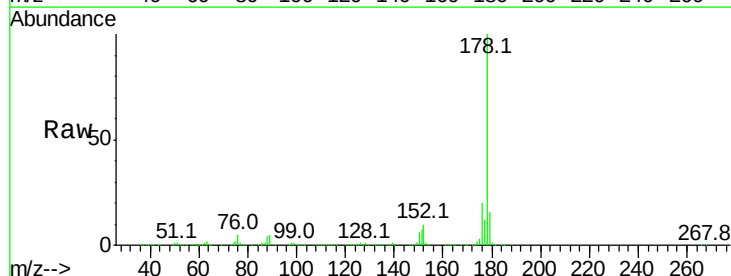
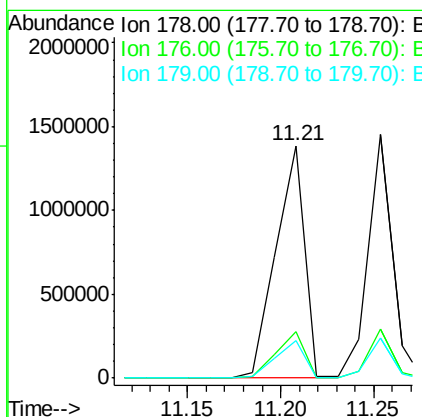
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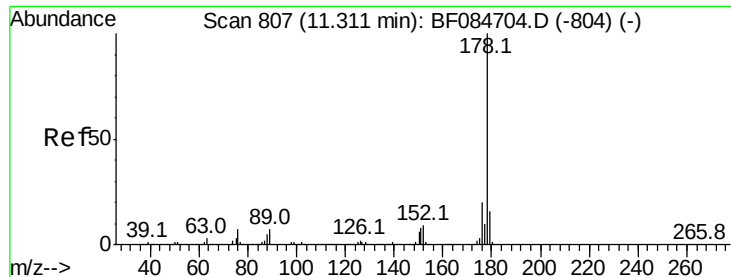
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#70
 Phenanthrene
 Concen: 47.06 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1484184		
176	20.2		15.3	22.9
179	16.1		12.0	18.0





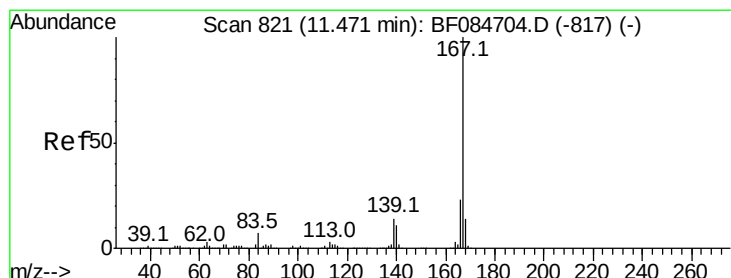
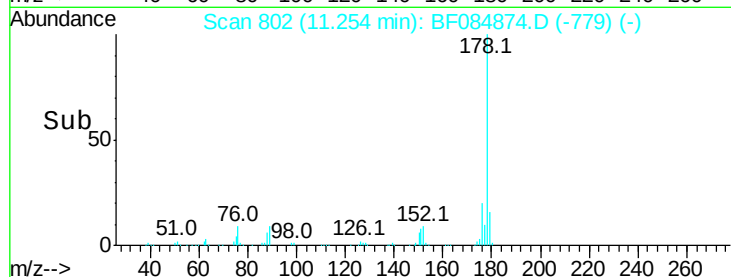
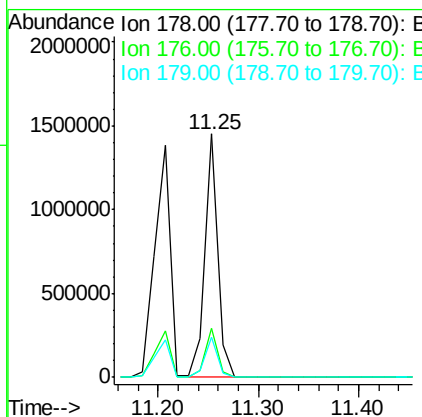
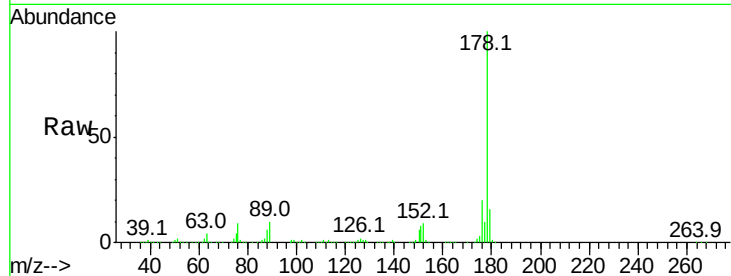
#71
 Anthracene
 Concen: 40.75 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.5	12.5	18.7

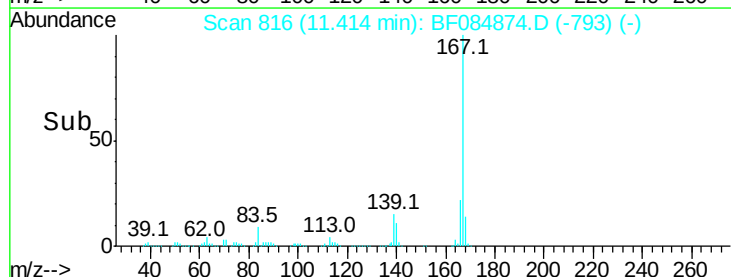
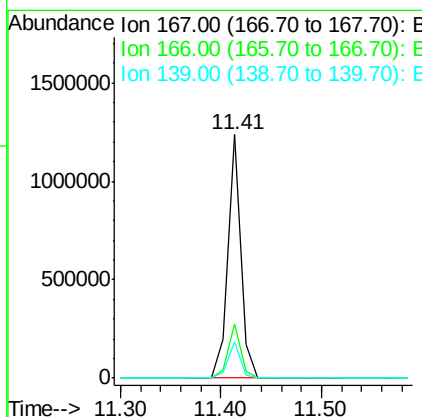
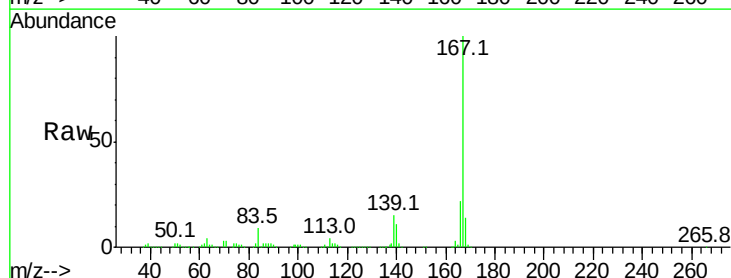
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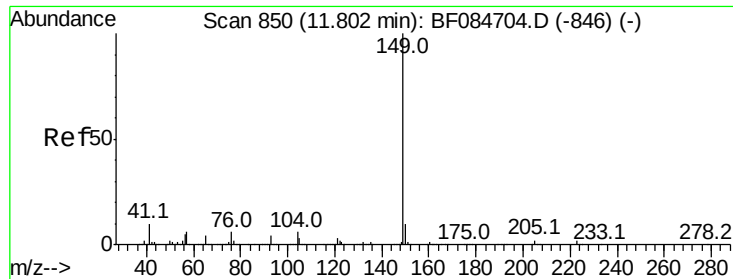
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#72
 Carbazole
 Concen: 40.14 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	15.0	11.8	17.8





#73

Di-n-butylphthalate

Concen: 44.75 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

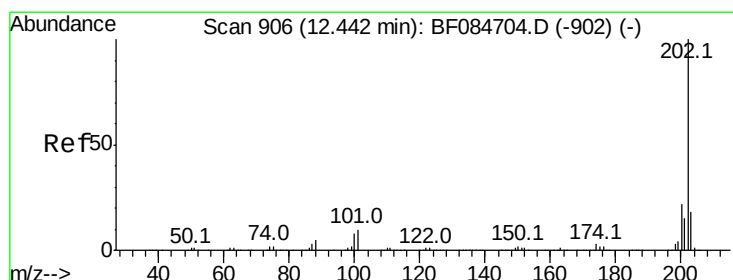
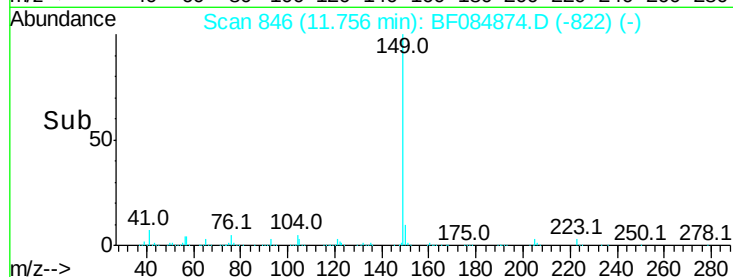
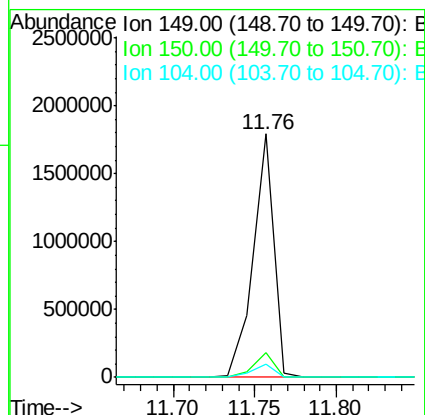
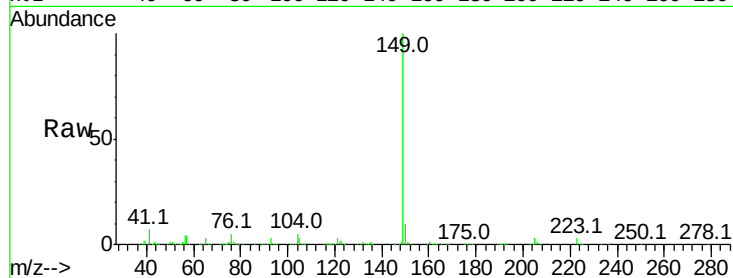
ClientSampleId :

PB88197BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.1	10.7
104	5.4	3.2	4.8

Manual Integrations
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#74

Fluoranthene

Concen: 42.84 ng

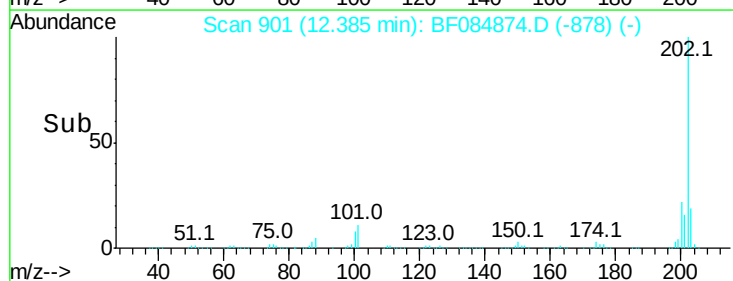
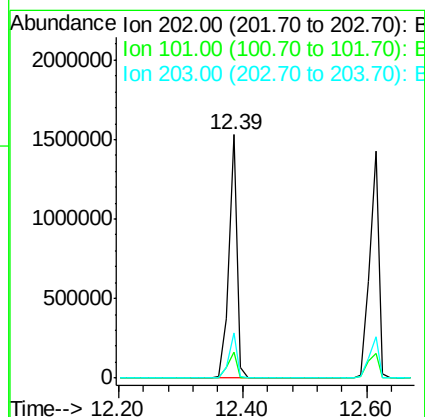
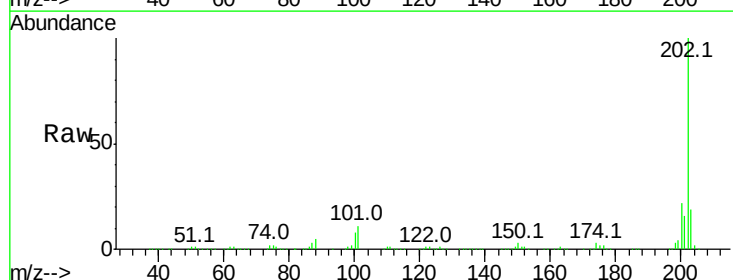
RT: 12.39 min Scan# 901

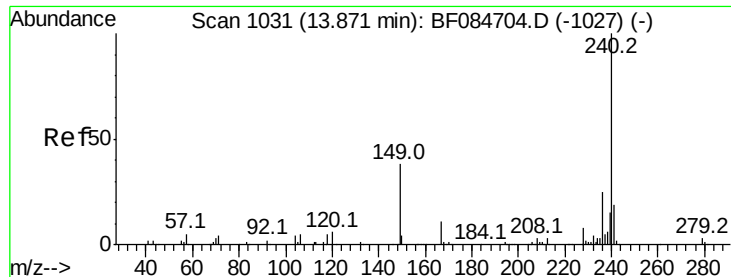
Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.8
203	18.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

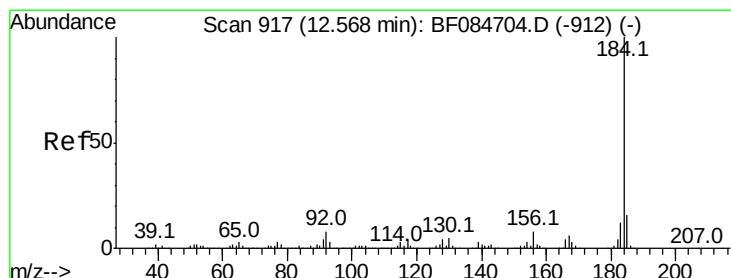
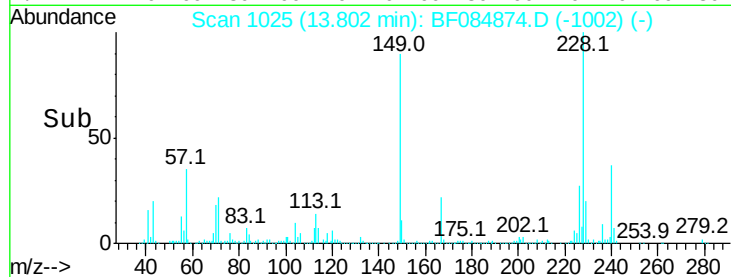
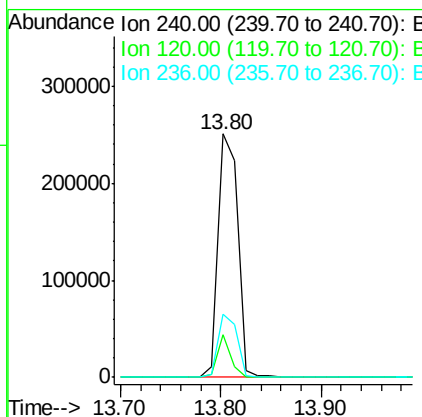
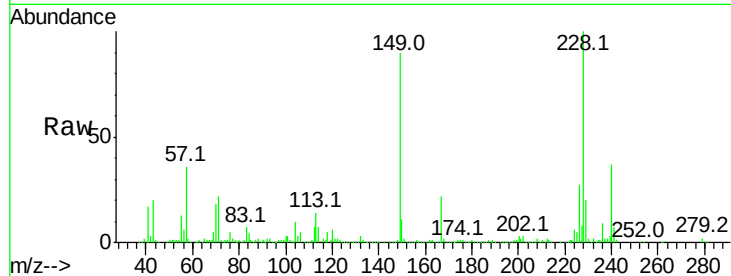
ClientSampleId :

PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	17.6	9.5	14.3#	
236	25.9	20.6	31.0	

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#76

Benzidine

Concen: 42.76 ng

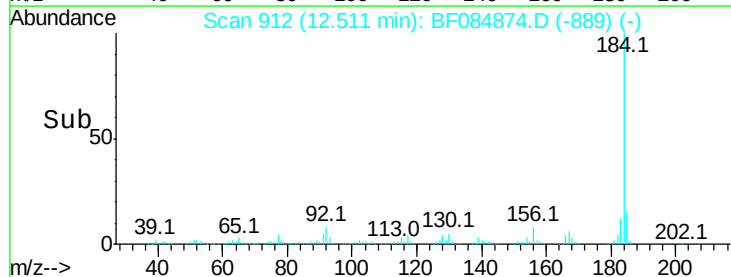
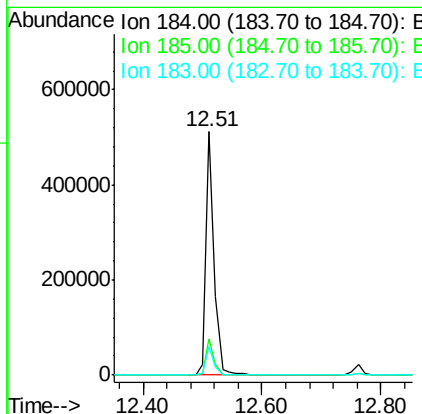
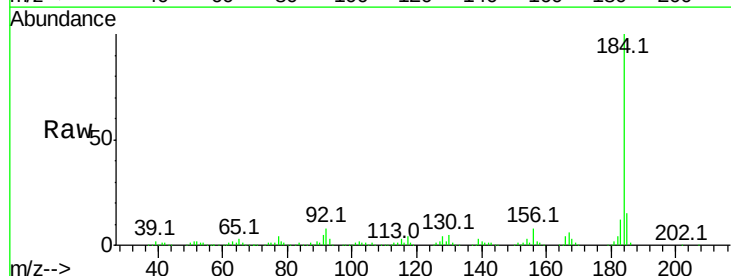
RT: 12.51 min Scan# 912

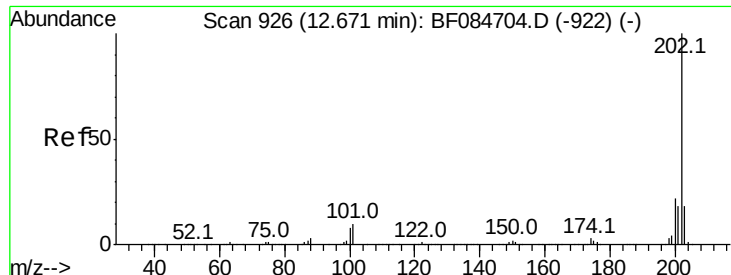
Delta R.T. -0.03 min

Lab File: BF084874.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	12.2	18.2	
183	11.8	9.8	14.8	





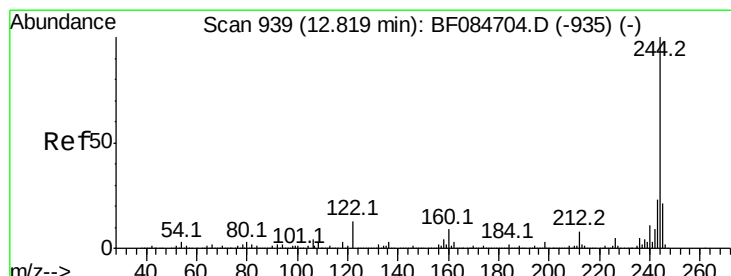
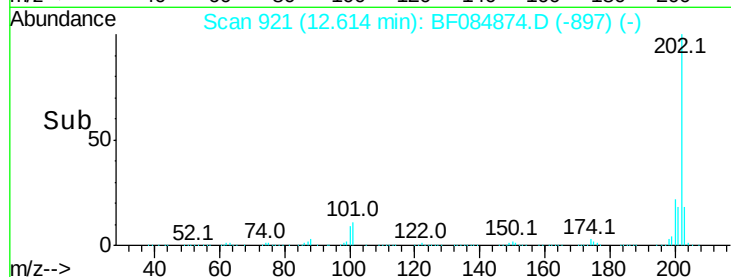
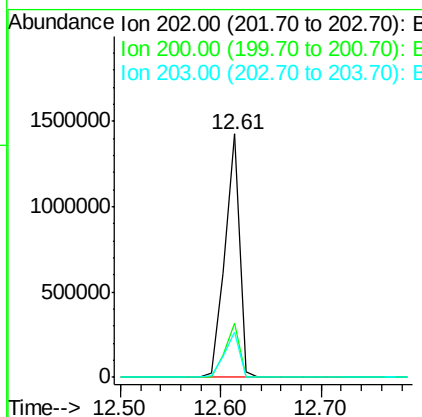
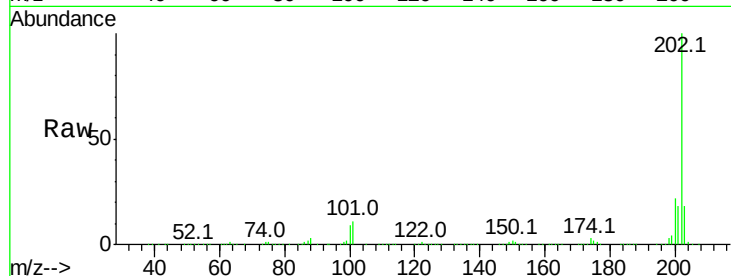
#77
Pvrene
Concen: 55.19 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.2	25.8
203	18.4	14.3	21.5

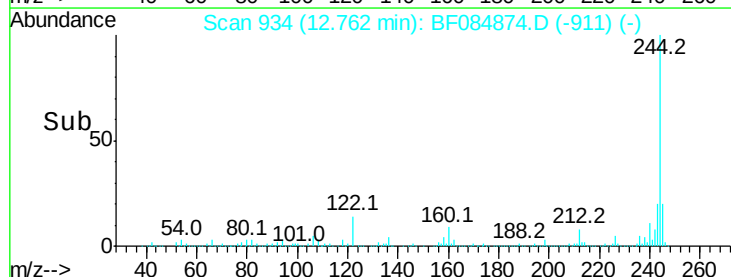
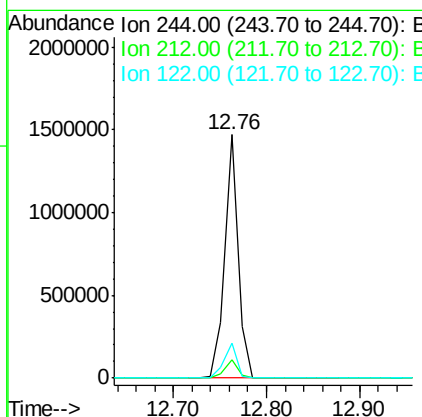
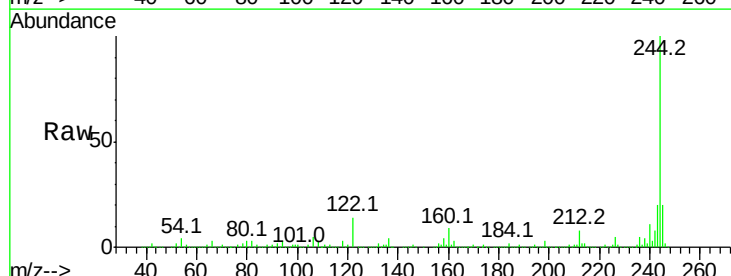
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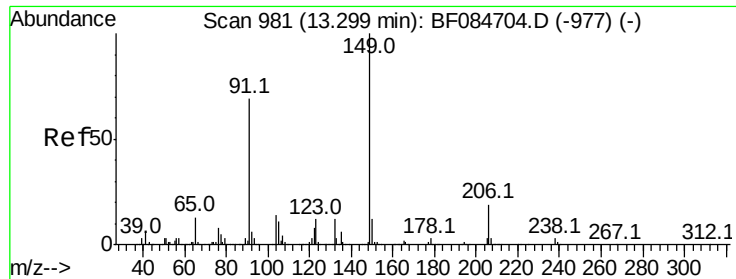
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#78
Terphenyl-d14
Concen: 97.70 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.2	7.4	11.0#





#79

Butylbenzylphthalate

Concen: 50.50 ng

RT: 13.24 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

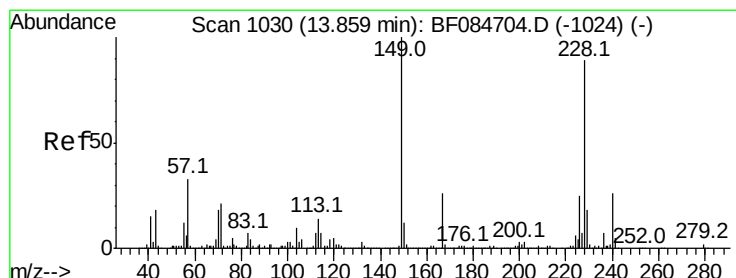
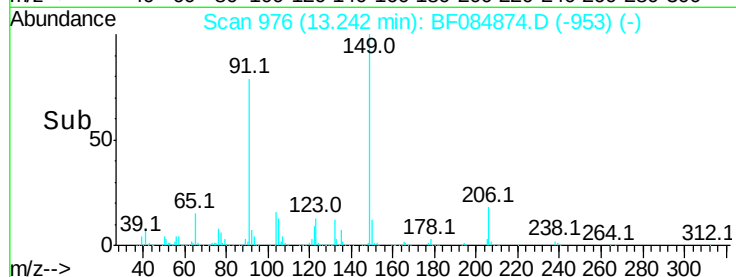
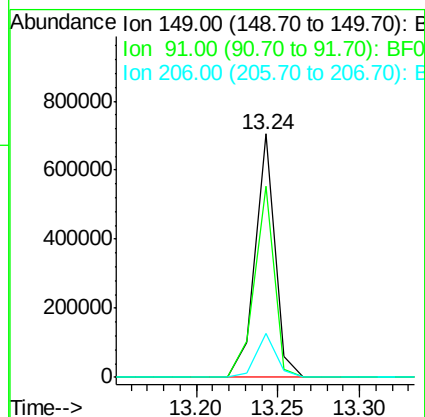
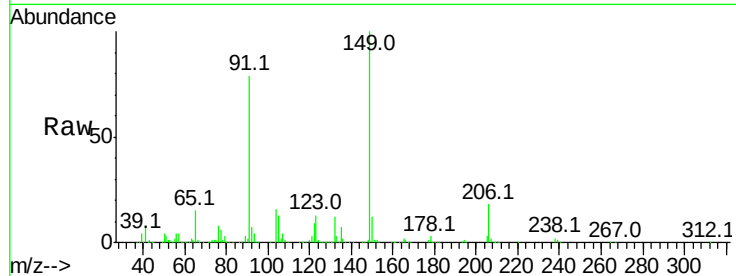
ClientSampleId :

PB88197BSD

Tot Ion:	149	Resp:	596893
Ion Ratio	Lower	Upper	
149	100		
91	78.6	57.6	86.4
206	17.9	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 48.87 ng

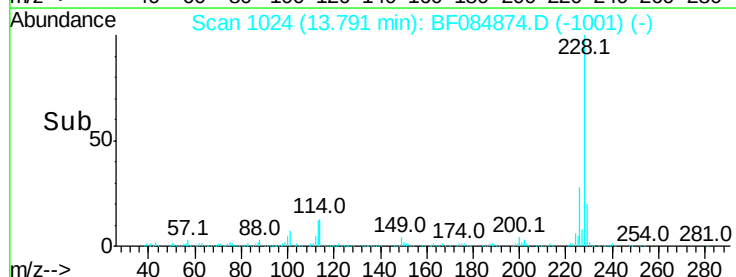
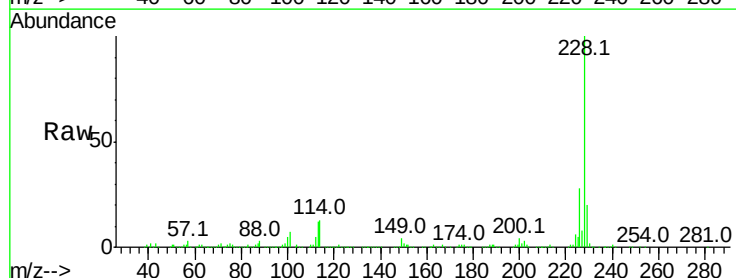
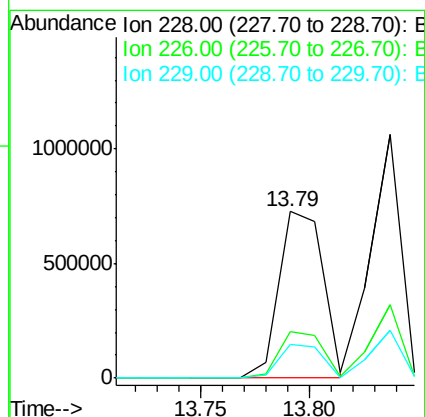
RT: 13.79 min Scan# 1024

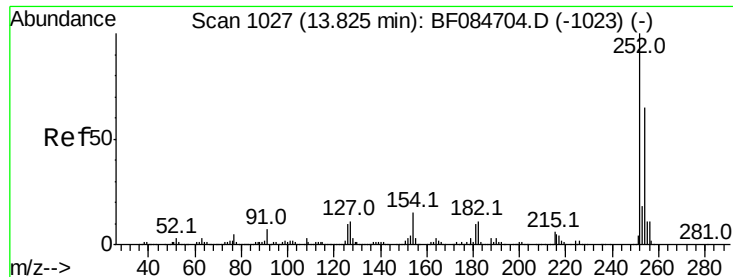
Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion:	228	Resp:	1032346
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.6
229	20.2	15.8	23.8





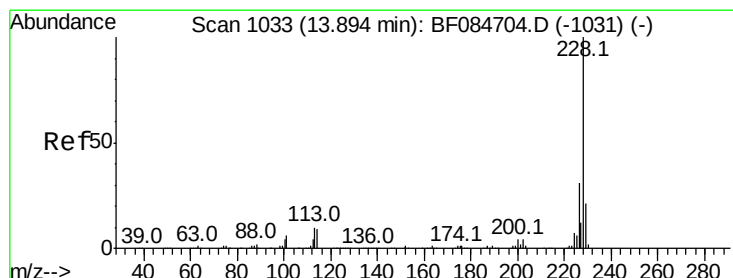
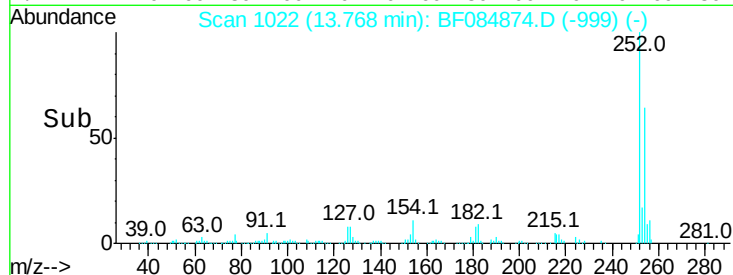
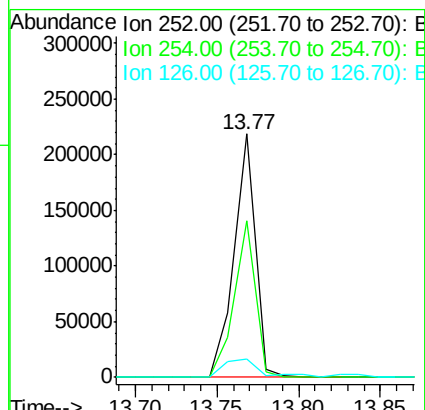
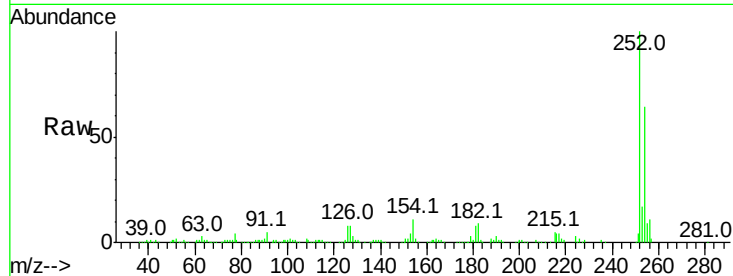
#81
 3,3'-Dichlorobenzidine
 Concen: 26.30 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	53.5	80.3
126	7.7	4.9	7.3

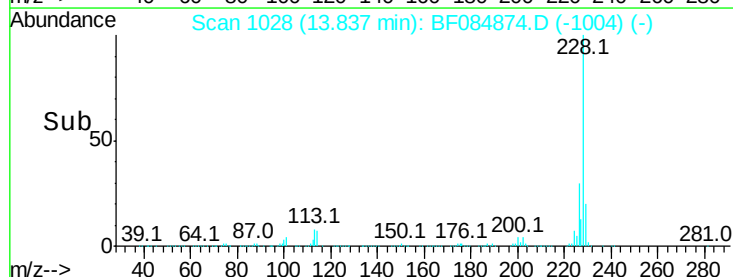
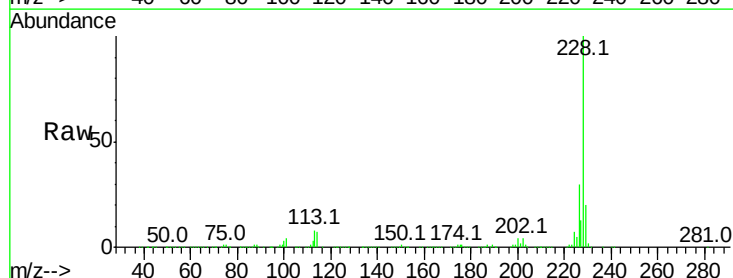
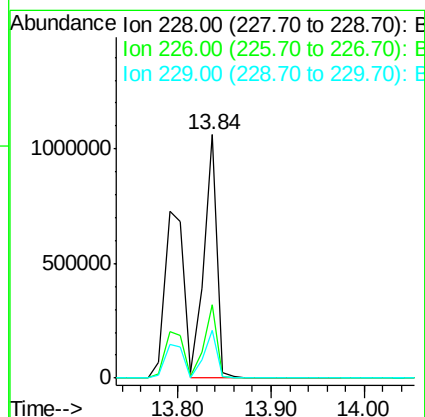
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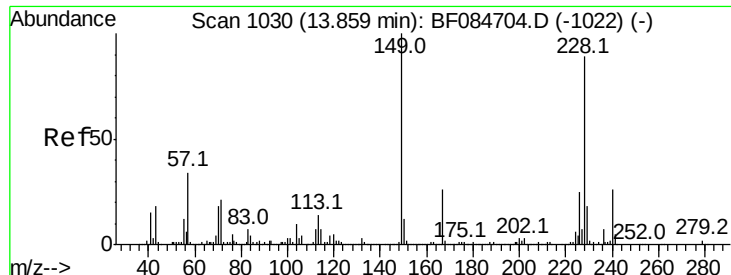
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#82
 Chrysene
 Concen: 50.23 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.9	16.1	24.1





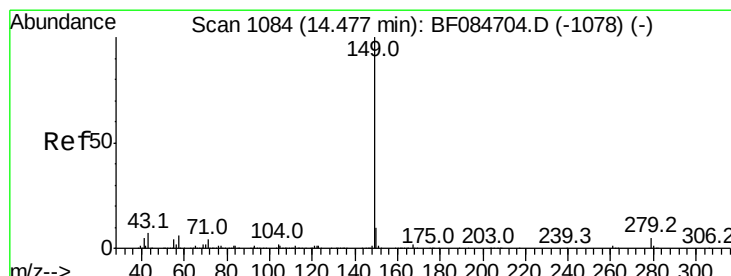
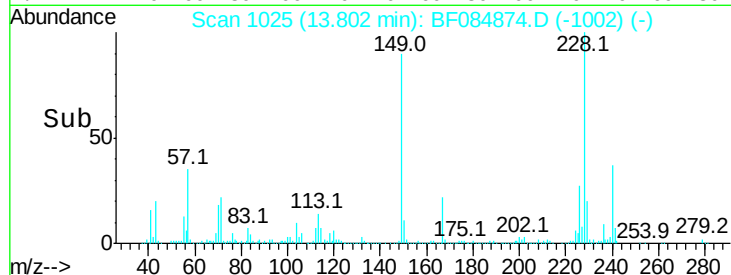
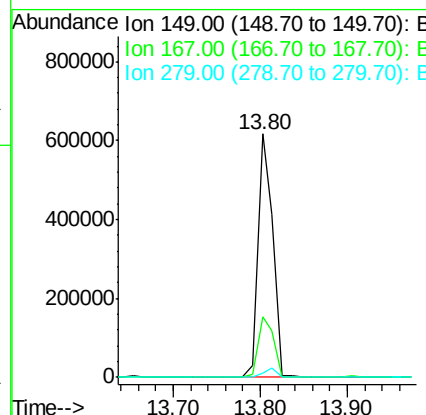
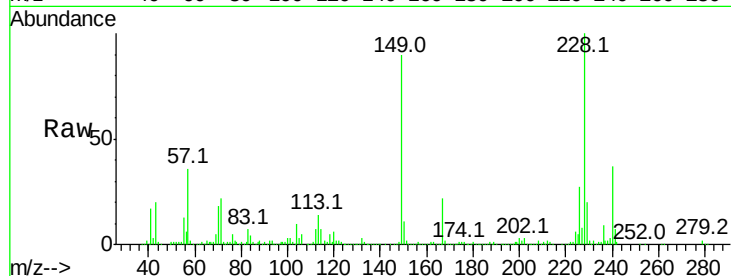
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.15 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.8	19.7	29.5	
279	2.0	1.8	2.6	

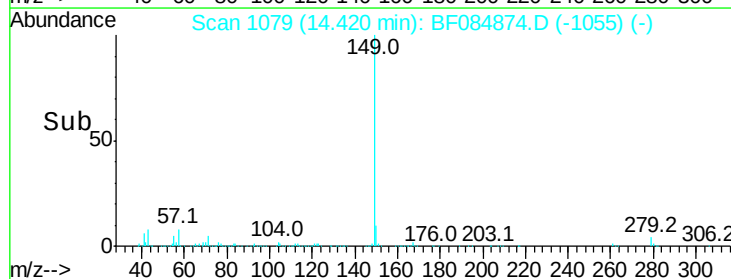
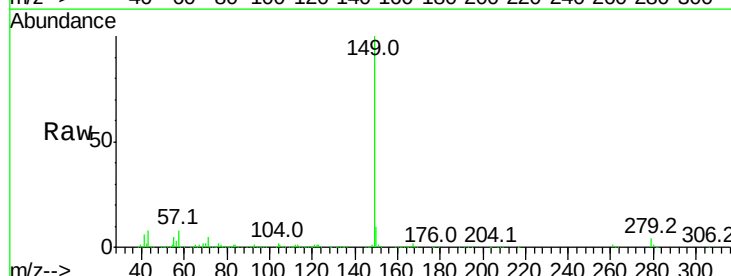
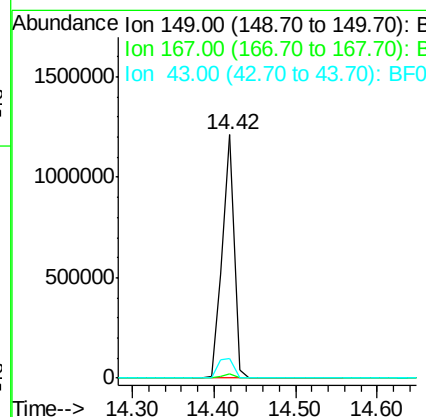
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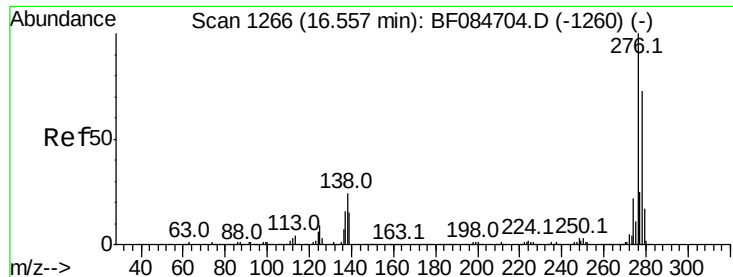
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#84
 Di-n-octyl phthalate
 Concen: 50.55 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.9	5.6	8.4#	





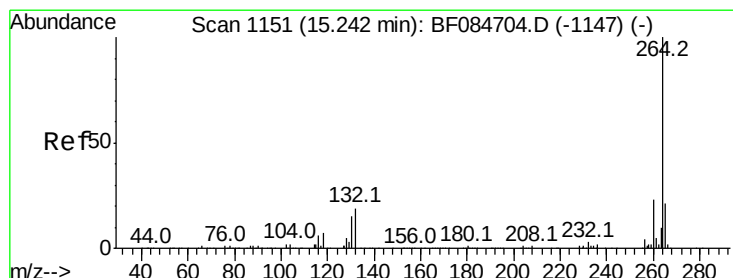
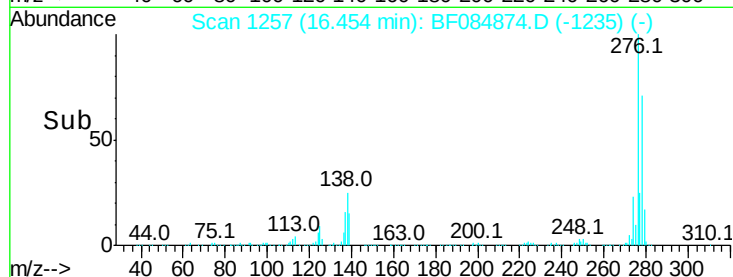
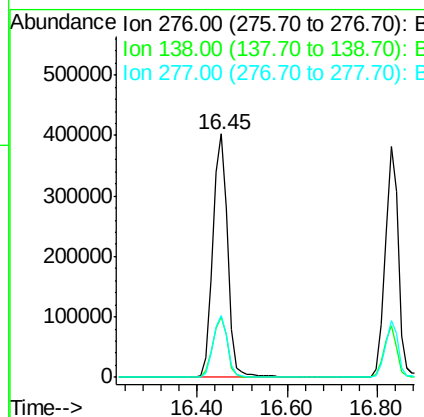
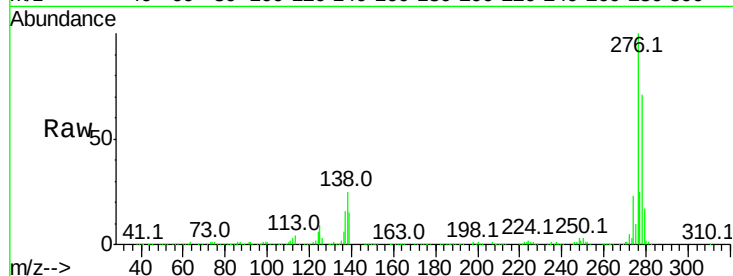
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.70 ng
RT: 16.45 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	30.8
277	24.9	20.1	30.1

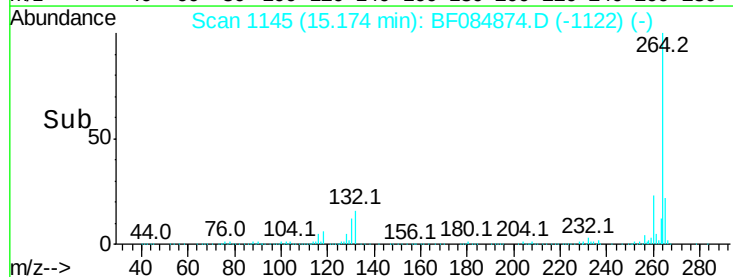
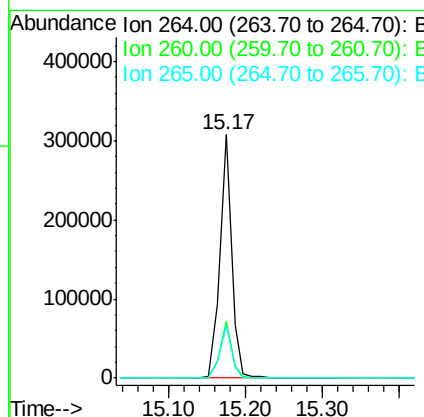
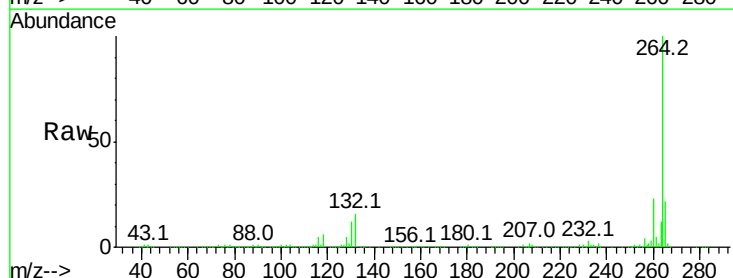
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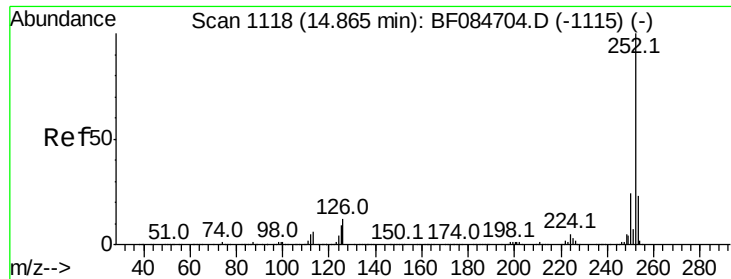
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.6	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 51.51 ng m

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Instrument :

BNA_F

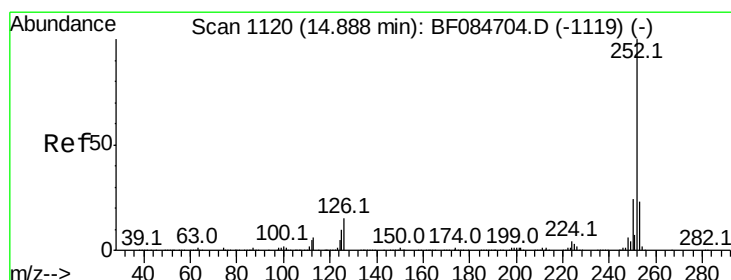
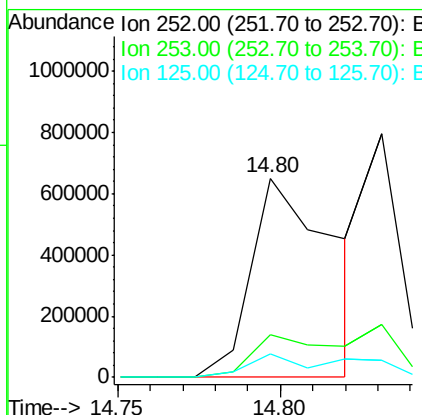
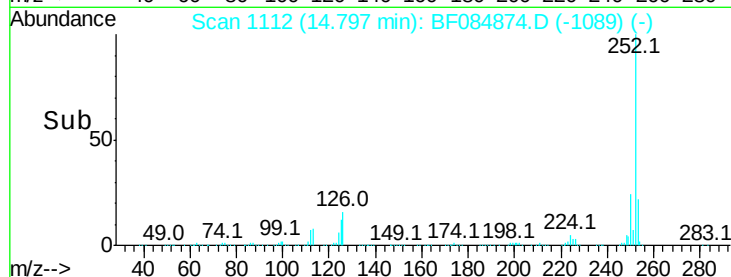
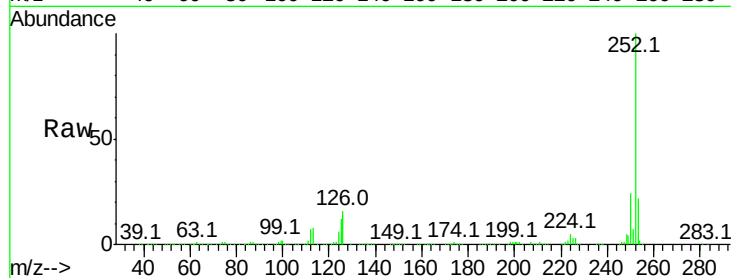
ClientSampled :

PB88197BSD

Tot Ion:	252	Resp:	1148000
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	11.8	6.5	9.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 32.75 ng m

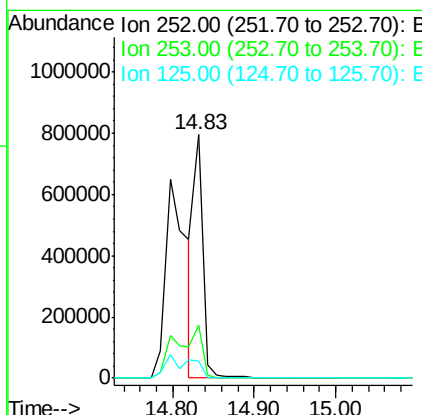
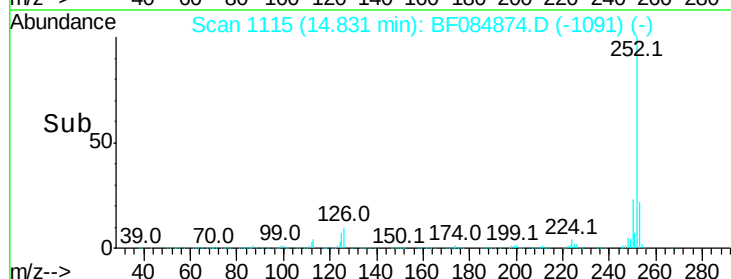
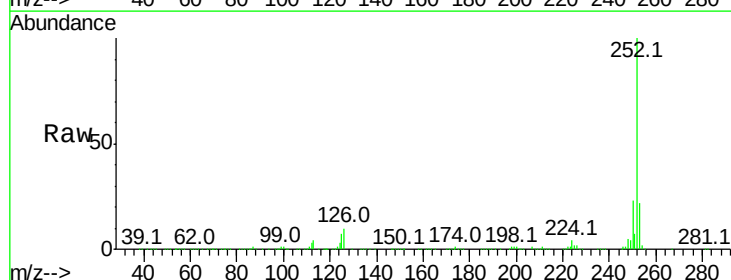
RT: 14.83 min Scan# 1115

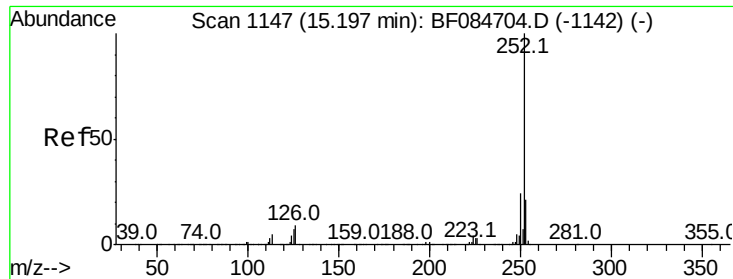
Delta R.T. -0.02 min

Lab File: BF084874.D

Acq: 5 Feb 2016 21:56

Tgt Ion:	252	Resp:	603460
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	6.8	9.0	13.6#





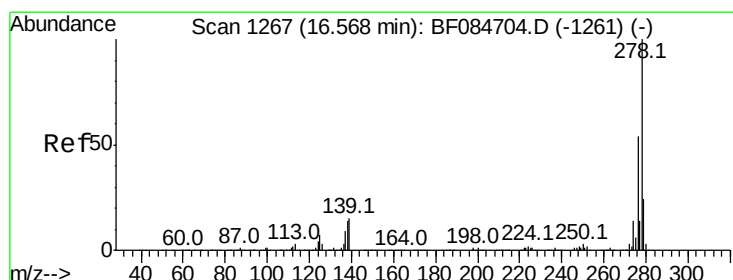
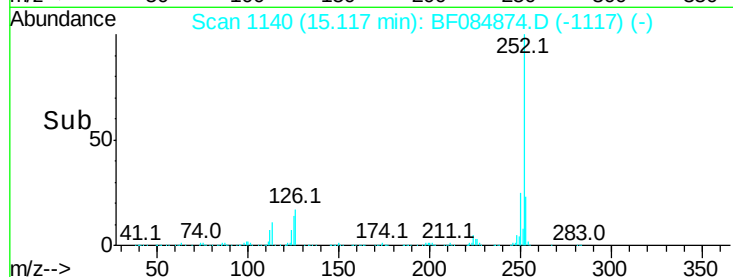
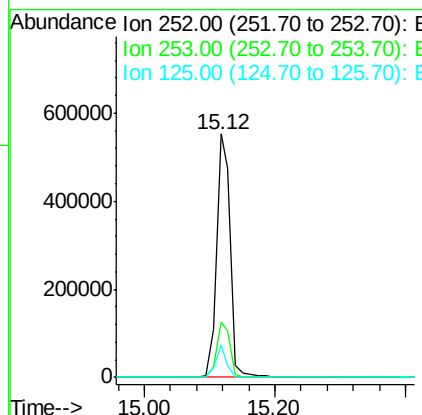
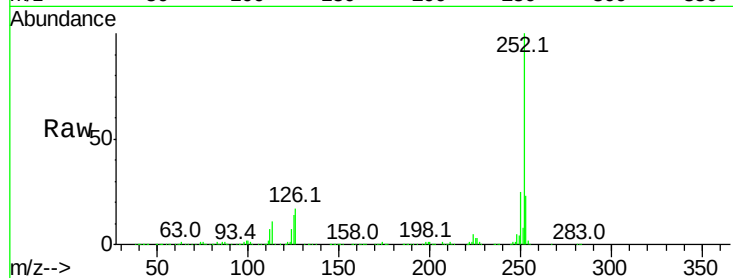
#89
Benzo(a)pyrene
Concen: 43.01 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	13.5	7.0	10.4

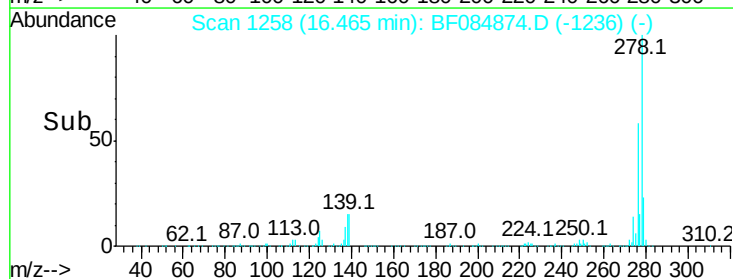
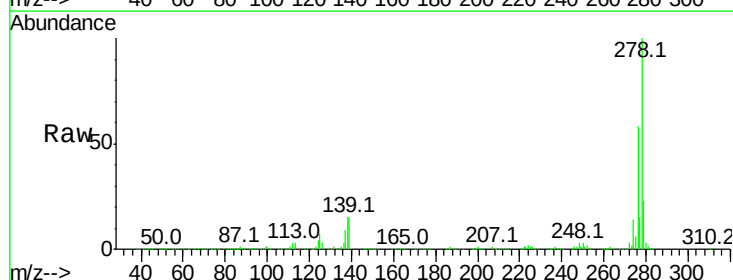
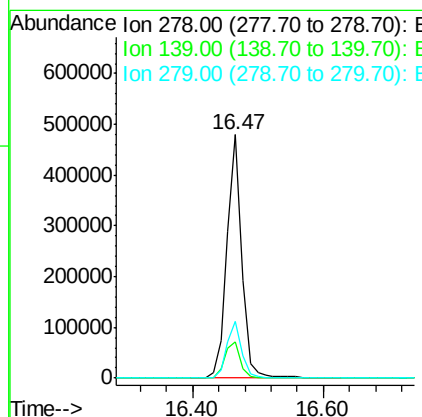
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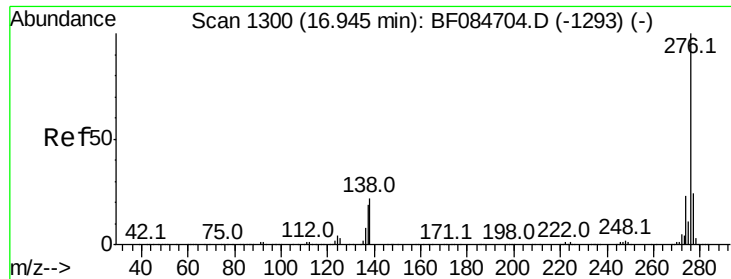
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#90
Dibenzo(a,h)anthracene
Concen: 47.82 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF084874.D
Acq: 5 Feb 2016 21:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.0	22.4
279	23.4	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 48.79 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF084874.D
 Acq: 5 Feb 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BSD

Tot Ion:	276	Resp:	785640
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	22.4	17.8	26.6

Manual Integrations
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