

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080893.D
 Acq On : 6 Aug 2015 17:26
 Operator : TP/UM
 Sample : PB84659BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:09 AM

Quant Time: Aug 07 07:02:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	53472	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	211255	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	104635	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	207535	20.00	ng	0.00
75) Chrysene-d12	13.96	240	186623	20.00	ng	0.00
86) Perylene-d12	15.36	264	191687	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	383293	114.27	ng	0.01
7) Phenol-d6	6.44	99	516746	111.91	ng	0.00
23) Nitrobenzene-d5	7.38	82	349597	77.96	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	134908	120.03	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	579520	78.94	ng	0.00
78) Terphenyl-d14	12.91	244	616778	69.68	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	51205	31.51	ng	97
3) Pyridine	3.10	79	110510	24.19	ng	98
4) n-Nitrosodimethylamine	3.04	42	68736	29.08	ng	98
6) Aniline	6.46	93	152468	22.26	ng	100
8) 2-Chlorophenol	6.59	128	132912	34.90	ng	97
9) Benzaldehyde	6.35	77	117402	36.91	ng	99
10) Phenol	6.45	94	182973	33.02	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	117735	30.01	ng	98
12) 1,3-Dichlorobenzene	6.75	146	123816	29.97	ng	97
13) 1,4-Dichlorobenzene	6.83	146	121780	28.95	ng	98
14) 1,2-Dichlorobenzene	6.98	146	125294	32.49	ng	97
15) Benzyl Alcohol	6.96	79	121912	33.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	243402	30.23	ng	99
17) 2-Methylphenol	7.07	107	110802	32.46	ng	98
18) Hexachloroethane	7.32	117	48481	30.35	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	100741	30.64	ng	# 90
20) 3+4-Methylphenols	7.22	107	128195	30.98	ng	# 88
22) Acetophenone	7.22	105	205858	38.97	ng	91
24) Nitrobenzene	7.39	77	141651	30.99	ng	95
25) Isophorone	7.63	82	250364	29.13	ng	95
26) 2-Nitrophenol	7.71	139	65994	34.41	ng	92
27) 2,4-Dimethylphenol	7.76	122	121961	33.14	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	156819	30.78	ng	99
29) 2,4-Dichlorophenol	7.95	162	100109	34.12	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	102688	31.57	ng	99
31) Naphthalene	8.11	128	351572	30.67	ng	100
32) Benzoic acid	7.87	122	100975	43.14	ng	95
33) 4-Chloroaniline	8.17	127	87350	18.43	ng	# 93
34) Hexachlorobutadiene	8.24	225	55587	30.04	ng	99
35) Caprolactam	8.53	113	47038	42.95	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	118047	33.41	ng	98
37) 2-Methylnaphthalene	8.81	142	235295	33.29	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	120474	37.80	ng	98
40) Hexachlorocyclopentadiene	8.97	237	150107	82.08	ng	99

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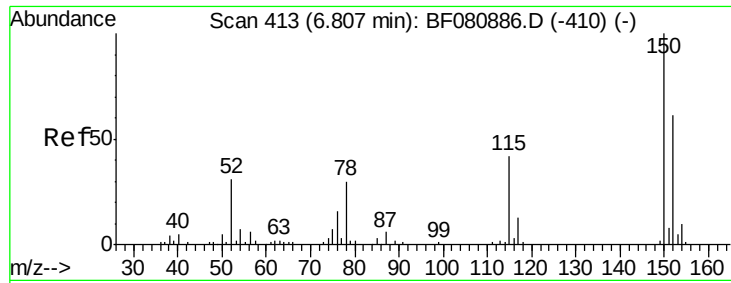
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	69312	29.48	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	74353	31.19	nq	97
45) 1,1'-Biphenyl	9.28	154	372117	42.03	nq	98
46) 2-Chloronaphthalene	9.30	162	215272	31.10	nq	97
47) 2-Nitroaniline	9.39	65	98384	34.95	nq	91
48) Acenaphthylene	9.71	152	388576	32.01	nq	99
49) Dimethylphthalate	9.57	163	258004	31.05	nq	99
50) 2,6-Dinitrotoluene	9.63	165	53036	29.76	nq	92
51) Acenaphthene	9.88	154	272034	36.88	nq	100
52) 3-Nitroaniline	9.80	138	44961	20.41	nq	# 78
53) 2,4-Dinitrophenol	9.90	184	76298	78.15	nq	93
54) Dibenzofuran	10.05	168	341188	34.15	nq	98
55) 4-Nitrophenol	9.96	139	113542	68.29	nq	# 64
56) 2,4-Dinitrotoluene	10.03	165	74153	30.94	nq	99
57) Fluorene	10.40	166	265982	34.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	61985	32.58	nq	98
59) Diethylphthalate	10.27	149	278664	30.79	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	106192	28.99	nq	98
61) 4-Nitroaniline	10.41	138	60805	26.91	nq	76
62) Azobenzene	10.54	77	316277	31.89	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	47459	35.10	nq	# 77
65) n-Nitrosodiphenylamine	10.51	169	234271	31.68	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	71028	31.49	nq	97
67) Hexachlorobenzene	10.94	284	75314	30.88	nq	# 95
68) Atrazine	11.04	200	85478	40.04	nq	97
69) Pentachlorophenol	11.14	266	105315	77.04	nq	95
70) Phenanthrene	11.36	178	376727	31.02	nq	99
71) Anthracene	11.40	178	386612	32.34	nq	99
72) Carbazole	11.56	167	384826	31.87	nq	98
73) Di-n-butylphthalate	11.89	149	472493	32.10	nq	99
74) Fluoranthene	12.53	202	450529	33.93	nq	98
76) Benzidine	12.66	184	311760	40.89	nq	99
77) Pyrene	12.76	202	476918	34.38	nq	99
79) Butylbenzylphthalate	13.39	149	226260	34.10	nq	96
80) Benzo(a)anthracene	13.95	228	394253	32.34	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	115107	25.22	nq	# 97
82) Chrysene	13.99	228	408807	35.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	313382	34.47	nq	100
84) Di-n-octyl phthalate	14.56	149	547275	34.15	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	385089	33.94	nq	99
87) Benzo(b)fluoranthene	14.97	252	448206m	33.29	nq	
88) Benzo(k)fluoranthene	14.99	252	314202m	27.70	nq	
89) Benzo(a)pyrene	15.30	252	370954	31.98	nq	# 96
90) Dibenzo(a,h)anthracene	16.74	278	324215	32.42	nq	97
91) Benzo(g,h,i)perylene	17.13	276	317551	32.76	nq	98

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



#1

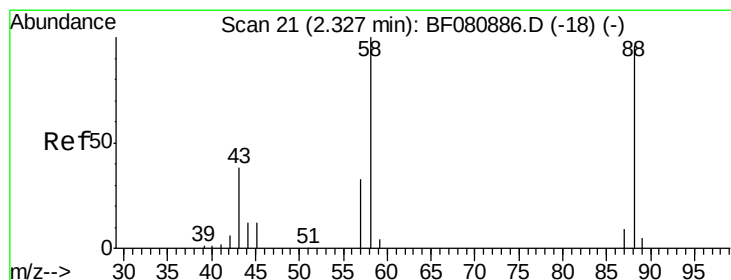
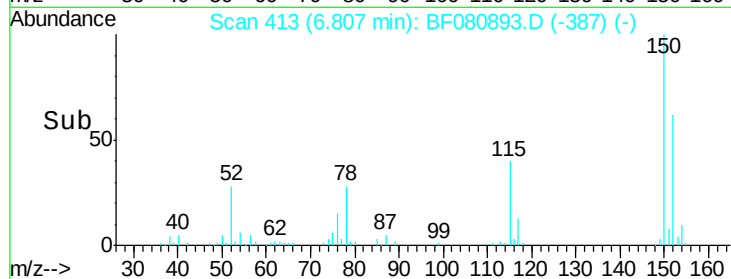
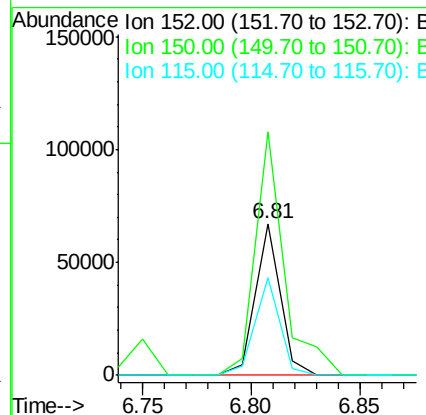
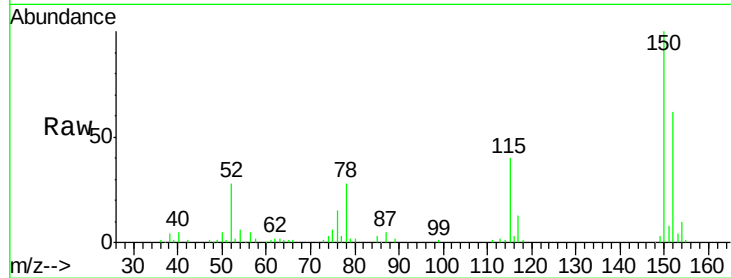
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	132.2	198.2
115	64.0	54.9	82.3

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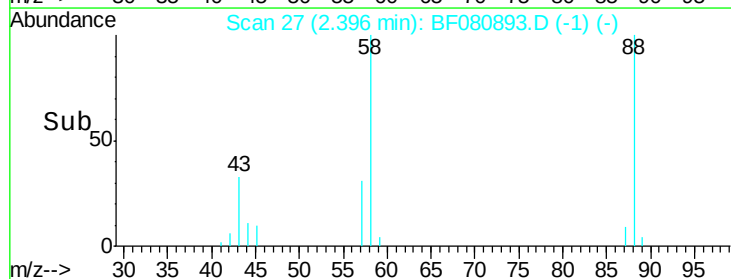
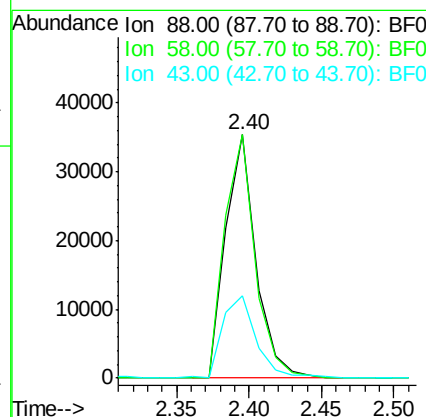
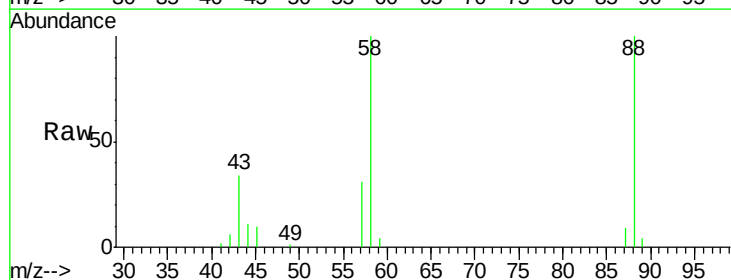
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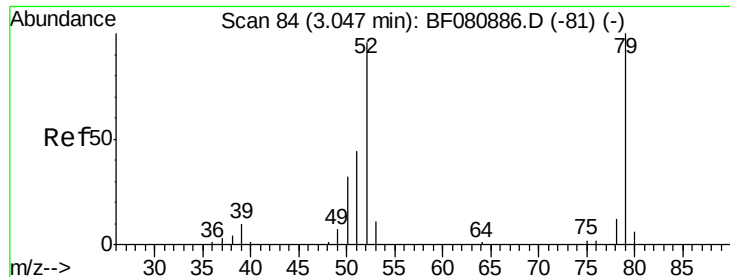


#2

1,4-Dioxane
Concen: 31.51 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.07 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	78.2	117.4
43	38.2	29.1	43.7





#3

Pvridine

Concen: 24.19 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.06 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

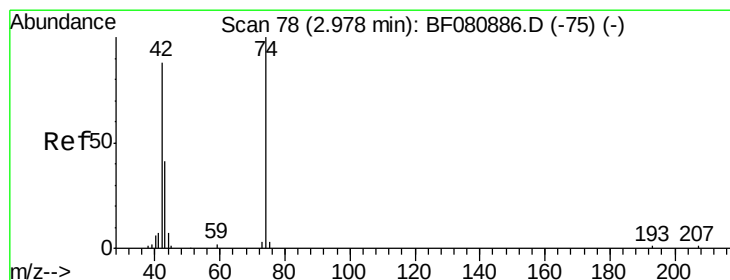
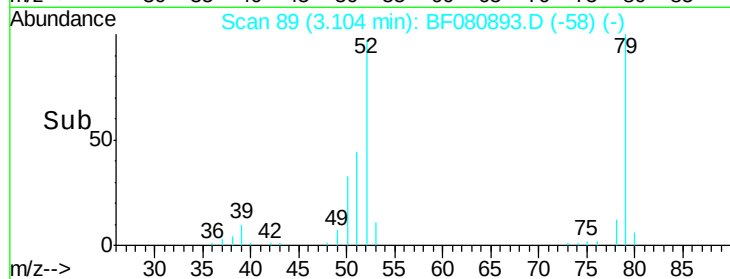
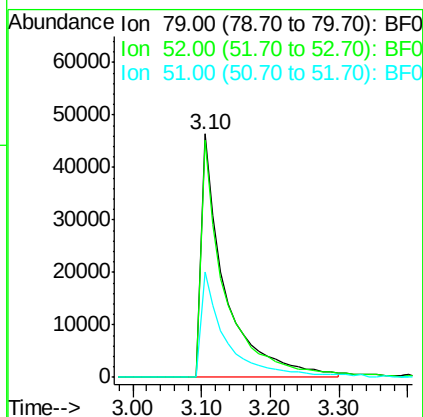
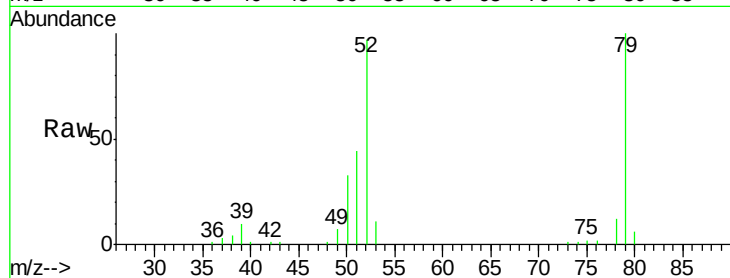
ClientSampleId :

PB84659BS

Tot Ion:	79	Resp:	110510
Ion	Ratio	Lower	Upper
79	100		
52	97.2	76.7	115.1
51	43.5	35.8	53.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 29.08 ng

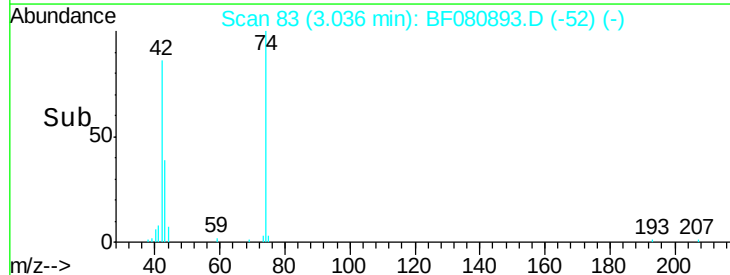
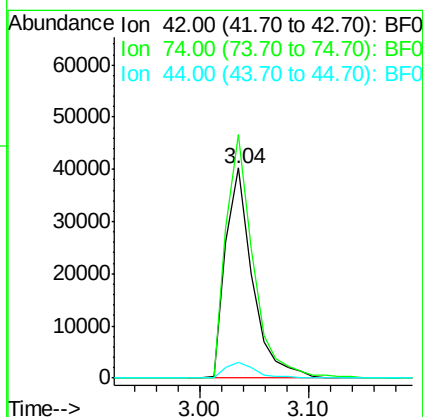
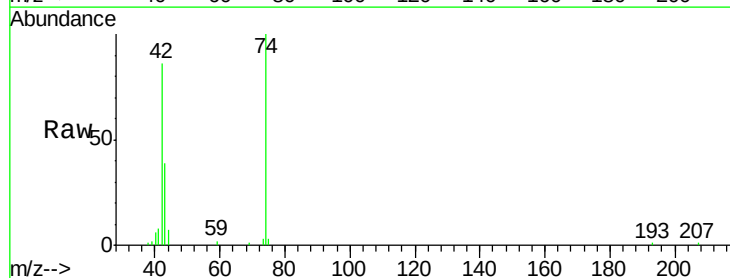
RT: 3.04 min Scan# 83

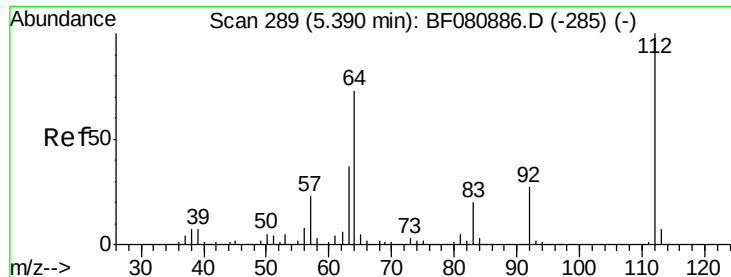
Delta R.T. 0.06 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	42	Resp:	68736
Ion	Ratio	Lower	Upper
42	100		
74	116.0	90.6	135.8
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 114.27 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

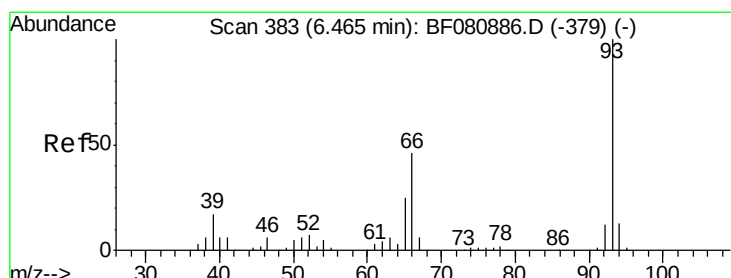
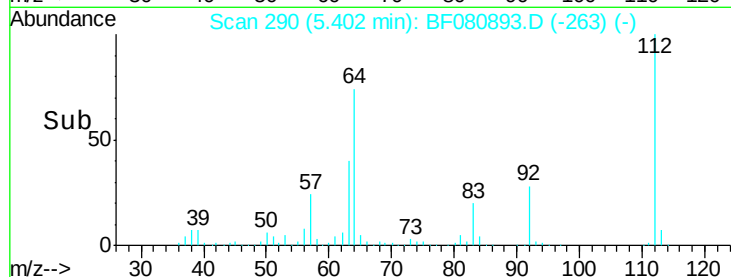
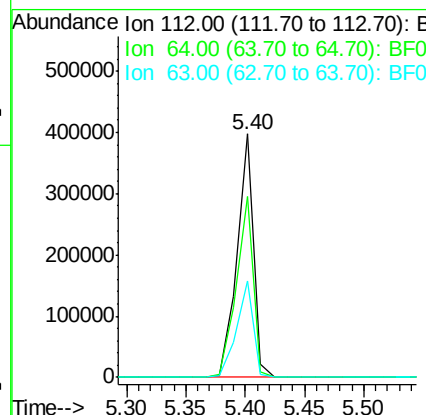
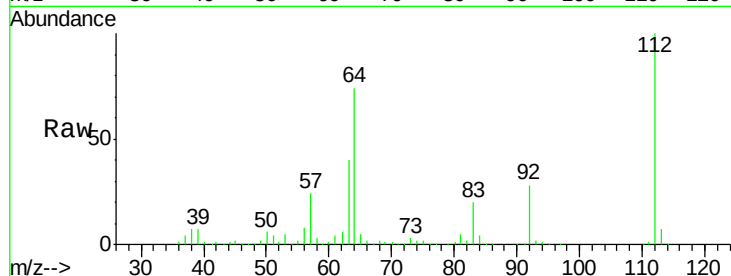
ClientSampleId :

PB84659BS

Tot Ion:	112	Resp:	383293
Ion Ratio	Lower	Upper	
112	100		
64	74.2	58.0	87.0
63	39.7	29.8	44.8

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#6

Aniline

Concen: 22.26 ng

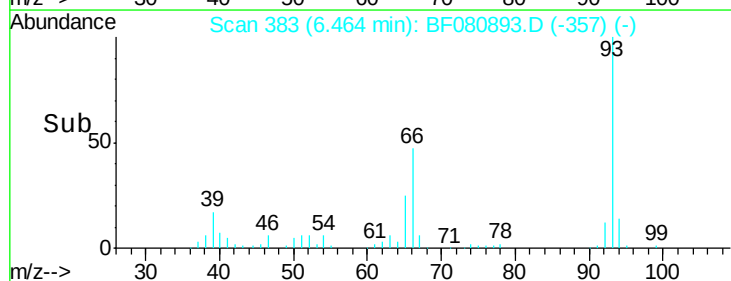
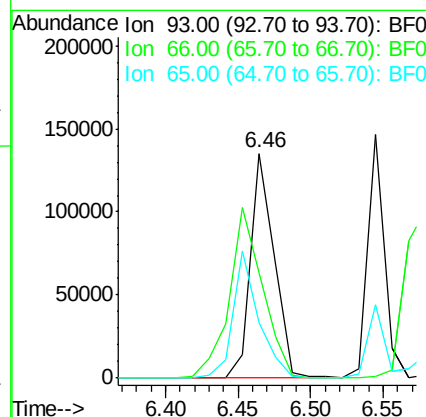
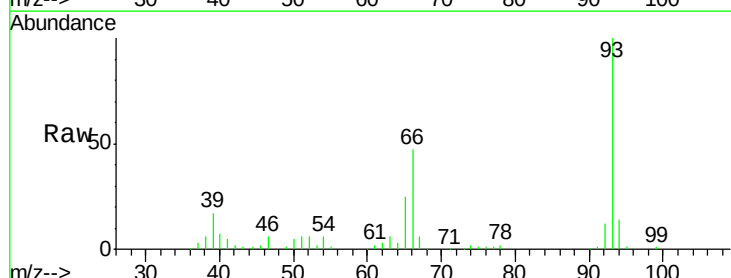
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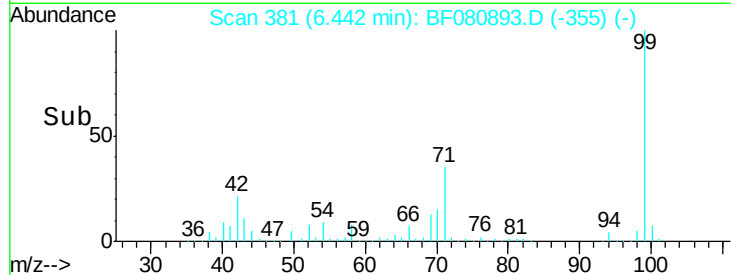
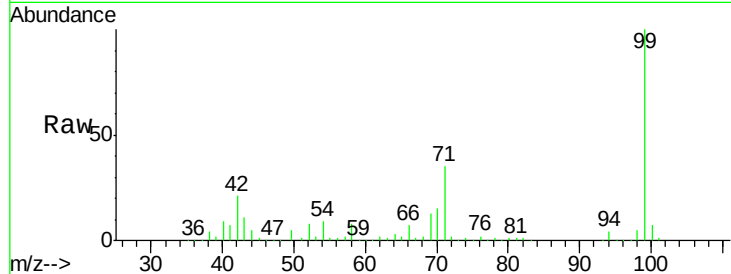
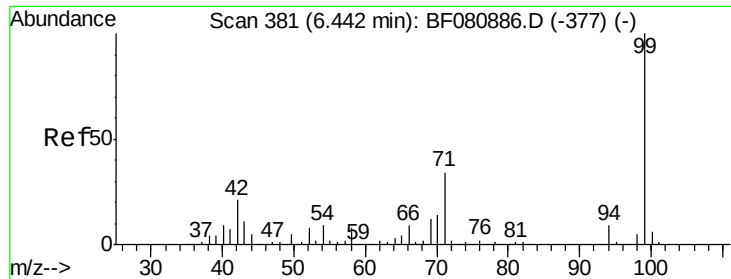
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	93	Resp:	152468
Ion Ratio	Lower	Upper	
93	100		
66	46.7	37.4	56.0
65	24.8	19.8	29.6





#7

Phenol-d6

Concen: 111.91 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tot Ion:	99	Resp:	516746
Ion Ratio	Lower	Upper	
99	100		
42	21.3	16.8	25.2
71	35.5	27.4	41.0

Instrument :

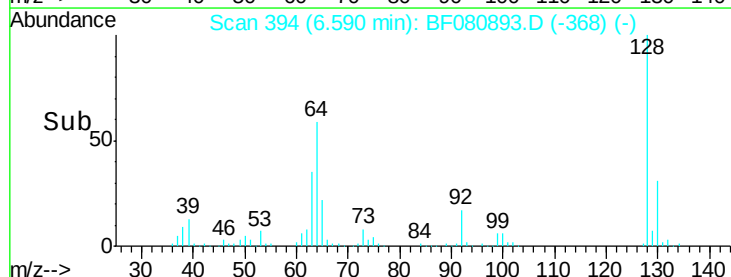
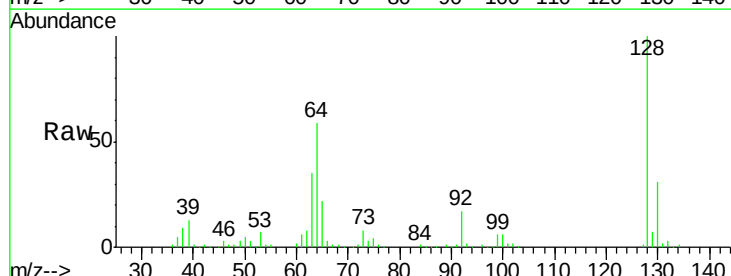
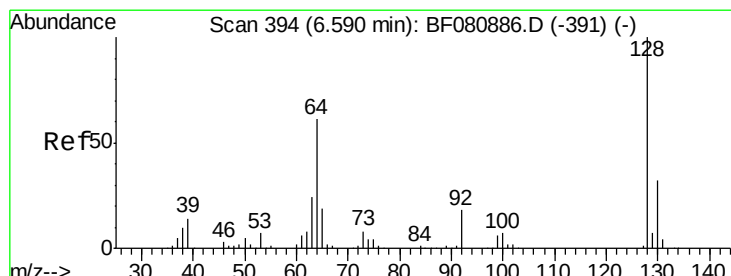
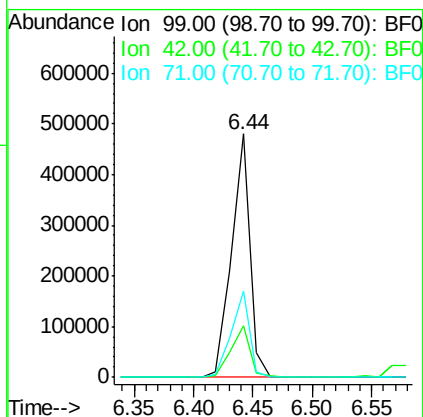
BNA_F

ClientSampleId :

PB84659BS

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#8

2-Chlorophenol

Concen: 34.90 ng

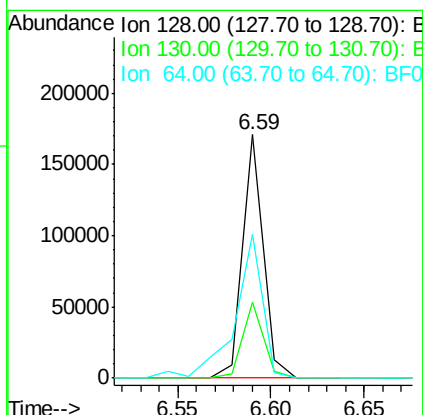
RT: 6.59 min Scan# 394

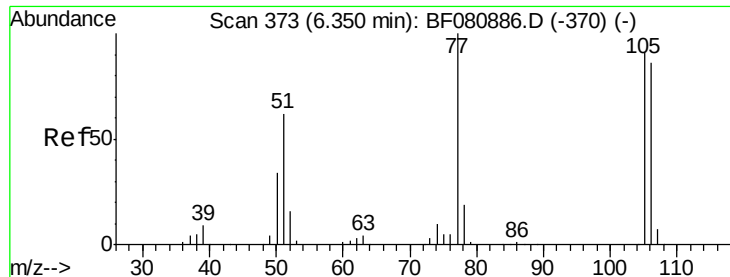
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	128	Resp:	132912
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.1	52.1
64	59.0	41.3	81.3





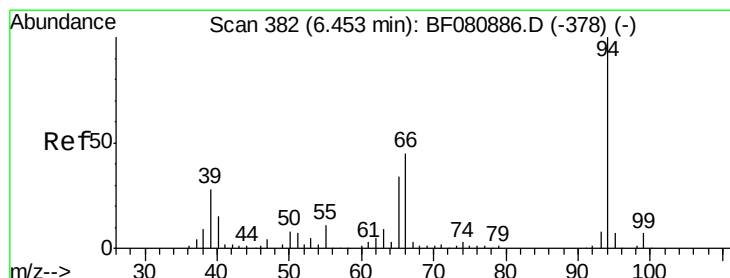
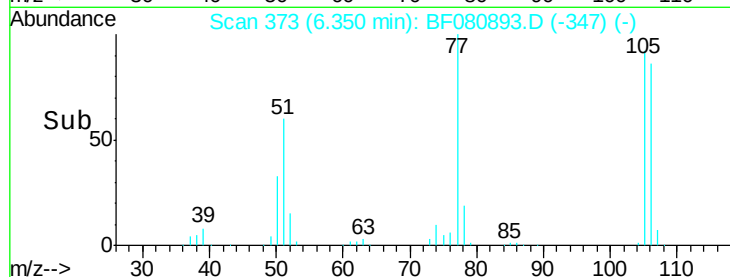
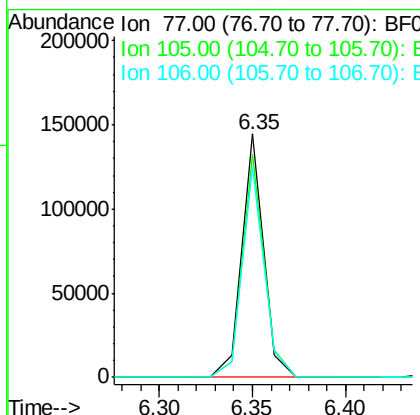
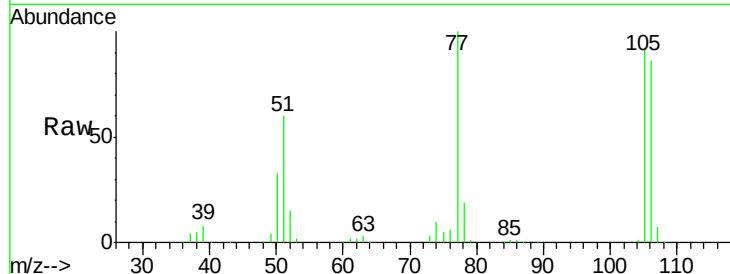
#9
Benzaldehyde
Concen: 36.91 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	91.7	70.7	110.7		
106	86.2	66.1	106.1		

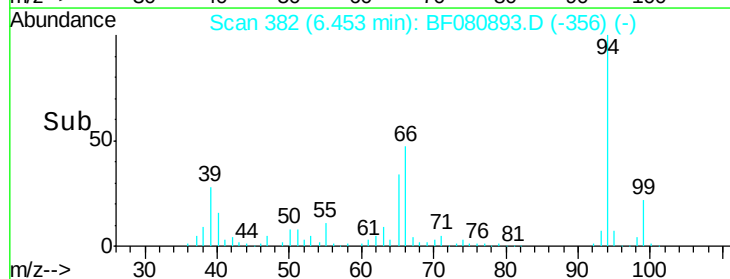
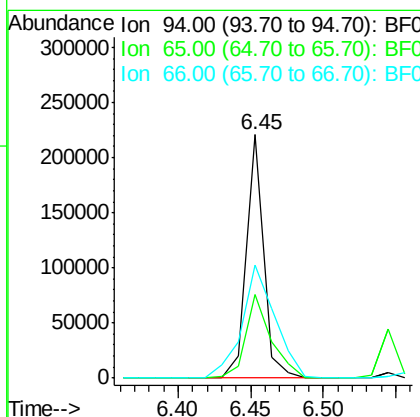
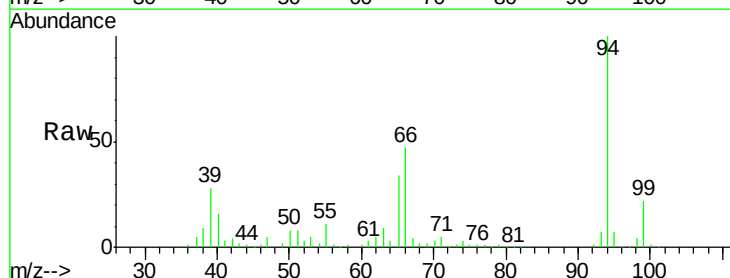
Manual Integrations
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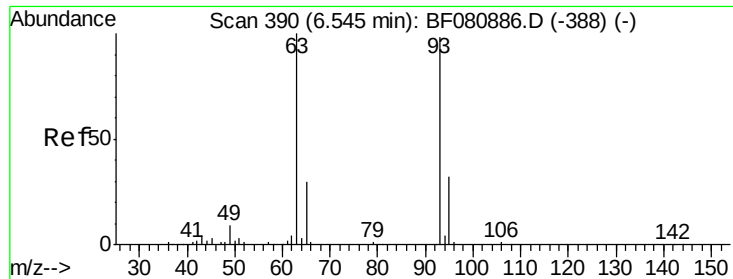
MMDadoda
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#10
Phenol
Concen: 33.02 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.5	14.0	54.0		
66	46.6	24.6	64.6		





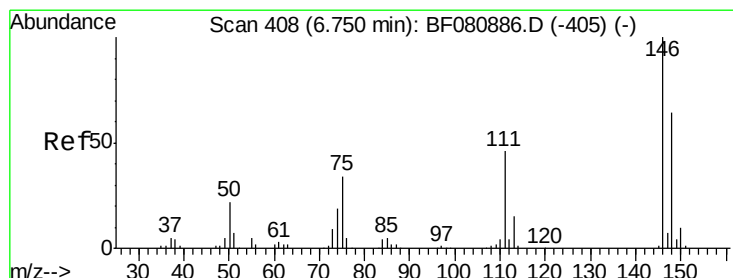
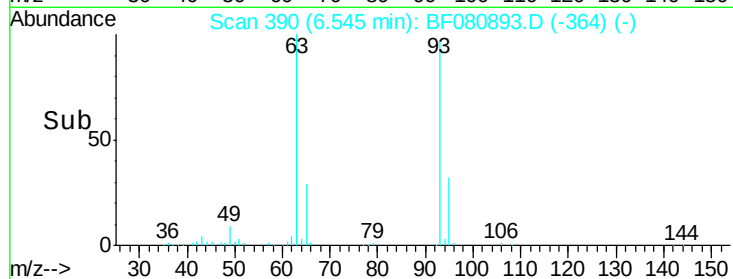
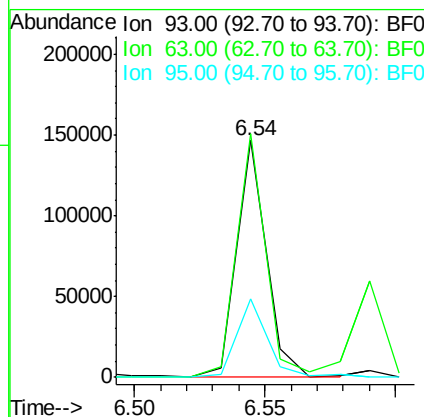
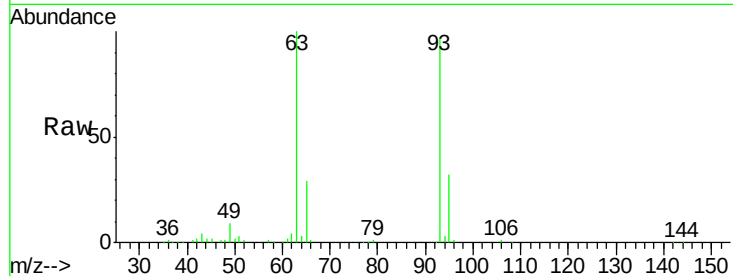
#11
bis(2-Chloroethyl)ether
Concen: 30.01 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	117735		
63	102.9		81.4	121.4
95	33.2		12.1	52.1

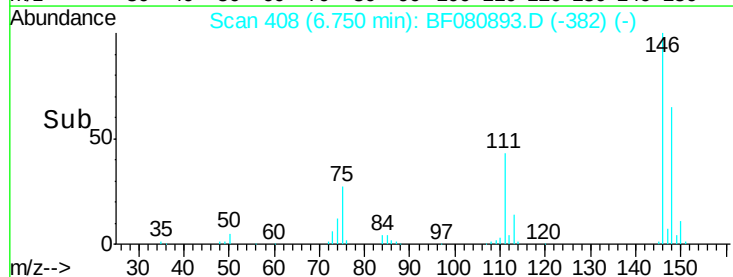
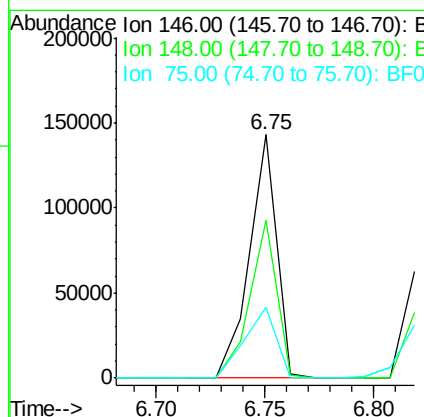
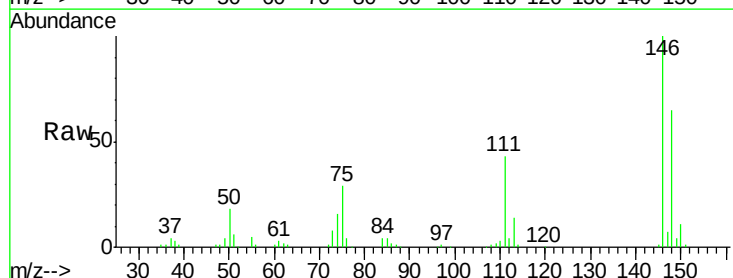
Manual Integrations
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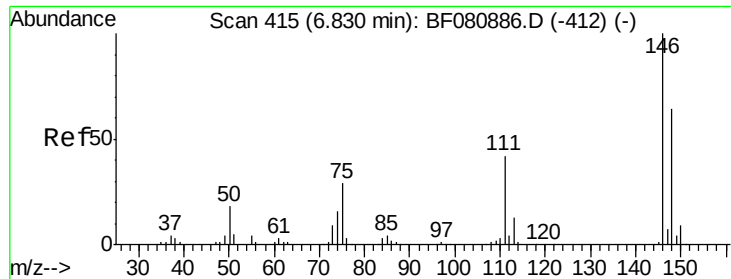
MMDadoda
8/10/2015 10:15:09 AM



#12
1,3-Dichlorobenzene
Concen: 29.97 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123816		
148	64.6		51.3	76.9
75	29.2		27.0	40.4





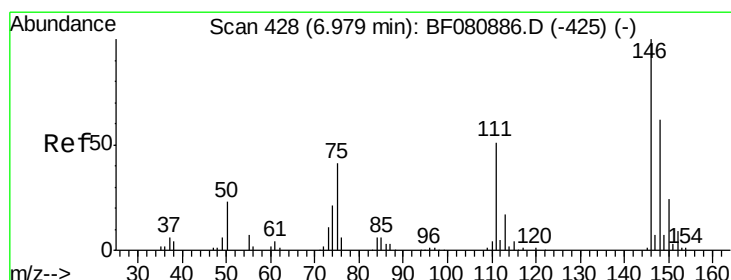
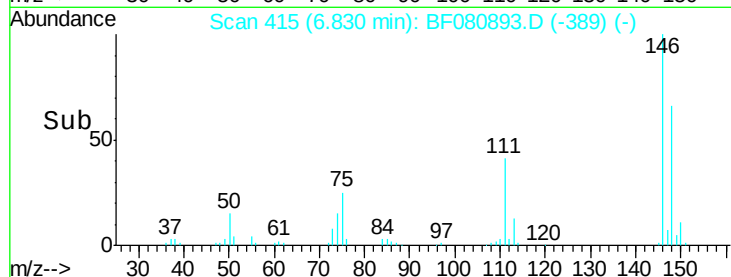
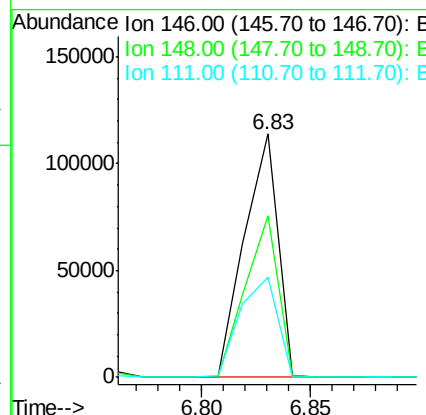
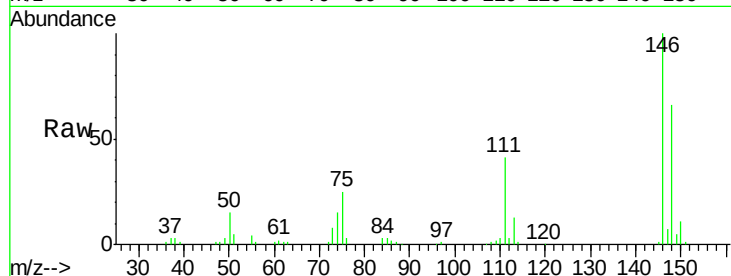
#13
 1,4-Dichlorobenzene
 Concen: 28.95 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.5	77.3
111	41.4	33.8	50.6

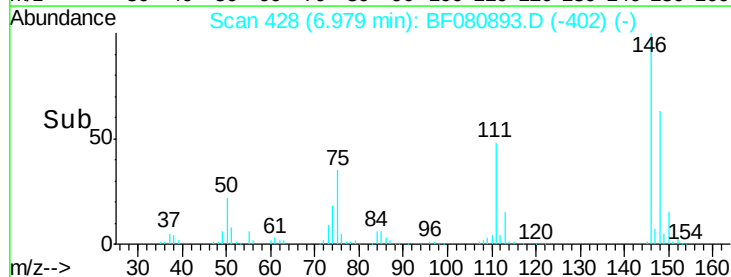
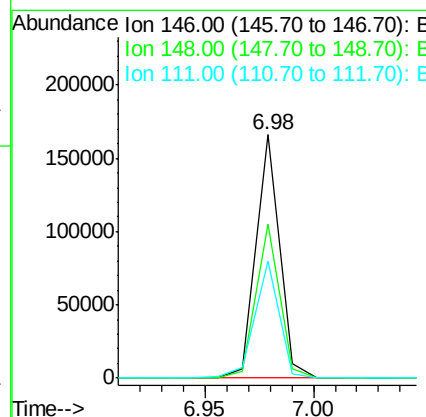
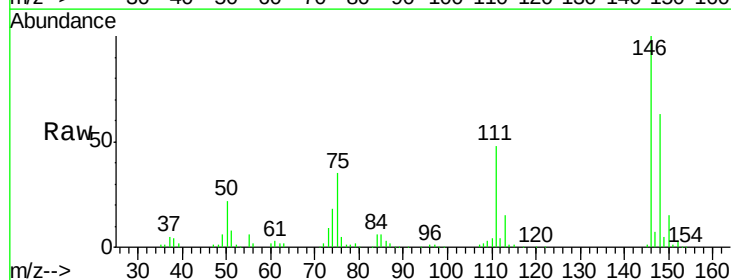
Manual Integrations
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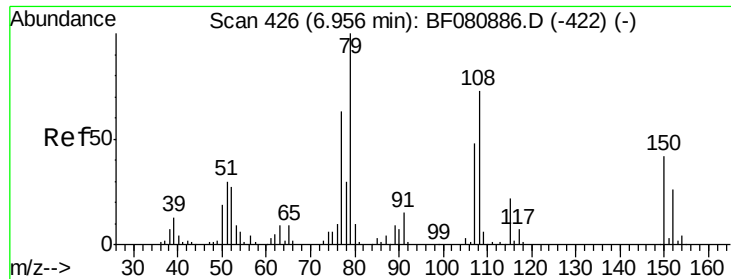
MMDadoda
 8/10/2015 10:15:09 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.49 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.0	75.0
111	47.9	41.0	61.6





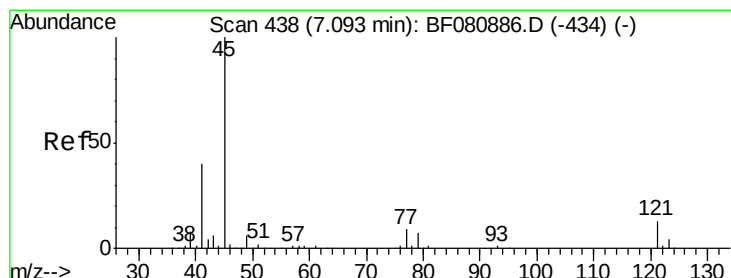
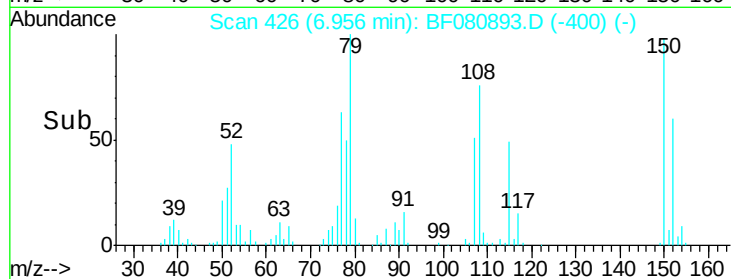
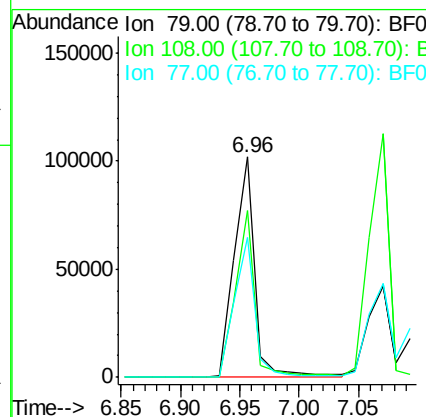
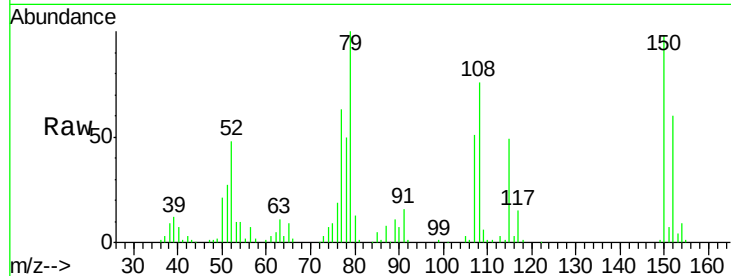
#15
Benzyl Alcohol
Concen: 33.28 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleID :
PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	121912		
108	75.9	58.2	87.2	
77	63.5	50.0	75.0	

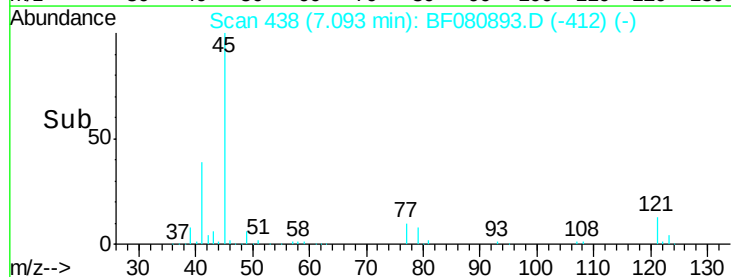
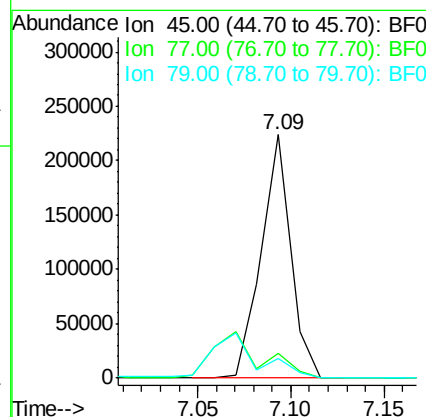
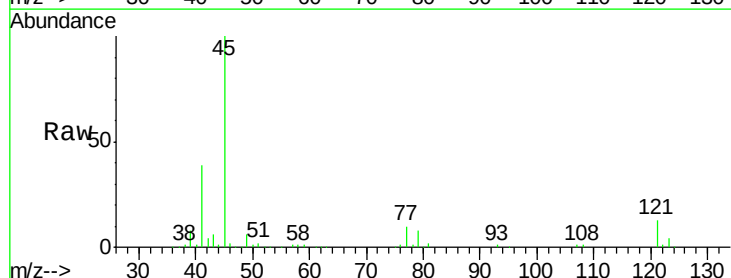
Manual Integrations
APPROVED

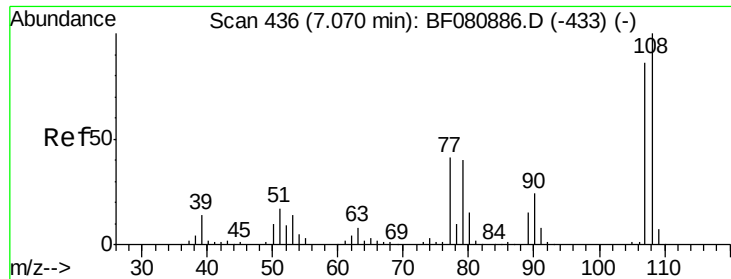
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8/10/2015 10:15:09 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.23 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	243402		
77	10.1	0.0	30.1	
79	8.0	0.0	27.6	





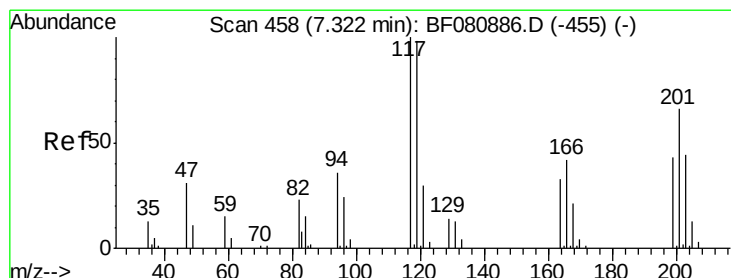
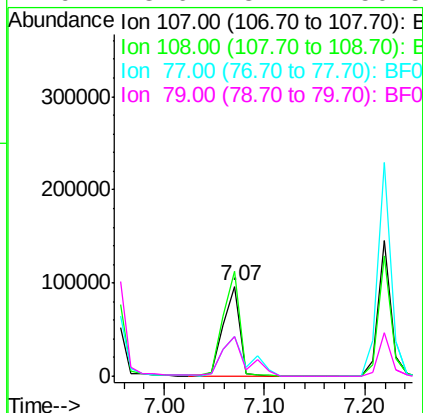
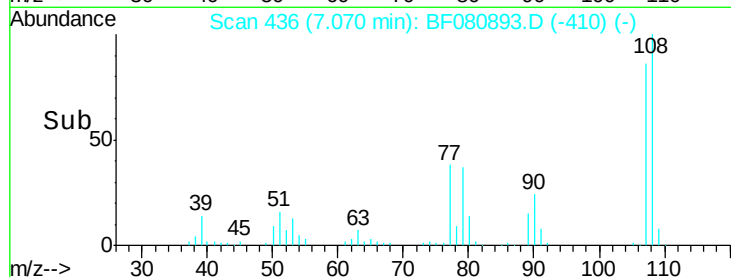
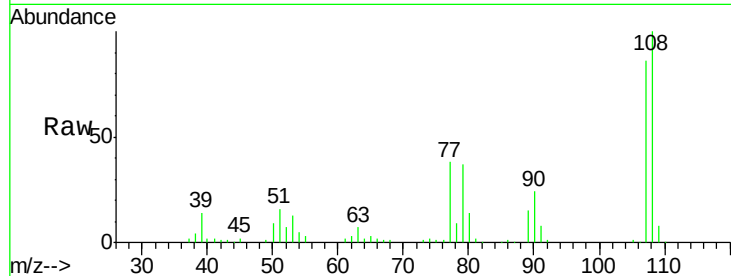
#17
2-Methylphenol
Concen: 32.46 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.5	93.1	139.7	
77	44.7	38.2	57.2	
79	43.6	37.7	56.5	

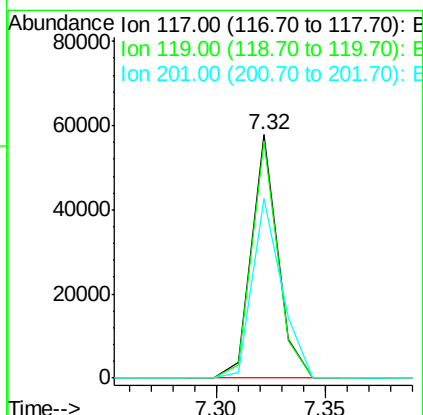
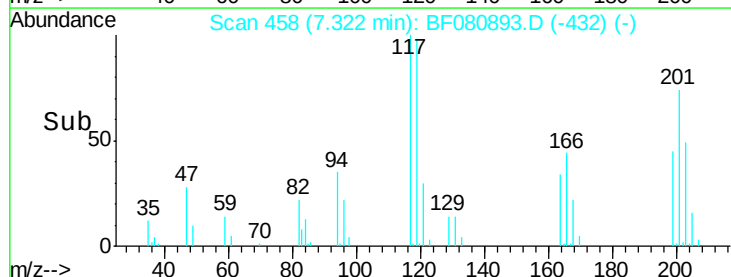
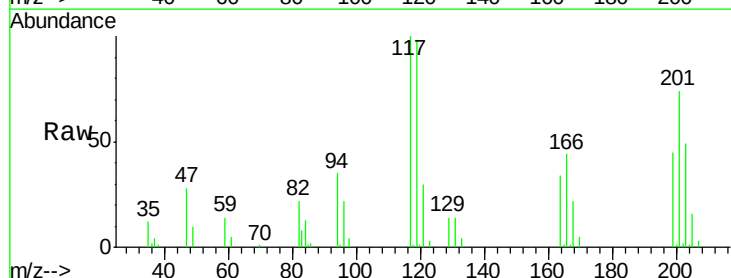
Manual Integrations
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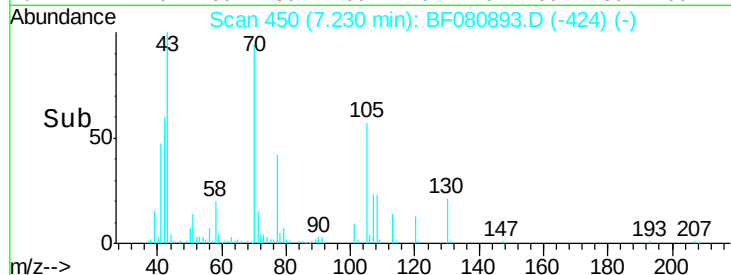
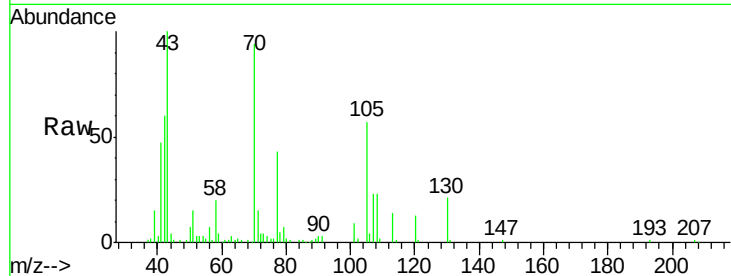
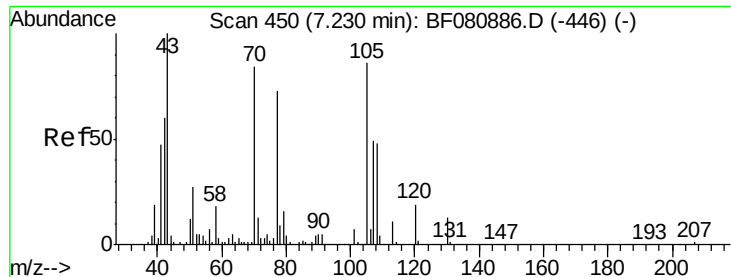
MMDadoda
8/10/2015 10:15:09 AM



#18
Hexachloroethane
Concen: 30.35 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	78.4	117.6	
201	74.0	53.1	79.7	





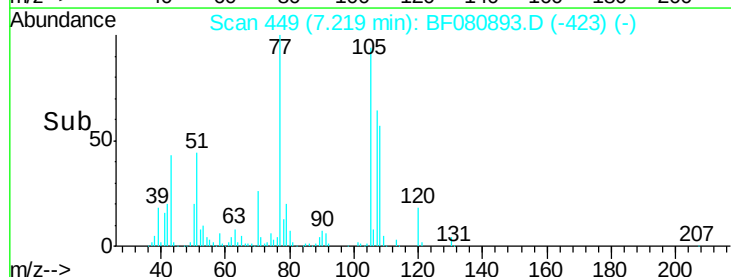
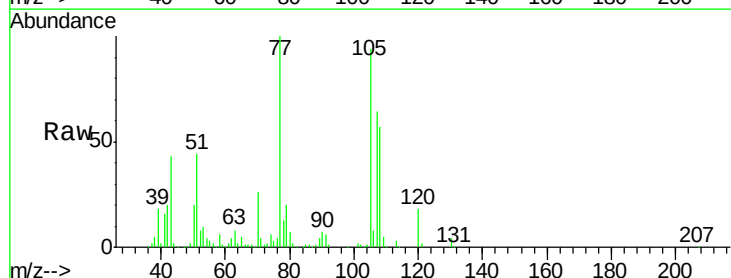
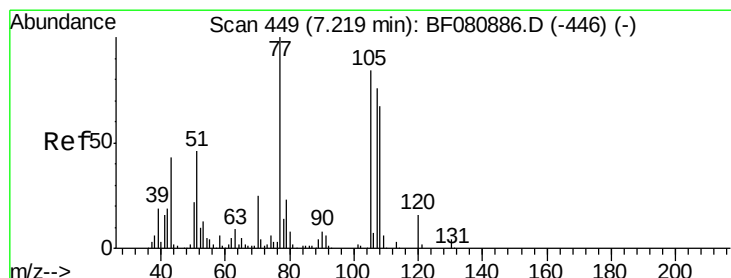
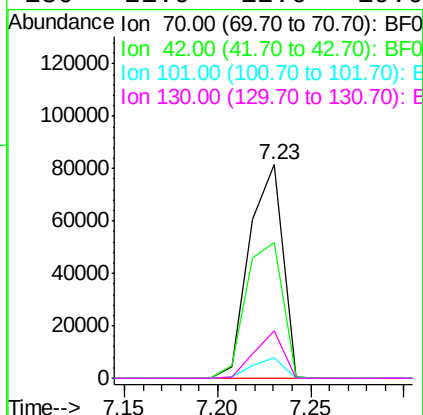
#19
n-Nitroso-di-n-propylamine
Concen: 30.64 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Manual Integrations
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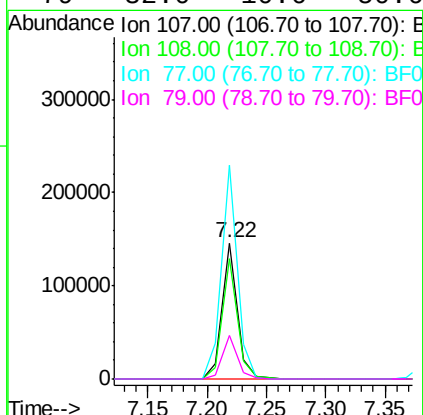
MMDadoda
8/10/2015 10:15:09 AM

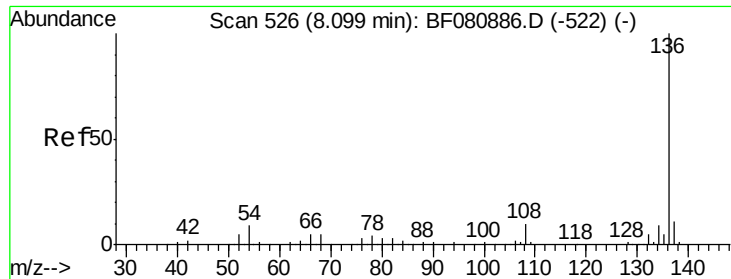
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.4	57.2	85.8	
101	9.4	6.6	9.8	
130	21.9	12.6	19.0	



#20
3+4-Methylphenols
Concen: 30.98 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.3	107.3	
77	156.8	111.2	151.2	
79	32.0	10.6	50.6	





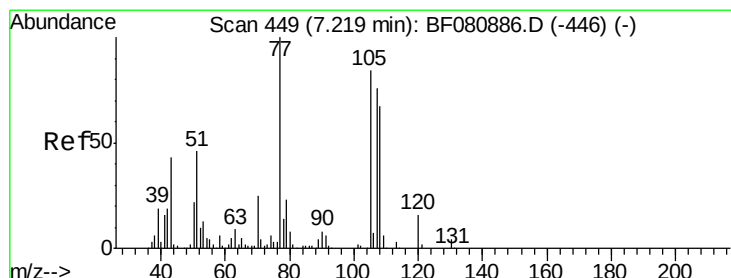
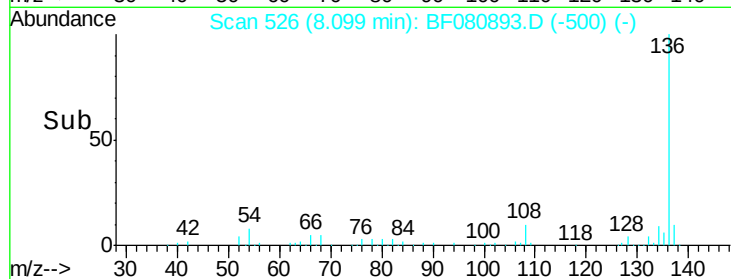
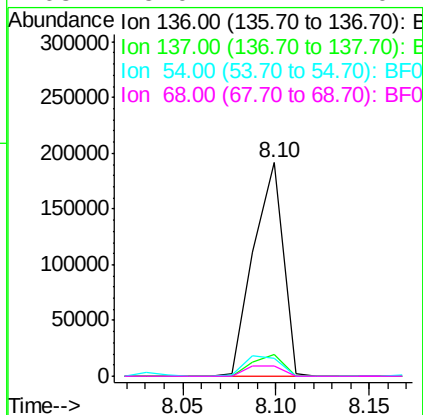
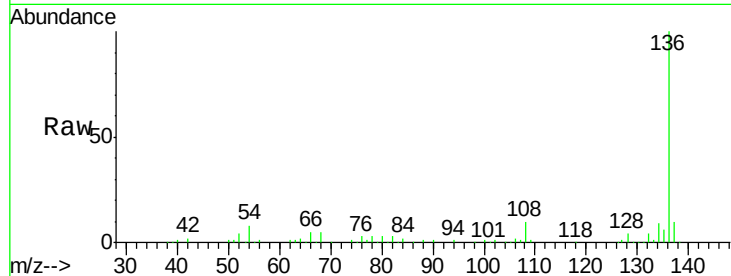
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	211255		
137	10.3	8.6	12.8	
54	8.2	7.5	11.3	
68	5.0	4.2	6.2	

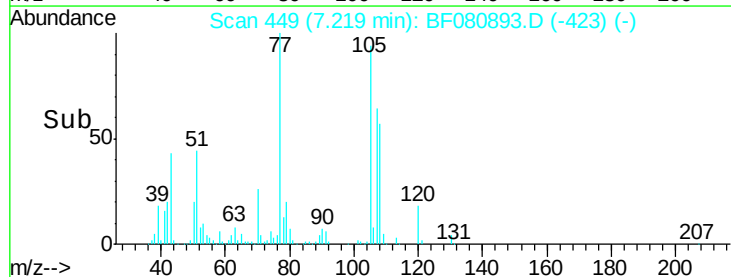
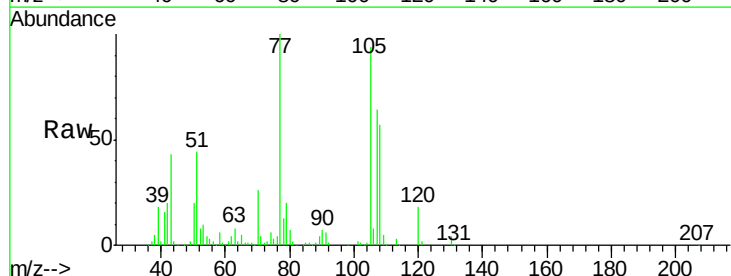
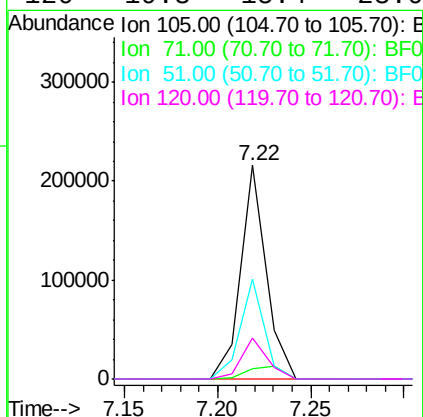
Manual Integrations
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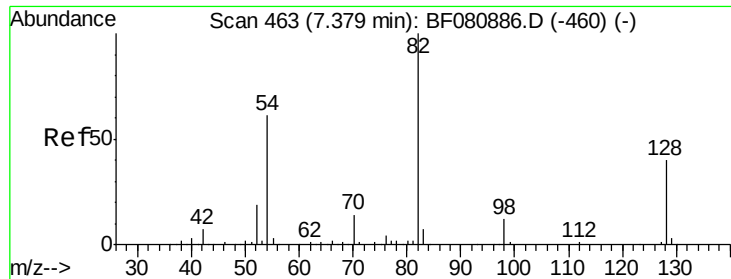
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8/10/2015 10:15:09 AM



#22
Acetophenone
Concen: 38.97 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205858		
71	4.5	3.8	5.8	
51	46.5	44.2	66.4	
120	19.3	15.4	23.0	





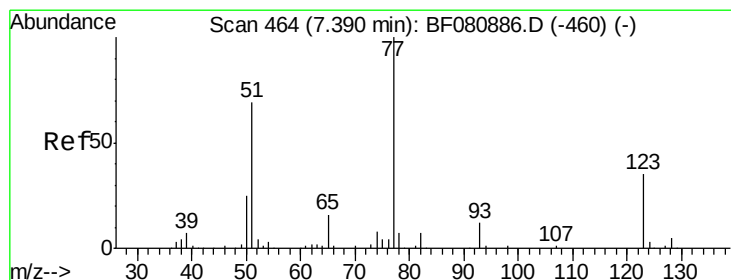
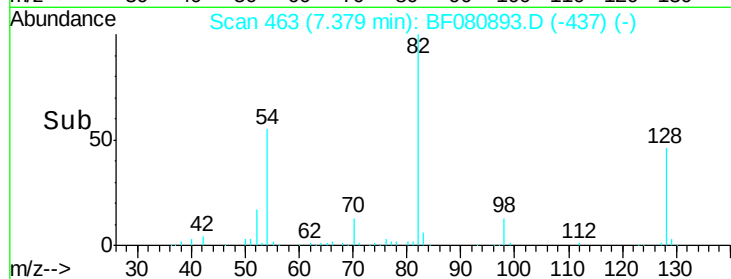
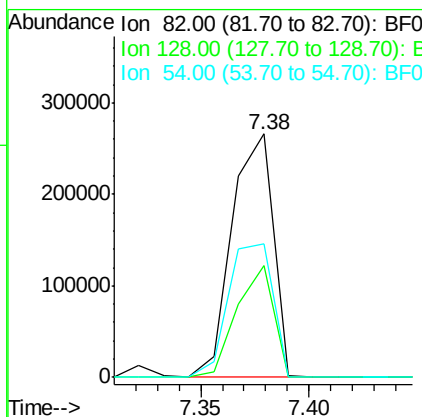
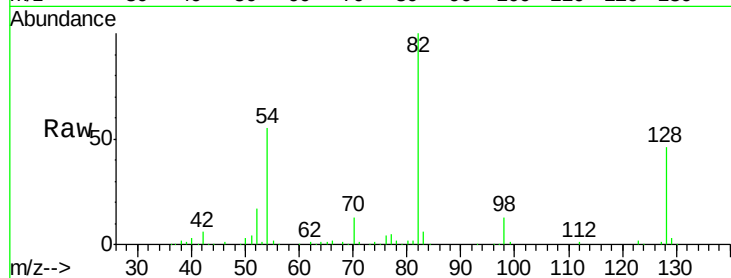
#23
Nitrobenzene-d5
Concen: 77.96 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	349597		
128	45.9	31.8	47.6	
54	54.7	48.6	72.8	

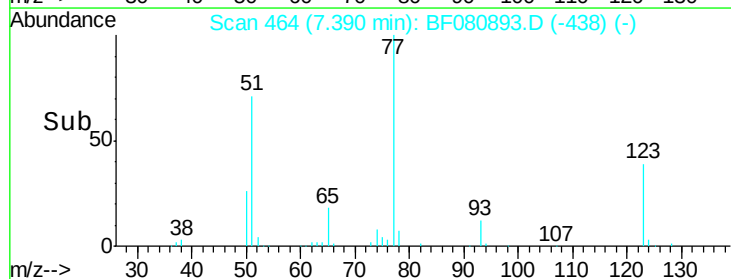
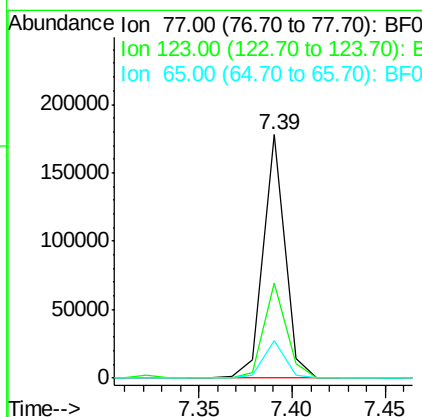
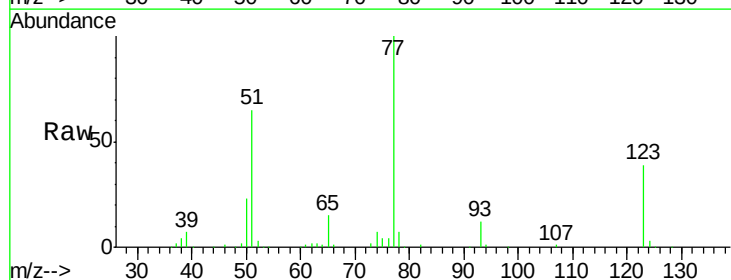
Manual Integrations
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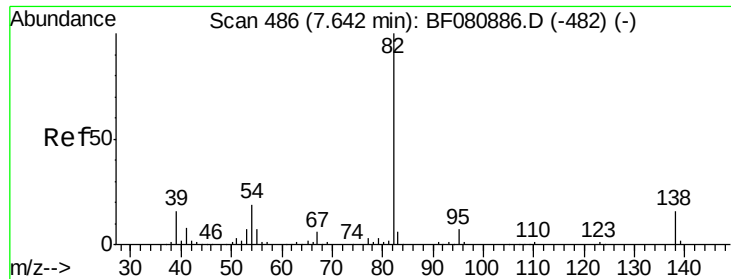
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#24
Nitrobenzene
Concen: 30.99 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	141651		
123	39.2	28.3	42.5	
65	15.3	12.5	18.7	





#25

Isophorone

Concen: 29.13 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

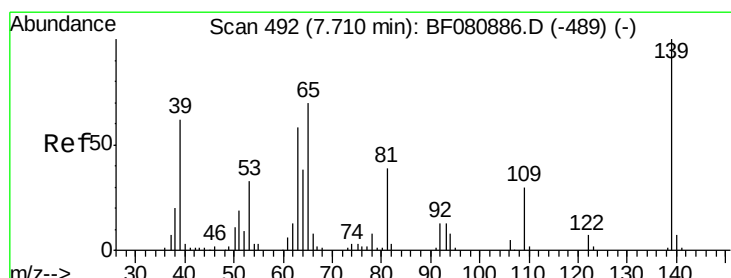
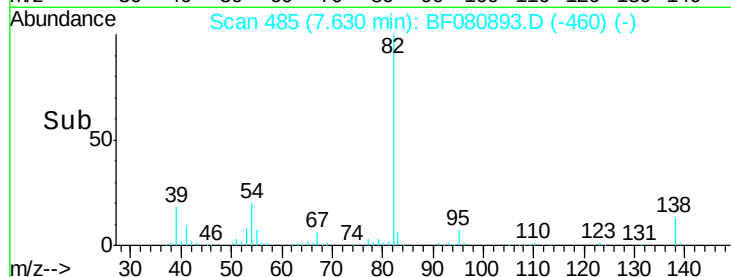
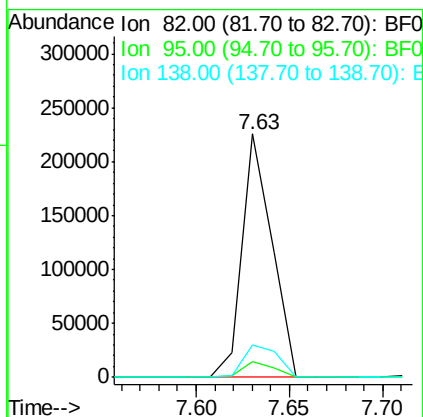
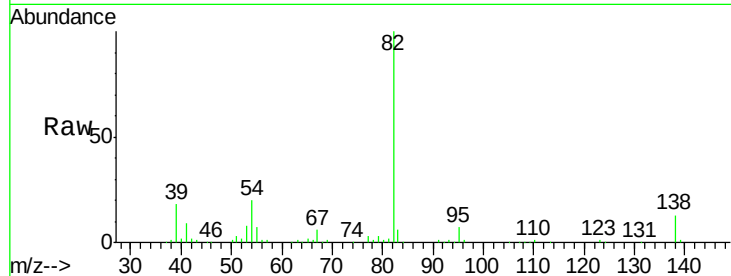
ClientSampleId :

PB84659BS

Tot Ion:	82	Resp:	250364
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.7	8.5
138	13.5	13.0	19.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.41 ng

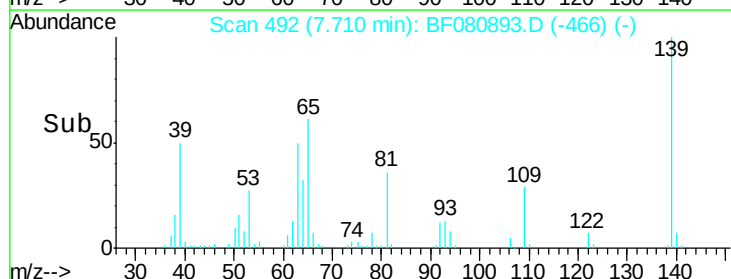
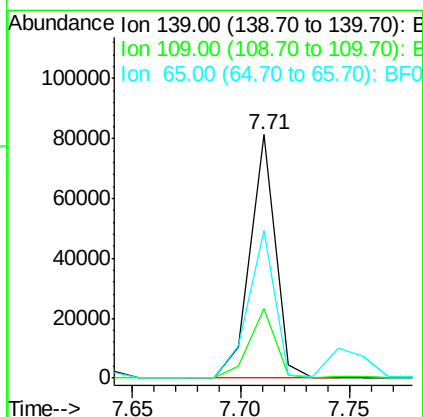
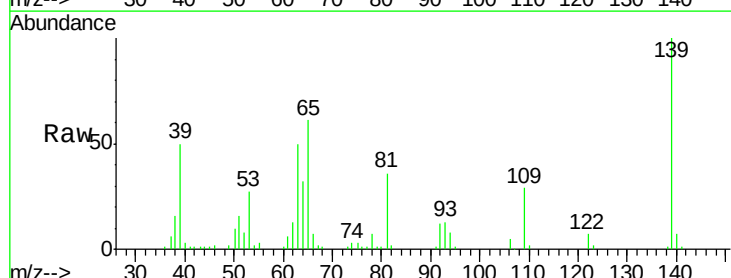
RT: 7.71 min Scan# 492

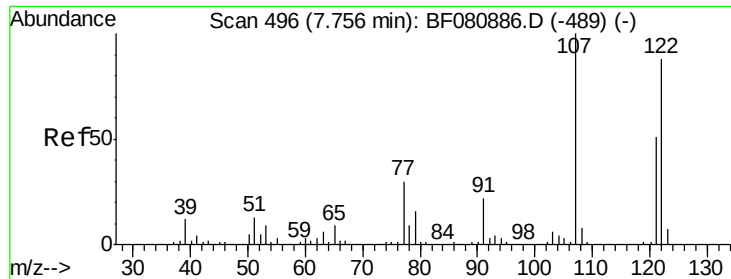
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	139	Resp:	65994
Ion Ratio		Lower	Upper
139	100		
109	28.7	24.2	36.4
65	60.9	55.6	83.4





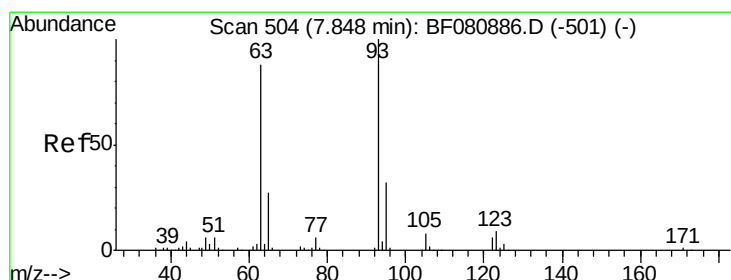
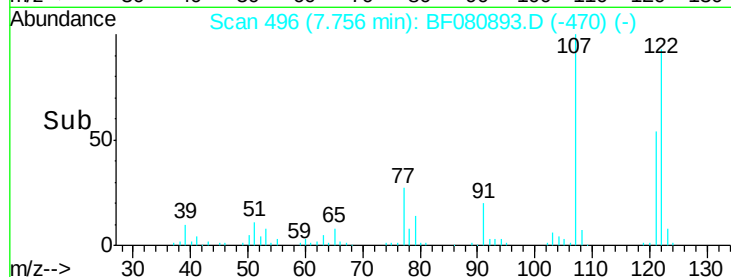
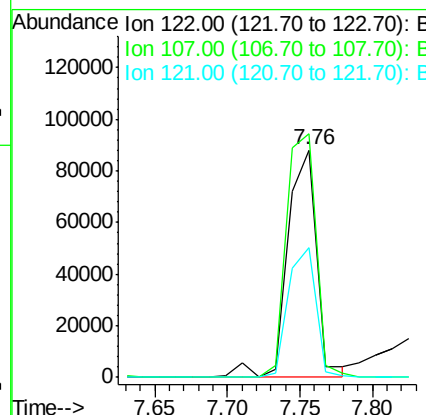
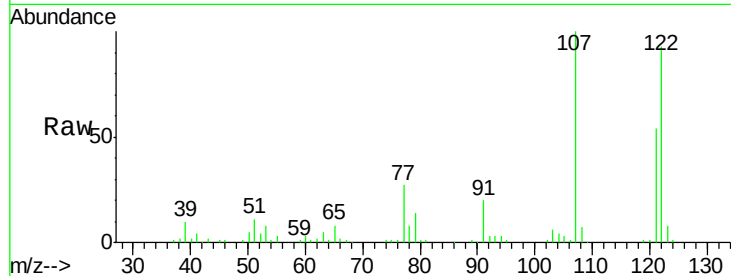
#27
2,4-Dimethylphenol
Concen: 33.14 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		121961		
107	107.3	91.1	136.7		
121	57.4	46.2	69.4		

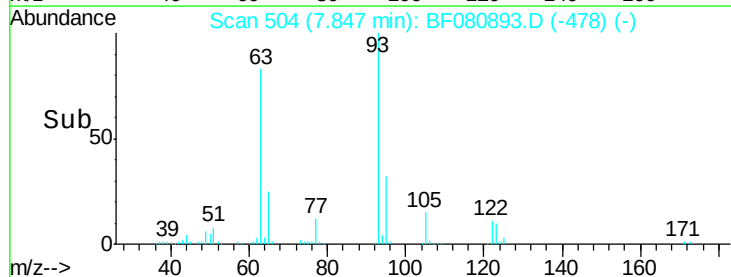
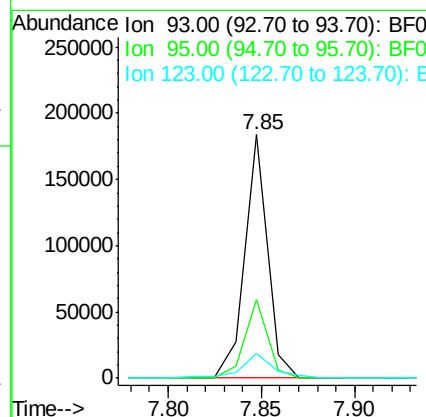
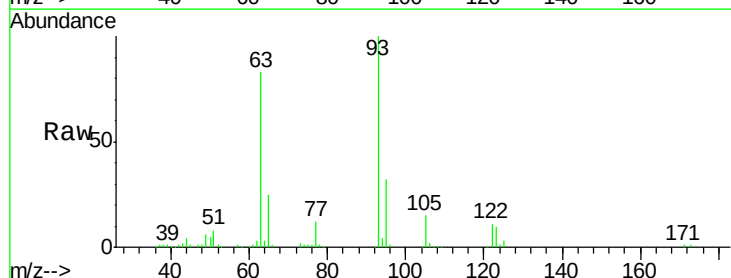
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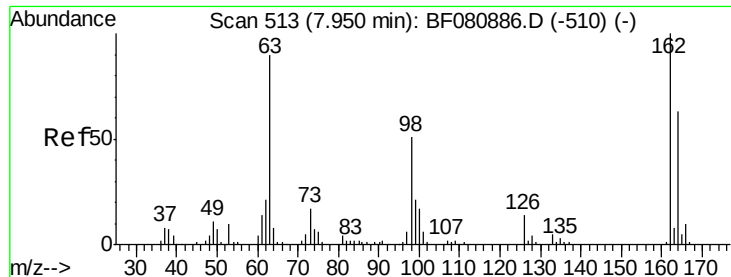
MMDadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 30.78 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		156819		
95	32.4	25.5	38.3		
123	10.3	7.6	11.4		





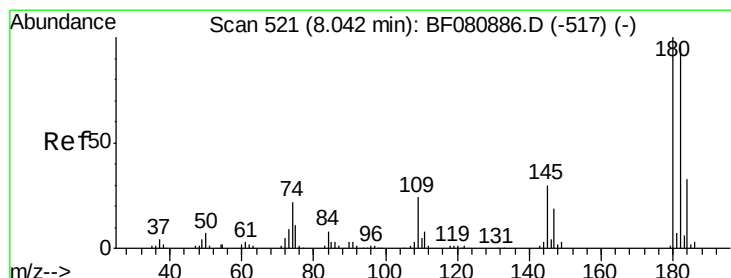
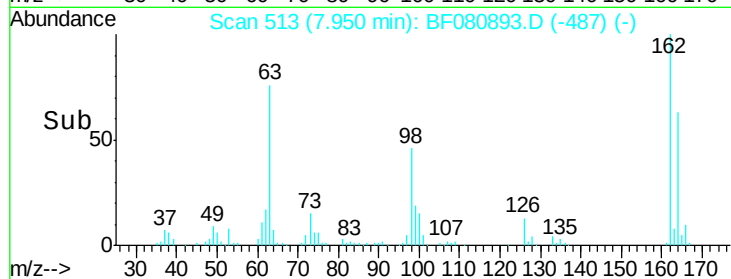
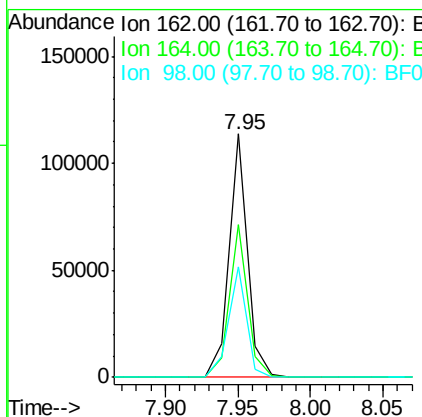
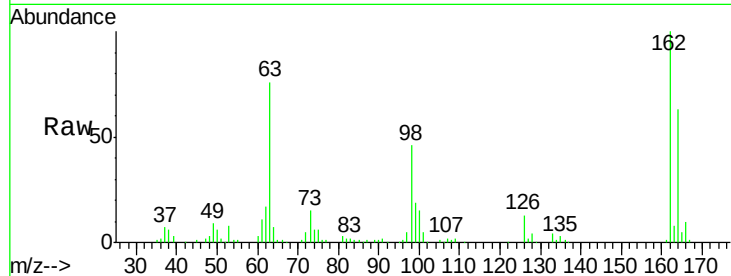
#29
 2,4-Dichlorophenol
 Concen: 34.12 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		100109		
164	62.8	43.4	83.4		
98	45.6	30.9	70.9		

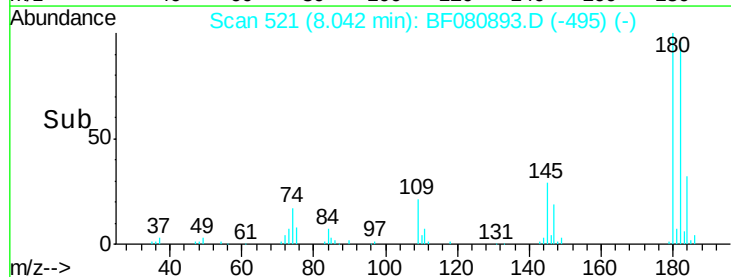
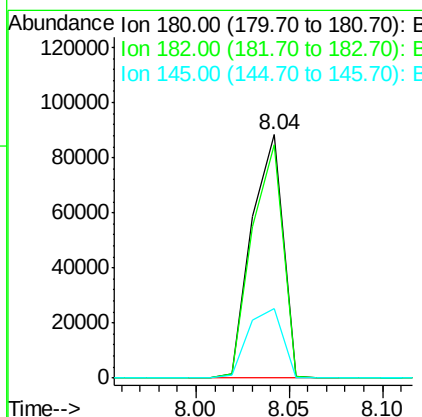
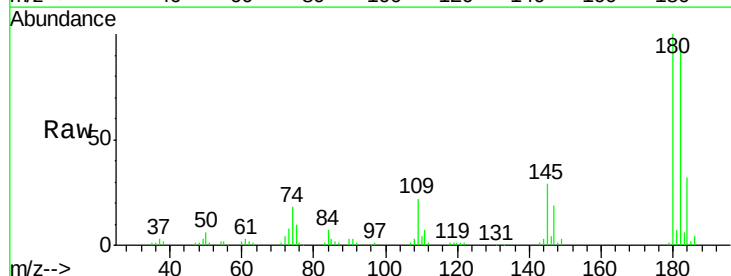
Manual Integrations
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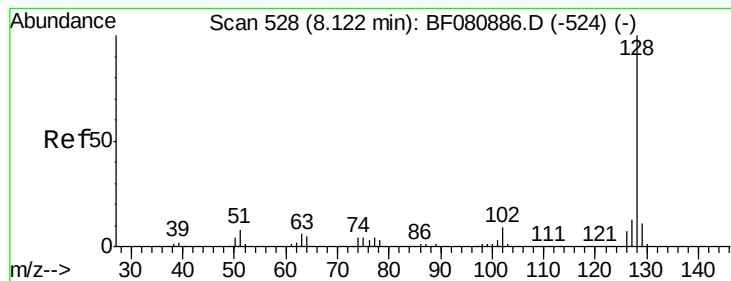
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.57 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		102688		
182	95.8	76.8	115.2		
145	28.6	24.2	36.2		





#31

Naphthalene

Concen: 30.67 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

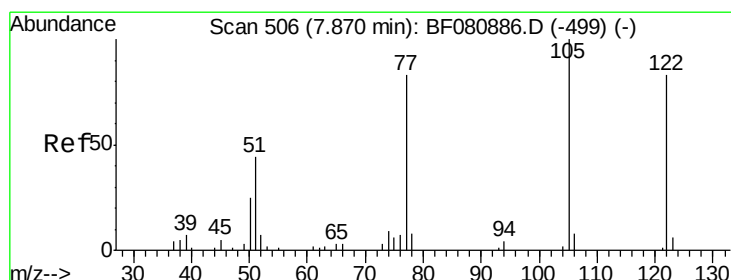
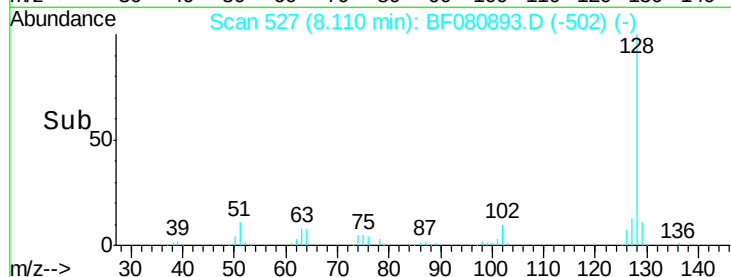
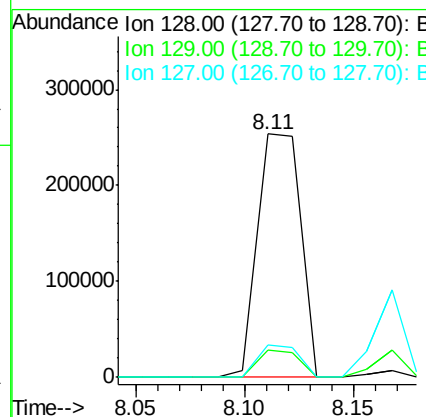
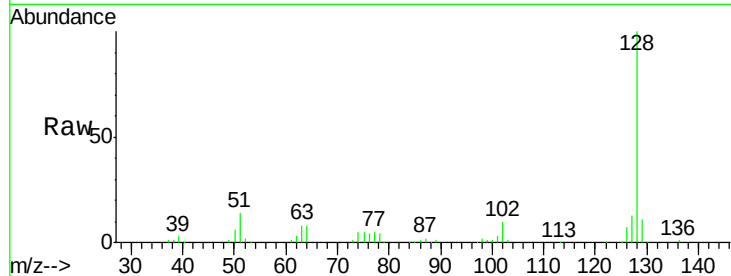
ClientSampleId :

PB84659BS

Tot Ion:	128	Resp:	351572
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	13.0
127	13.2	10.6	15.8

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#32

Benzoic acid

Concen: 43.14 ng

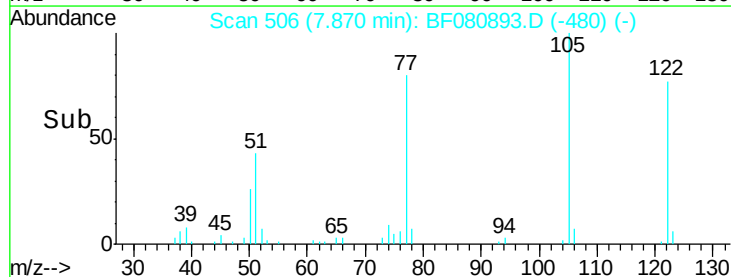
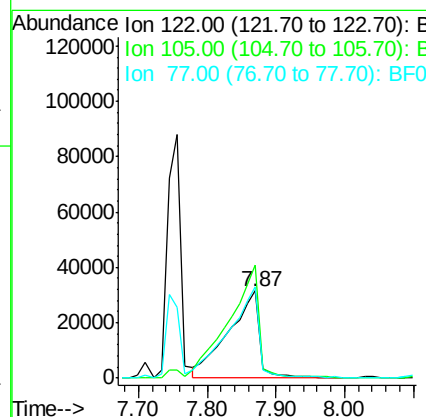
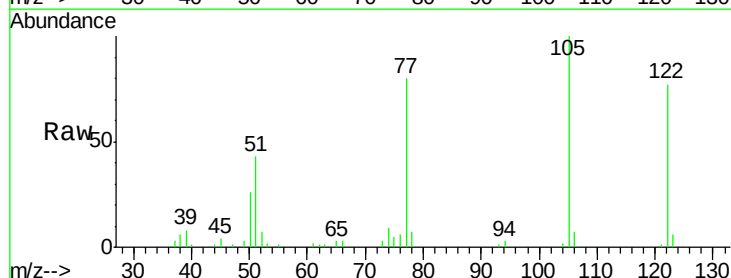
RT: 7.87 min Scan# 506

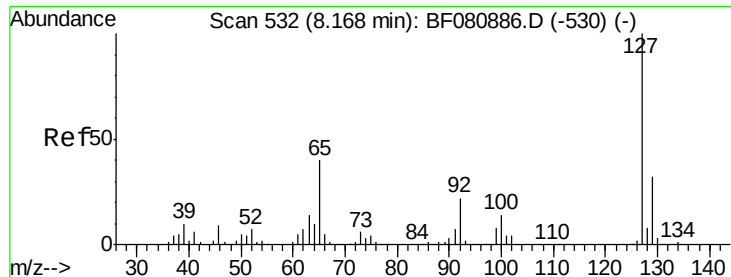
Delta R.T. 0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	122	Resp:	100975
Ion Ratio	Lower	Upper	
122	100		
105	129.2	101.6	141.6
77	104.0	80.9	120.9





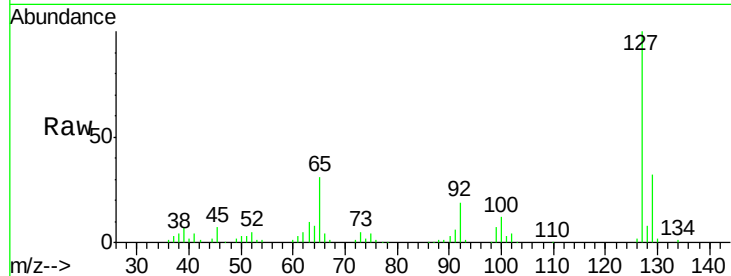
#33
4-Chloroaniline
Concen: 18.43 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

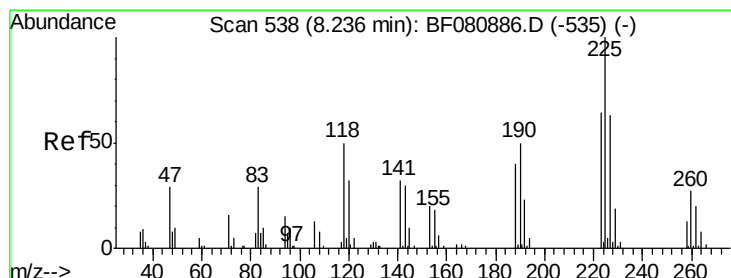
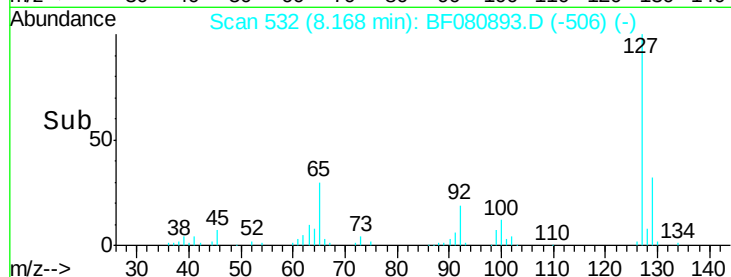
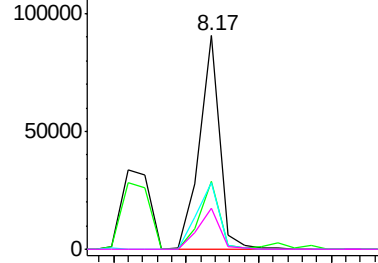
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.8	38.8		
65	31.3	31.7	47.5		
92	19.1	17.6	26.4		

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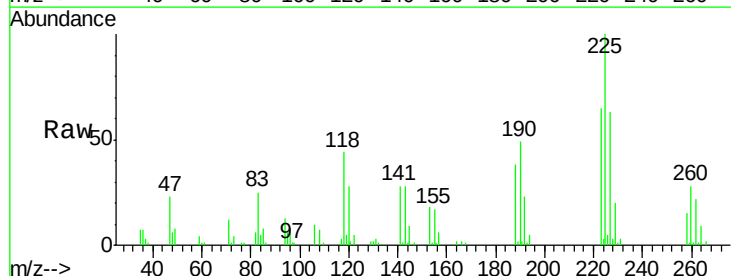


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

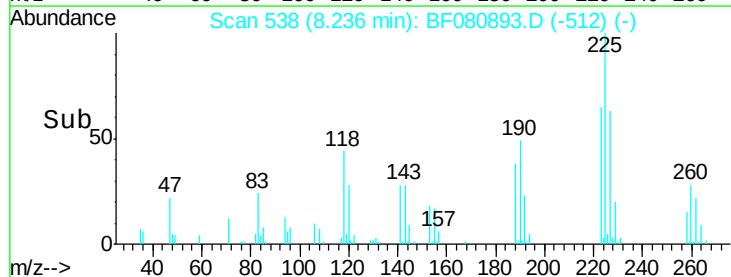
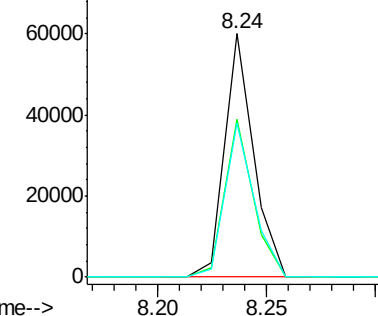


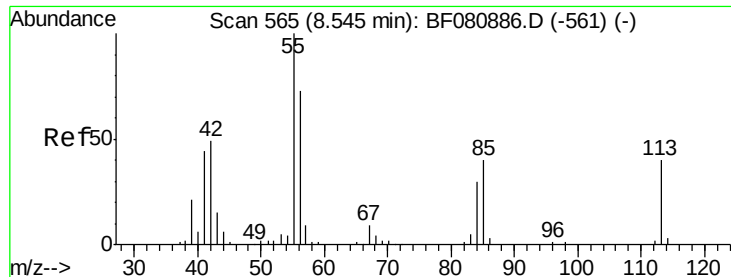
#34
Hexachlorobutadiene
Concen: 30.04 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	51.2	76.8		
227	63.2	50.4	75.6		



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





#35

Caprolactam

Concen: 42.95 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

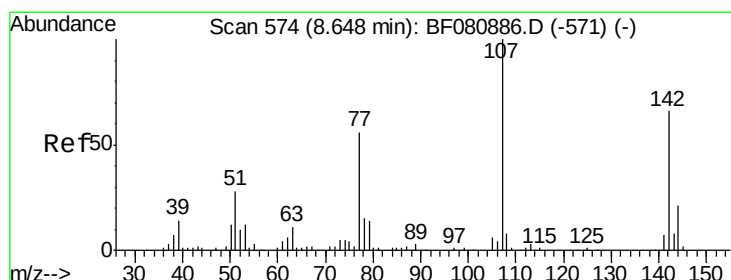
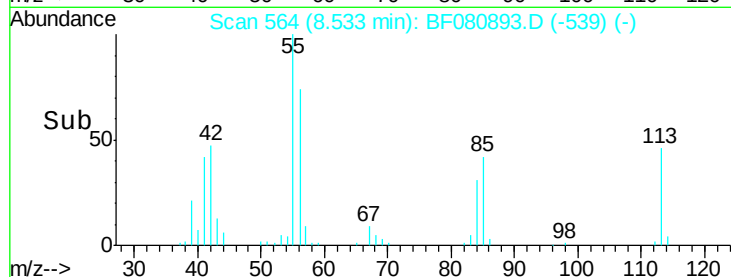
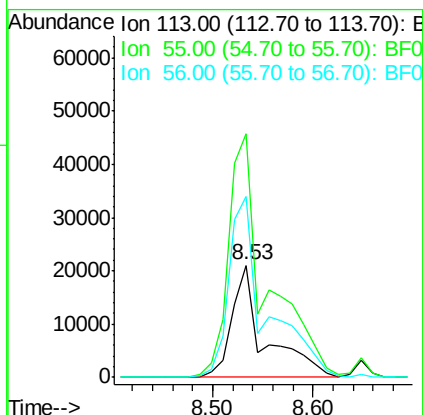
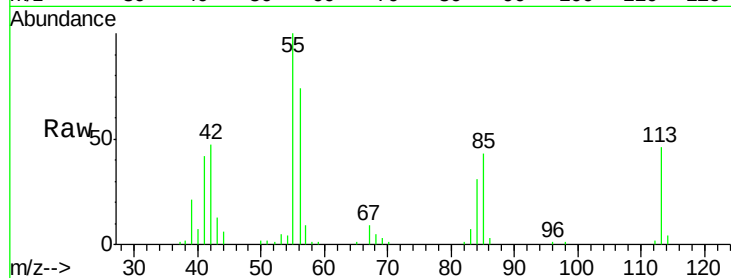
ClientSampleId :

PB84659BS

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Tot Ion:	113	Resp:	47038
Ion Ratio	Lower	Upper	
113	100		
55	216.8	228.4	268.4#
56	160.8	161.5	201.5#



#36

4-Chloro-3-methylphenol

Concen: 33.41 ng

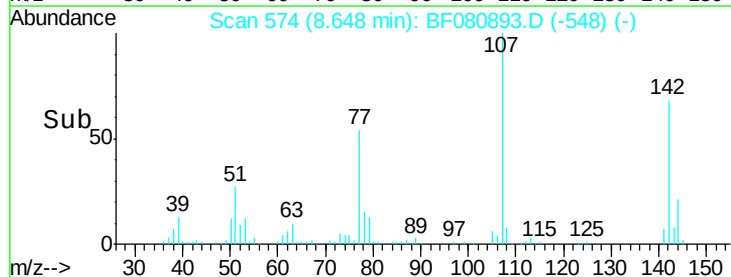
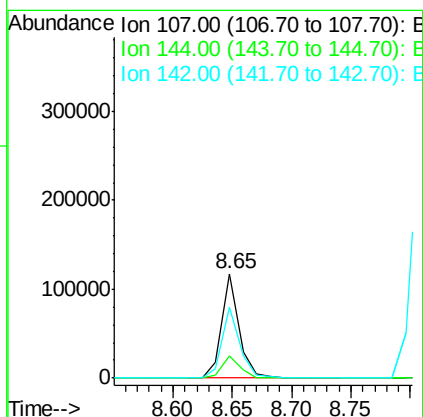
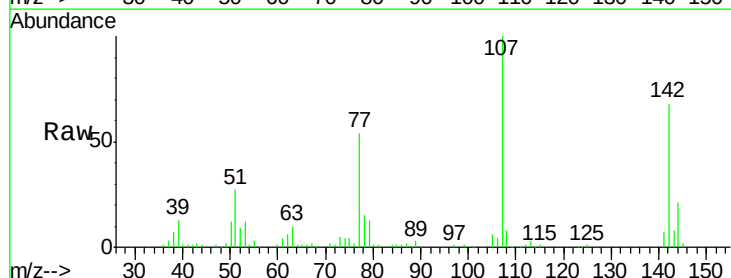
RT: 8.65 min Scan# 574

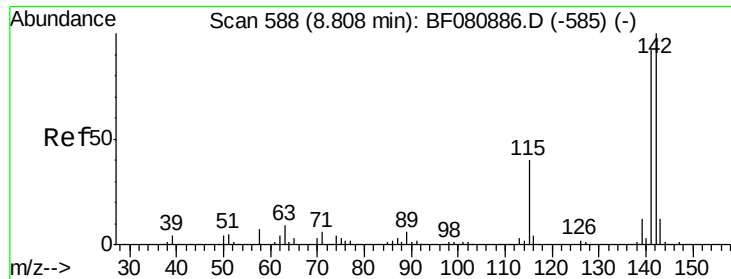
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	107	Resp:	118047
Ion Ratio	Lower	Upper	
107	100		
144	21.1	17.0	25.6
142	67.5	52.6	78.8





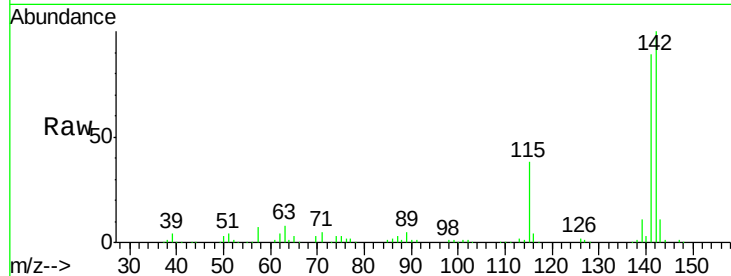
#37
2-Methylnaphthalene
Concen: 33.29 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

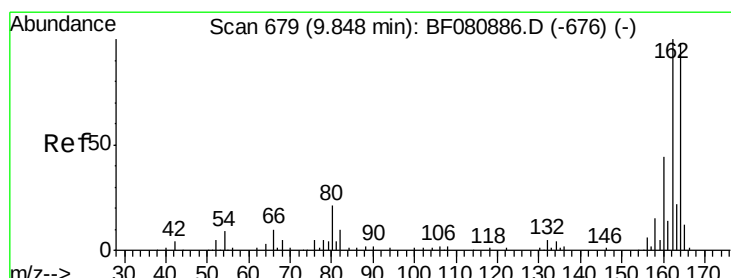
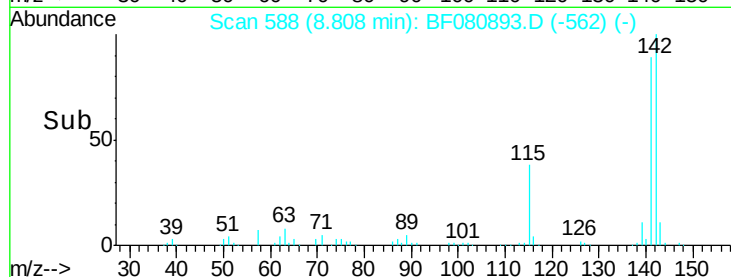
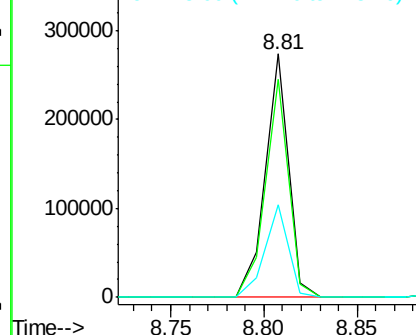
Tot Ion	Ratio	Resp	Lower	Upper
142	100	235295		
141	89.3	73.5	110.3	
115	37.9	32.1	48.1	

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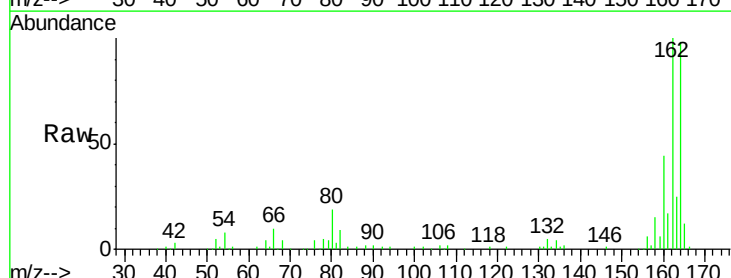


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

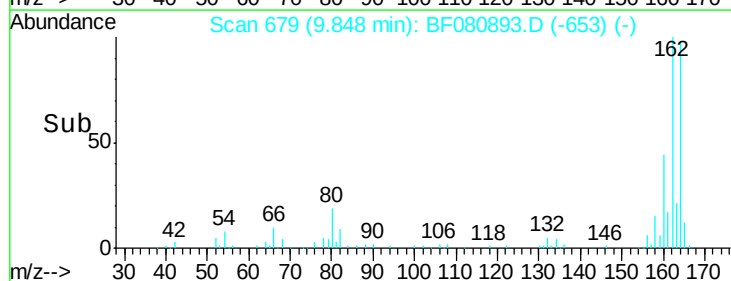
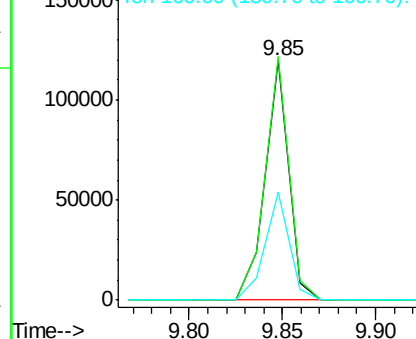


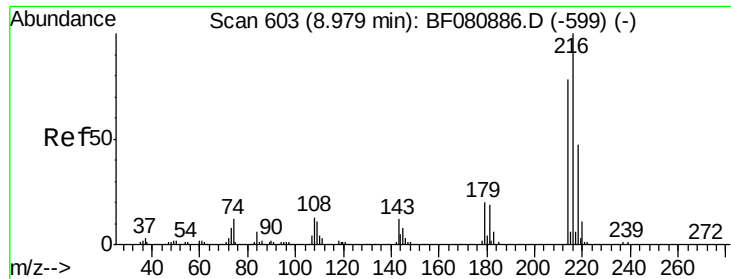
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104635		
162	101.8	81.5	122.3	
160	45.1	35.9	53.9	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.80 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

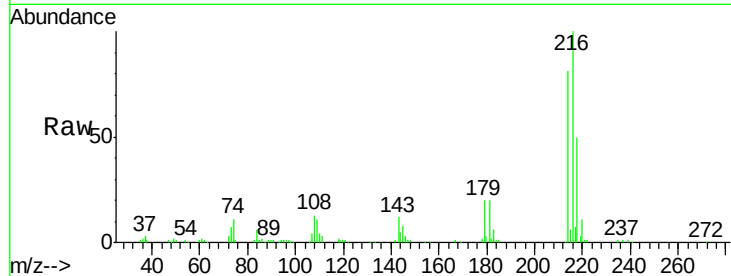
ClientSampleId :

PB84659BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		120474		
214	80.4	62.8	94.2		
179	21.7	17.0	25.6		
108	22.5	16.7	25.1		

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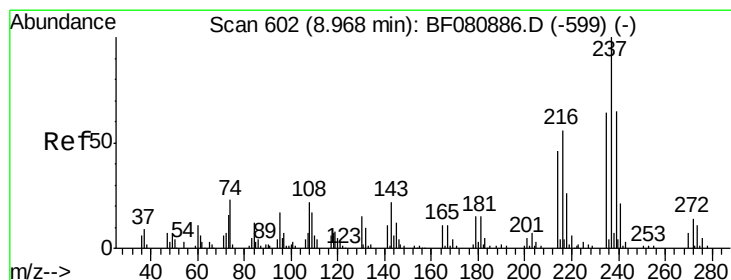
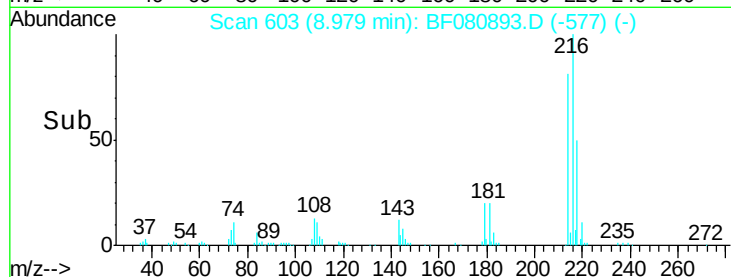
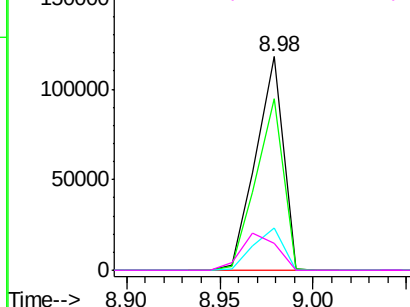


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.08 ng

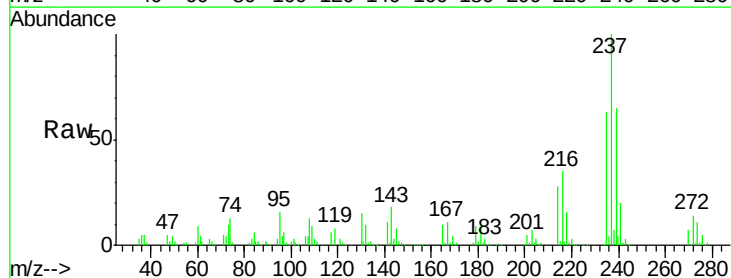
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

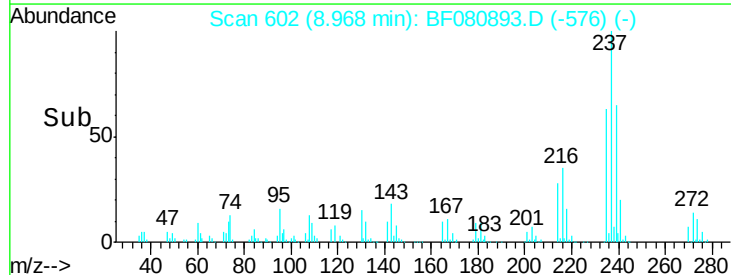
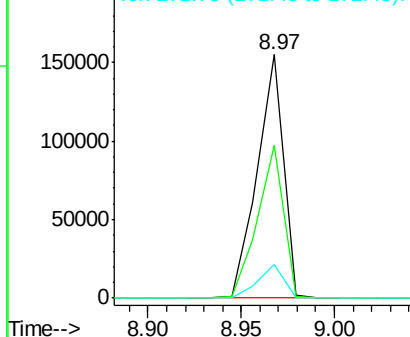
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		150107		
235	62.8	43.7	83.7		
272	14.0	0.0	33.8		

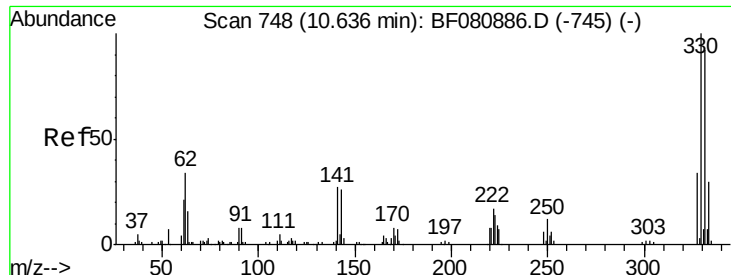


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





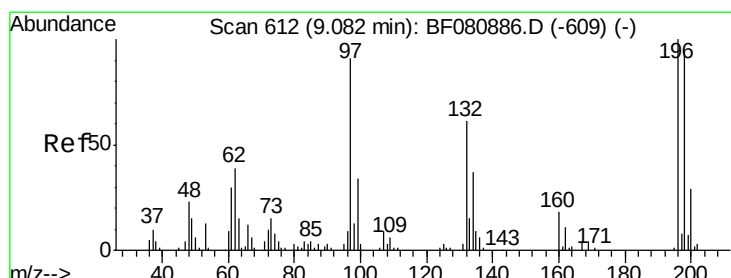
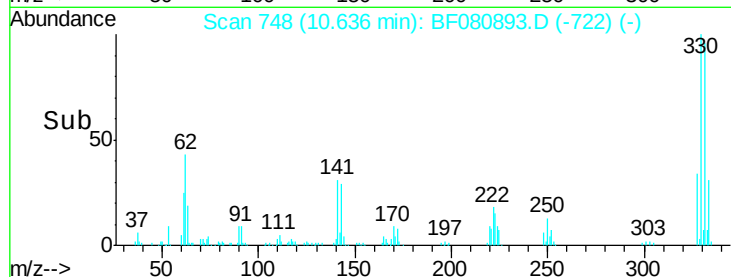
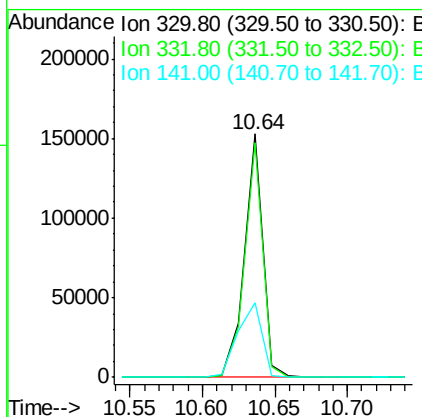
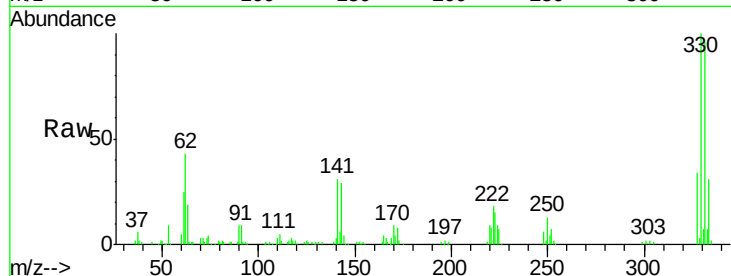
#41
 2,4,6-Tribromophenol
 Concen: 120.03 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	134908		
332	95.8	74.1	111.1	
141	40.0	30.1	45.1	

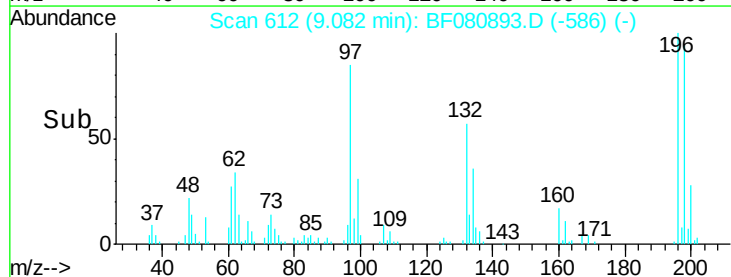
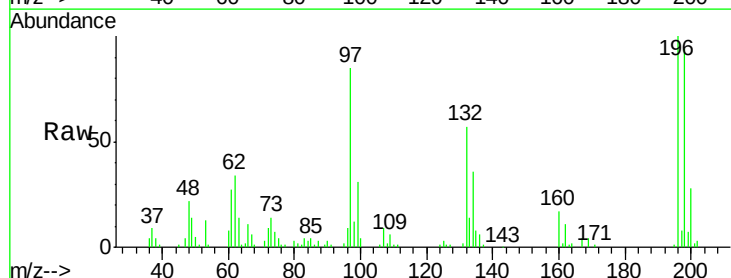
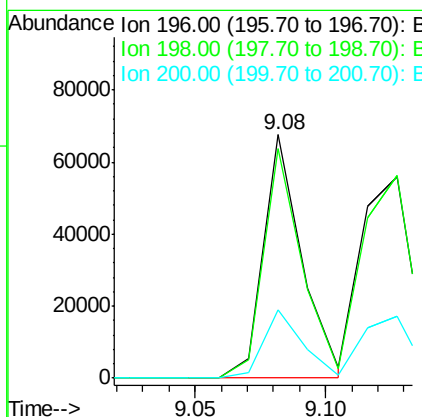
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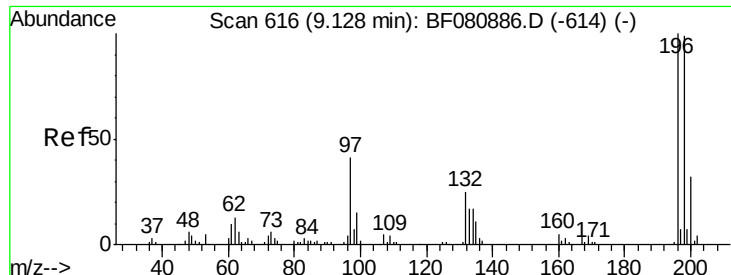
MMDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 29.48 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

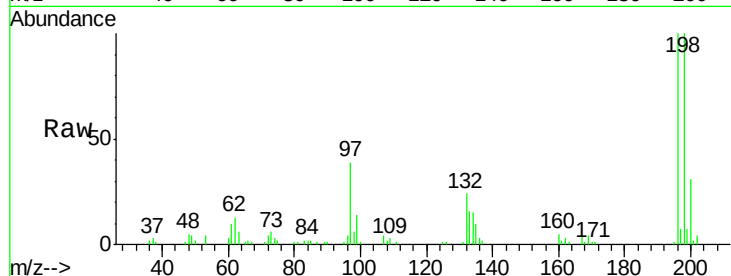
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69312		
198	94.1	74.9	112.3	
200	28.3	23.2	34.8	





#43
 2,4,5-Trichlorophenol
 Concen: 31.19 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

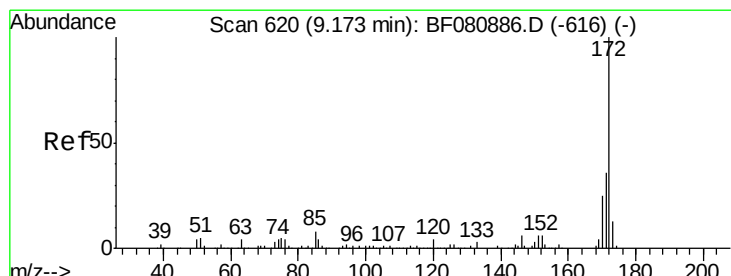
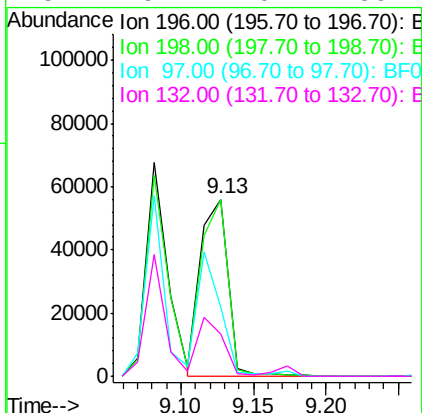
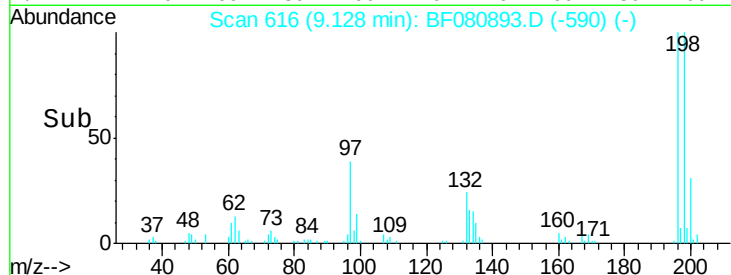
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS



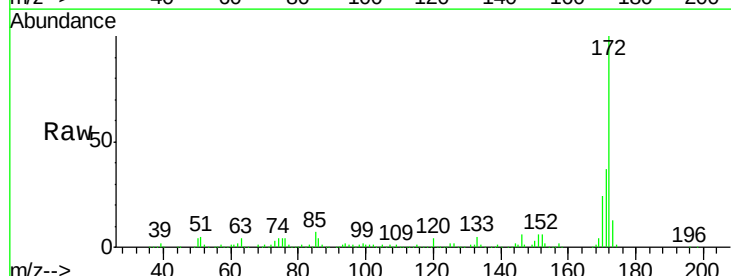
Tot Ion:	196	Resp:	74353
Ion Ratio	Lower	Upper	
196	100		
198	100.3	78.7	118.1
97	39.0	33.9	50.9
132	23.7	20.1	30.1

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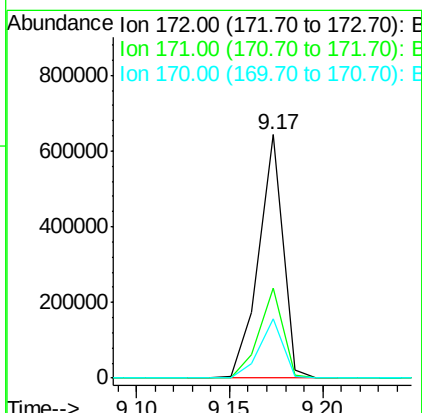
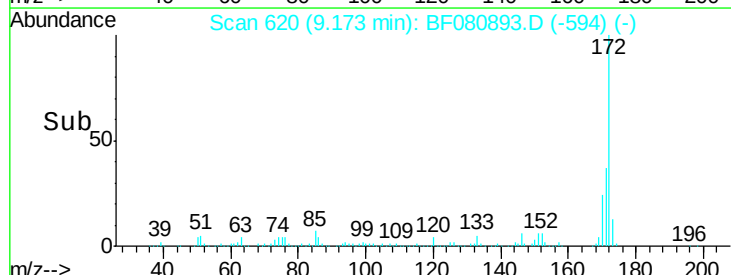
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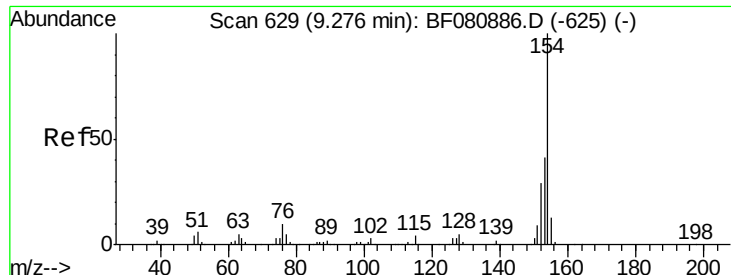


#44
 2-Fluorobiphenyl
 Concen: 78.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26



Tgt Ion:	172	Resp:	579520
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.0	43.4
170	24.5	19.9	29.9





#45

1,1'-Biphenyl

Concen: 42.03 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

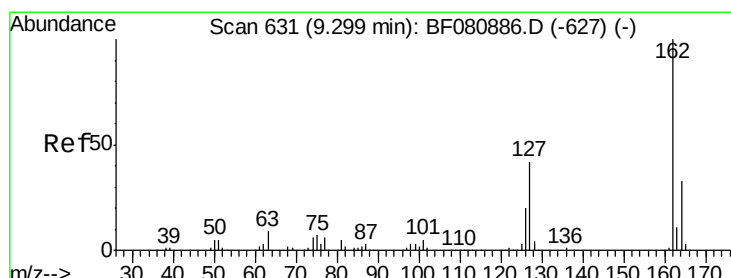
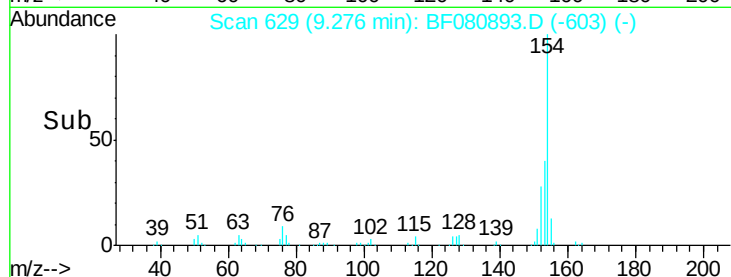
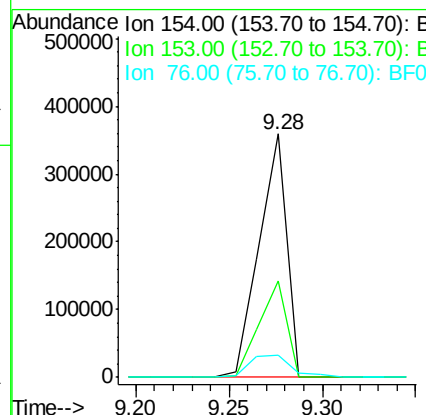
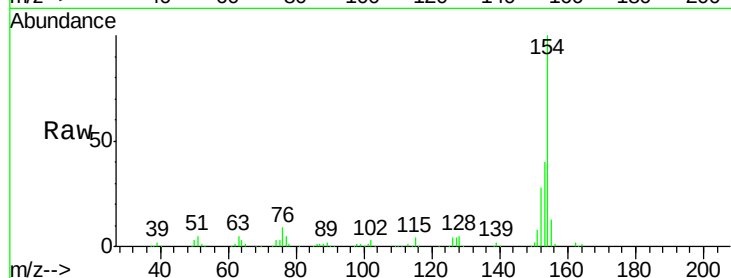
ClientSampleId :

PB84659BS

Tot Ion:	154	Resp:	372117
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.8	60.8
76	9.3	0.0	30.3

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#46

2-Chloronaphthalene

Concen: 31.10 ng

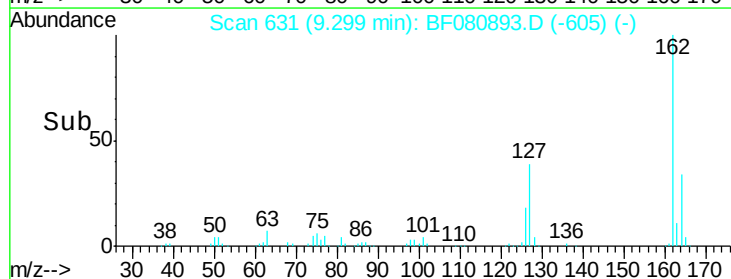
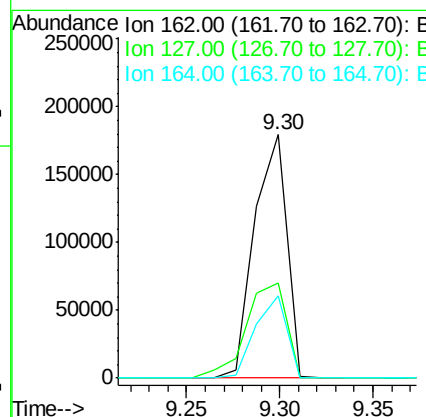
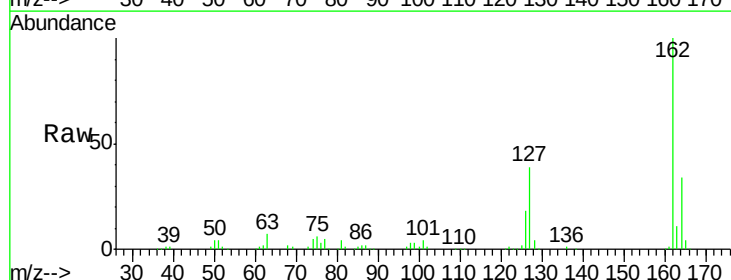
RT: 9.30 min Scan# 631

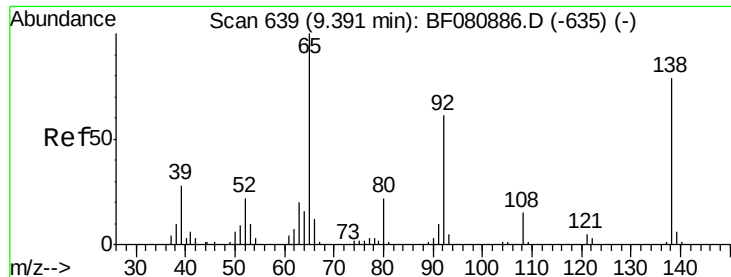
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	162	Resp:	215272
Ion Ratio	Lower	Upper	
162	100		
127	39.1	33.5	50.3
164	33.8	26.5	39.7





#47

2-Nitroaniline

Concen: 34.95 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

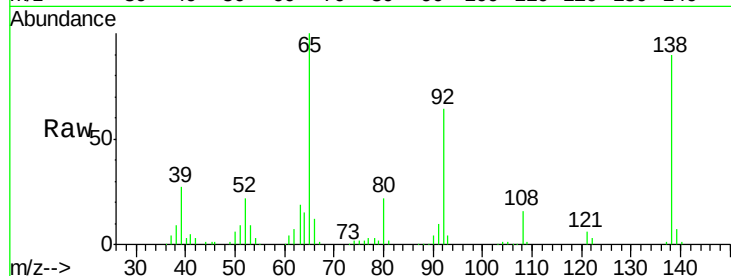
ClientSampleId :

PB84659BS

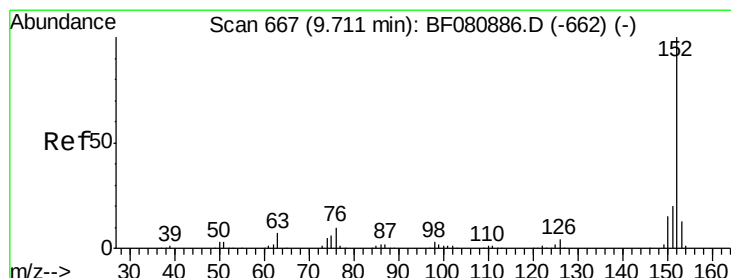
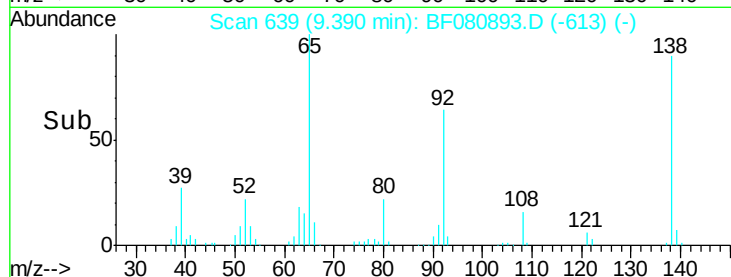
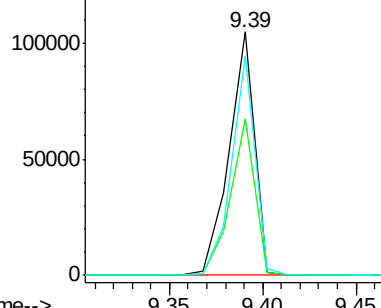
Tot Ion:	65	Resp:	98384
Ion Ratio	Lower	Upper	
65	100		
92	64.5	48.5	72.7
138	90.0	63.3	94.9

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



#48

Acenaphthylene

Concen: 32.01 ng

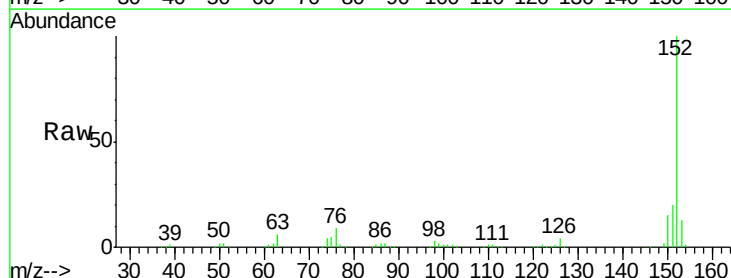
RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

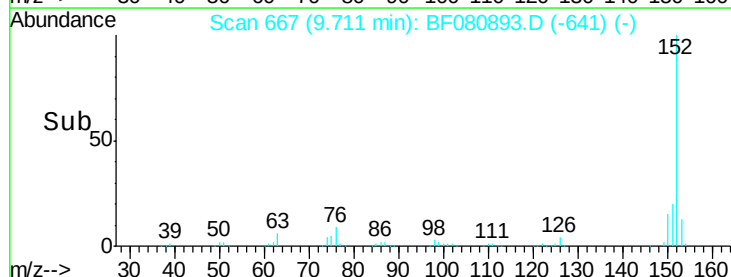
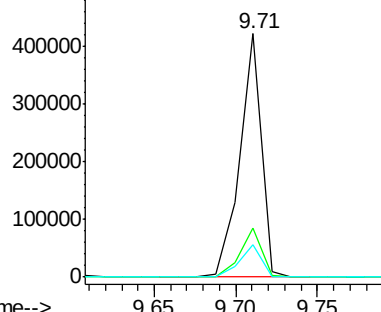
Lab File: BF080893.D

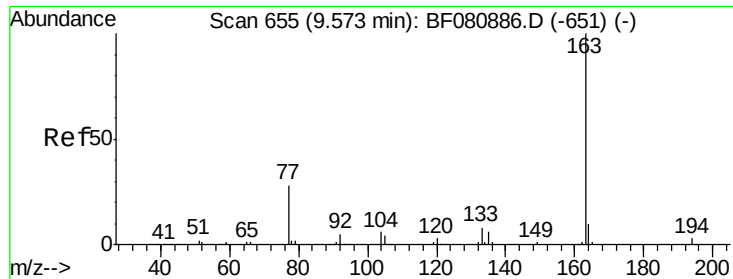
Acq: 6 Aug 2015 17:26

Tgt Ion:	152	Resp:	388576
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.4	24.6
153	13.3	10.6	16.0



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





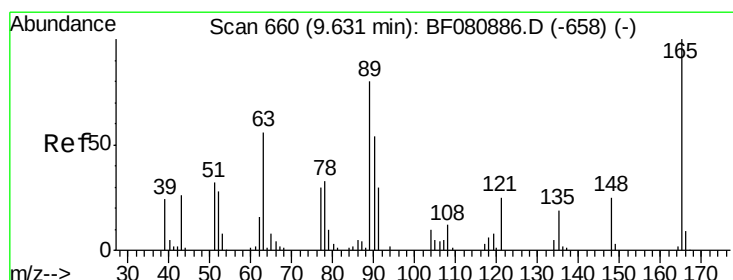
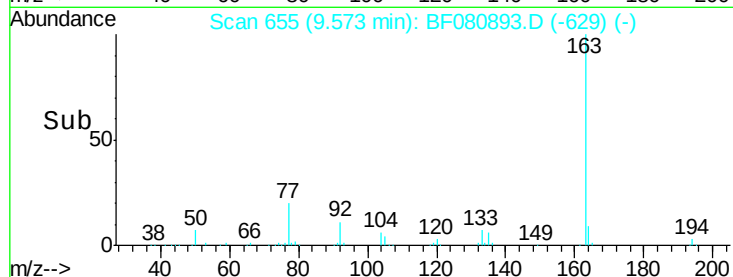
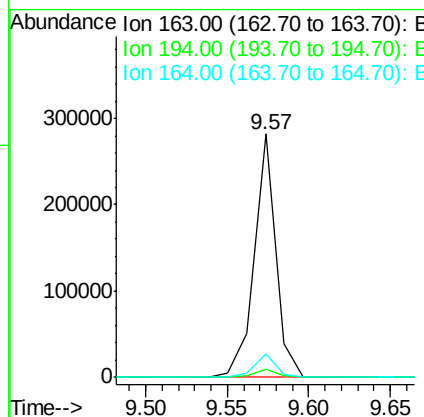
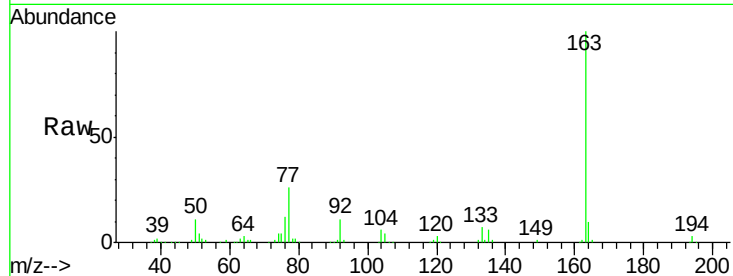
#49
Dimethylphthalate
Concen: 31.05 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.3	3.5
164	9.9	8.3	12.5

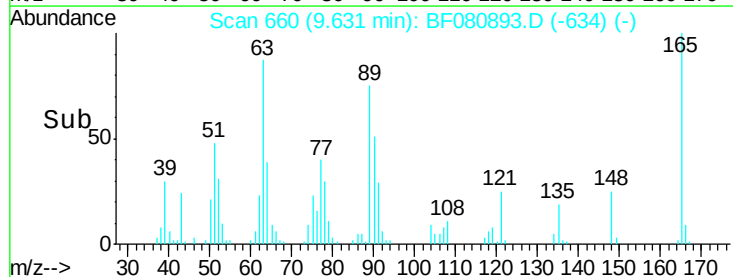
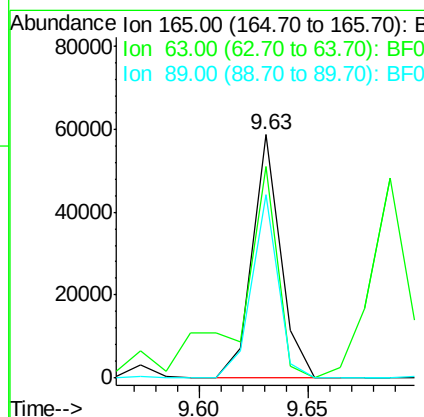
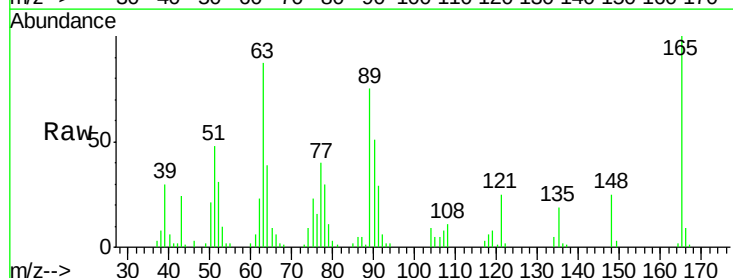
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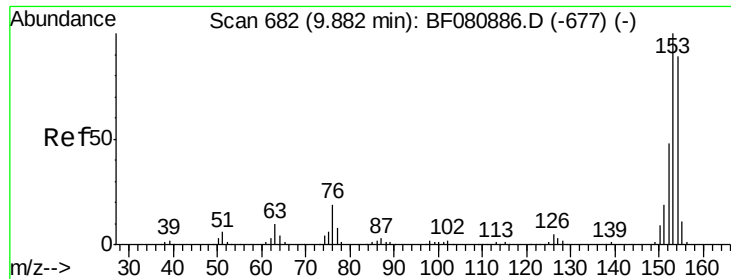
MMDadoda
8/10/2015 10:15:09 AM



#50
2,6-Dinitrotoluene
Concen: 29.76 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	87.1	77.6	116.4
89	75.2	63.7	95.5





#51

Acenaphthene

Concen: 36.88 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080893.D

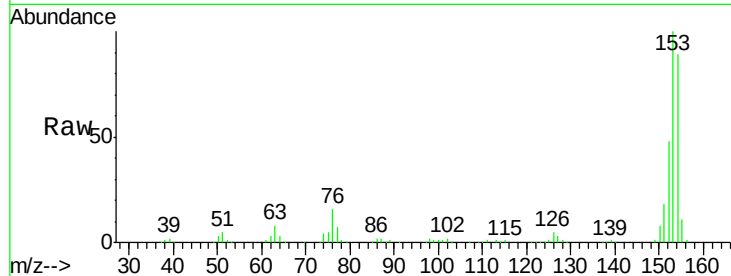
Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

ClientSampleId :

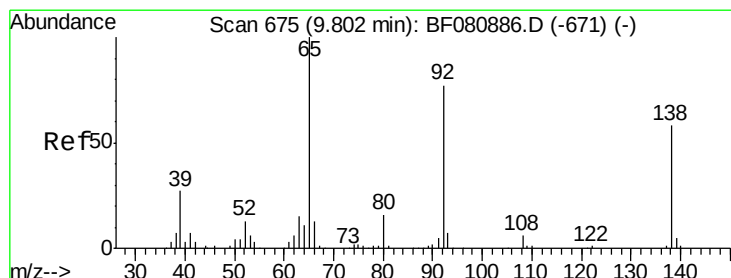
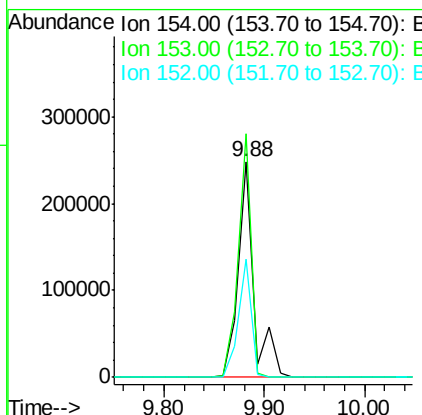
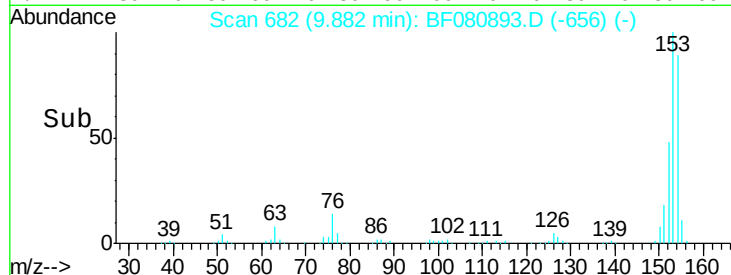
PB84659BS



Tot Ion:	154	Resp:	272034
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.4	135.6
152	54.7	43.6	65.4

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8/10/2015 10:15:09 AM



#52

3-Nitroaniline

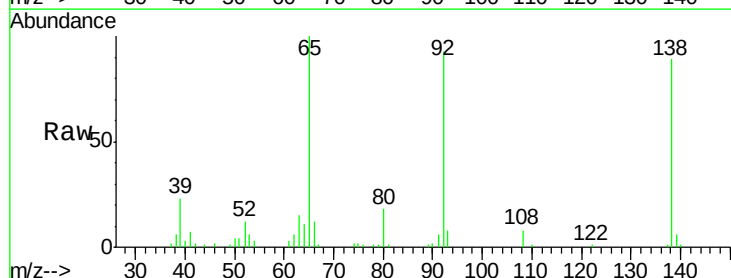
Concen: 20.41 ng

RT: 9.80 min Scan# 675

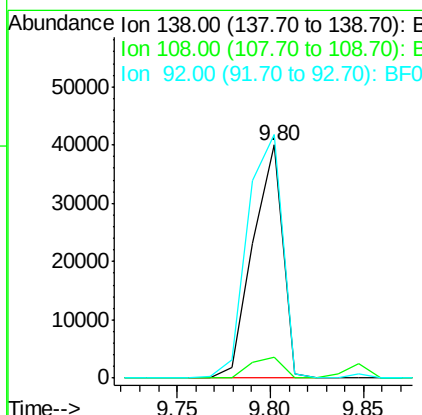
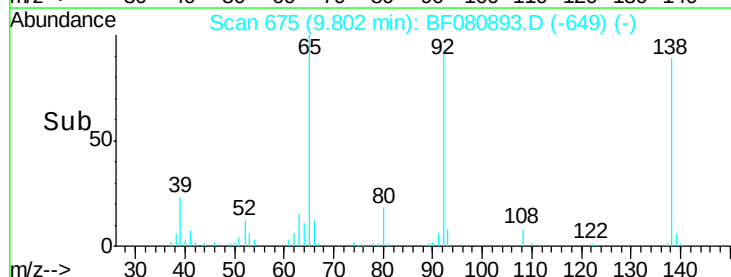
Delta R.T. -0.00 min

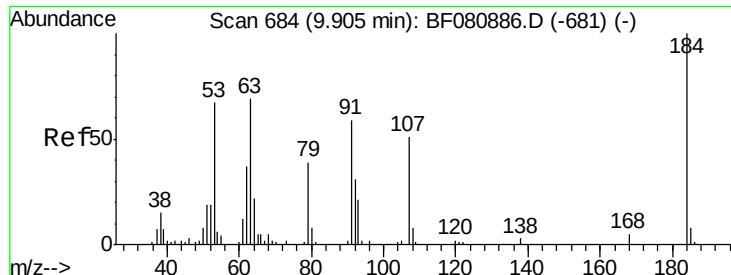
Lab File: BF080893.D

Acq: 6 Aug 2015 17:26



Tgt Ion:	138	Resp:	44961
Ion Ratio	Lower	Upper	
138	100		
108	9.2	8.9	13.3
92	104.5	106.2	159.2#





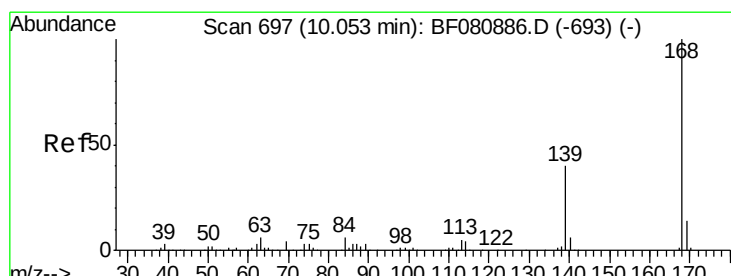
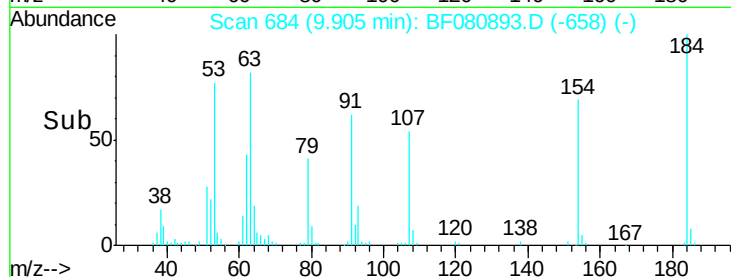
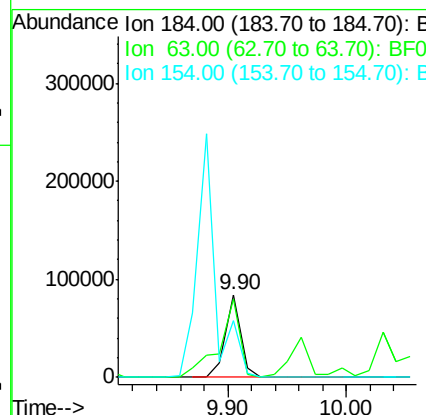
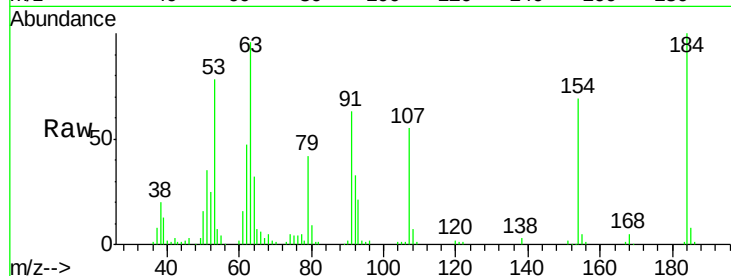
#53
 2,4-Dinitrophenol
 Concen: 78.15 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	76298		
63	95.5	67.6	101.4	
154	69.0	54.3	81.5	

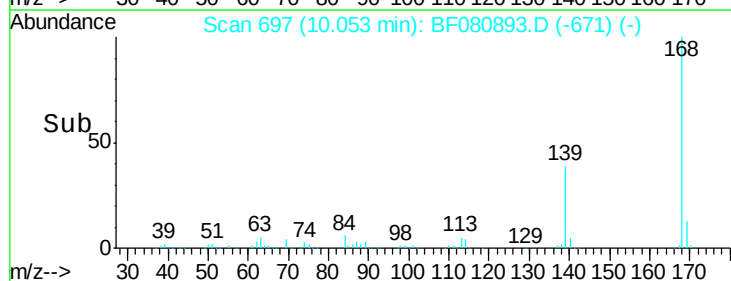
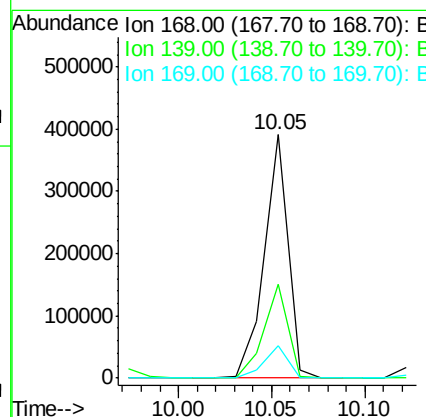
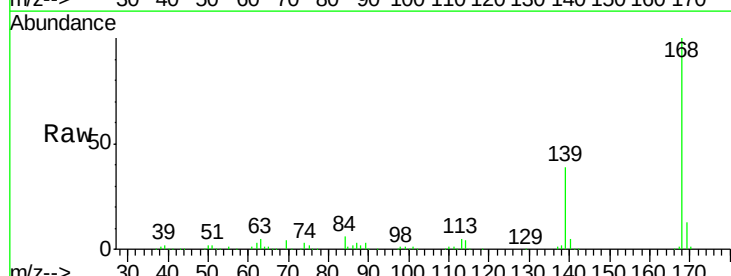
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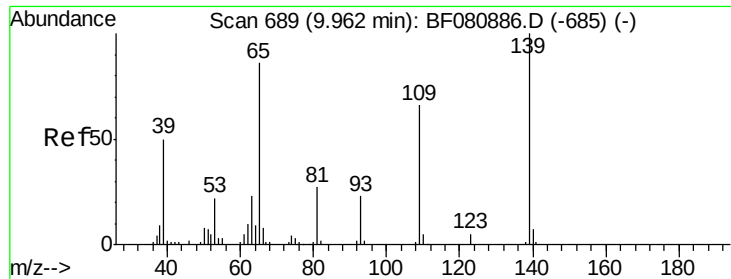
MMDadoda
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#54
 Dibenzofuran
 Concen: 34.15 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	341188		
139	38.6	31.8	47.8	
169	13.3	10.8	16.2	





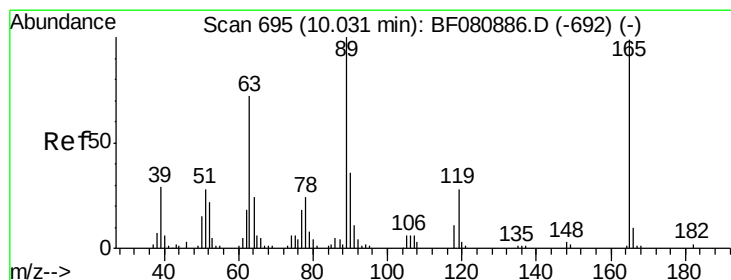
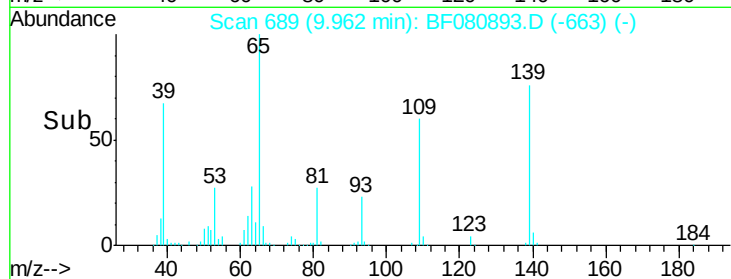
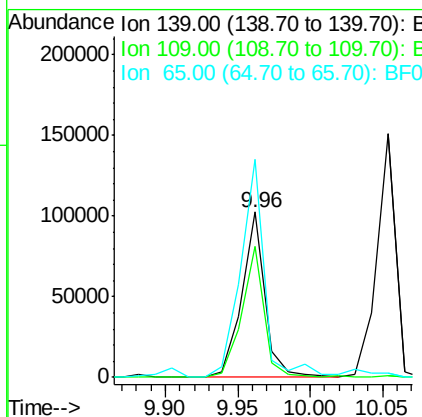
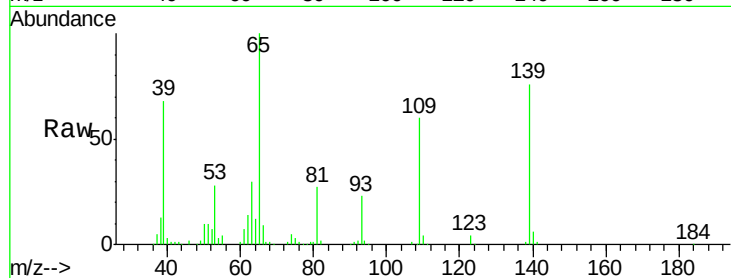
#55
4-Nitrophenol
Concen: 68.29 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	113542		
109	79.6	46.4	86.4	
65	131.8	65.6	105.6	

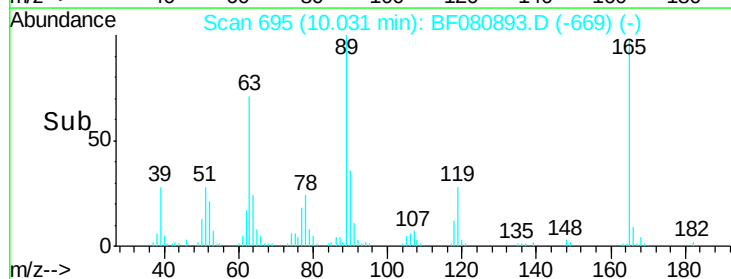
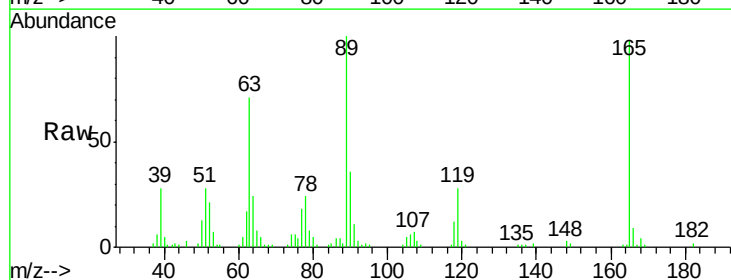
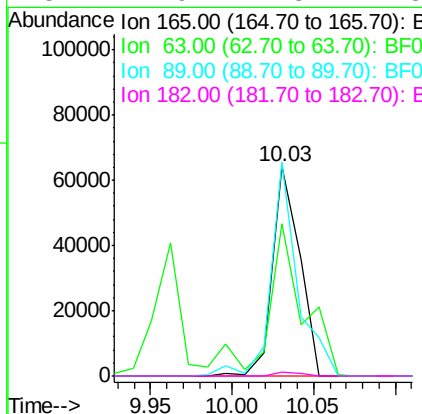
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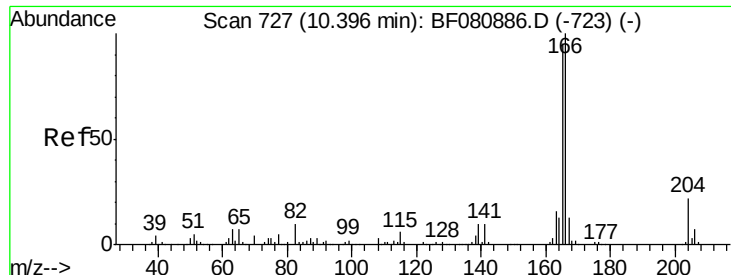
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 30.94 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	74153		
63	72.6	58.6	87.8	
89	102.0	80.7	121.1	
182	1.9	1.8	2.8	





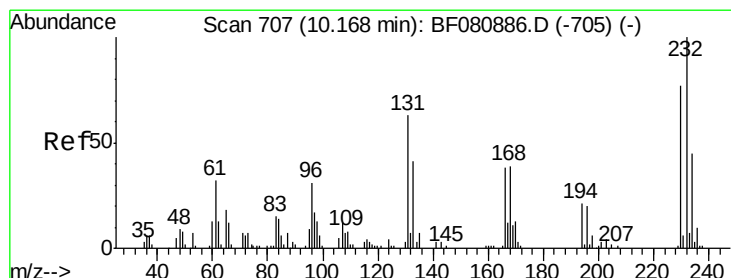
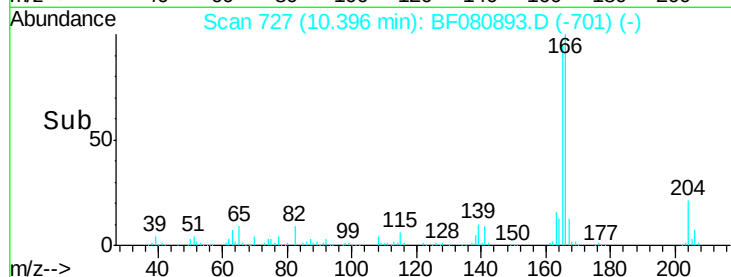
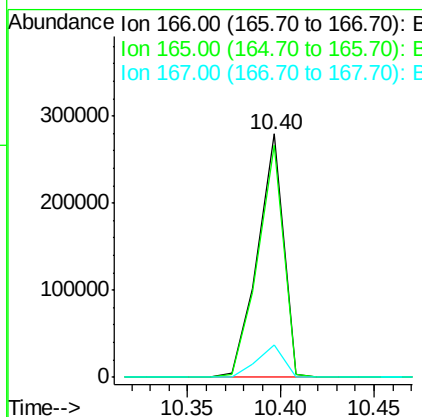
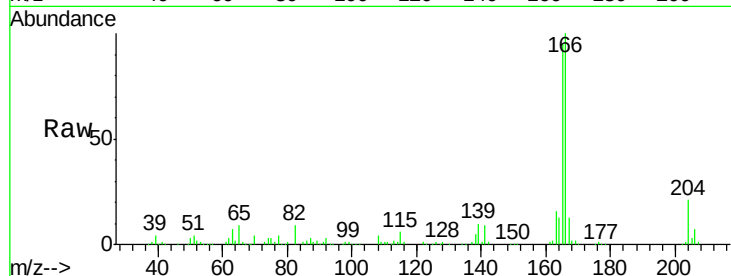
#57
Fluorene
 Concen: 34.03 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:	166	Resp:	265982
Ion Ratio		Lower	Upper
166	100		
165	95.1	75.9	113.9
167	13.2	10.8	16.2

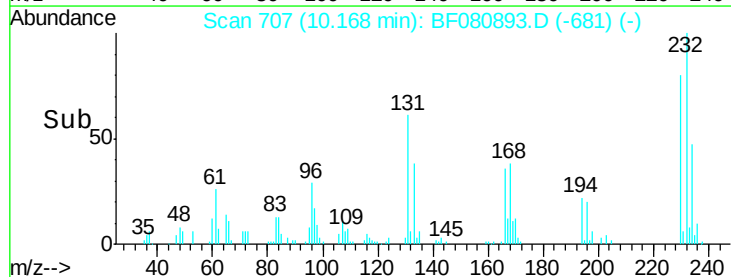
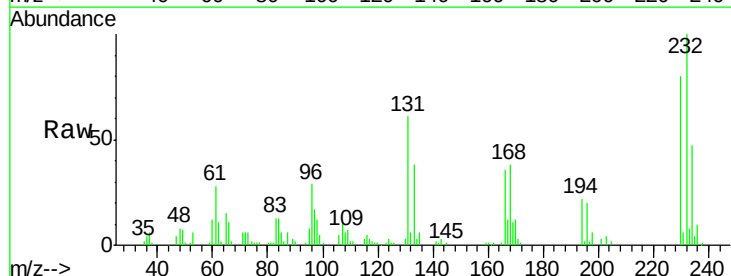
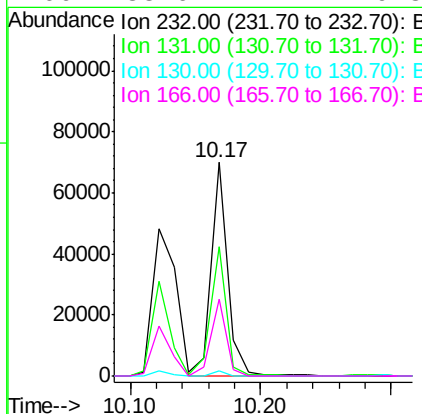
Manual Integrations
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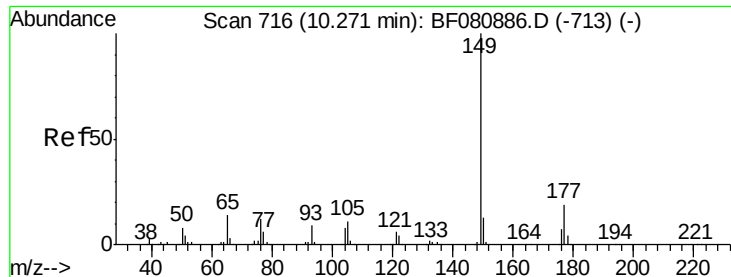
MMDadoda
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 32.58 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion:	232	Resp:	61985
Ion Ratio		Lower	Upper
232	100		
131	57.8	44.9	67.3
130	2.1	1.9	2.9
166	33.6	27.2	40.8





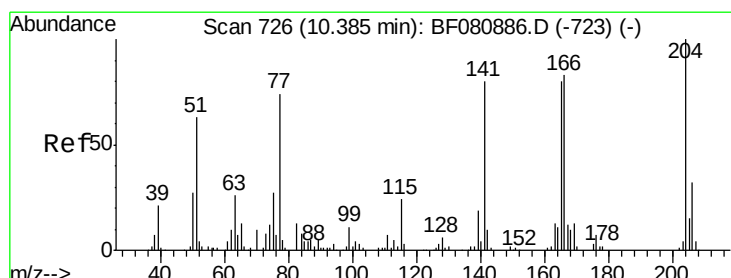
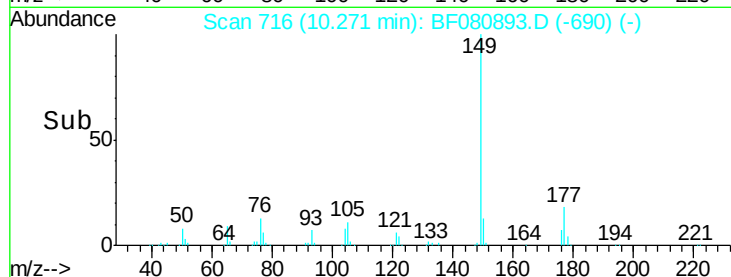
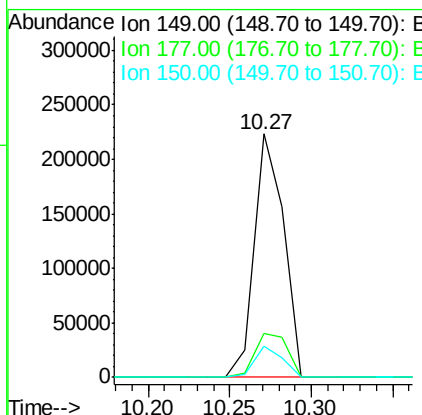
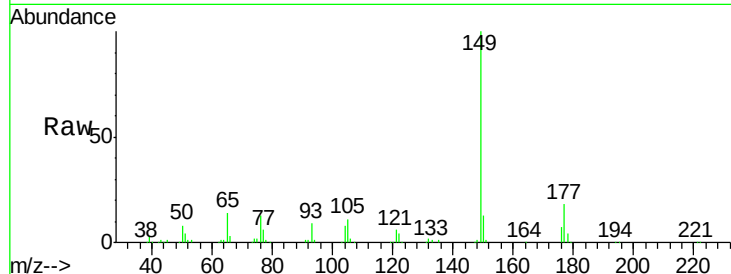
#59
Diethylphthalate
Concen: 30.79 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		278664		
177	18.1		14.9	22.3	
150	12.8		10.1	15.1	

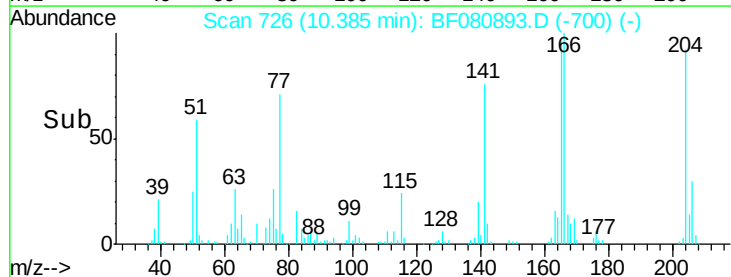
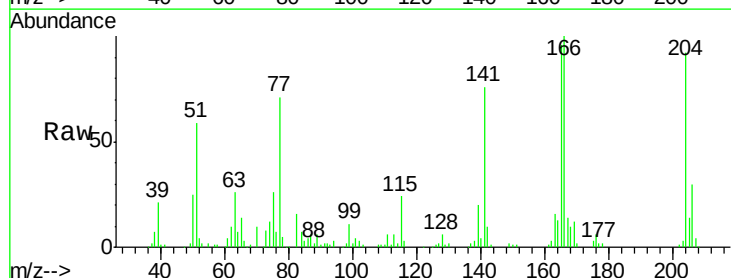
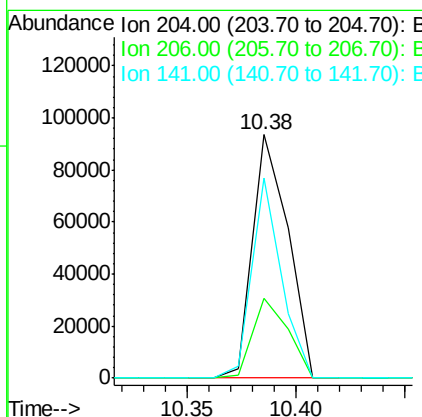
Manual Integrations
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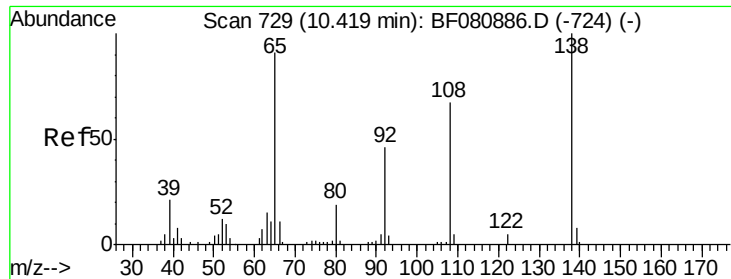
MMDadoda
8/10/2015 10:15:09 AM



#60
4-Chlorophenyl-phenylether
Concen: 28.99 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		106192		
206	32.6		25.8	38.6	
141	81.9		63.8	95.6	





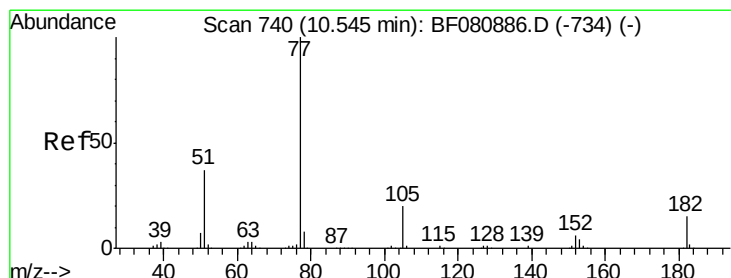
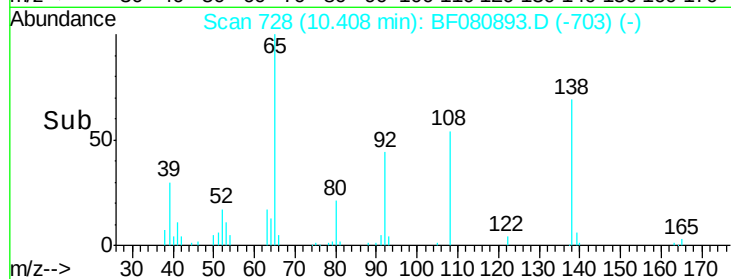
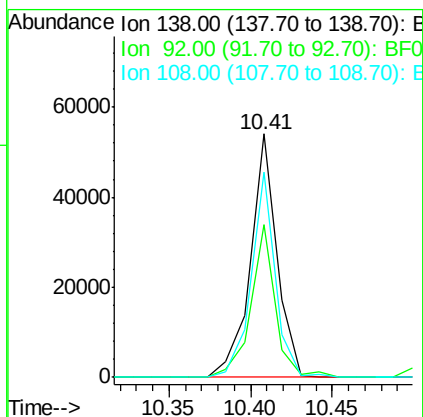
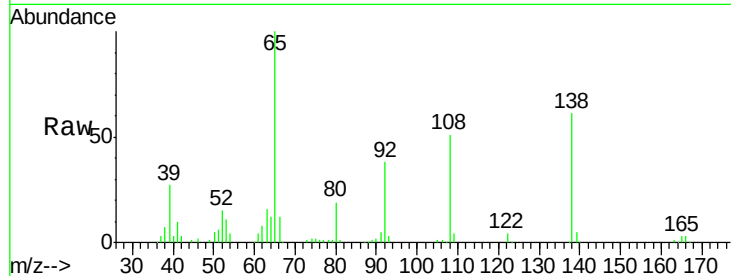
#61
4-Nitroaniline
Concen: 26.91 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.8	25.6	65.6
108	84.3	46.9	86.9

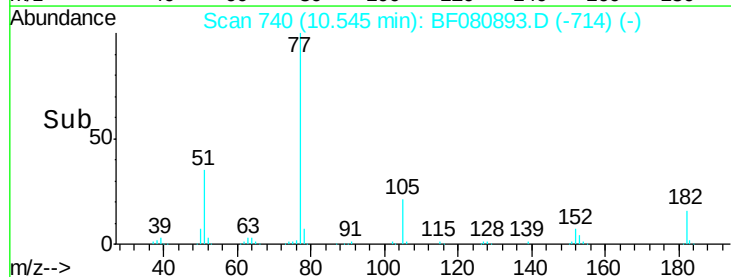
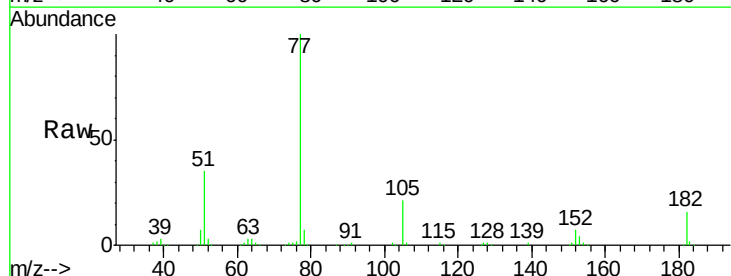
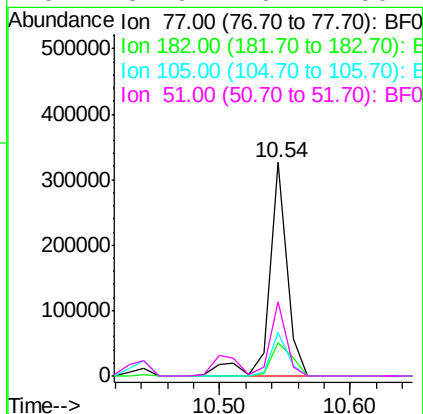
Manual Integrations
APPROVED

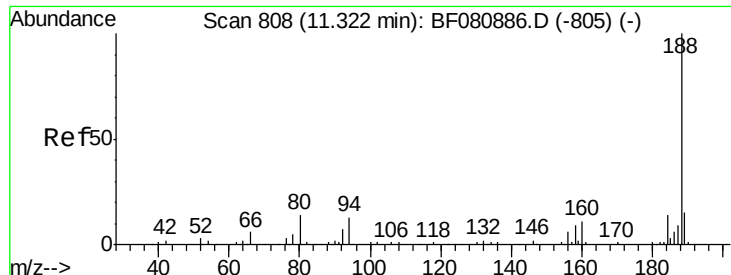
MMDadoda
8/10/2015 10:15:09 AM



#62
Azobenzene
Concen: 31.89 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.8	0.0	34.5
105	20.7	0.2	40.2
51	34.9	16.7	56.7





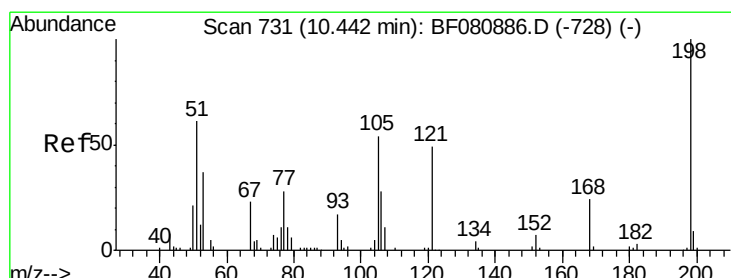
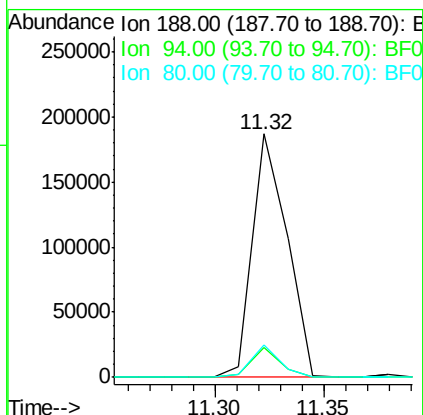
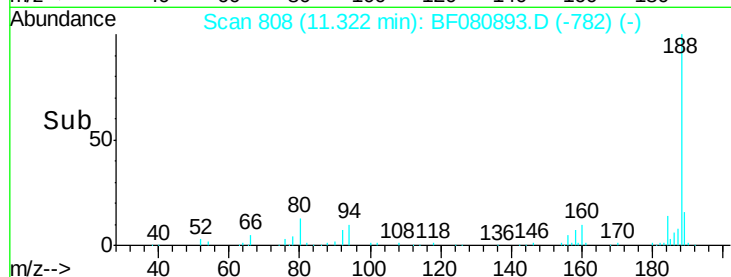
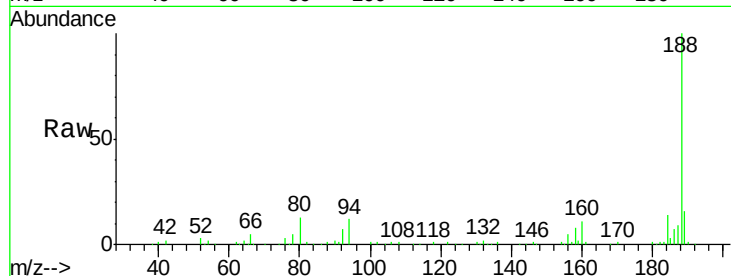
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	188	Resp:	207535
Ion Ratio	Lower	Upper	
188	100		
94	12.2	10.2	15.2
80	13.3	11.4	17.2

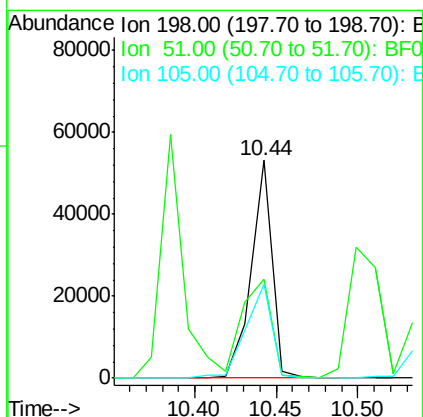
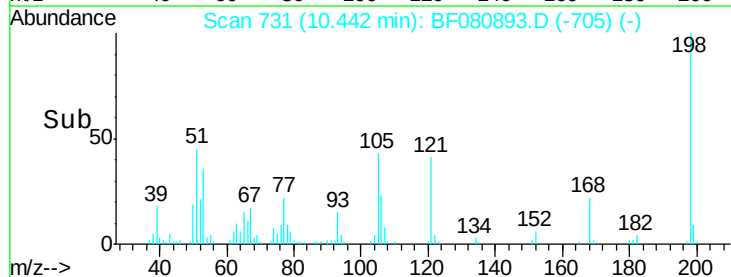
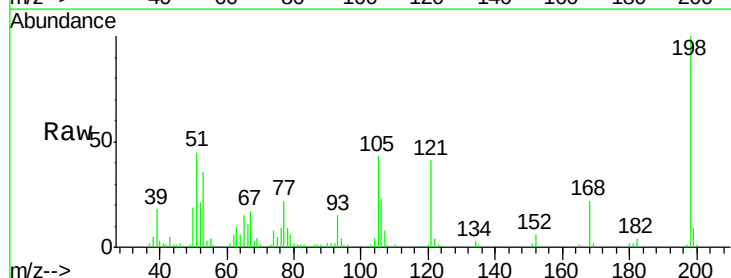
Manual Integrations
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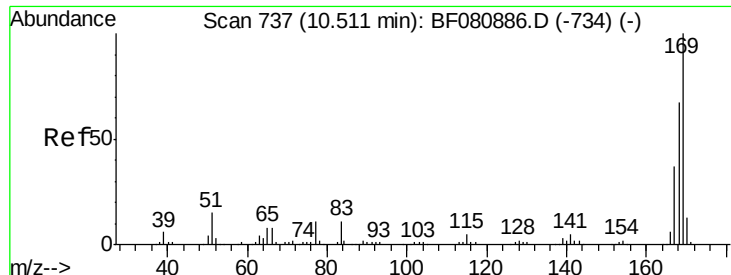
MMDadoda
 8/10/2015 10:15:09 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.10 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion	198	Resp:	47459
Ion Ratio	Lower	Upper	
198	100		
51	45.4	47.9	87.9#
105	43.1	35.0	75.0





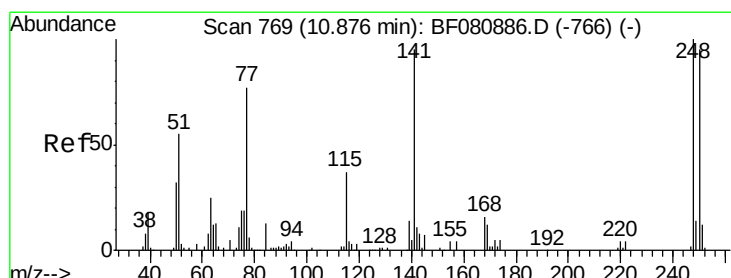
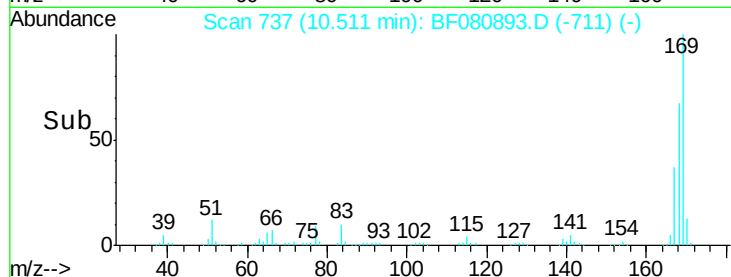
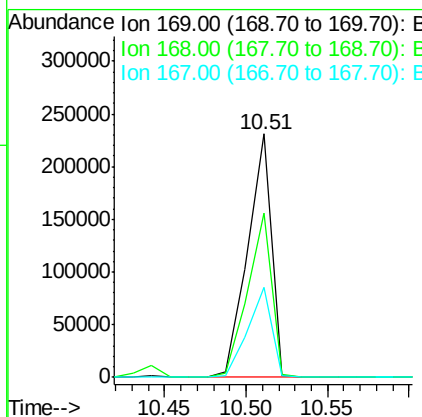
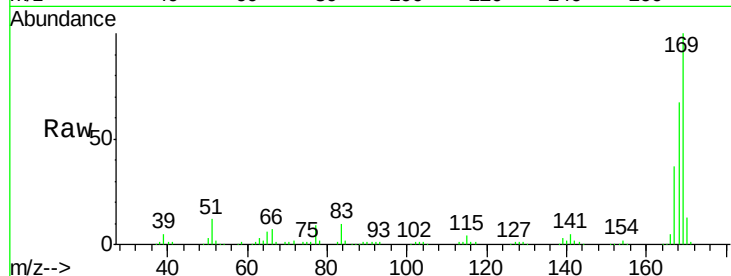
#65
n-Nitrosodiphenylamine
Concen: 31.68 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	234271		
168	67.3	54.0	81.0	
167	37.2	29.8	44.8	

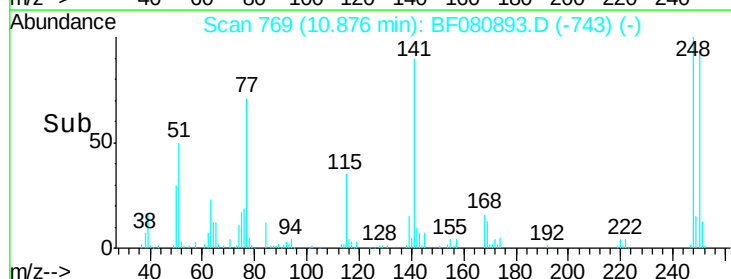
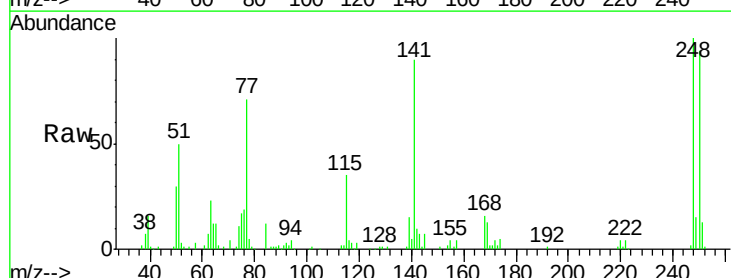
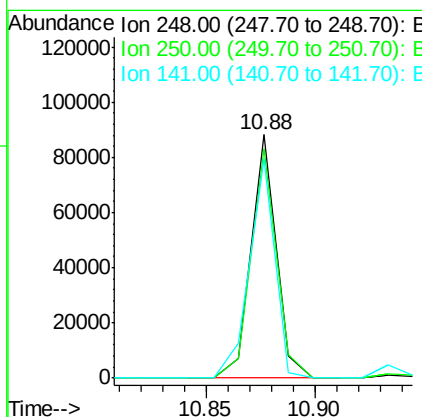
Manual Integrations
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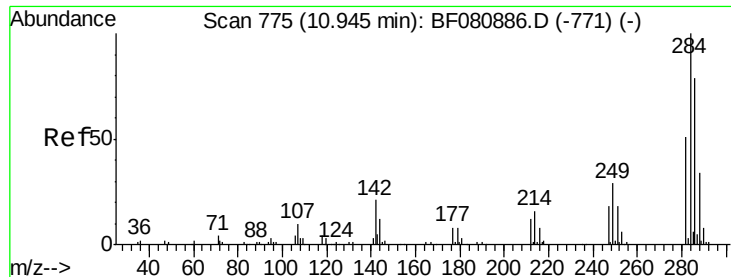
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#66
4-Bromophenyl-phenylether
Concen: 31.49 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71028		
250	94.4	75.9	113.9	
141	90.2	75.8	113.6	





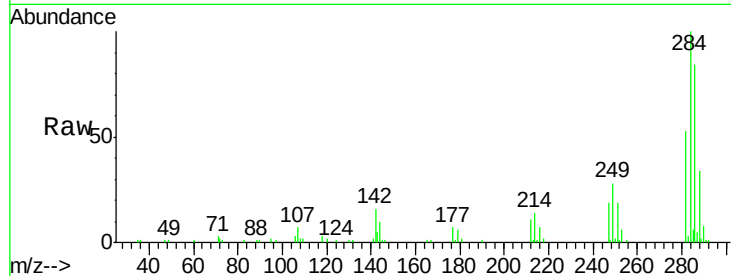
#67
Hexachlorobenzene
Concen: 30.88 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

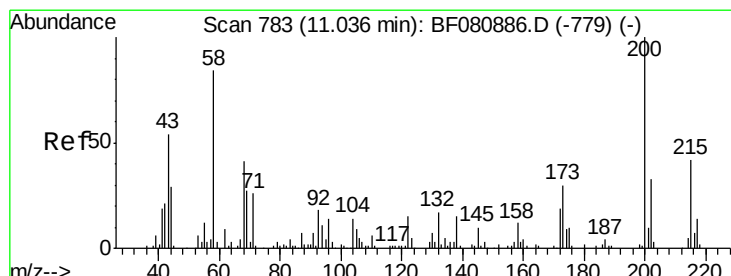
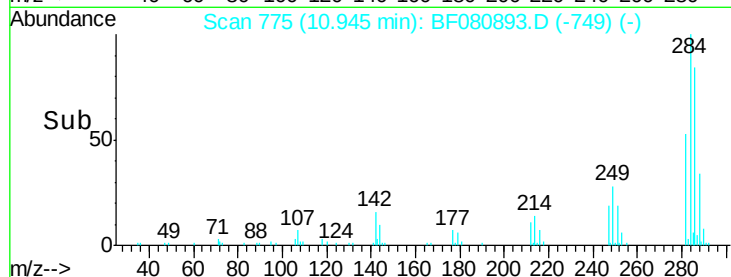
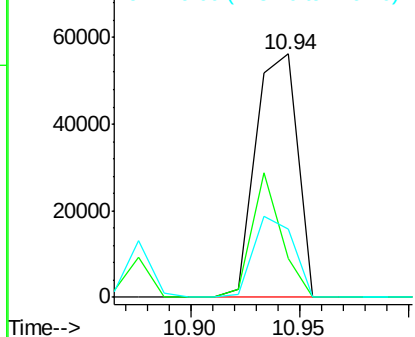
Tot Ion	Ratio	Resp	Lower	Upper
284	100	75314		
142	16.2		16.4	24.6#
249	28.3		23.1	34.7

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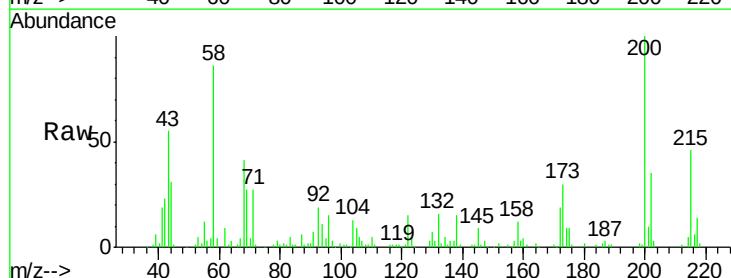


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

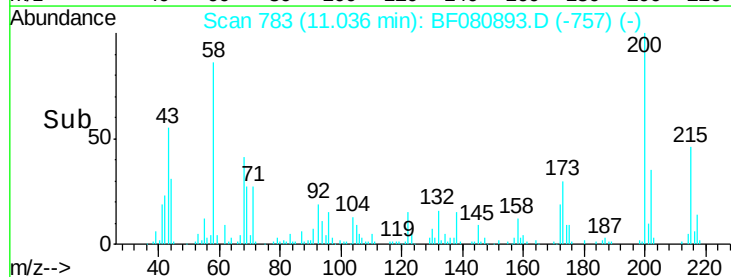
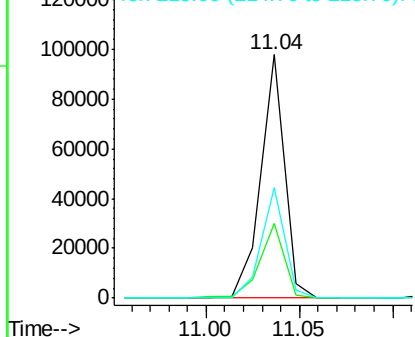


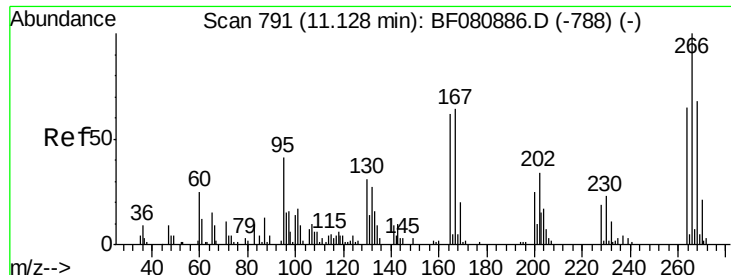
#68
Atrazine
Concen: 40.04 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	85478		
173	30.4		10.0	50.0
215	45.6		22.3	62.3



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





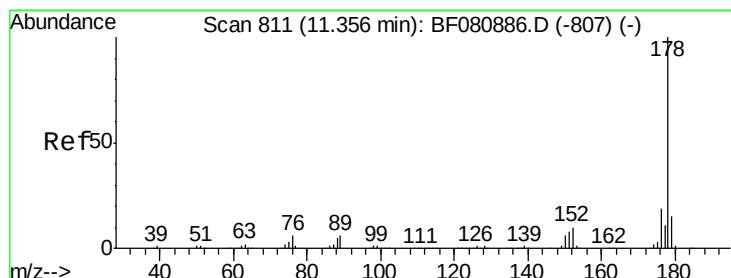
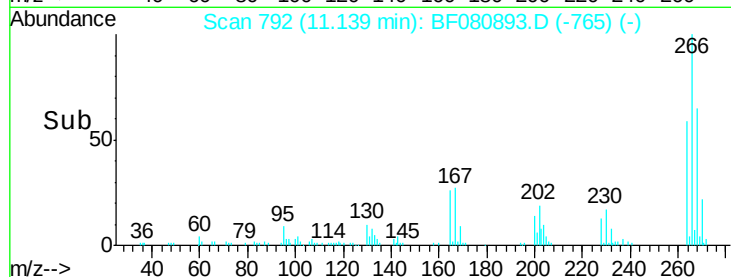
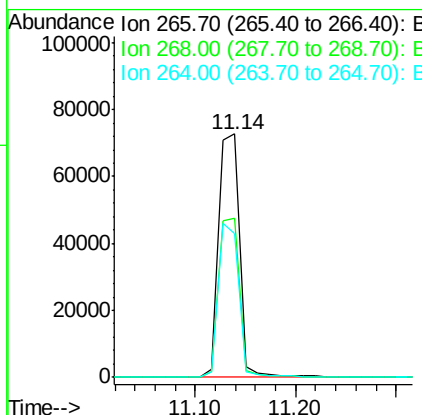
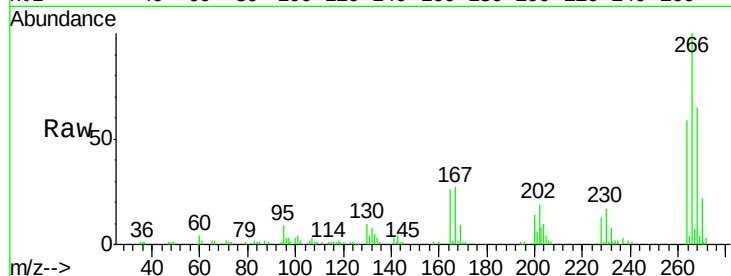
#69
 Pentachlorophenol
 Concen: 77.04 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	105315		
268	65.5		54.1	81.1
264	59.0		51.6	77.4

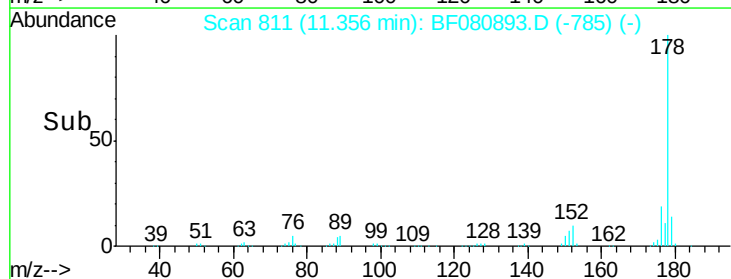
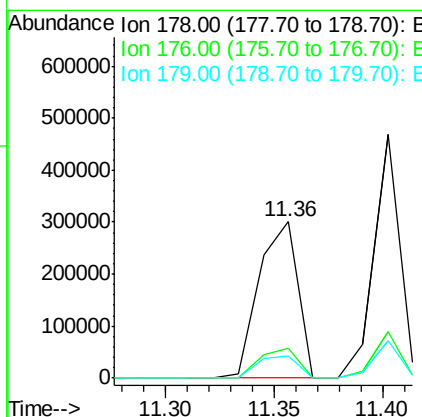
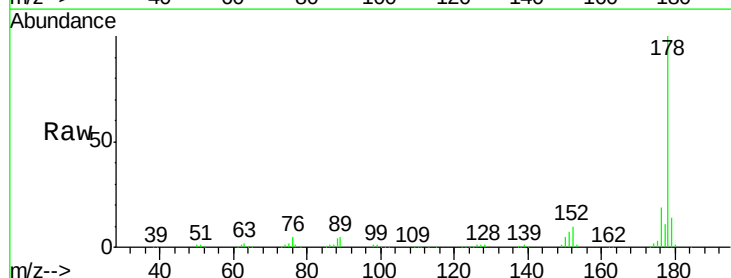
Manual Integrations
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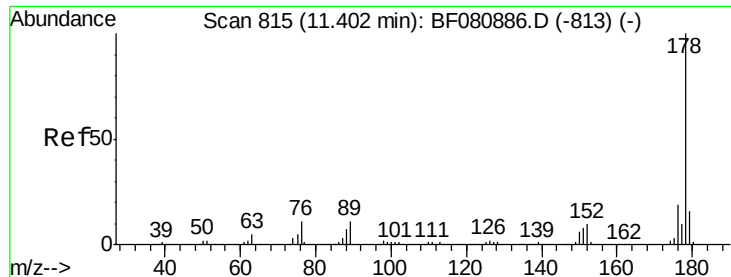
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#70
 Phenanthrene
 Concen: 31.02 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	376727		
176	19.4		15.6	23.4
179	14.5		12.0	18.0





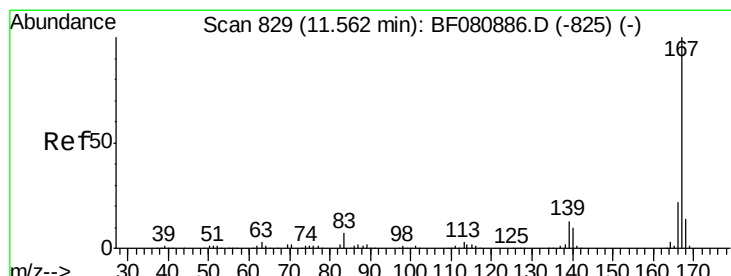
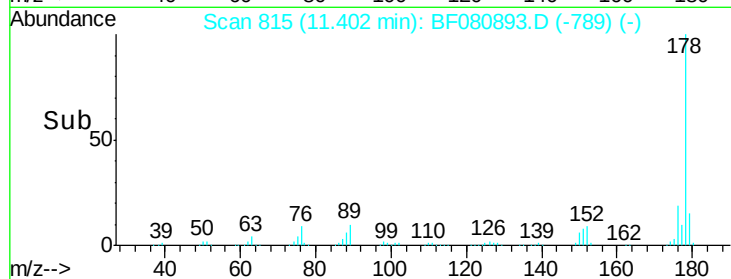
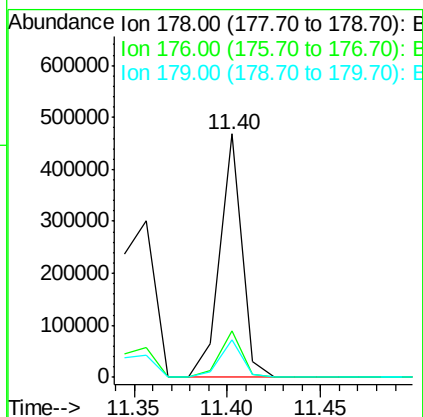
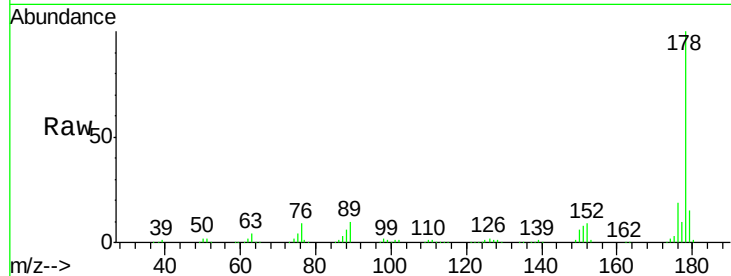
#71
 Anthracene
 Concen: 32.34 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.5	18.7

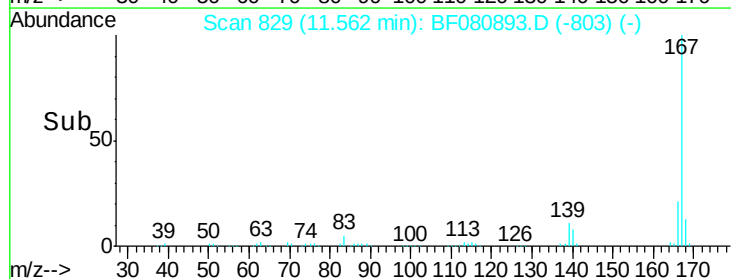
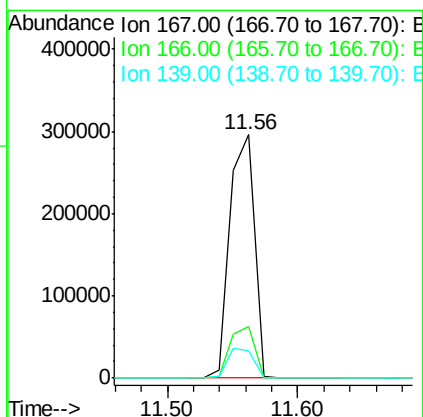
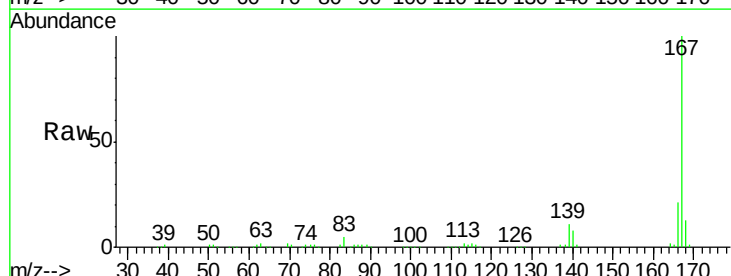
Manual Integrations
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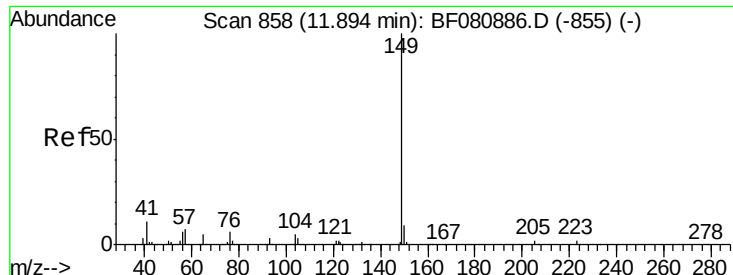
MMDadoda
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#72
 Carbazole
 Concen: 31.87 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	11.0	10.2	15.2





#73

Di-n-butylphthalate

Concen: 32.10 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

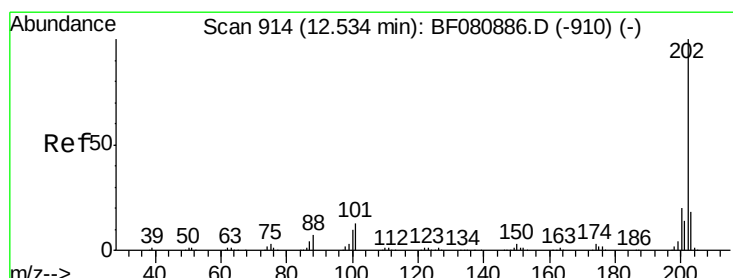
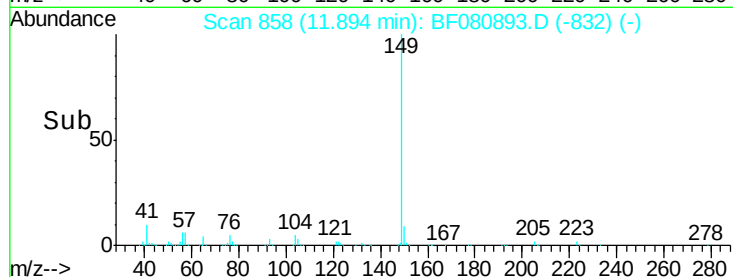
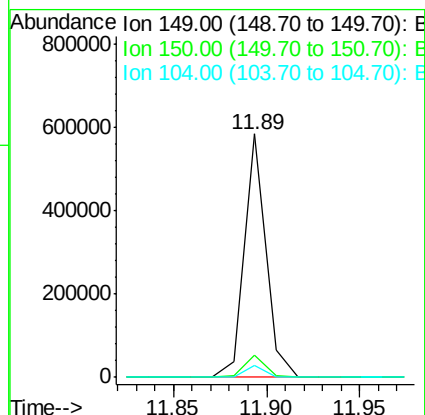
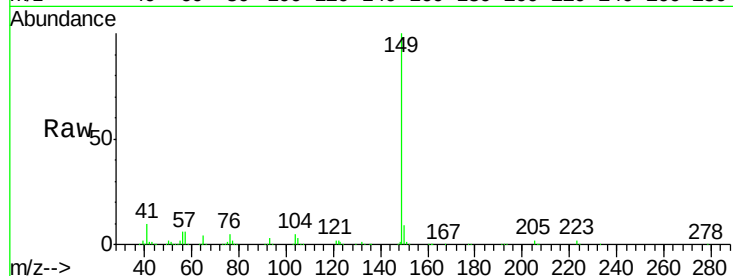
ClientSampleId :

PB84659BS

Tot Ion:	149	Resp:	472493
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	5.1	4.3	6.5

Manual Integrations
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#74

Fluoranthene

Concen: 33.93 ng

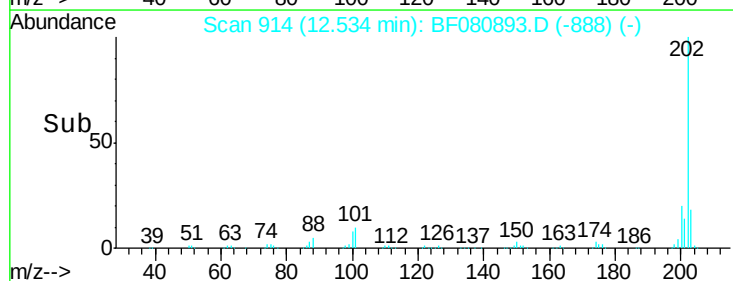
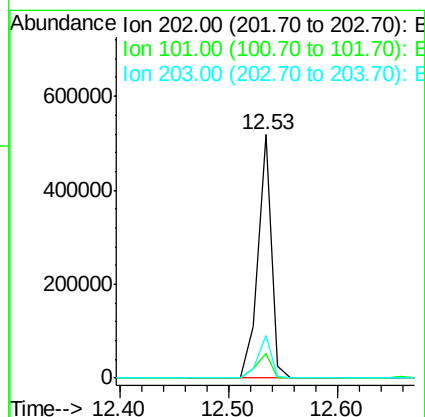
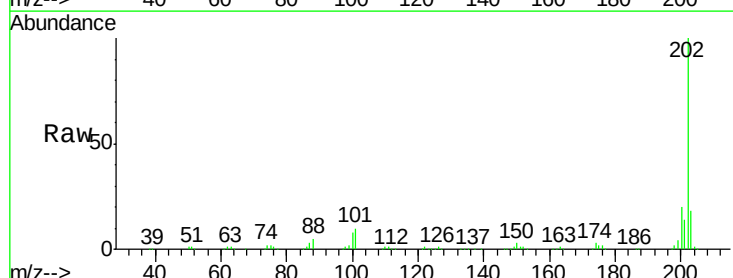
RT: 12.53 min Scan# 914

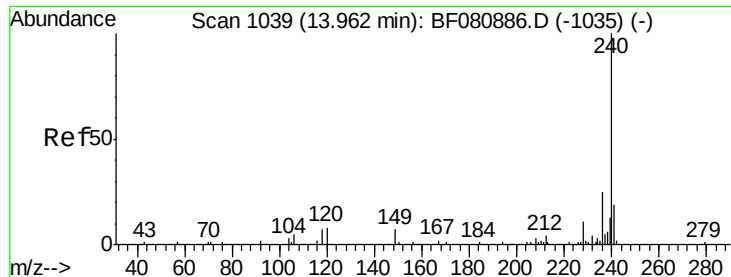
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	202	Resp:	450529
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	32.7
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

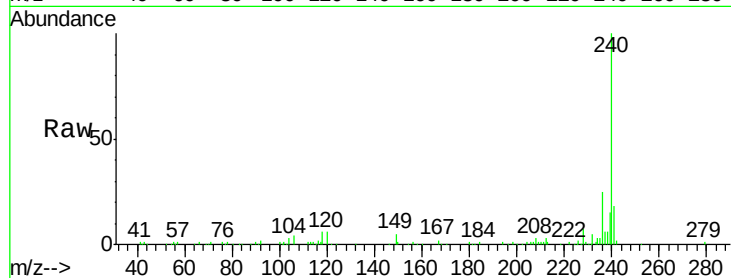
ClientSampleId :

PB84659BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.4	9.6#
236	25.1	20.2	30.4

Manual Integrations
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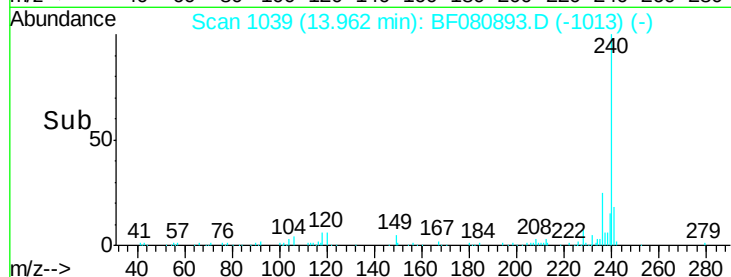


Abundance Ion 240.00 (239.70 to 240.70): E

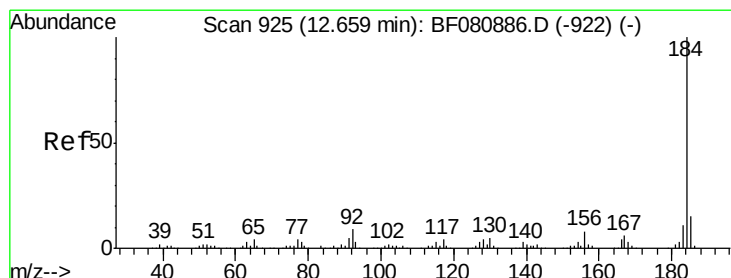
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



Time-->



#76

Benzidine

Concen: 40.89 ng

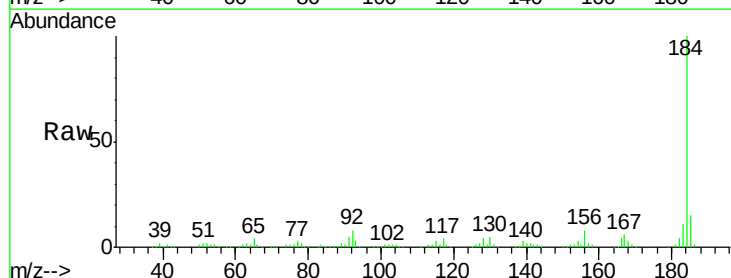
RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.4	18.6
183	10.7	8.9	13.3

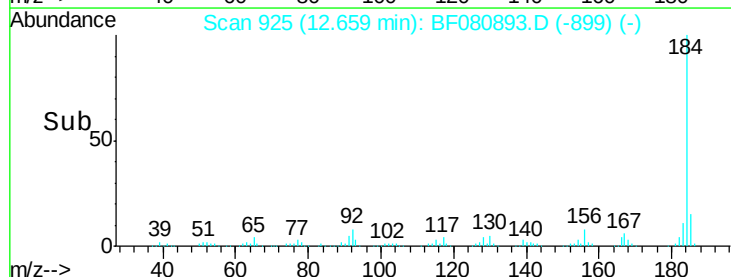


Abundance Ion 184.00 (183.70 to 184.70): E

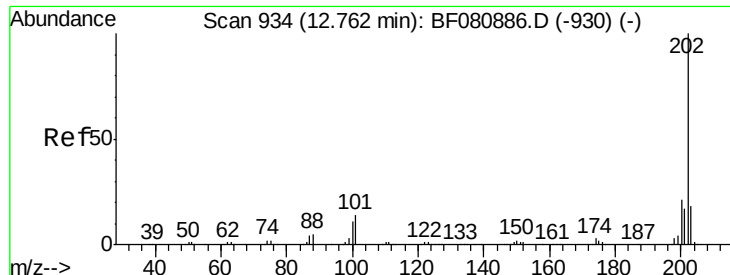
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66



Time-->



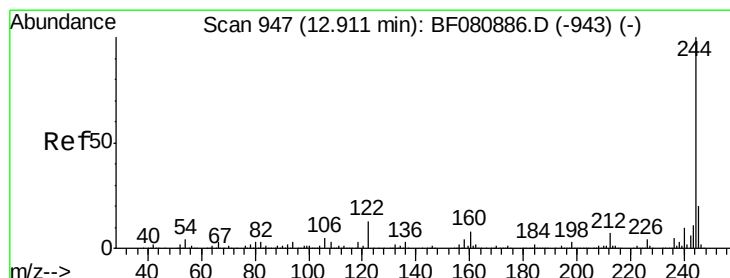
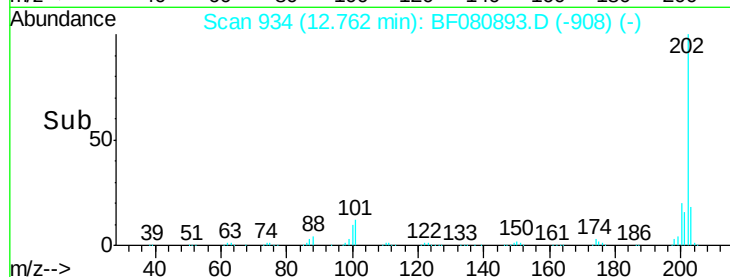
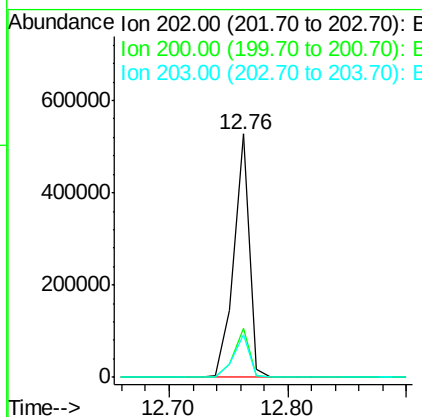
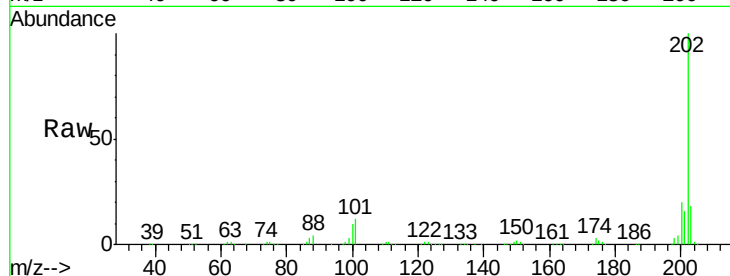
#77
Pvrene
Concen: 34.38 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.5	14.3	21.5

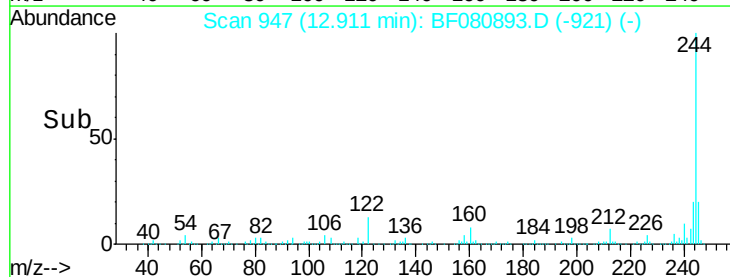
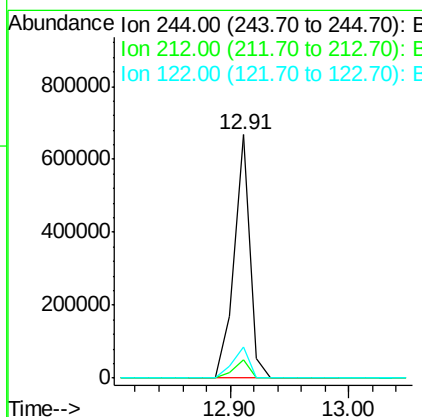
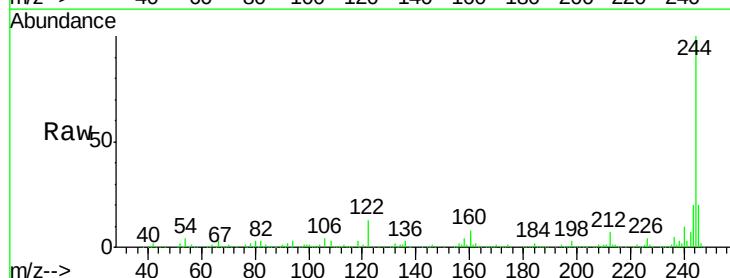
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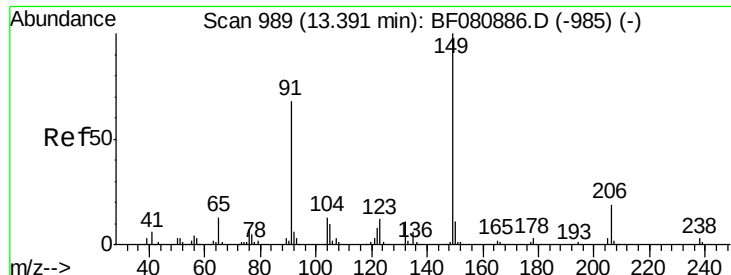
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#78
Terphenyl-d14
Concen: 69.68 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.9	10.6	16.0





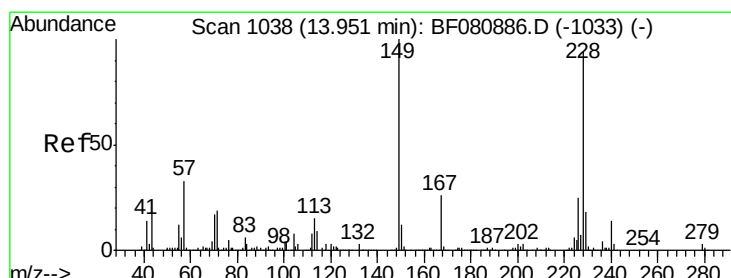
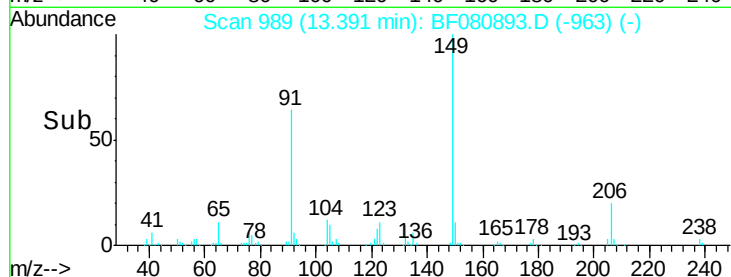
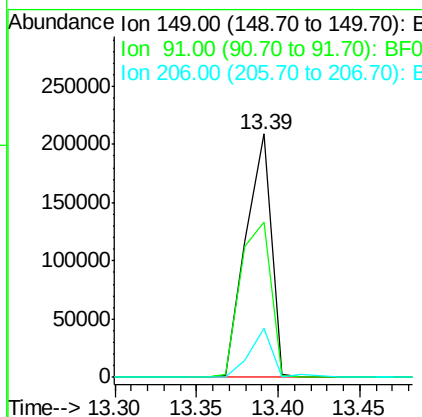
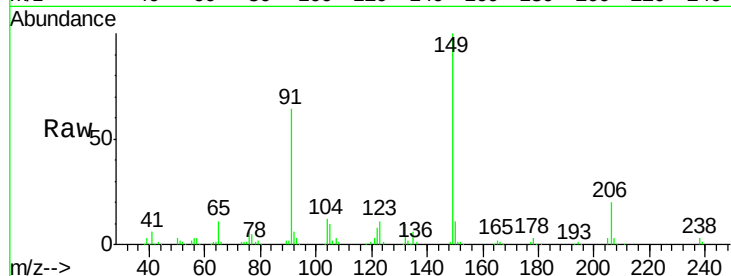
#79
Butylbenzylphthalate
Concen: 34.10 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		226260		
91	63.6		54.0	81.0	
206	20.4		15.1	22.7	

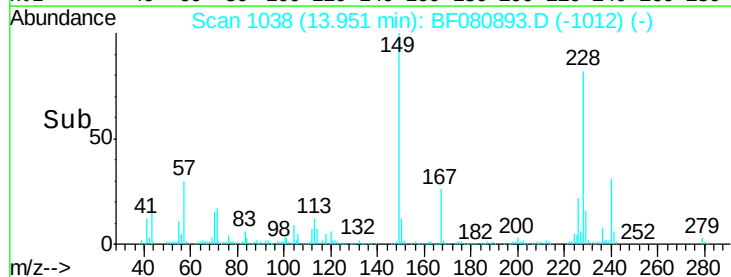
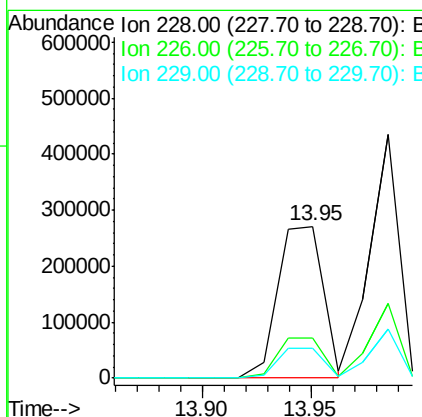
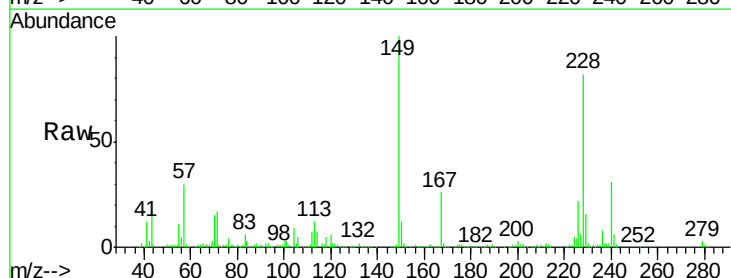
Manual Integrations
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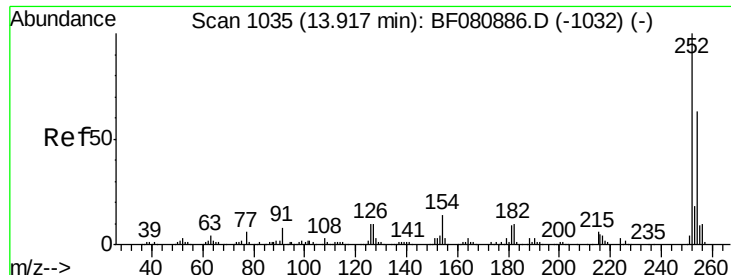
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#80
Benzo(a)anthracene
Concen: 32.34 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080893.D
Acq: 6 Aug 2015 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		394253		
226	26.3		21.4	32.2	
229	19.5		14.9	22.3	





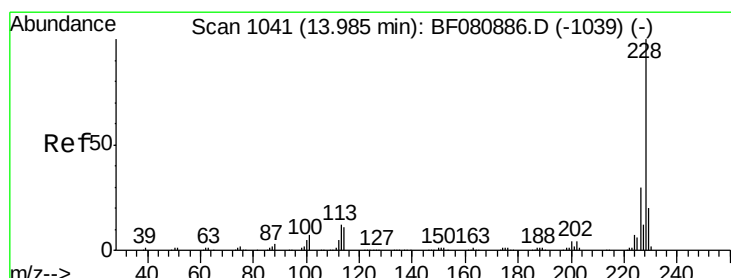
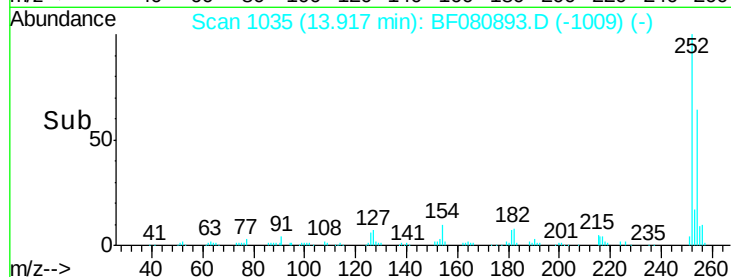
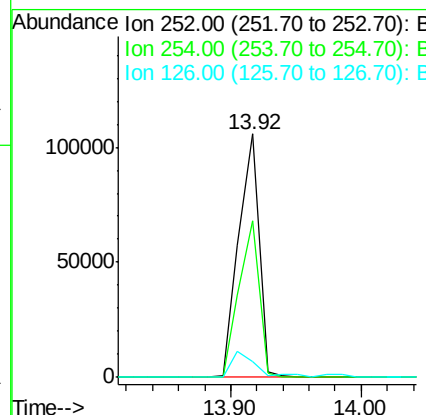
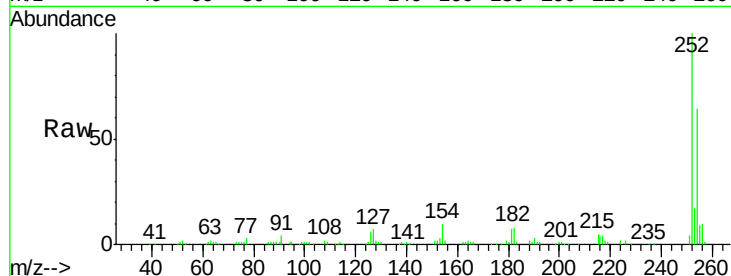
#81
 3,3'-Dichlorobenzidine
 Concen: 25.22 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampled :
 PB84659BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	50.0	75.0
126	6.5	8.1	12.1#

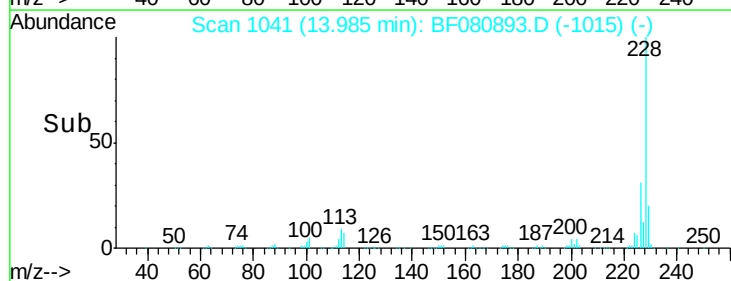
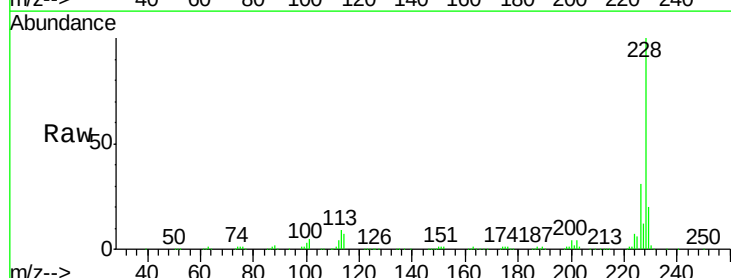
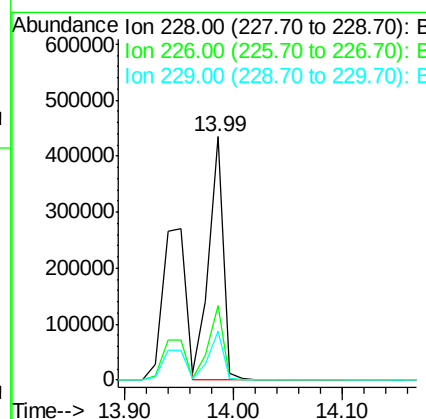
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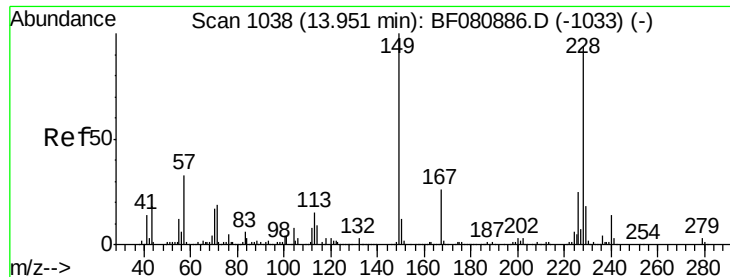
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#82
 Chrysene
 Concen: 35.08 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.2	36.2
229	20.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.47 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

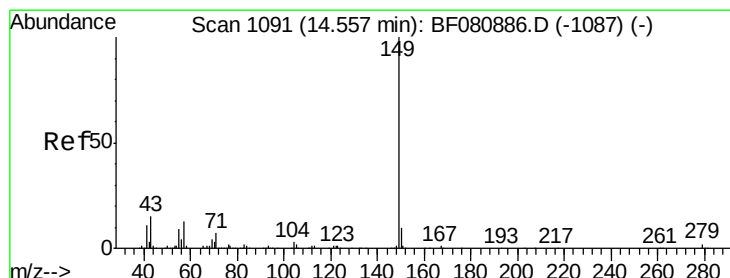
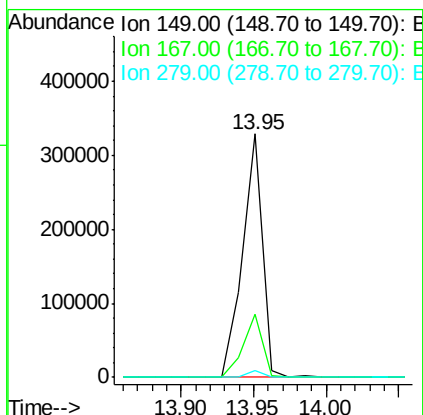
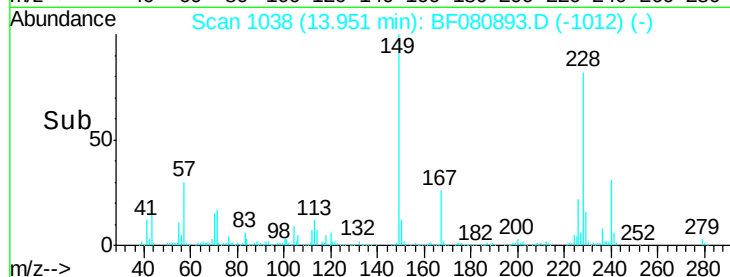
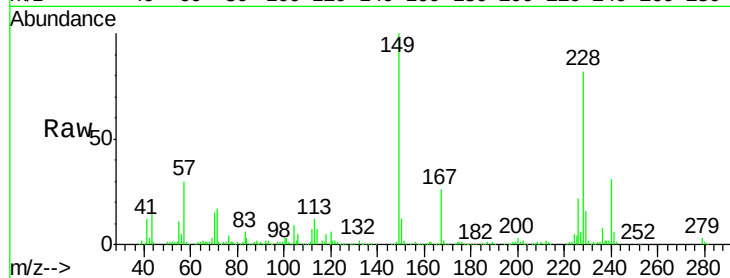
ClientSampleId :

PB84659BS

Tot Ion:	149	Resp:	313382
Ion Ratio		Lower	Upper
149	100		
167	26.0	20.6	31.0
279	3.0	2.4	3.6

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#84

Di-n-octyl phthalate

Concen: 34.15 ng

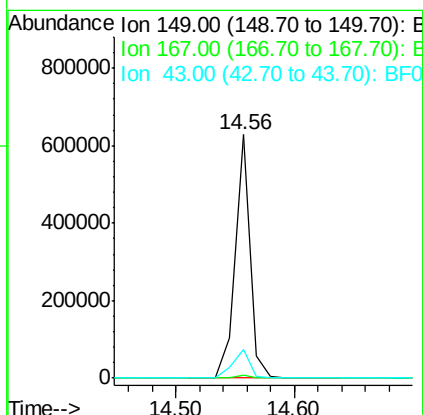
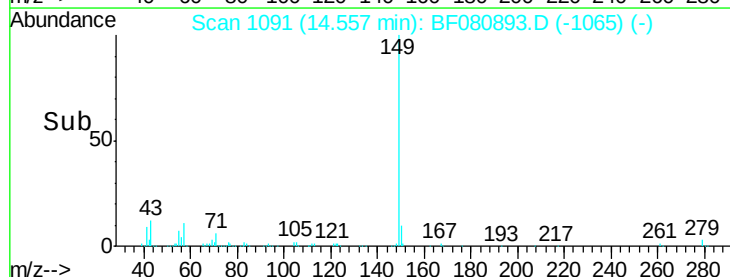
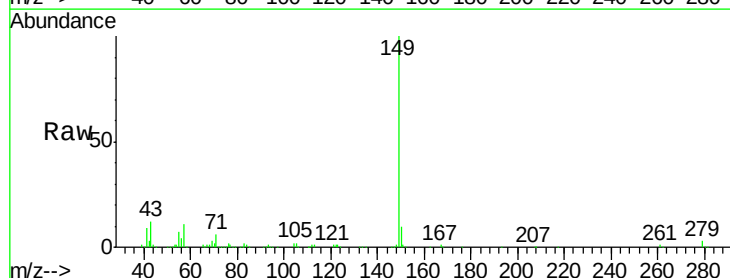
RT: 14.56 min Scan# 1091

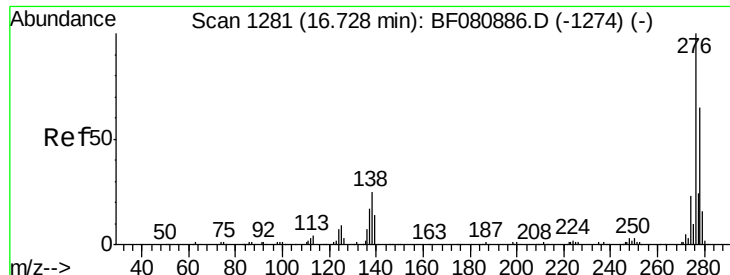
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	149	Resp:	547275
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.5	11.5	17.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.94 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

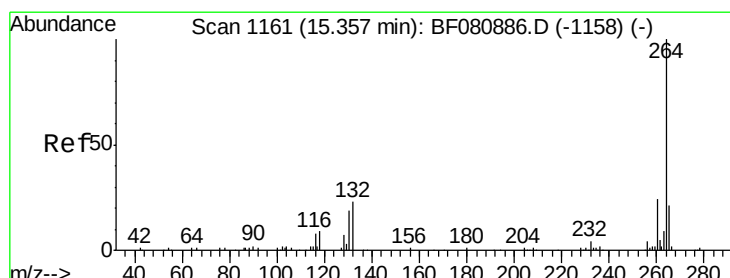
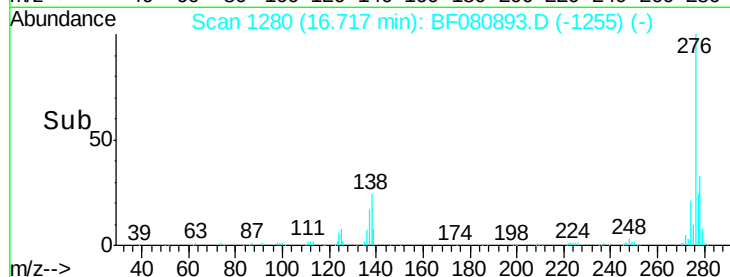
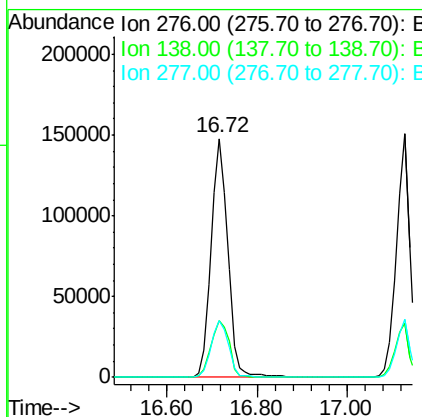
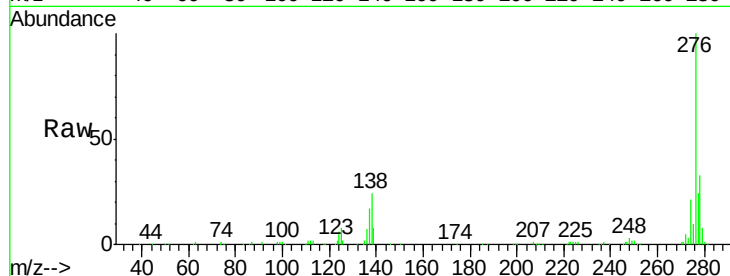
ClientSampleId :

PB84659BS

Tot Ion:	276	Resp:	385089
Ion Ratio	Lower	Upper	
276	100		
138	26.0	20.7	31.1
277	24.7	19.4	29.0

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#86

Perylene-d12

Concen: 20.00 ng

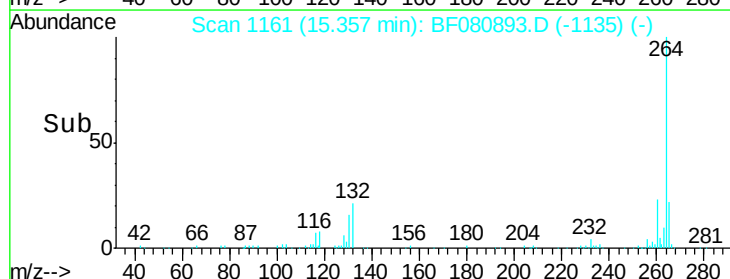
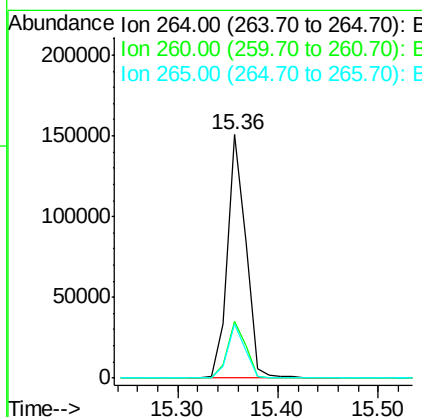
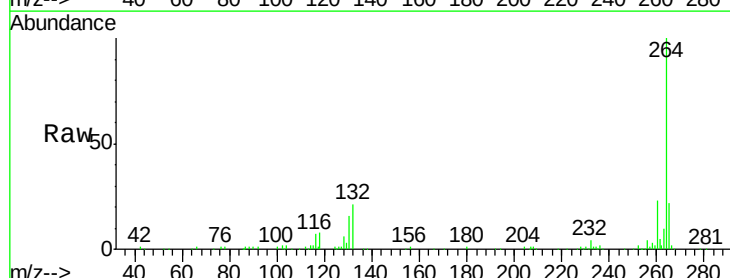
RT: 15.36 min Scan# 1161

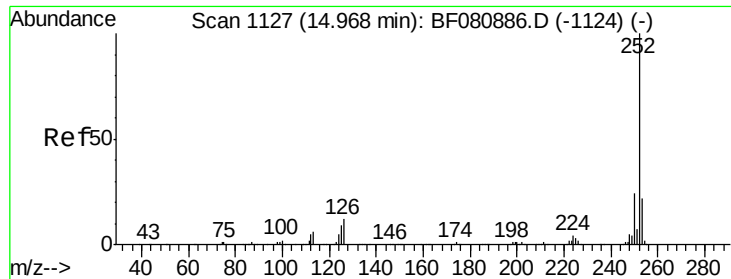
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	264	Resp:	191687
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.4
265	22.1	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 33.29 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

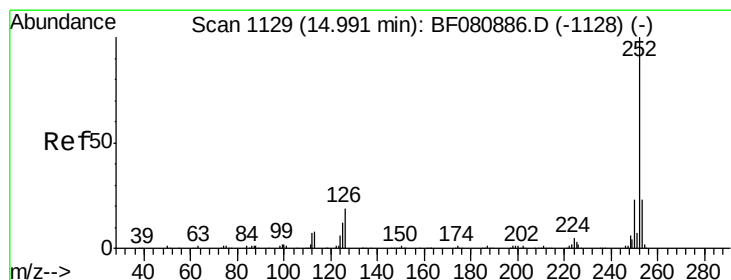
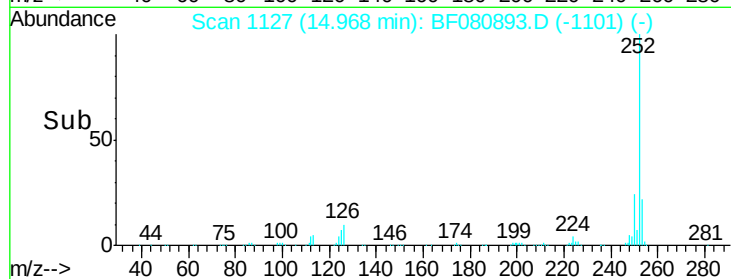
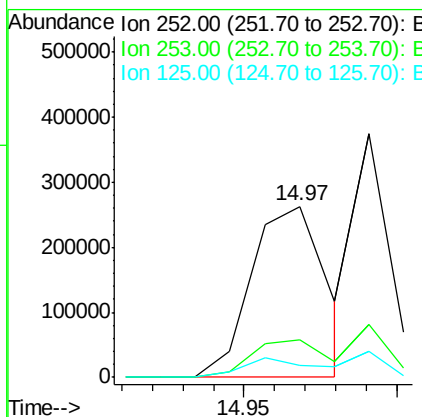
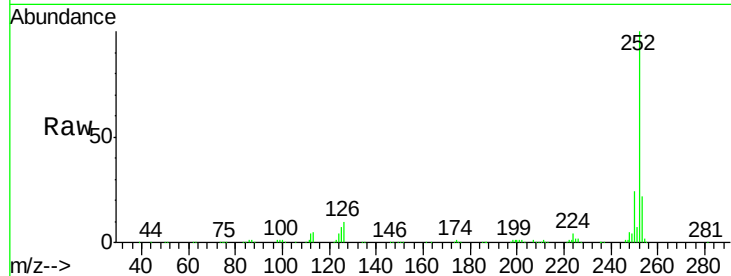
ClientSampleID :

PB84659BS

Tot Ion:	252	Resp:	448206
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	7.3	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 27.70 ng m

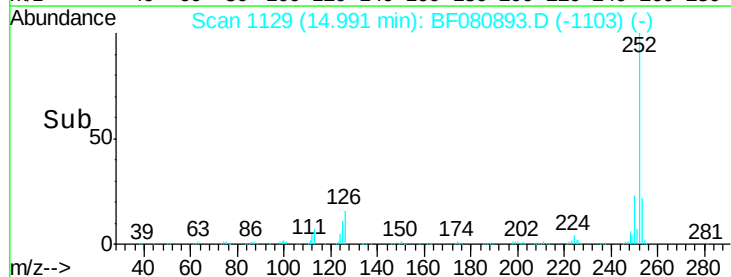
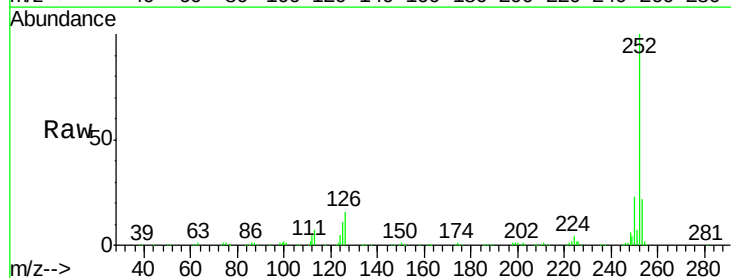
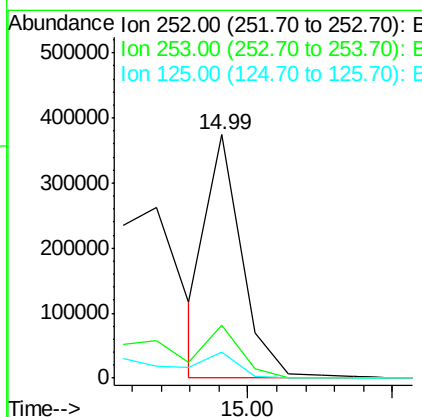
RT: 14.99 min Scan# 1129

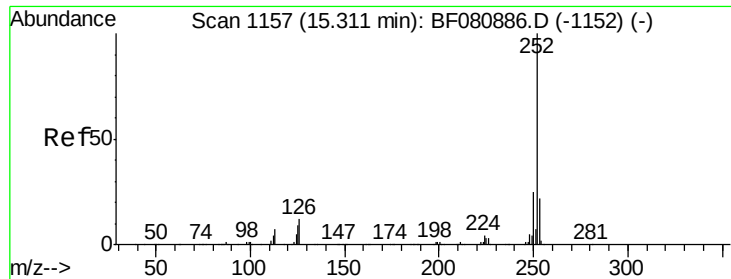
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion:	252	Resp:	314202
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	10.8	9.8	14.8





#89

Benzo(a)pyrene

Concen: 31.98 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Instrument :

BNA_F

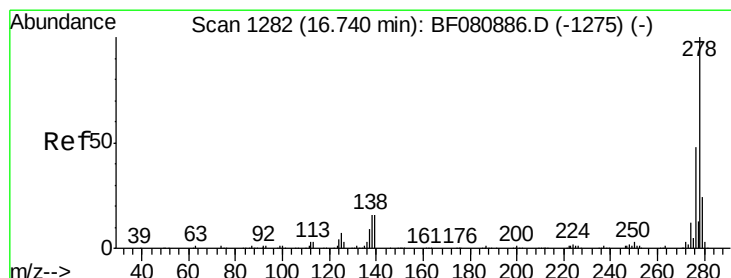
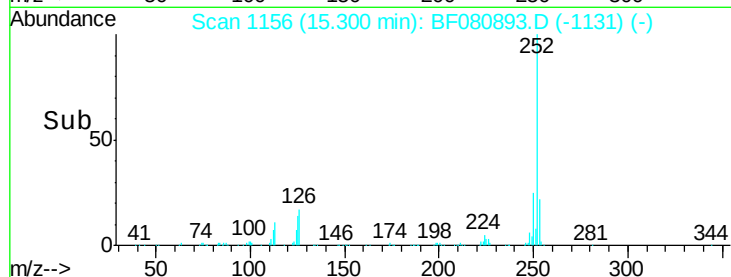
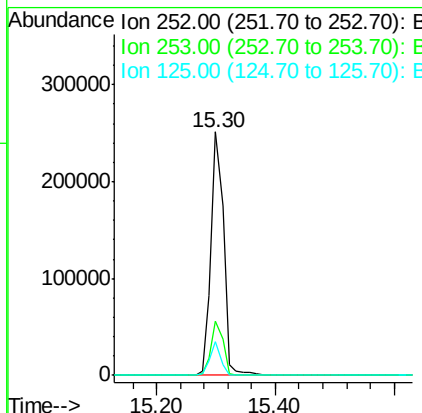
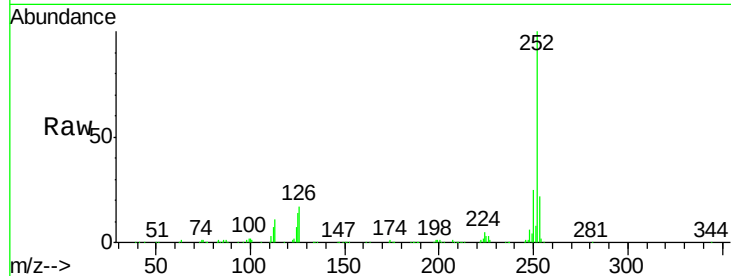
ClientSampleId :

PB84659BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	13.6	7.5	11.3

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#90

Dibenzo(a,h)anthracene

Concen: 32.42 ng

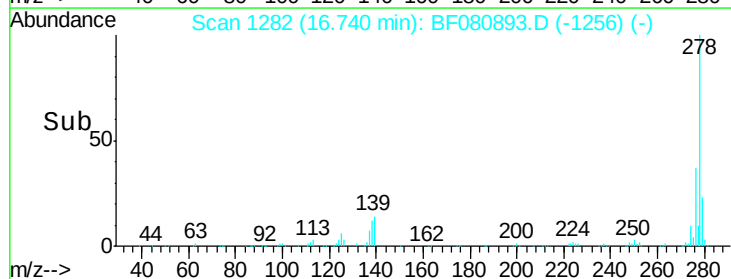
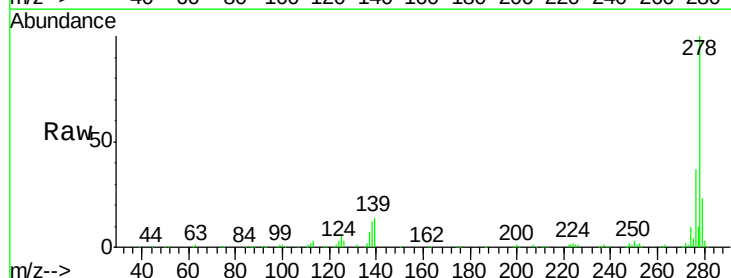
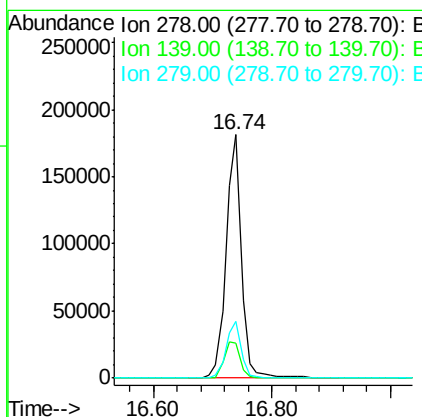
RT: 16.74 min Scan# 1282

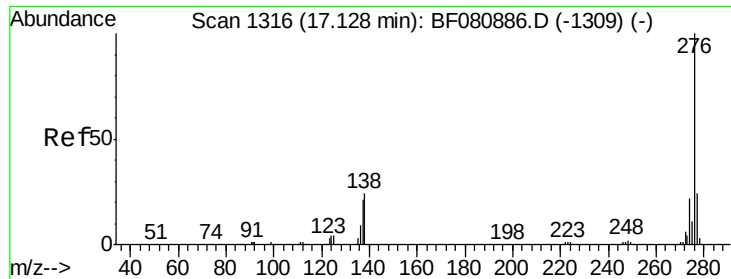
Delta R.T. -0.00 min

Lab File: BF080893.D

Acq: 6 Aug 2015 17:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.2	19.8
279	23.3	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 32.76 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF080893.D
 Acq: 6 Aug 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:	276	Resp:	317551
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.3	28.9
138	22.3	19.1	28.7

Manual Integrations
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