

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080851.D
 Acq On : 4 Aug 2015 21:52
 Operator : TP/UM
 Sample : PB84692BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 7:00:55 PM

Quant Time: Aug 05 07:32:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	71494	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	288431	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	126283	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	204258	20.00	ng	0.00
75) Chrysene-d12	13.96	240	127004	20.00	ng	0.00
86) Perylene-d12	15.37	264	103479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	429359	90.89	ng	0.01
7) Phenol-d6	6.45	99	640789	103.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	425372	69.50	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	126616	103.97	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	625335	66.68	ng	0.00
78) Terphenyl-d14	12.92	244	506721	72.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	67162	29.00	ng	96
3) Pyridine	3.26	79	204630	32.06	ng	98
4) n-Nitrosodimethylamine	3.22	42	102351	31.26	ng	100
6) Aniline	6.49	93	193130	21.49	ng	96
8) 2-Chlorophenol	6.61	128	169930	32.11	ng	99
9) Benzaldehyde	6.37	77	30337	7.04	ng	87
10) Phenol	6.48	94	200978	27.35	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	186549	34.00	ng	99
12) 1,3-Dichlorobenzene	6.76	146	169054	29.81	ng	99
13) 1,4-Dichlorobenzene	6.84	146	178378	31.34	ng	99
14) 1,2-Dichlorobenzene	6.99	146	157949m	29.41	ng	
15) Benzyl Alcohol	6.97	79	118169	29.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	349410	32.90	ng	100
17) 2-Methylphenol	7.08	107	157779	34.04	ng	99
18) Hexachloroethane	7.33	117	67919	31.40	ng	# 80
19) n-Nitroso-di-n-propylamine	7.24	70	135202	33.89	ng	96
20) 3+4-Methylphenols	7.23	107	171411	31.89	ng	# 89
22) Acetophenone	7.23	105	234972	33.36	ng	# 81
24) Nitrobenzene	7.40	77	179936	28.35	ng	# 87
25) Isophorone	7.64	82	352089	32.47	ng	95
26) 2-Nitrophenol	7.72	139	84735	32.54	ng	95
27) 2,4-Dimethylphenol	7.77	122	179707	37.07	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	212263	31.83	ng	99
29) 2,4-Dichlorophenol	7.96	162	130754	32.67	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	142904	31.38	ng	99
31) Naphthalene	8.13	128	513095	32.66	ng	99
32) Benzoic acid	7.87	122	98662m	31.01	ng	
33) 4-Chloroaniline	8.18	127	113779	18.52	ng	95
34) Hexachlorobutadiene	8.25	225	78481	30.23	ng	97
35) Caprolactam	8.53	113	41536m	36.34	ng	
36) 4-Chloro-3-methylphenol	8.66	107	147150	33.51	ng	95
37) 2-Methylnaphthalene	8.82	142	319068	33.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	124097	28.80	ng	97
40) Hexachlorocyclopentadiene	8.98	237	177380	68.54	ng	99

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Quant Time: Aug 05 07:32:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	83052	28.43	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	98394	33.59	ng	# 87
45) 1,1'-Biphenyl	9.29	154	386980	33.24	ng	100
46) 2-Chloronaphthalene	9.31	162	277448	30.64	ng	98
47) 2-Nitroaniline	9.40	65	116122	35.23	ng	99
48) Acenaphthylene	9.72	152	482753	32.40	ng	100
49) Dimethylphthalate	9.58	163	299317	32.50	ng	99
50) 2,6-Dinitrotoluene	9.64	165	62228	32.31	ng	98
51) Acenaphthene	9.89	154	330829	36.94	ng	99
52) 3-Nitroaniline	9.81	138	47910	20.14	ng	92
53) 2,4-Dinitrophenol	9.92	184	81151	63.34	ng	# 63
54) Dibenzofuran	10.06	168	421885	35.32	ng	98
55) 4-Nitrophenol	9.97	139	116489	69.60	ng	# 79
56) 2,4-Dinitrotoluene	10.04	165	77814	32.00	ng	88
57) Fluorene	10.41	166	303489	33.27	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	75566	35.94	ng	99
59) Diethylphthalate	10.28	149	302387	33.16	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	127617	33.71	ng	100
61) 4-Nitroaniline	10.42	138	66173	31.16	ng	97
62) Azobenzene	10.56	77	367068	34.42	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	45521	34.64	ng	90
65) n-Nitrosodiphenylamine	10.52	169	255510	32.65	ng	97
66) 4-Bromophenyl-phenylether	10.89	248	82452	36.47	ng	99
67) Hexachlorobenzene	10.94	284	81143	32.86	ng	98
68) Atrazine	11.05	200	75594	37.11	ng	98
69) Pentachlorophenol	11.14	266	92463	68.72	ng	97
70) Phenanthrene	11.36	178	373032	31.61	ng	99
71) Anthracene	11.41	178	417548	36.41	ng	100
72) Carbazole	11.56	167	337407	31.19	ng	99
73) Di-n-butylphthalate	11.90	149	467619	36.51	ng	99
74) Fluoranthene	12.55	202	403190	35.08	ng	99
76) Benzidine	12.67	184	138297	22.50	ng	99
77) Pyrene	12.77	202	413096	36.26	ng	99
79) Butylbenzylphthalate	13.39	149	164288	35.26	ng	99
80) Benzo(a)anthracene	13.95	228	275847	32.47	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	64653	20.48	ng	97
82) Chrysene	13.99	228	258587	29.87	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	217729	34.99	ng	99
84) Di-n-octyl phthalate	14.57	149	364058	34.81	ng	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	199527	28.07	ng	100
87) Benzo(b)fluoranthene	14.97	252	225310m	29.11	ng	
88) Benzo(k)fluoranthene	15.00	252	241608m	40.55	ng	
89) Benzo(a)pyrene	15.31	252	211414	33.46	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	169247	30.84	ng	98
91) Benzo(g,h,i)perylene	17.14	276	165460	31.19	ng	97

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

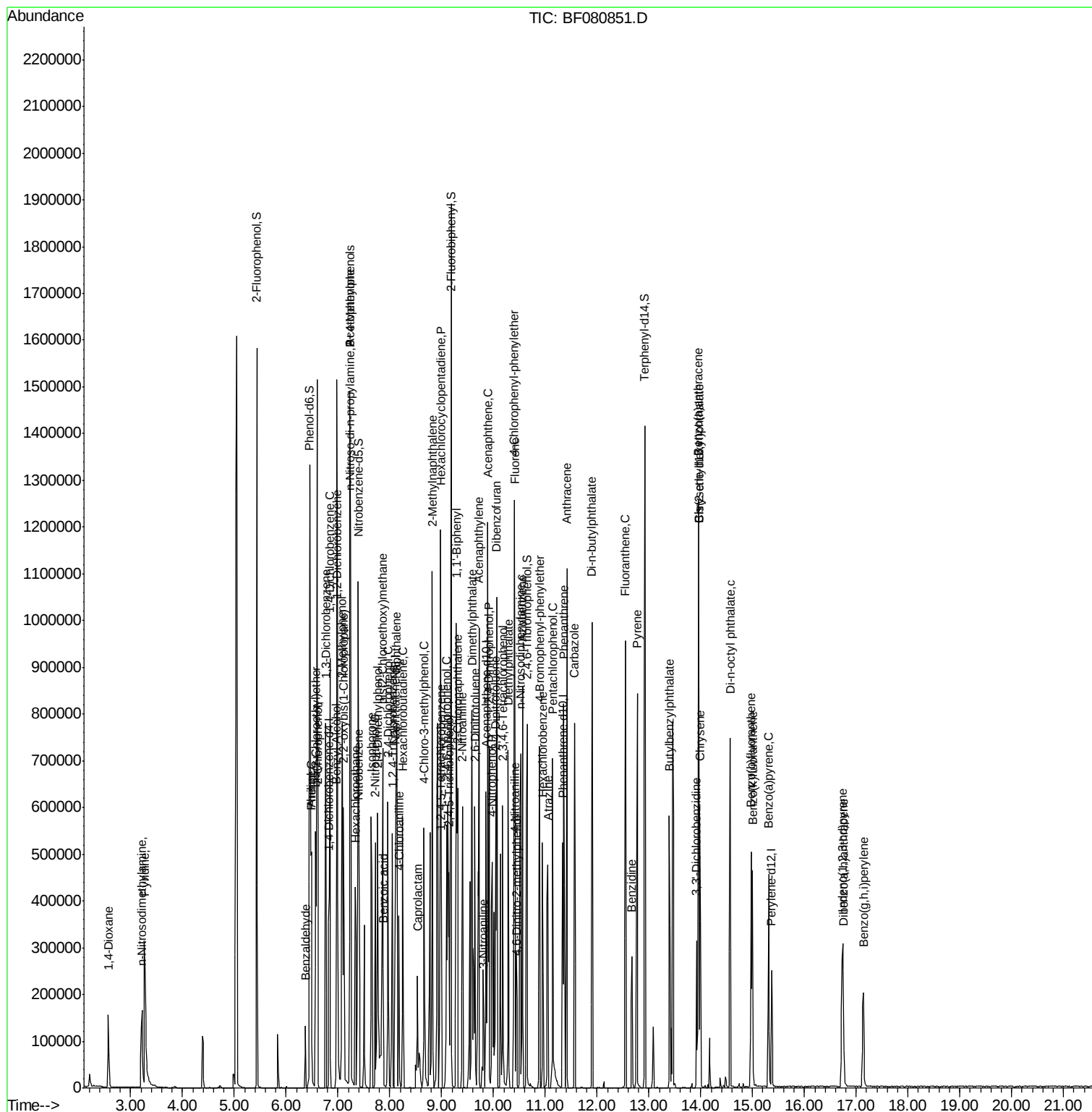
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\  
Data File : BF080851.D  
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Operator  : TP/UM  
Sample    : PB84692BS  
Misc      :  
ALS Vial  : 12 Sample Multiplier: 1
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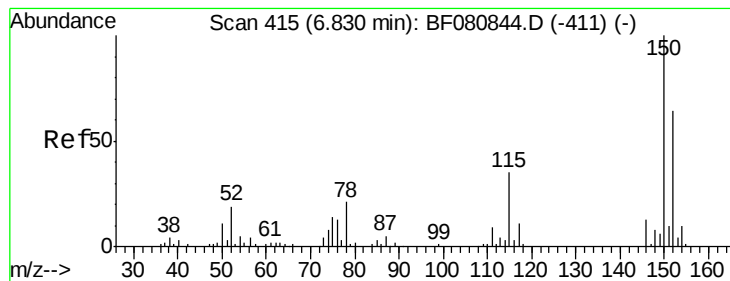
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BNA_F
ClientSampleId :
PB84692BS

Manual Integrations APPROVED

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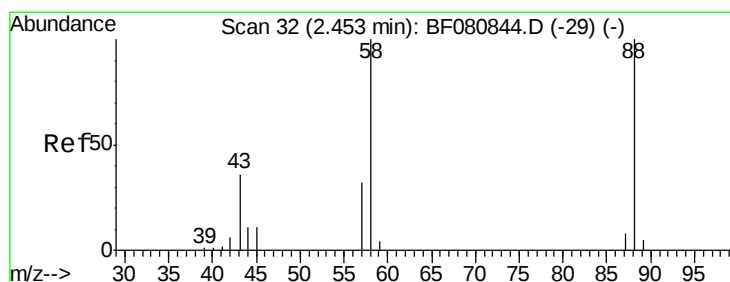
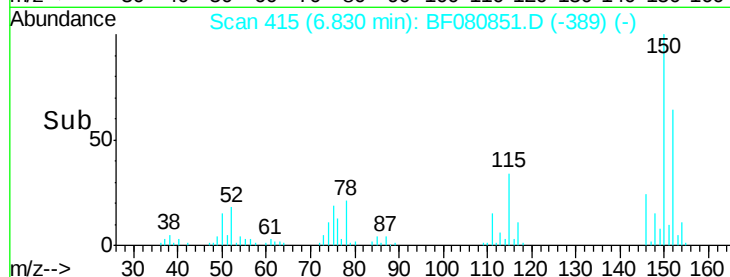
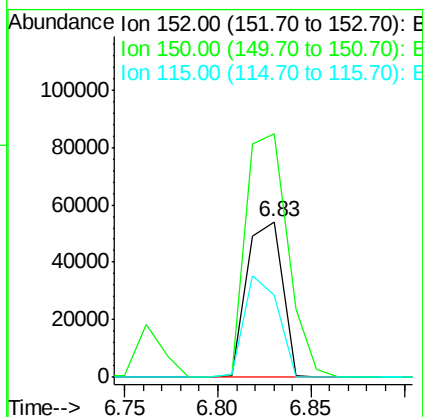
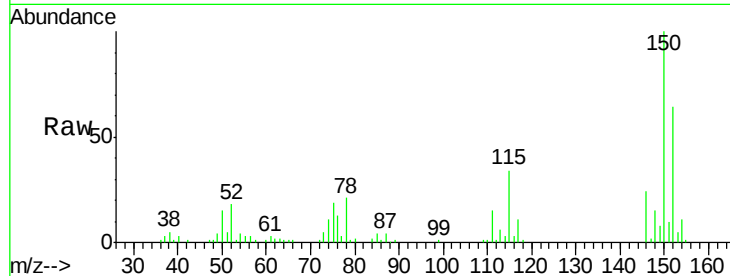
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	187.0
115	53.0	44.2	66.4

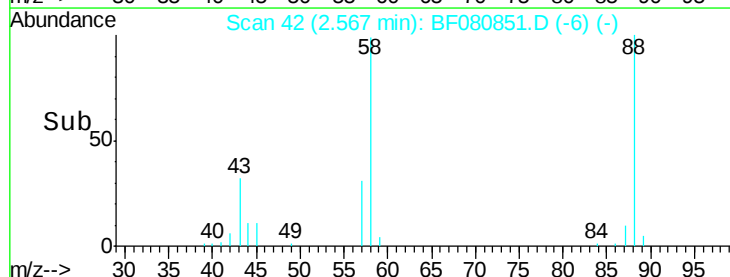
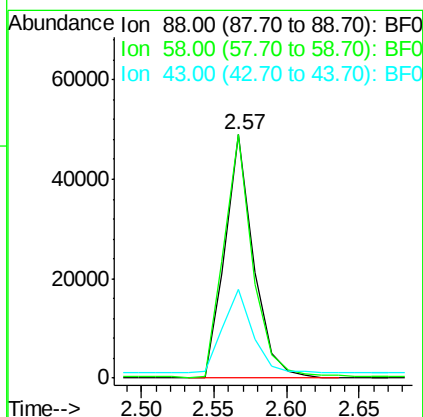
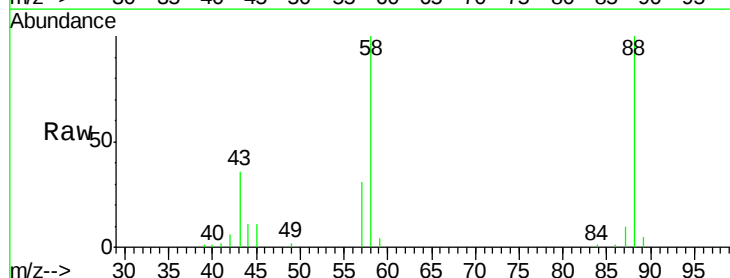
Manual Integrations
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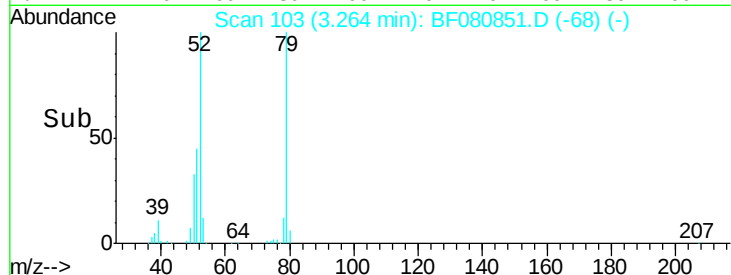
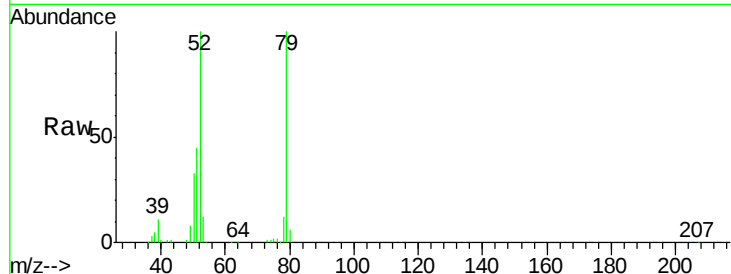
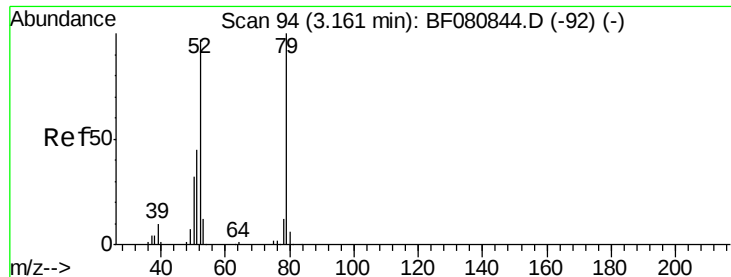
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#2
 1,4-Dioxane
 Concen: 29.00 ng
 RT: 2.57 min Scan# 42
 Delta R.T. 0.11 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	79.2	118.8
43	36.2	28.1	42.1





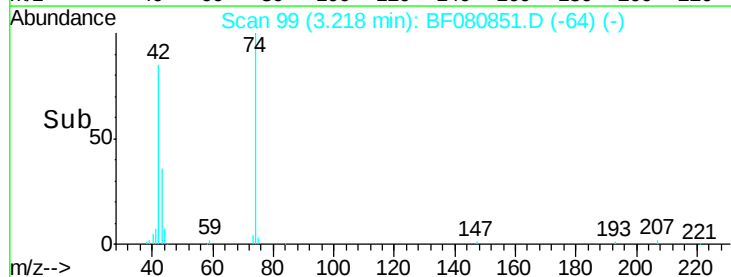
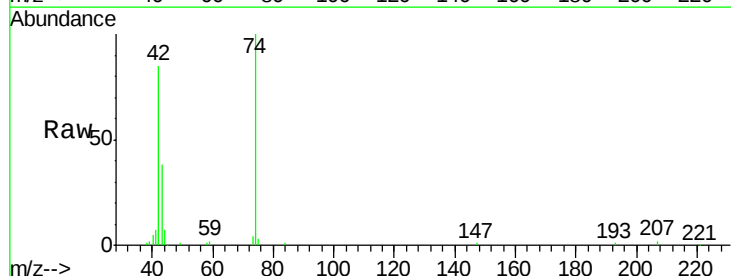
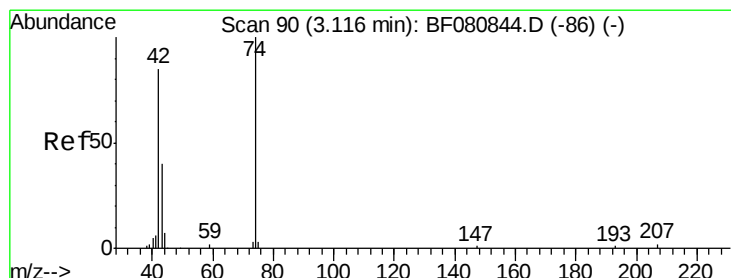
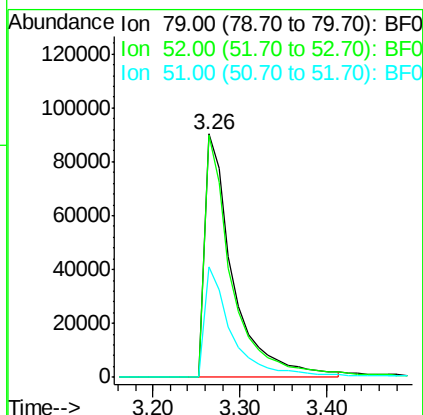
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 Pyridine
 Concen: 32.06 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.10 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
79	100		
52	99.6	77.7	116.5
51	45.5	36.1	54.1

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

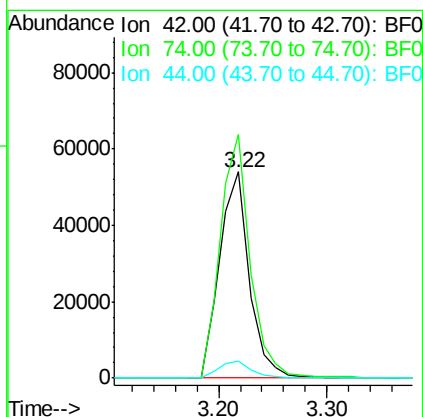
Manual Integrations
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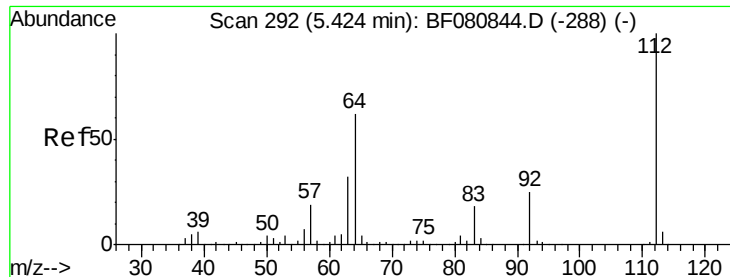
MMDadoda
 8/5/2015 7:00:55 PM



#4
 n-Nitrosodimethylamine
 Concen: 31.26 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.10 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.1	94.3	141.5
44	8.4	6.2	9.2





#5

2-Fluorophenol

Concen: 90.89 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080851.D

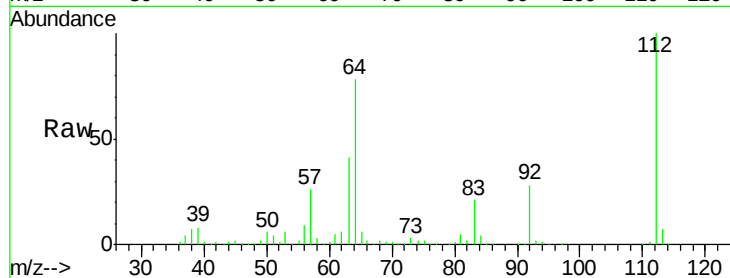
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS



Tgt Ion: 112 Resp: 429359

Ion Ratio Lower Upper

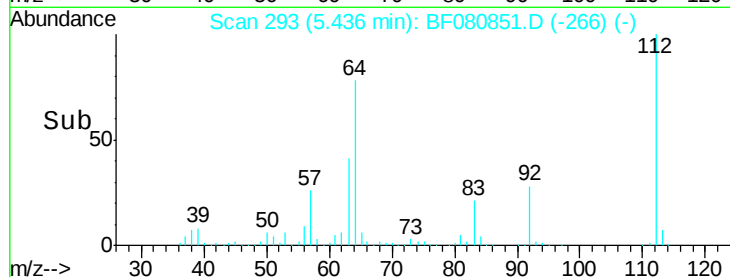
112 100

64 78.2 49.5 74.3#

63 40.7 25.3 37.9#

Manual Integrations
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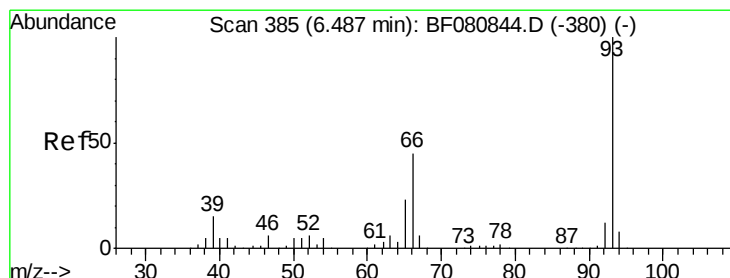
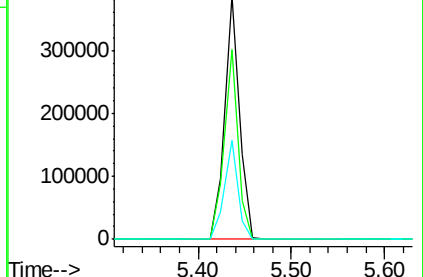
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.49 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

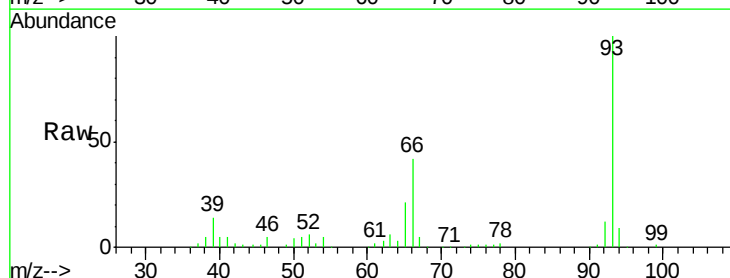
Tgt Ion: 93 Resp: 193130

Ion Ratio Lower Upper

93 100

66 41.8 35.8 53.6

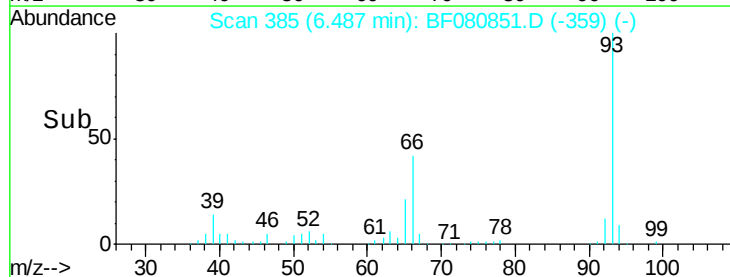
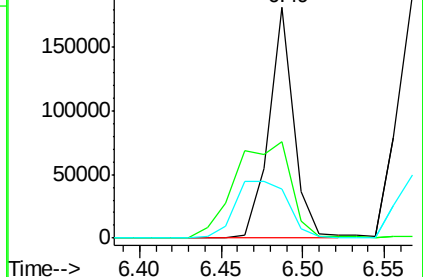
65 21.1 18.2 27.2

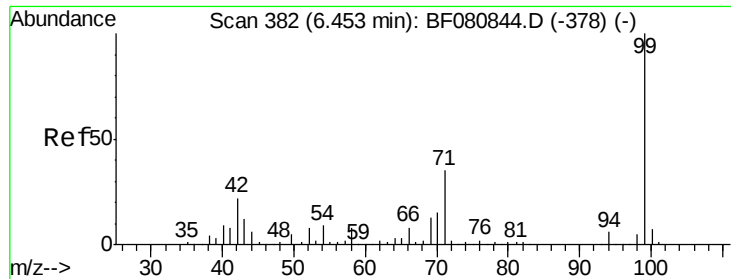


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.77 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080851.D

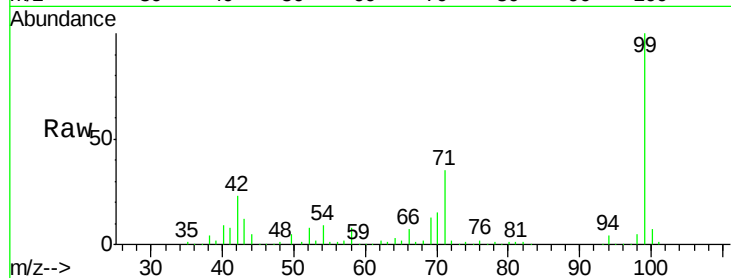
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampled :

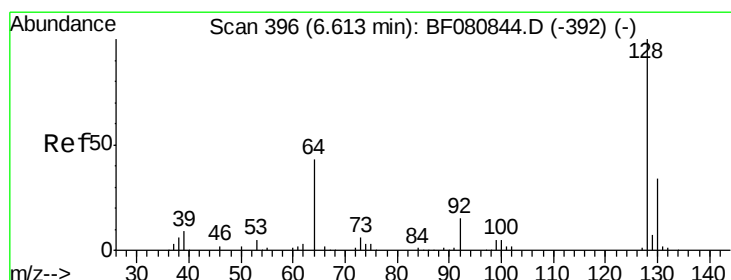
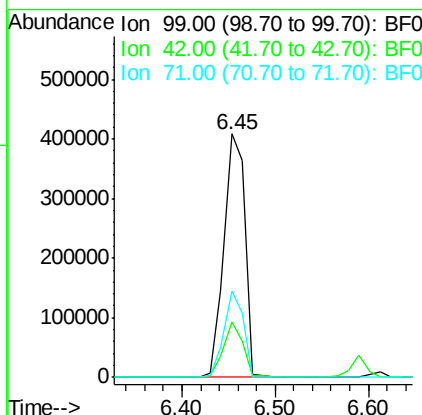
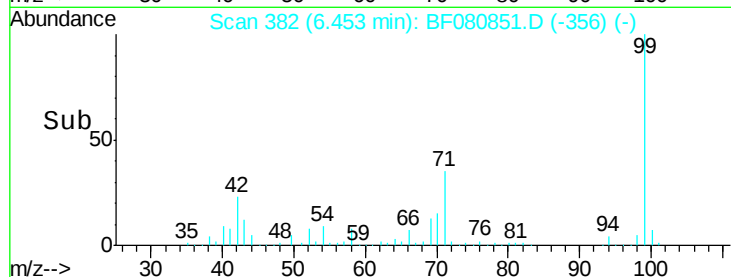
PB84692BS



Tgt Ion:	99	Resp:	640789
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	35.4	28.2	42.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.11 ng

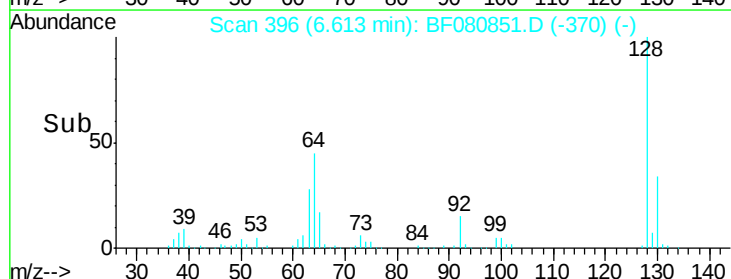
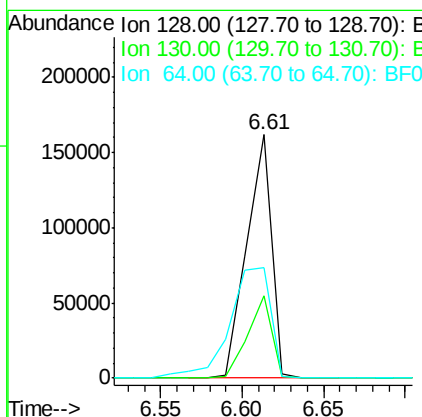
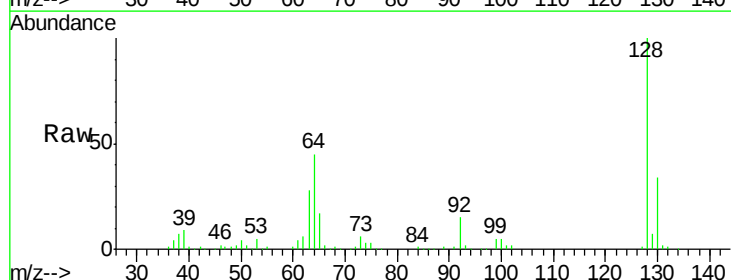
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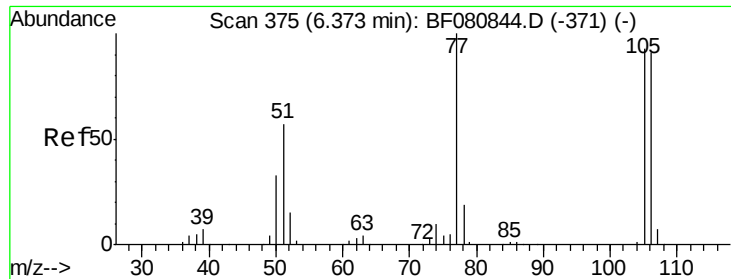
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:	128	Resp:	169930
Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.9	53.9
64	45.3	26.2	66.2





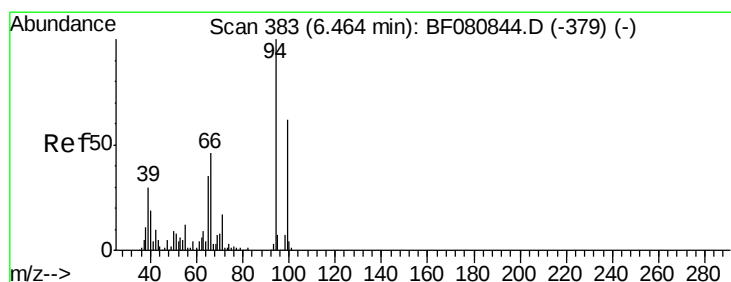
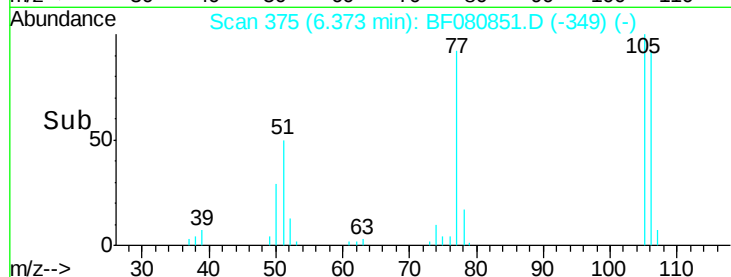
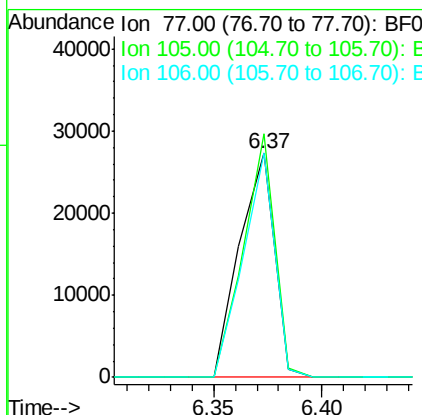
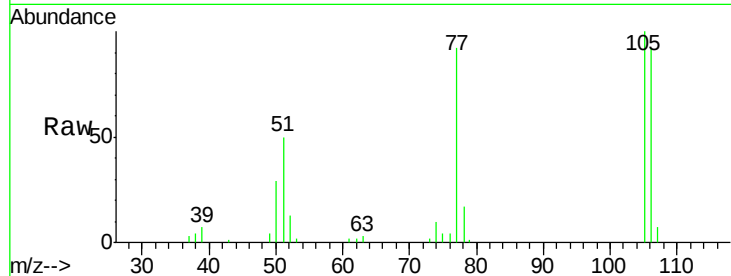
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Benzaldehyde
Concen: 7.04 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF080851.D
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Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	108.7	73.5	113.5
106	100.1	70.8	110.8

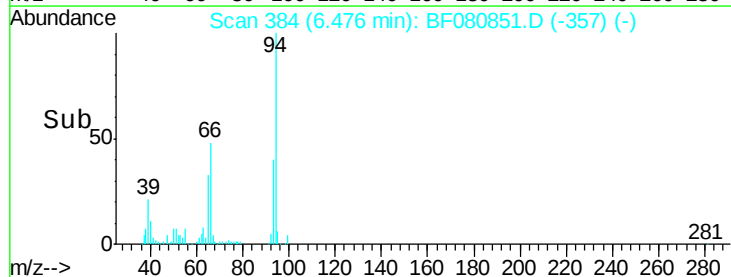
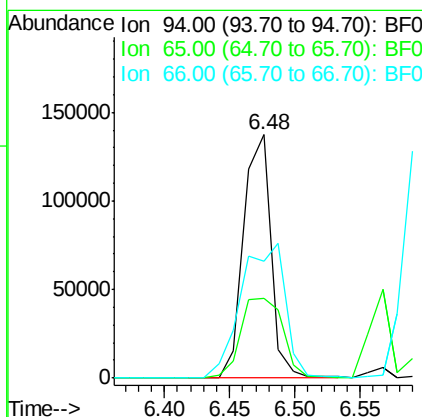
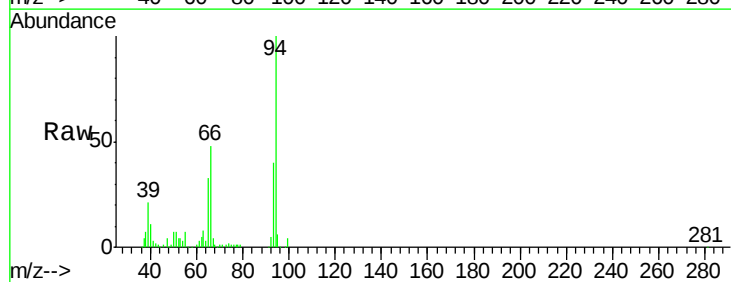
Manual Integrations
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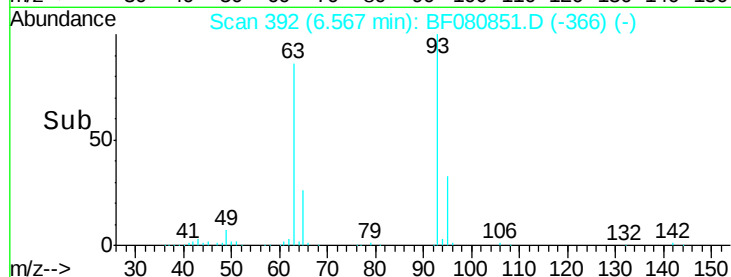
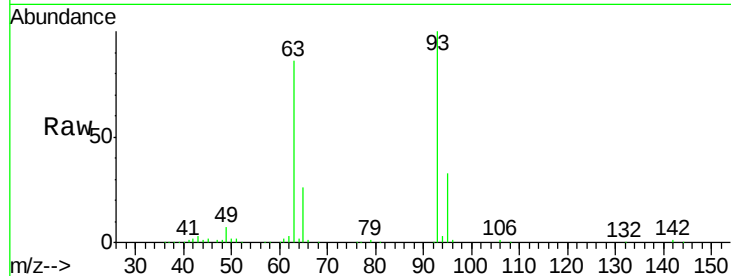
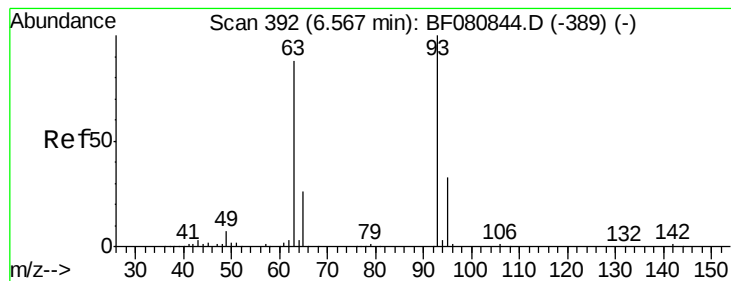
MMDadoda
8/5/2015 7:00:55 PM



#10
Phenol
Concen: 27.35 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	15.2	55.2
66	48.2	25.9	65.9





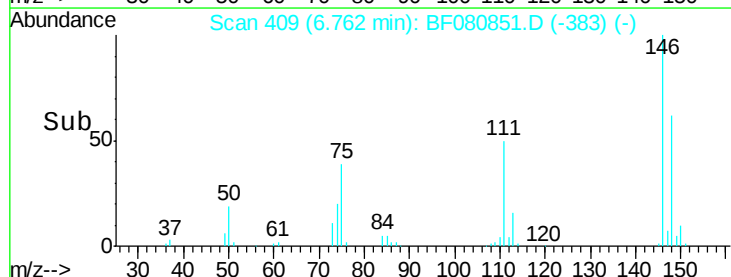
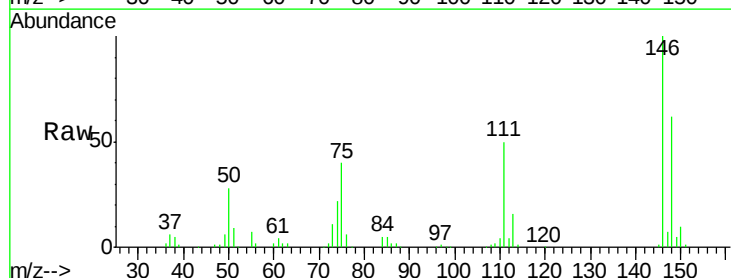
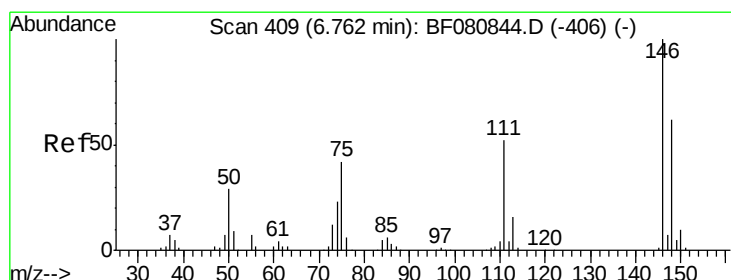
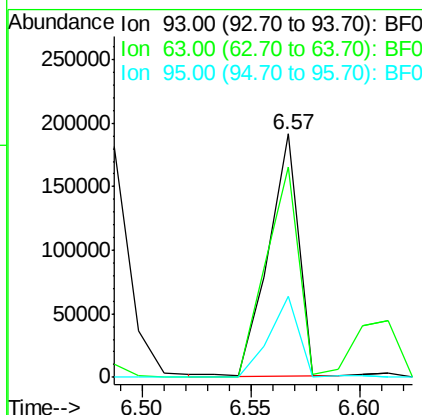
#11
bis(2-Chloroethyl)ether
Concen: 34.00 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	186549		
63	86.4	67.6	107.6	
95	33.1	12.9	52.9	

Instrument :
BNA_F
ClientSampleId :
PB84692BS

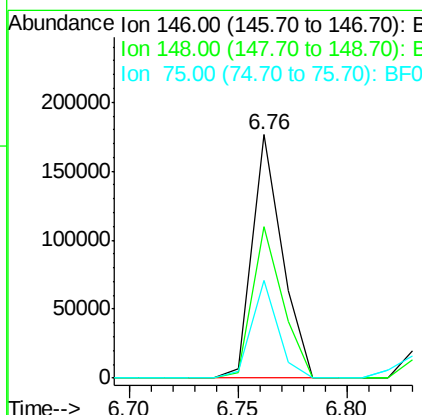
Manual Integrations
APPROVED

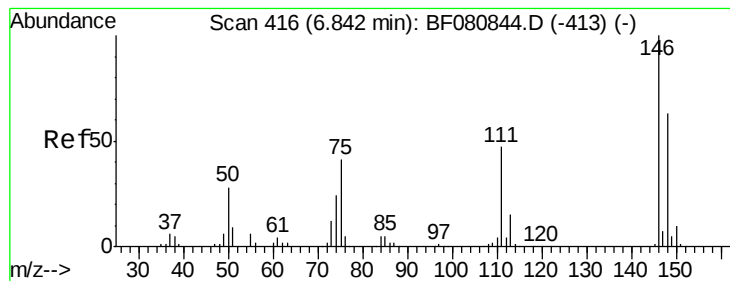
MMDadoda
8/5/2015 7:00:55 PM



#12
1,3-Dichlorobenzene
Concen: 29.81 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169054		
148	62.4	49.7	74.5	
75	39.9	33.5	50.3	





#13

1,4-Dichlorobenzene

Concen: 31.34 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

Tgt Ion:146 Resp: 178378

Ion Ratio Lower Upper

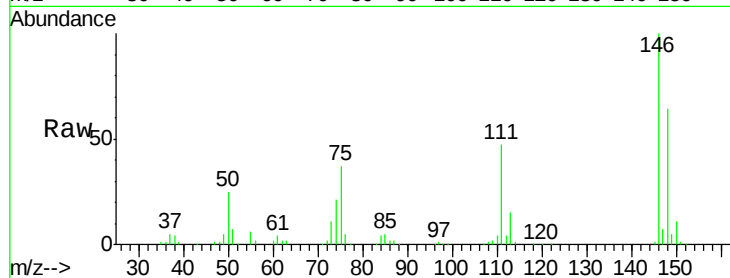
146 100

148 63.5 50.5 75.7

111 46.8 38.0 57.0

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:55 PM



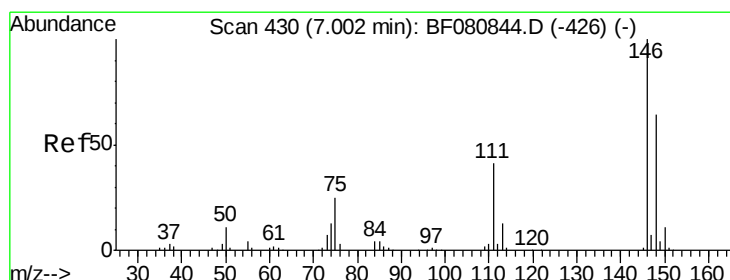
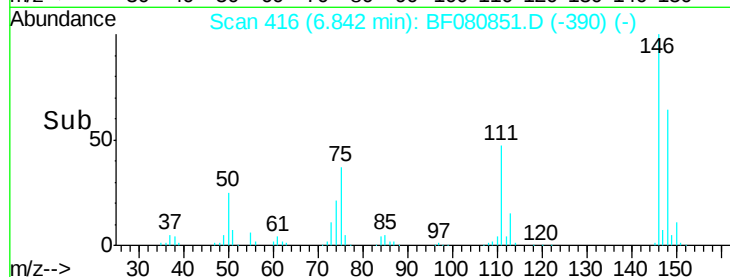
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.84

Time-->



#14

1,2-Dichlorobenzene

Concen: 29.41 ng m

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

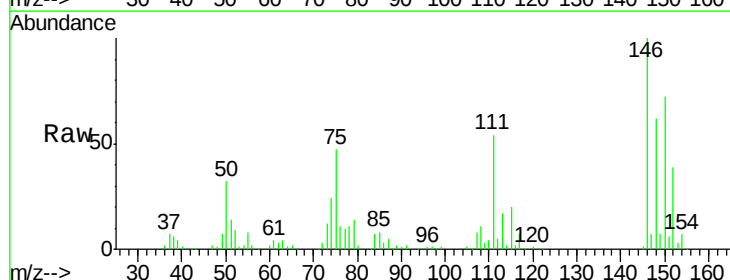
Tgt Ion:146 Resp: 157949

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

111 53.7 32.7 49.1#



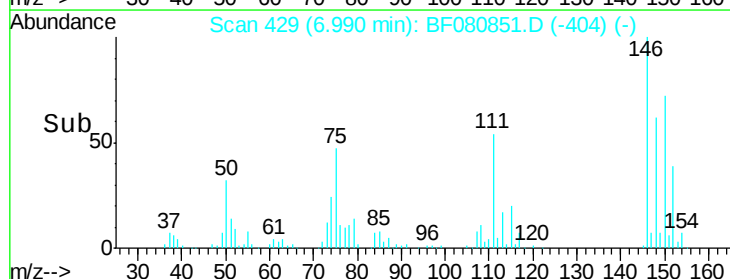
Abundance Ion 146.00 (145.70 to 146.70): E

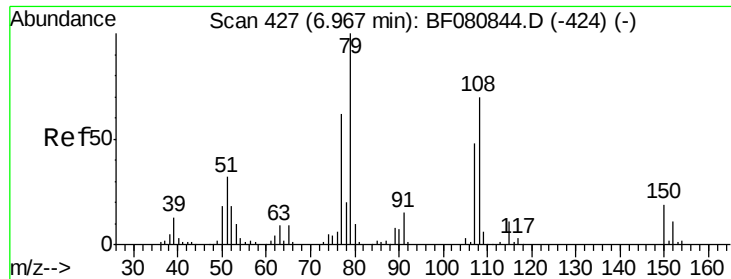
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.99

Time-->





#15

Benzyl Alcohol

Concen: 29.30 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF080851.D

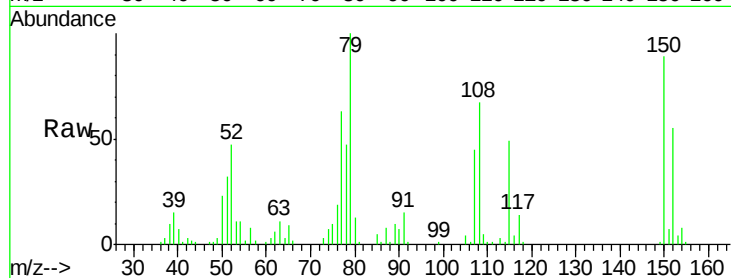
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS



Tgt Ion: 79 Resp: 118169

Ion Ratio Lower Upper

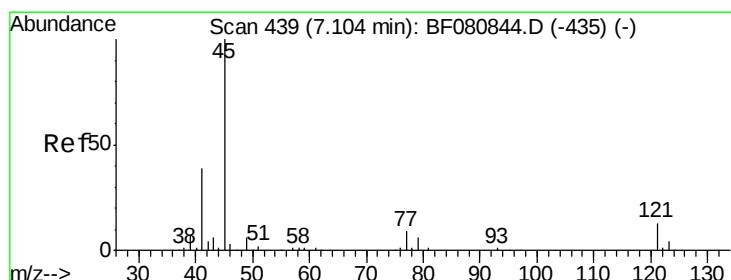
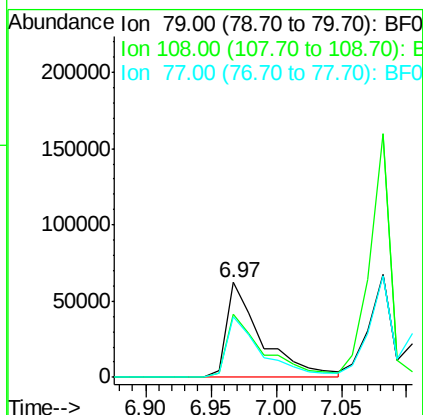
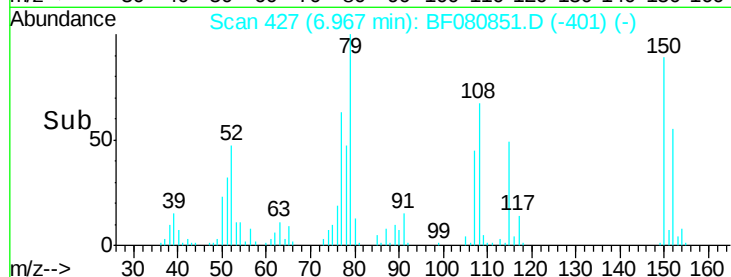
79 100

108 66.8 55.9 83.9

77 63.4 49.4 74.2

Manual Integrations
APPROVED

MMDadoda
8/5/2015 7:00:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.90 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

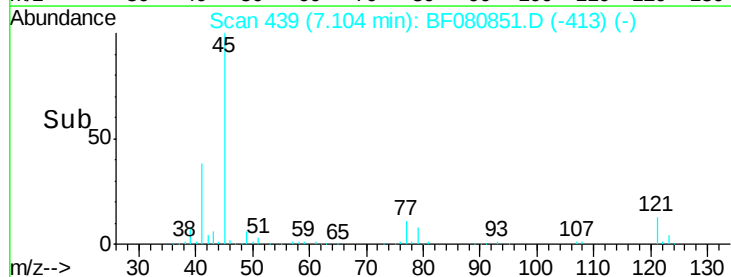
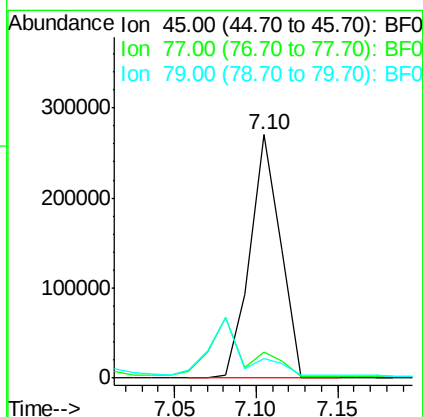
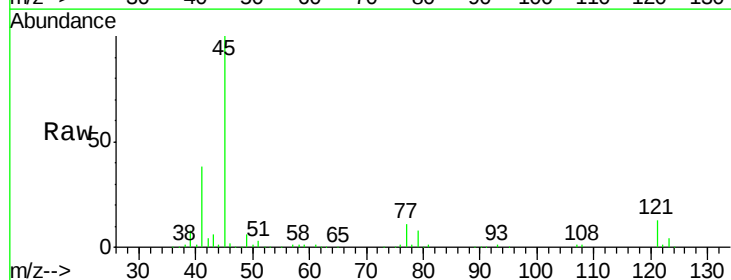
Tgt Ion: 45 Resp: 349410

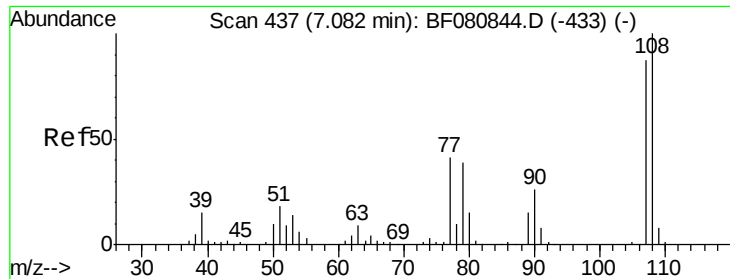
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.5

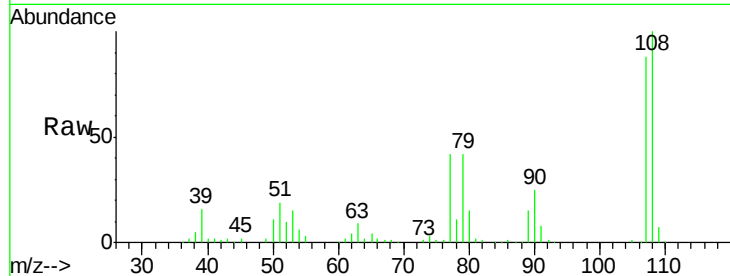
79 8.2 0.0 28.2





#17
2-Methylphenol
Concen: 34.04 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

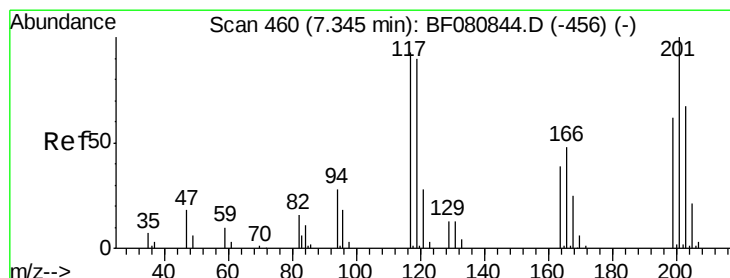
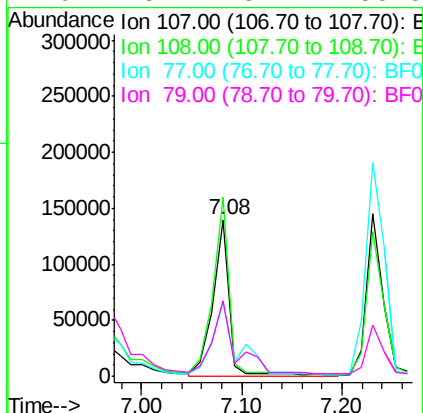
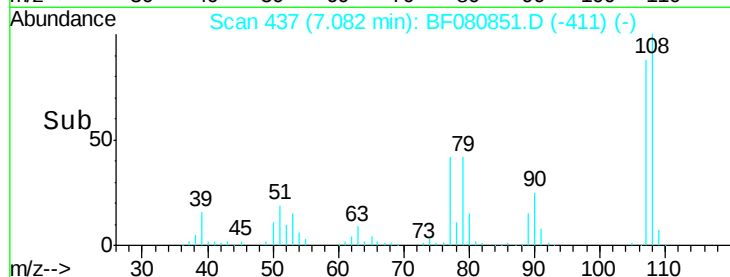
Instrument :
BNA_F
ClientSampleId :
PB84692BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	157779		
108	108	114.1	91.8	137.8	
77	77	47.7	38.2	57.2	
79	79	48.2	37.4	56.0	

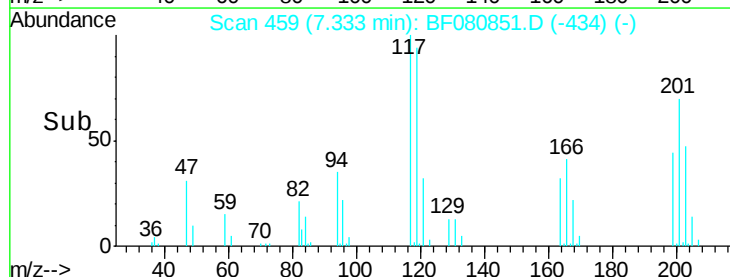
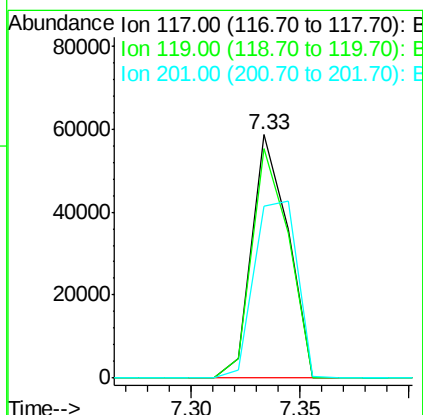
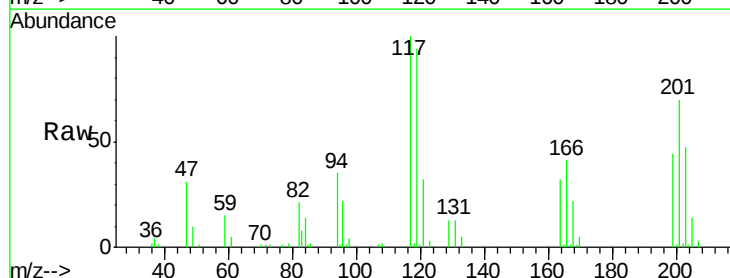
Manual Integrations
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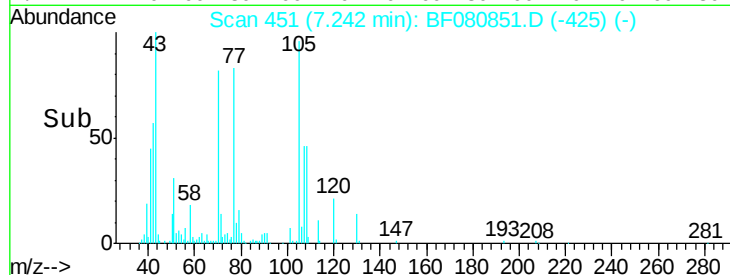
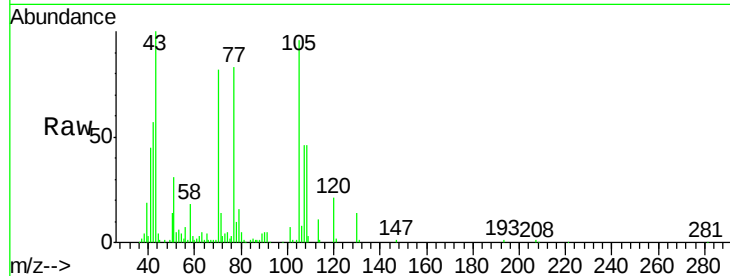
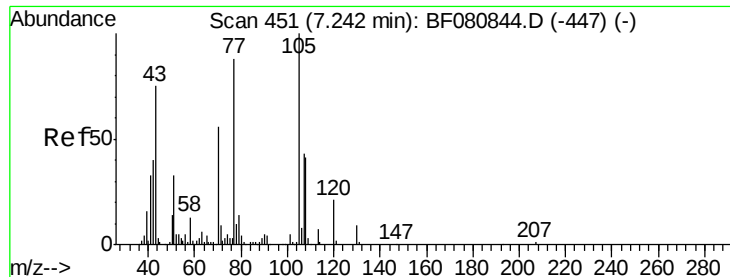
MMDadoda
8/5/2015 7:00:55 PM



#18
Hexachloroethane
Concen: 31.40 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	67919		
119	119	94.4	77.4	116.0	
201	201	70.5	85.8	128.6	





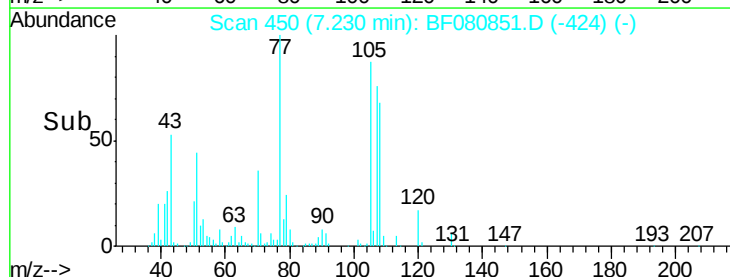
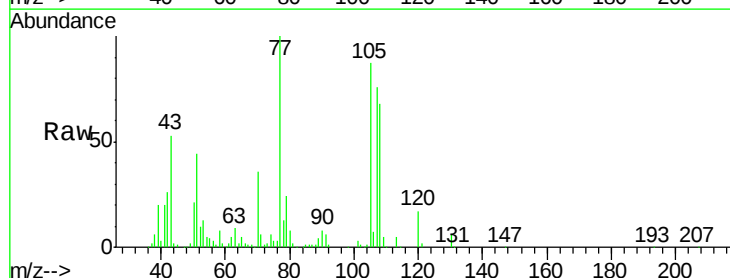
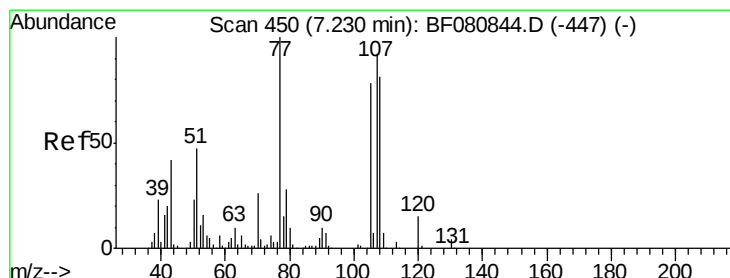
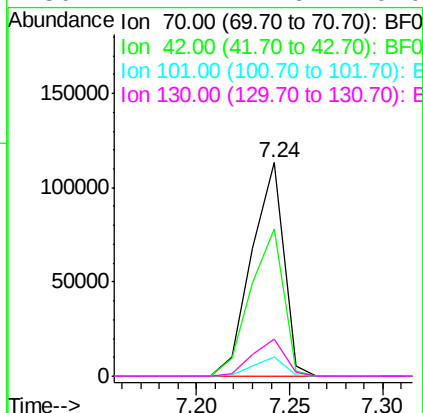
#19
n-Nitroso-di-n-propylamine
Concen: 33.89 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Manual Integrations
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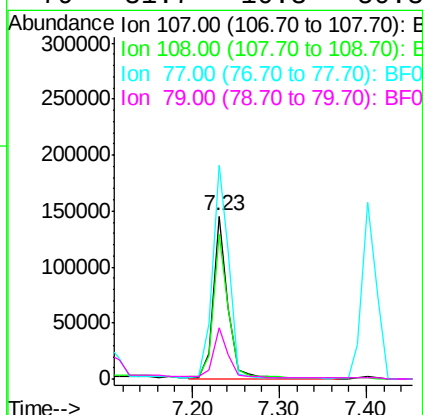
MMDadoda
8/5/2015 7:00:55 PM

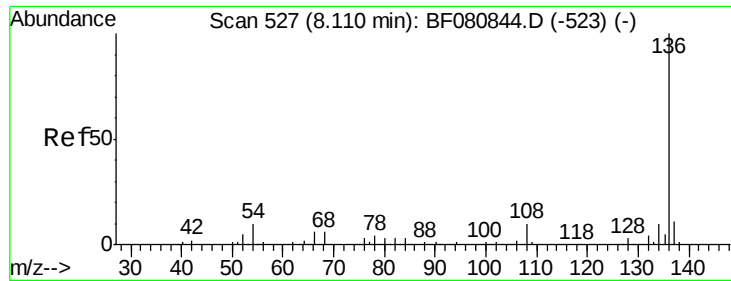
Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.8	57.8	86.8
101	9.1	6.7	10.1
130	17.2	12.6	19.0



#20
3+4-Methylphenols
Concen: 31.89 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	130.8	88.5	128.5#
79	31.7	10.3	50.3





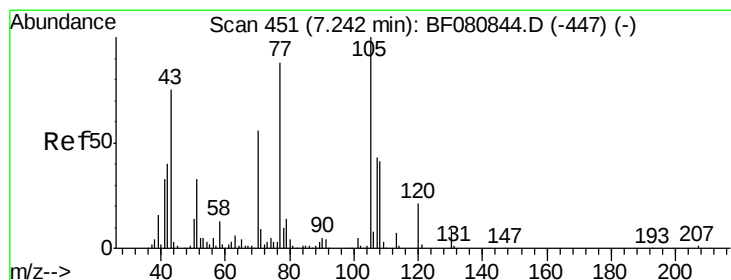
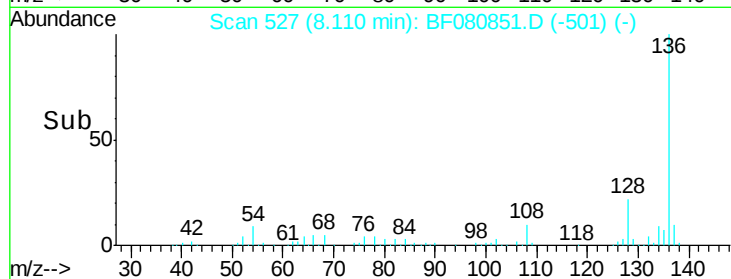
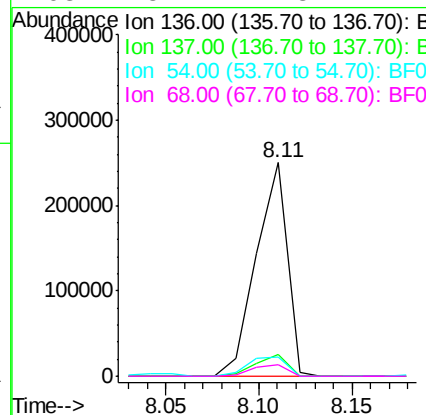
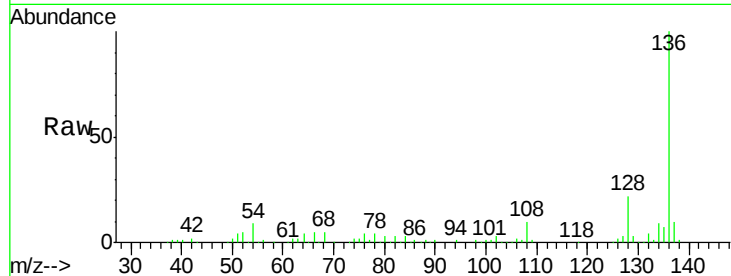
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	288431		
137	10.4	8.6	13.0	
54	9.2	8.3	12.5	
68	5.2	4.8	7.2	

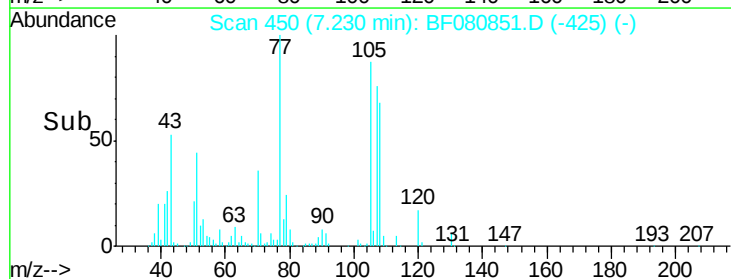
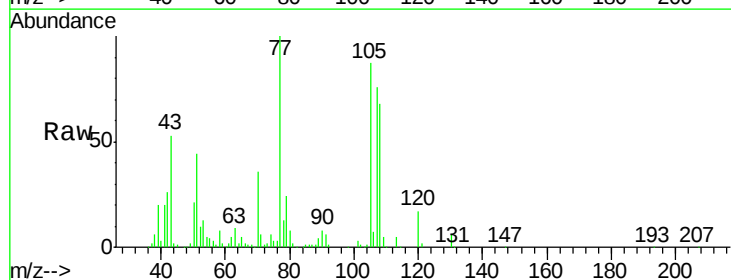
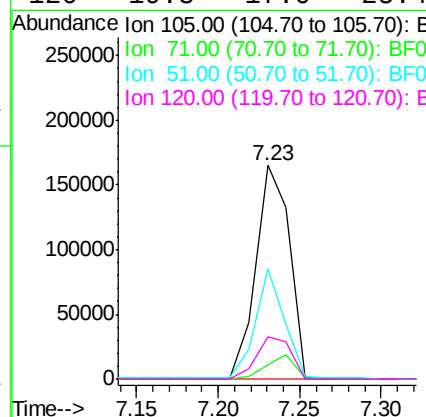
Manual Integrations
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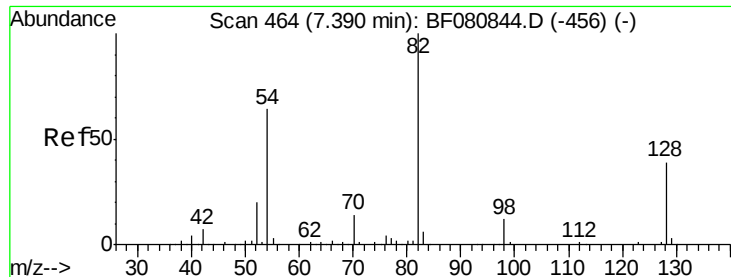
MMDadoda
8/5/2015 7:00:55 PM



#22
Acetophenone
Concen: 33.36 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234972		
71	6.9	7.4	11.2#	
51	51.3	26.5	39.7#	
120	19.8	17.0	25.4	





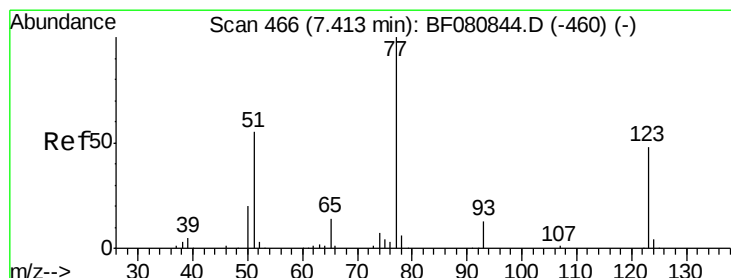
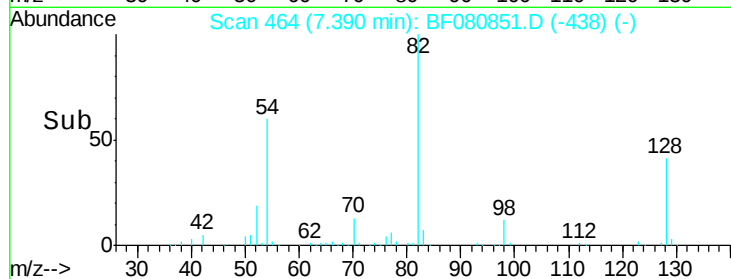
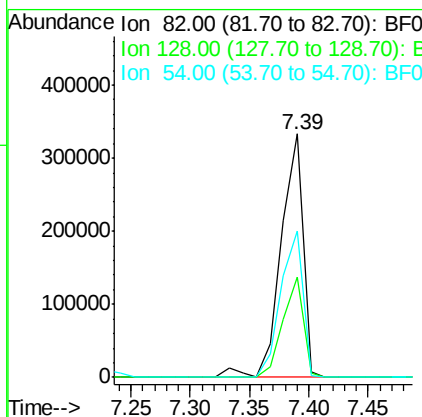
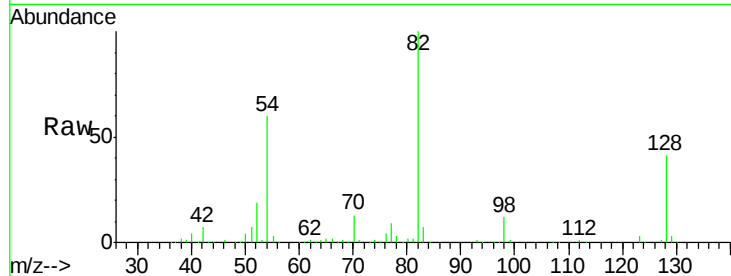
#23
 Nitrobenzene-d5
 Concen: 69.50 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	425372		
128	41.3	31.0	46.4	
54	59.9	51.0	76.6	

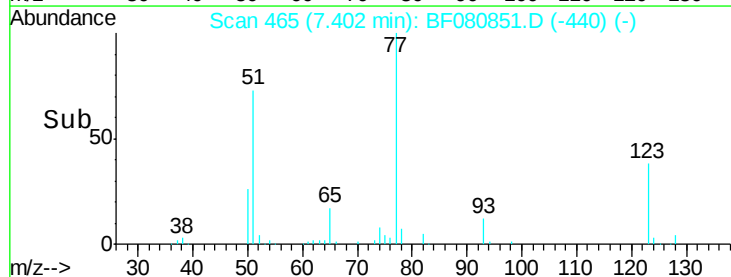
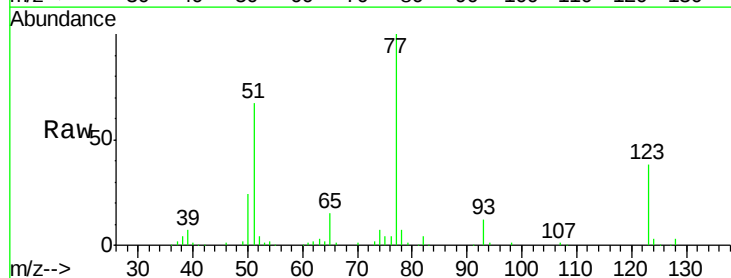
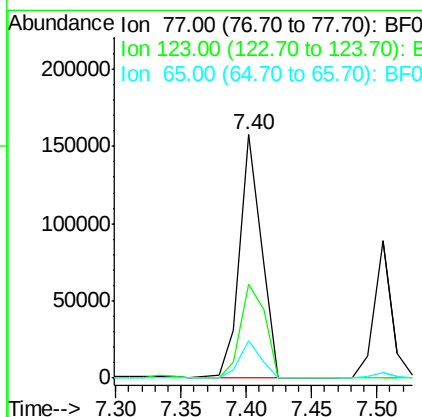
Manual Integrations
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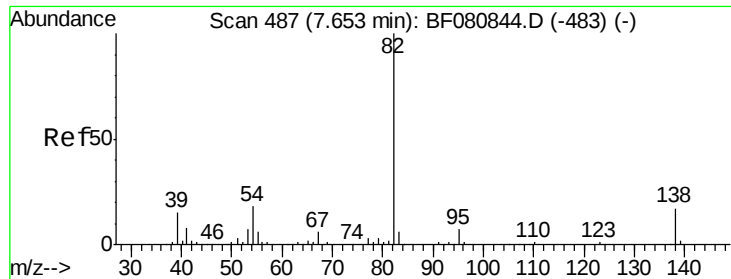
MMDadoda
 8/5/2015 7:00:55 PM



#24
 Nitrobenzene
 Concen: 28.35 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	179936		
123	38.5	39.7	59.5#	
65	15.2	11.0	16.6	





#25

Isophorone

Concen: 32.47 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

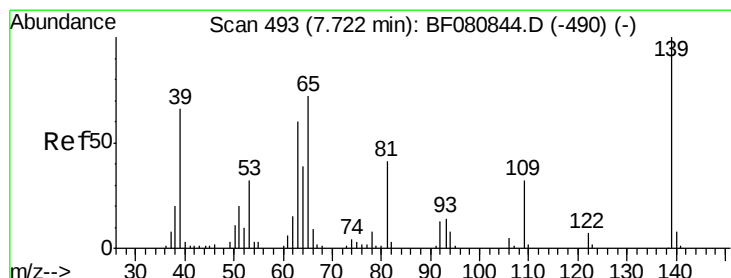
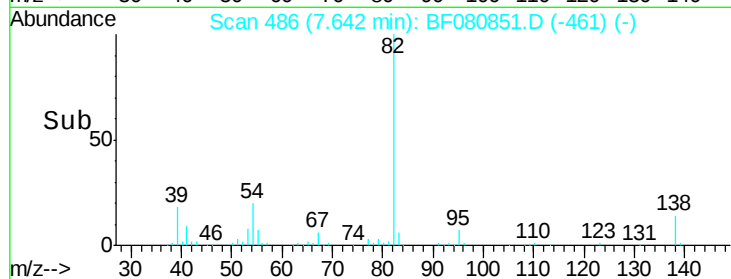
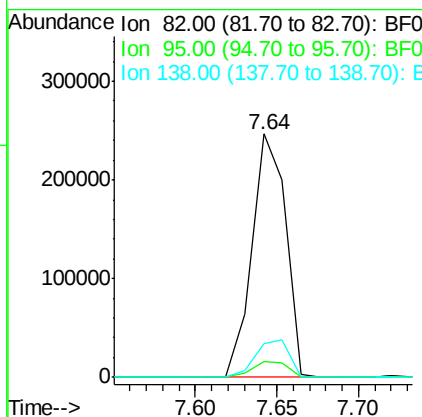
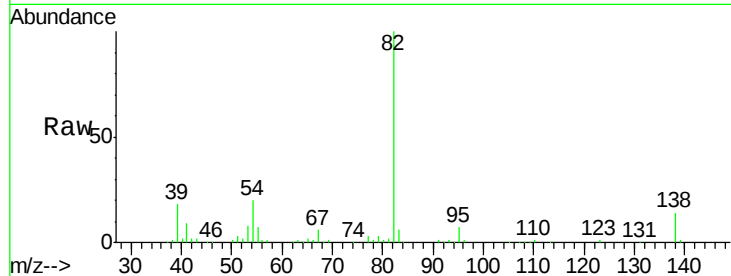
ClientSampleId :

PB84692BS

Tgt Ion:	82	Resp:	352089
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.5	8.3
138	13.8	13.3	19.9

Manual Integrations
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MMDadoda
8/5/2015 7:00:55 PM



#26

2-Nitrophenol

Concen: 32.54 ng

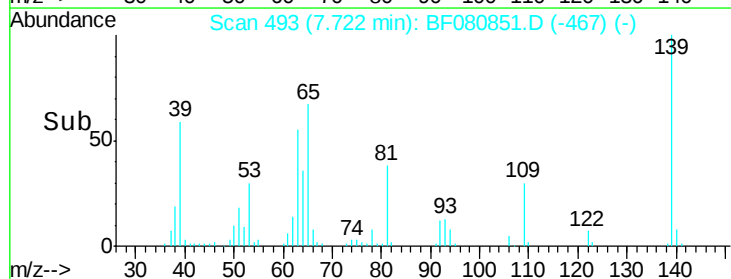
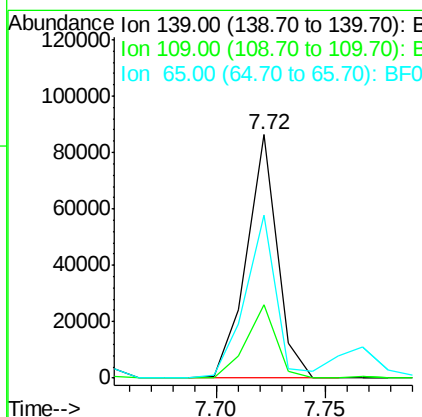
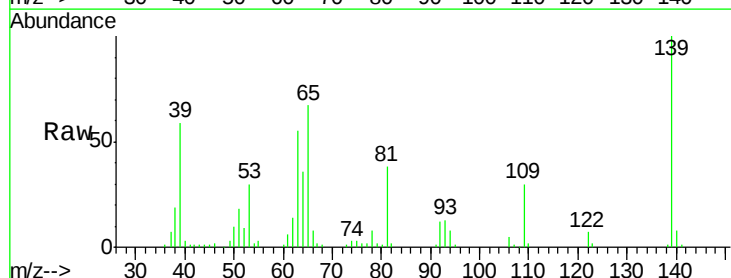
RT: 7.72 min Scan# 493

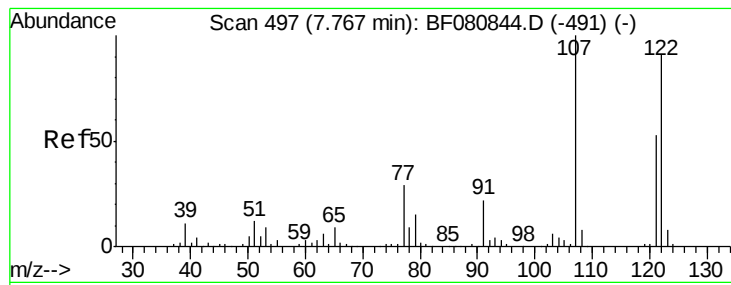
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:	139	Resp:	84735
Ion Ratio		Lower	Upper
139	100		
109	30.0	25.2	37.8
65	66.9	57.3	85.9





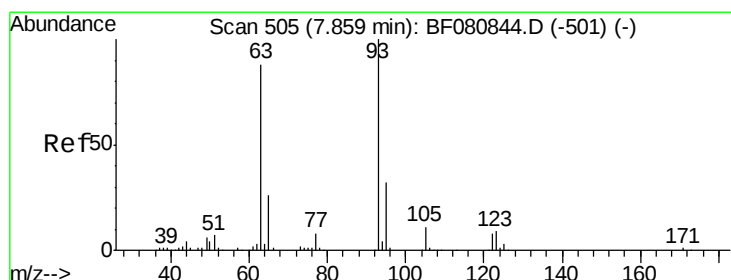
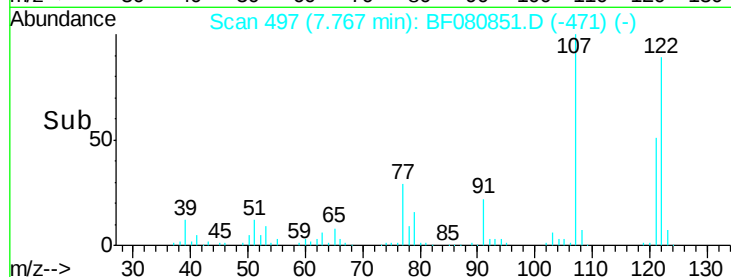
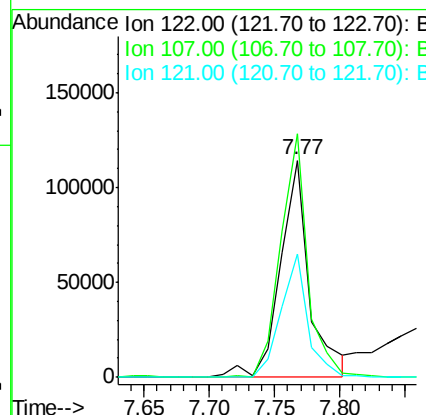
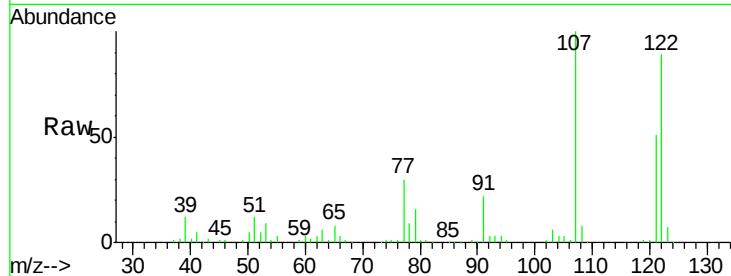
#27
 2,4-Dimethylphenol
 Concen: 37.07 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	179707		
107	112.0	88.2	132.4	
121	56.8	46.8	70.2	

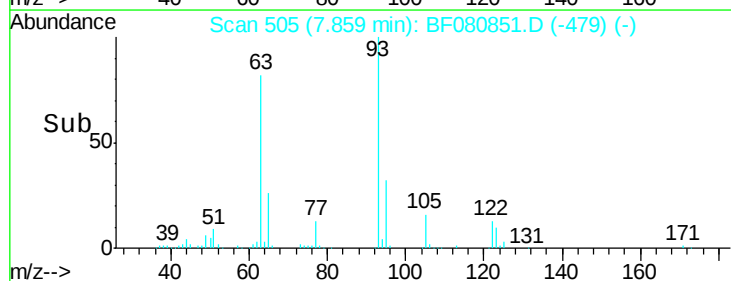
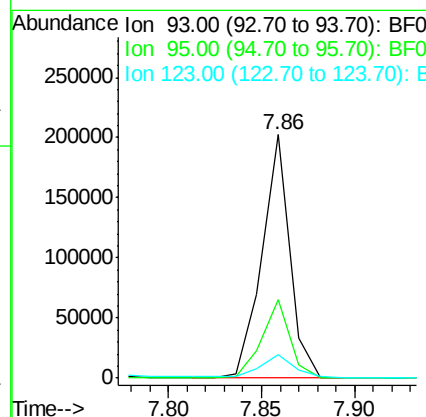
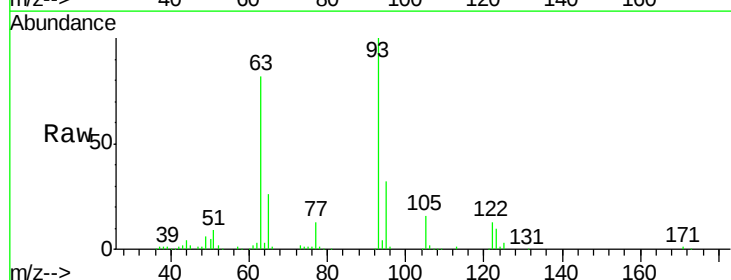
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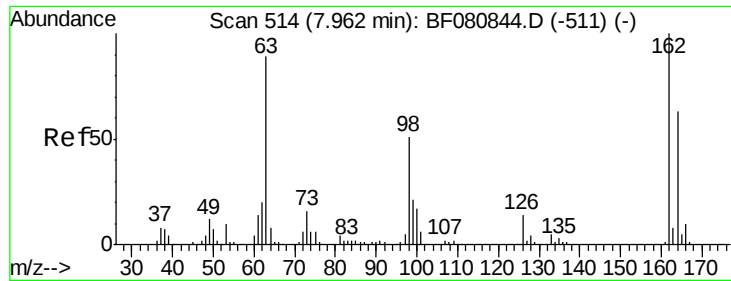
MMDadoda
 8/5/2015 7:00:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.83 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	212263		
95	32.0	25.9	38.9	
123	9.7	7.9	11.9	





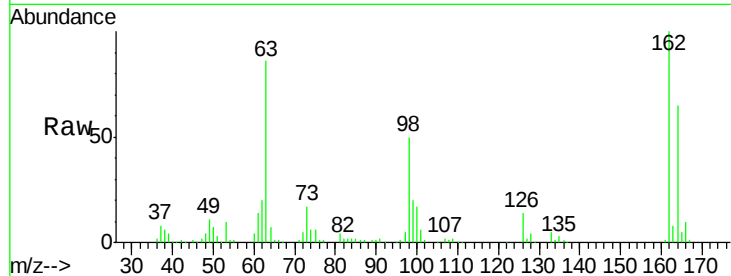
#29
 2,4-Dichlorophenol
 Concen: 32.67 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleID :
 PB84692BS

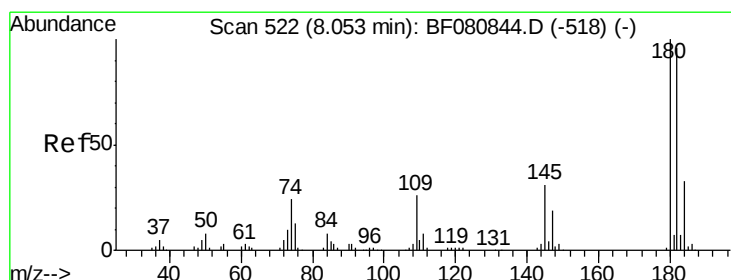
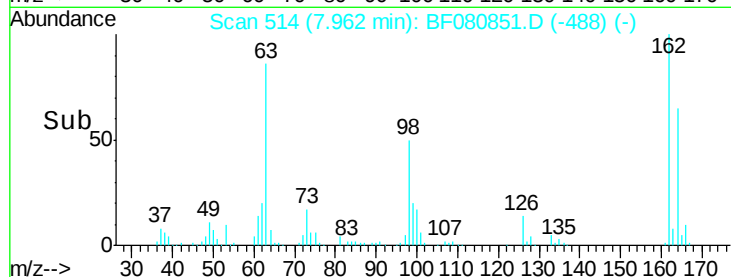
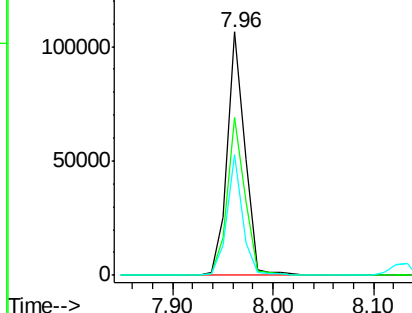
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	43.1	83.1
98	49.6	31.3	71.3

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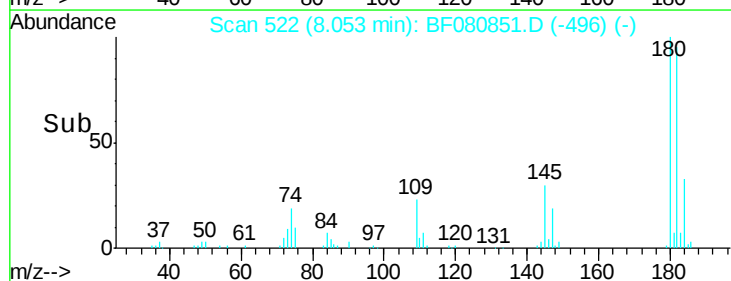
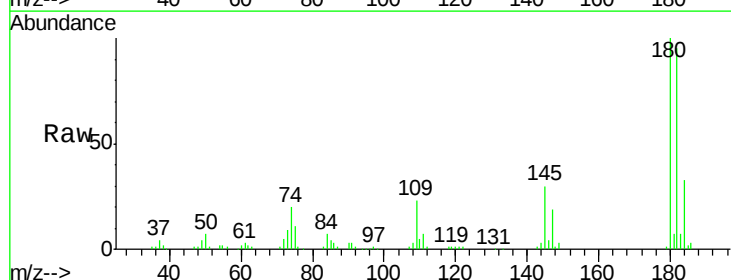
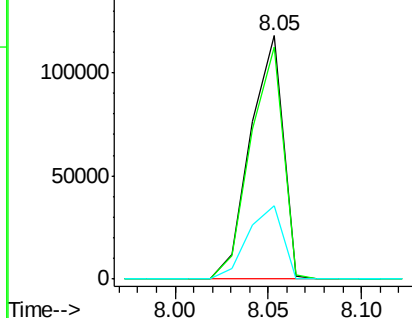
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

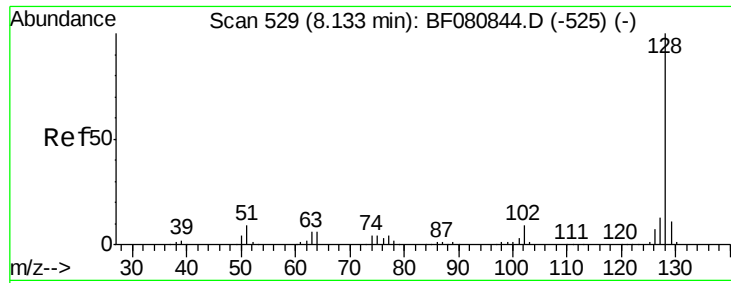


#30
 1,2,4-Trichlorobenzene
 Concen: 31.38 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	77.0	115.4
145	30.0	25.1	37.7

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





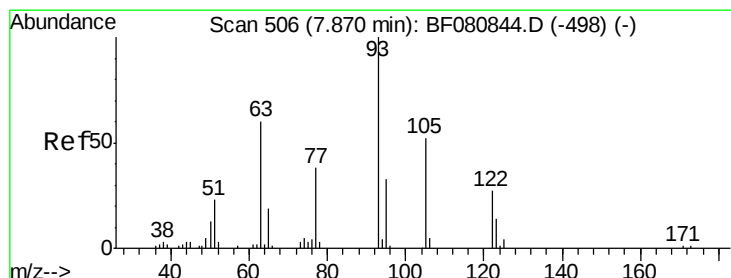
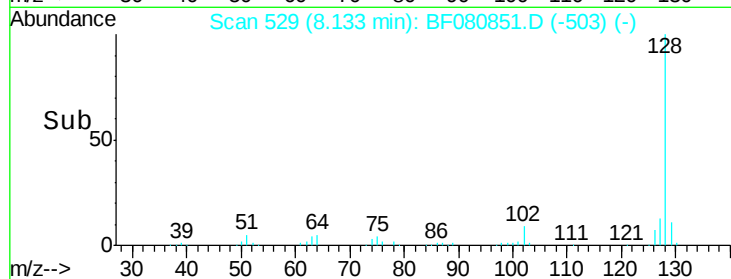
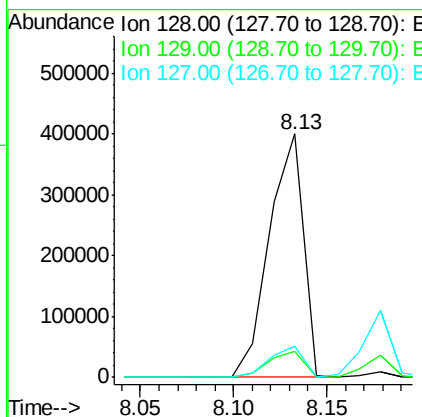
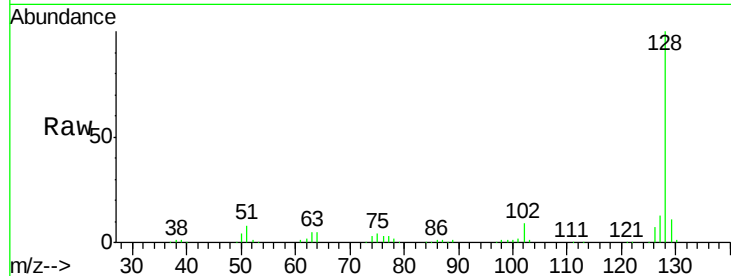
#31
Naphthalene
Concen: 32.66 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	513095		
129	10.9	8.7	13.1	
127	12.7	10.6	15.8	

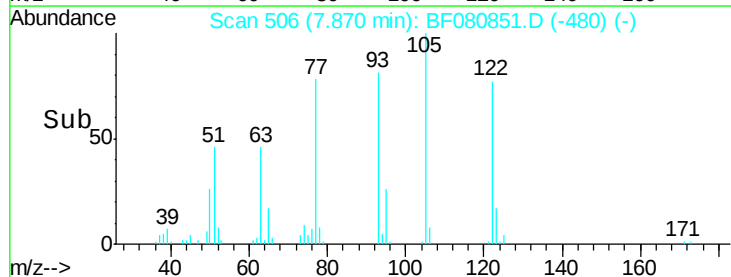
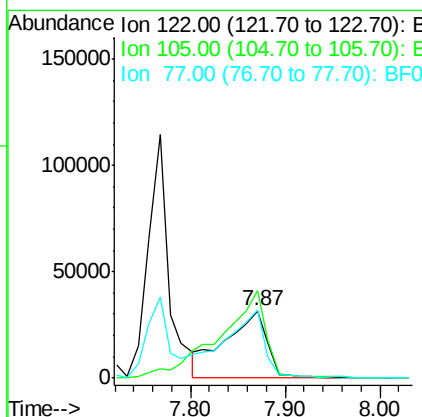
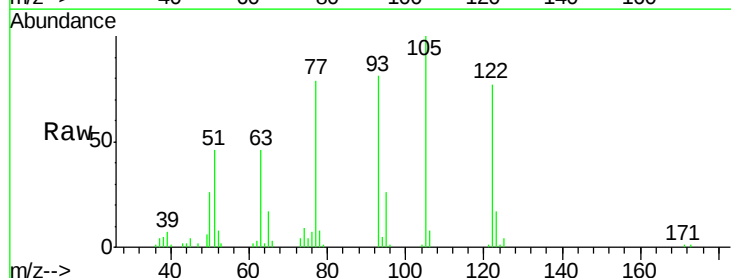
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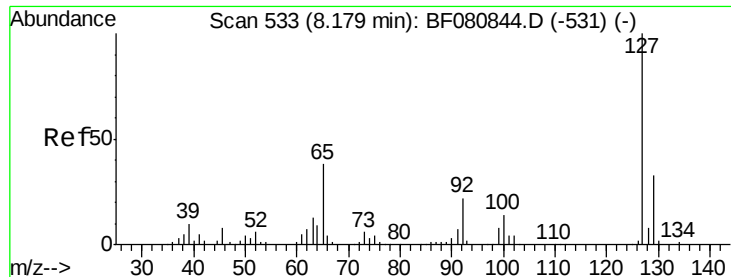
MMDadoda
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#32
Benzoic acid
Concen: 31.01 ng m
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98662		
105	129.4	110.1	150.1	
77	102.2	83.6	123.6	





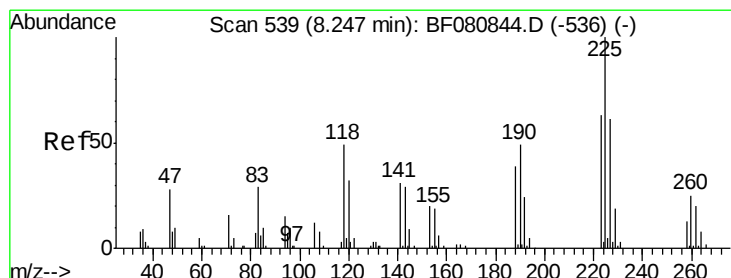
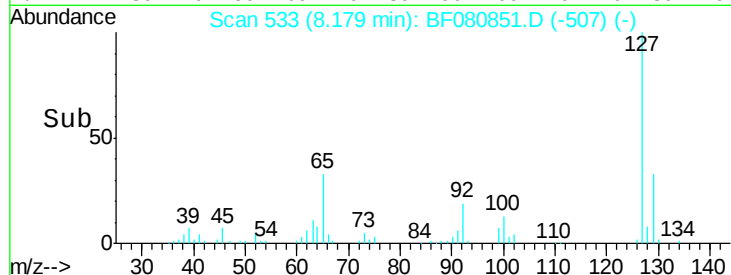
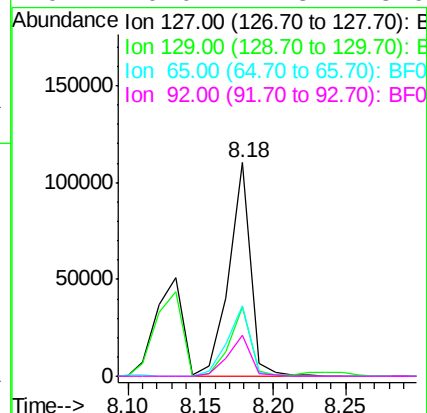
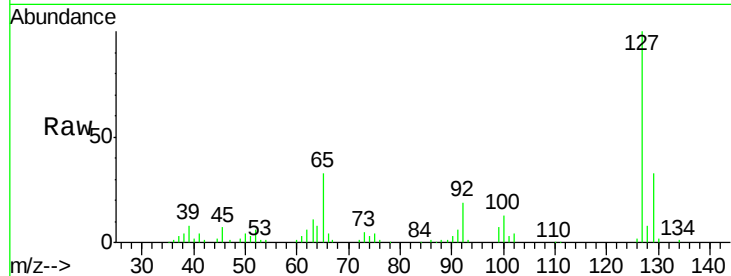
#33
4-Chloroaniline
Concen: 18.52 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	113779		
129	32.5	26.2	39.2	
65	33.0	30.3	45.5	
92	19.0	17.3	25.9	

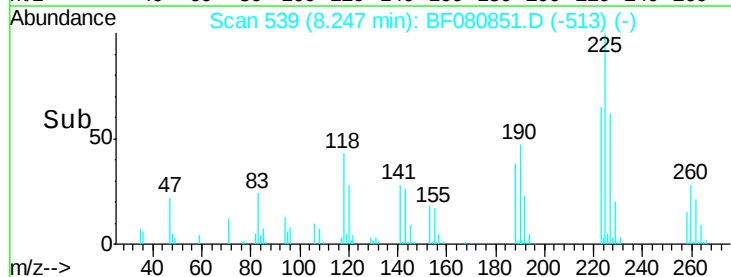
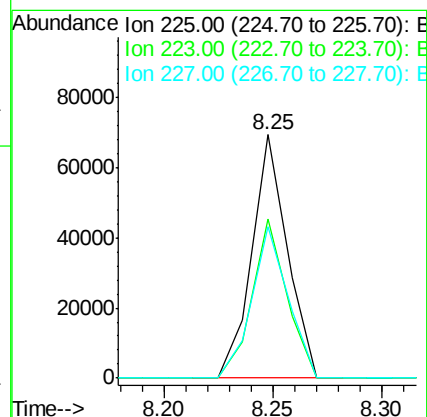
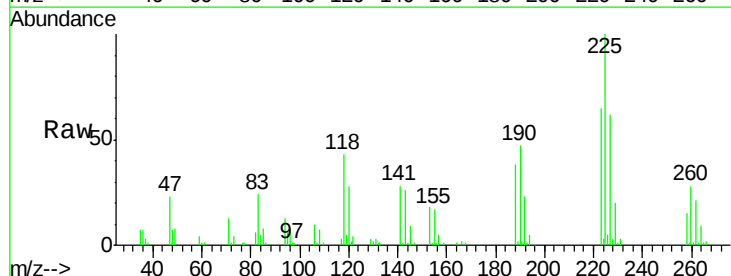
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#34
Hexachlorobutadiene
Concen: 30.23 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78481		
223	65.1	50.0	75.0	
227	62.4	48.5	72.7	





#35

Caprolactam

Concen: 36.34 ng m

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF080851.D

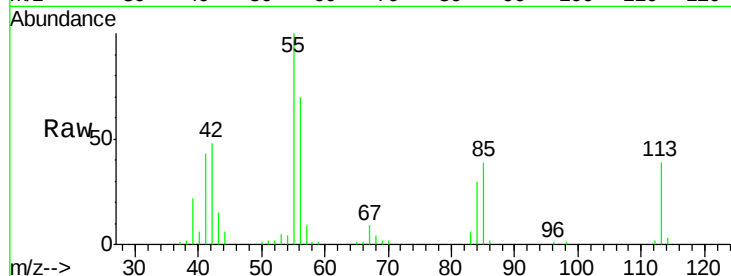
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

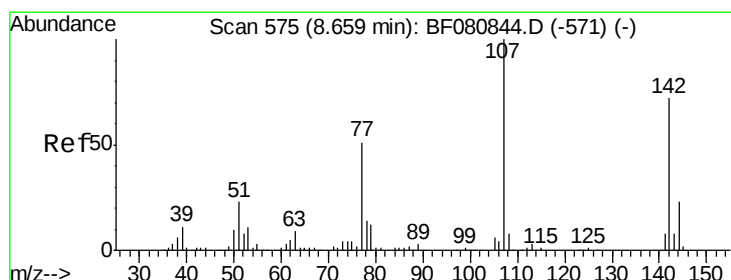
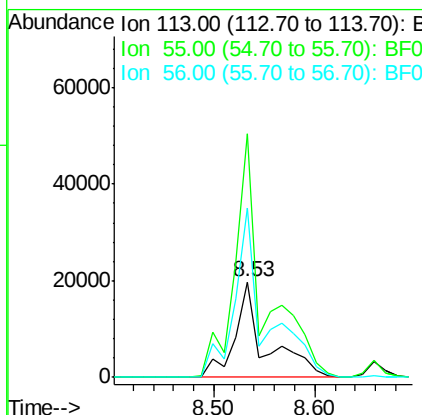
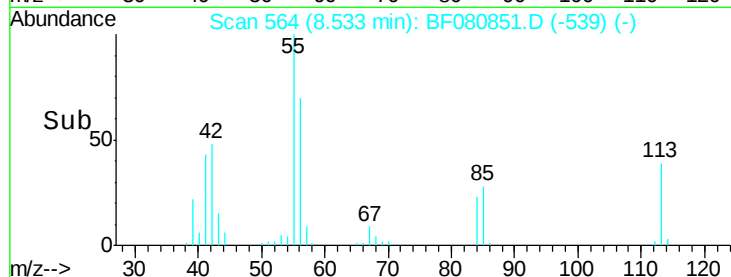
PB84692BS



Tgt Ion:	113	Resp:	41536
Ion Ratio	Lower	Upper	
113	100		
55	254.9	236.2	276.2
56	177.3	165.2	205.2

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 33.51 ng

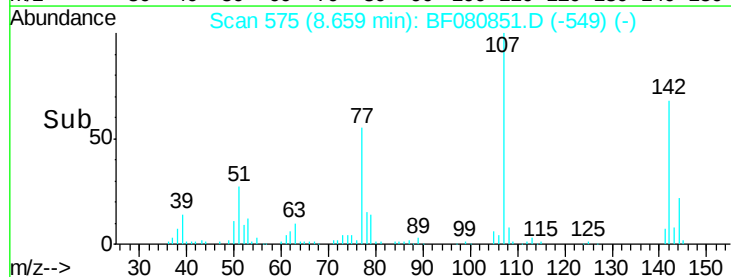
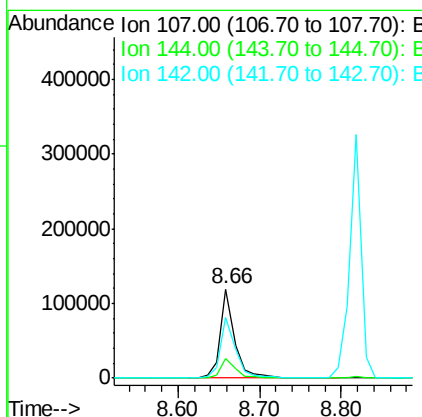
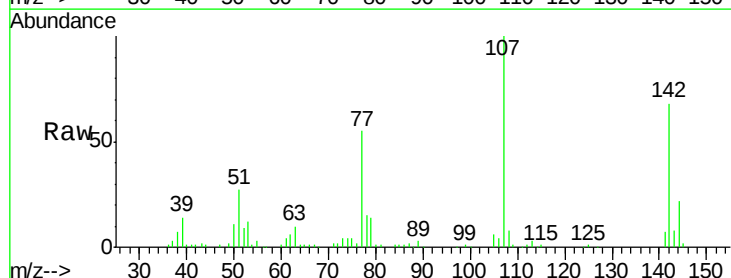
RT: 8.66 min Scan# 575

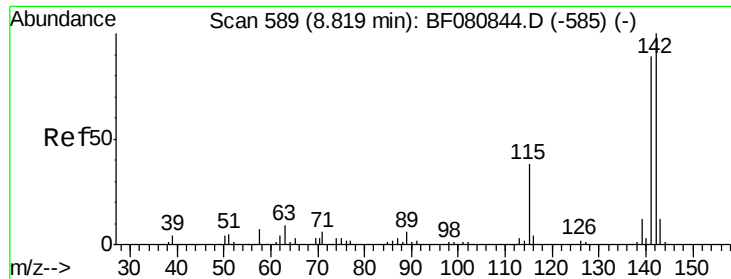
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:	107	Resp:	147150
Ion Ratio	Lower	Upper	
107	100		
144	21.5	18.3	27.5
142	67.9	57.8	86.8





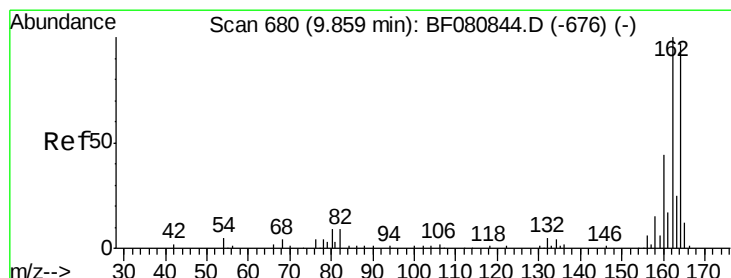
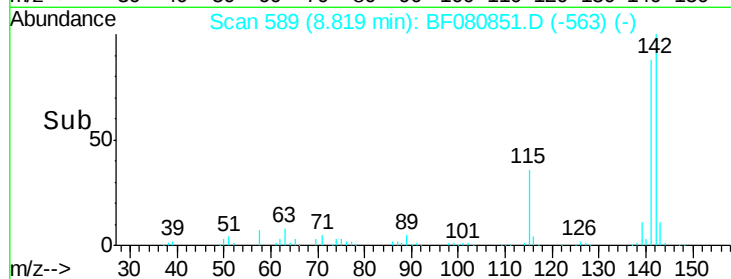
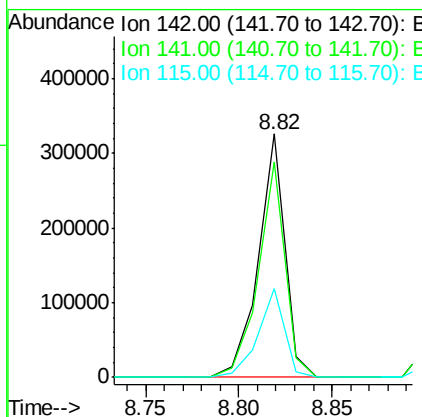
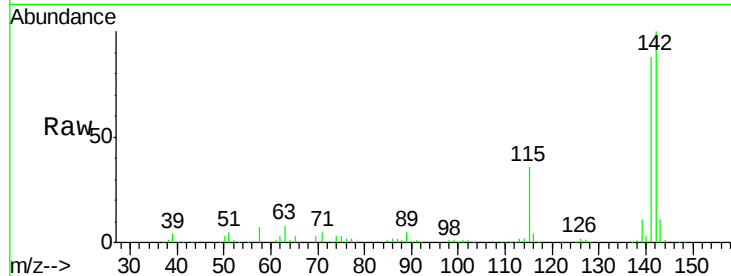
#37
 2-Methylnaphthalene
 Concen: 33.89 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.5	107.3
115	36.4	30.5	45.7

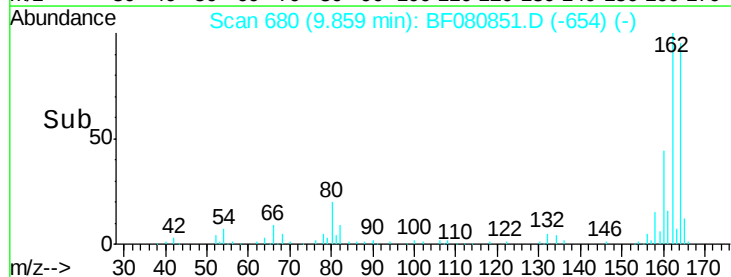
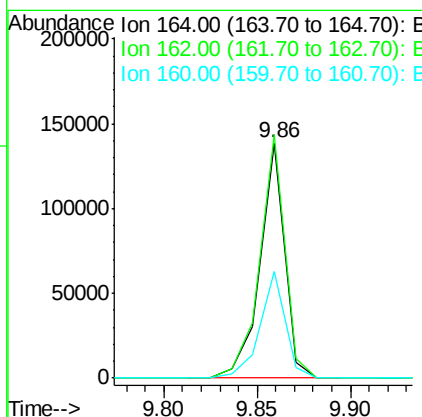
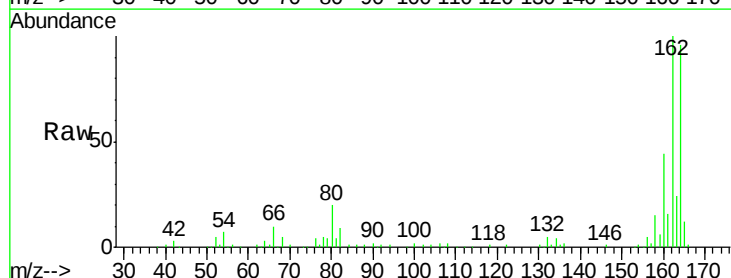
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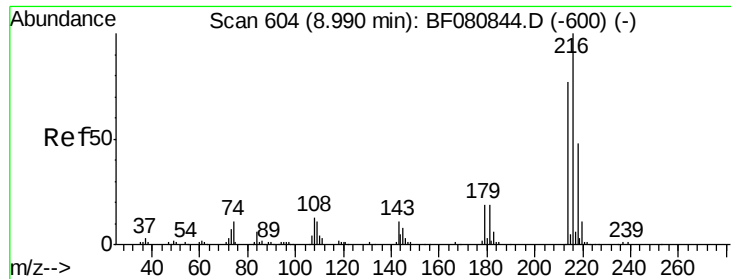
MMDadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.9	124.3
160	45.2	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.80 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080851.D

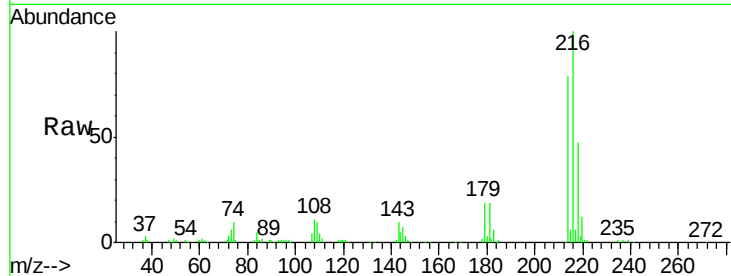
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

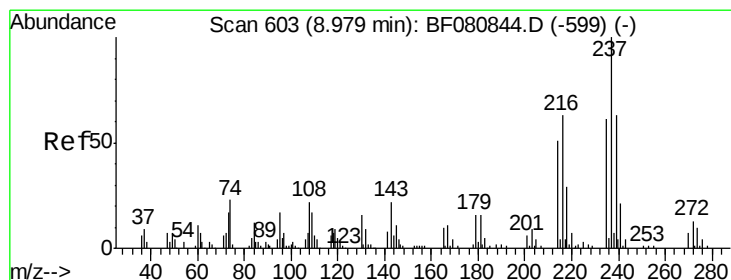
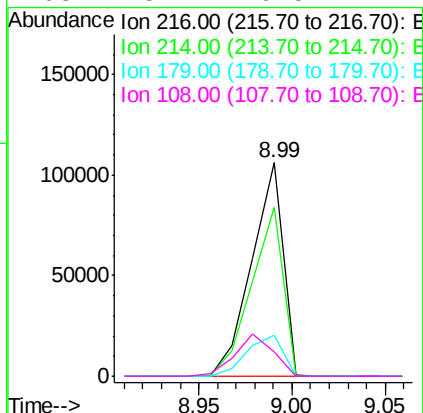
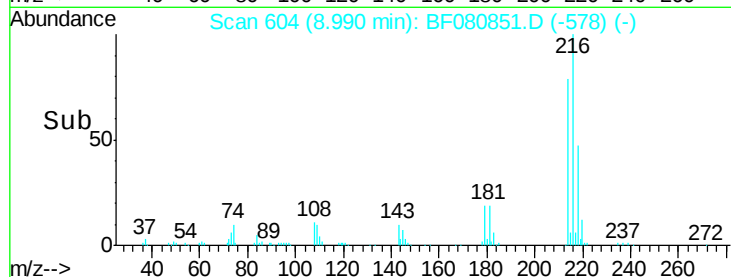
PB84692BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.1	93.1
179	21.9	17.0	25.6
108	23.7	16.5	24.7

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#40

Hexachlorocyclopentadiene

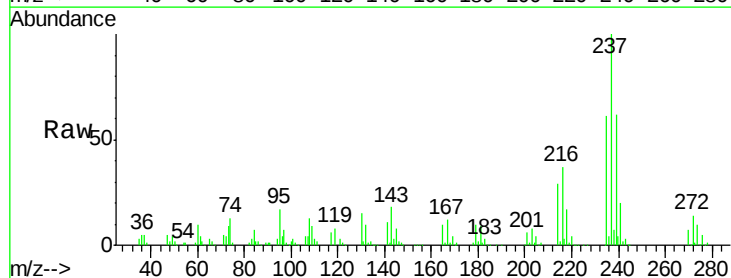
Concen: 68.54 ng

RT: 8.98 min Scan# 603

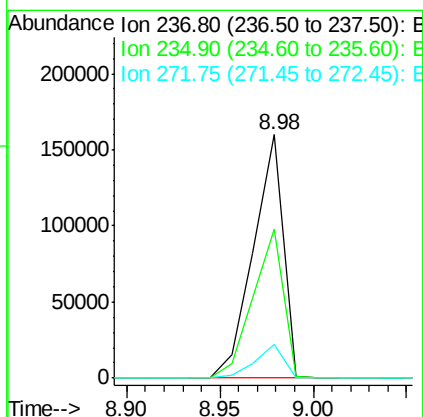
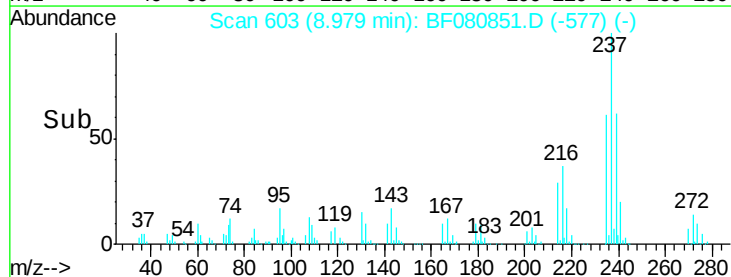
Delta R.T. -0.00 min

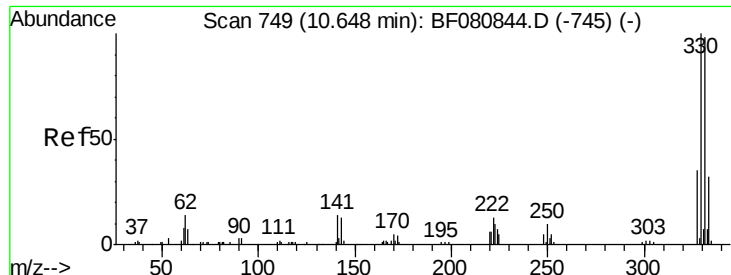
Lab File: BF080851.D

Acq: 4 Aug 2015 21:52



Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	40.9	80.9
272	13.9	0.0	33.1





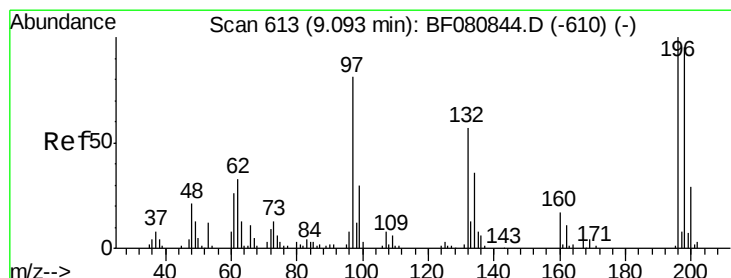
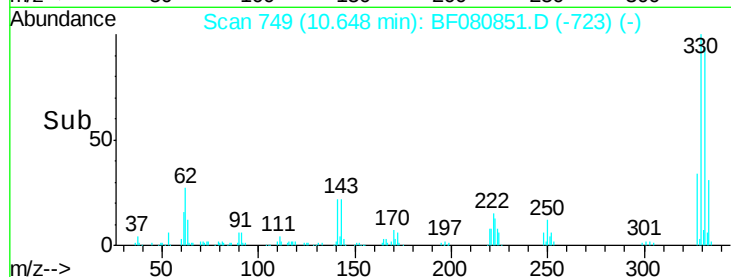
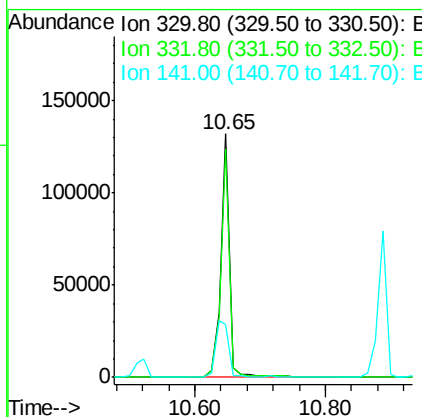
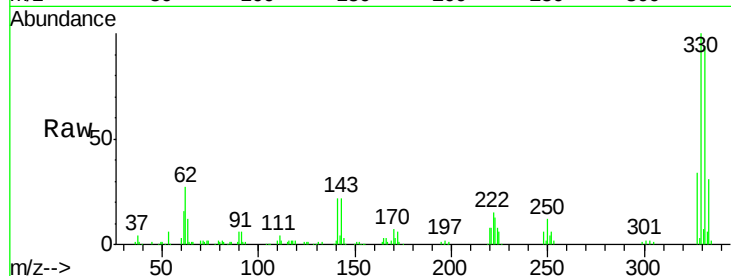
#41
 2,4,6-Tribromophenol
 Concen: 103.97 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion:	330	Resp:	126616
Ion Ratio	Lower	Upper	
330	100		
332	93.8	77.8	116.8
141	35.2	28.4	42.6

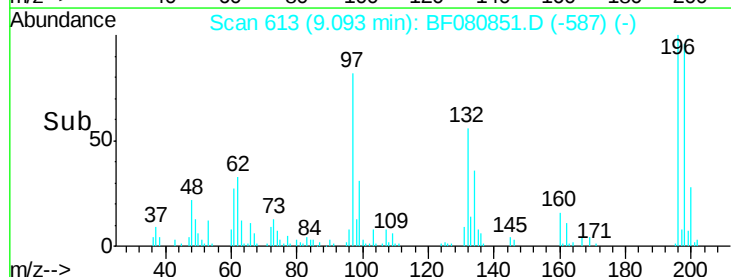
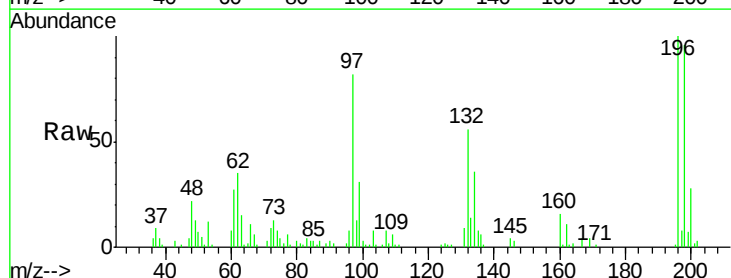
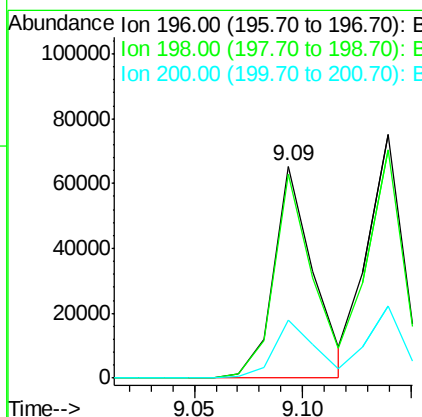
Manual Integrations
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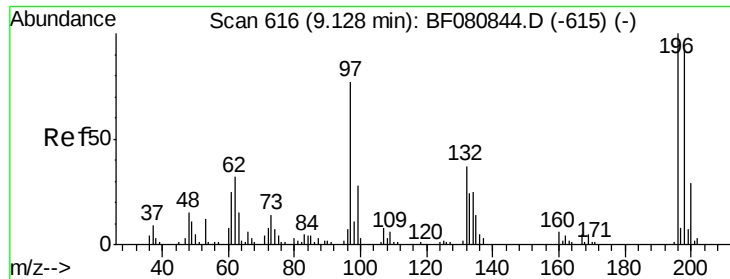
MMDadoda
 8/5/2015 7:00:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 28.43 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

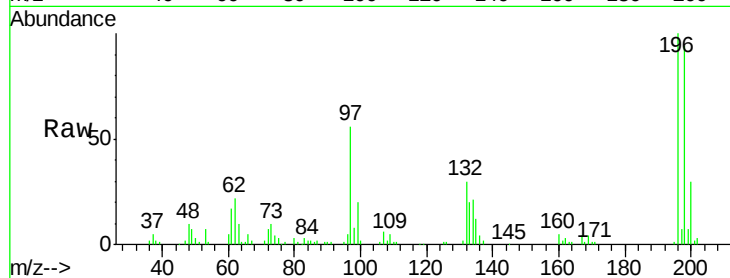
Tgt Ion:	196	Resp:	83052
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.4	114.6
200	27.6	23.1	34.7





#43
 2,4,5-Trichlorophenol
 Concen: 33.59 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

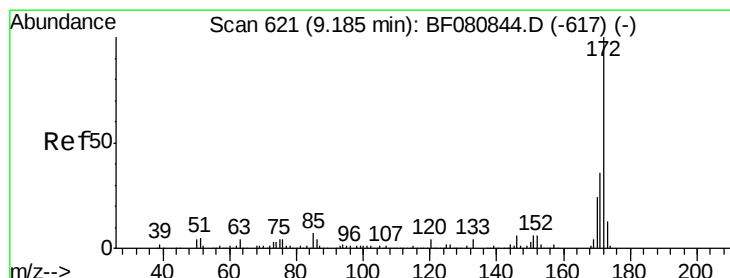
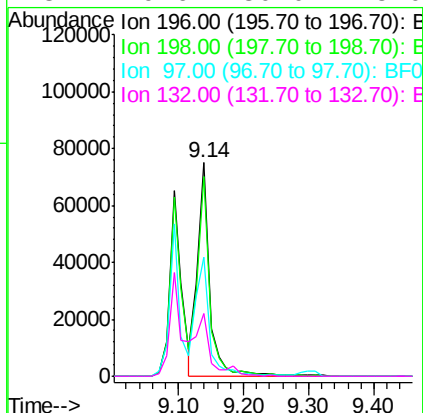
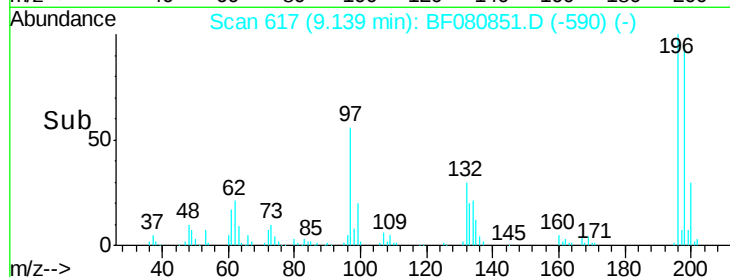
Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS



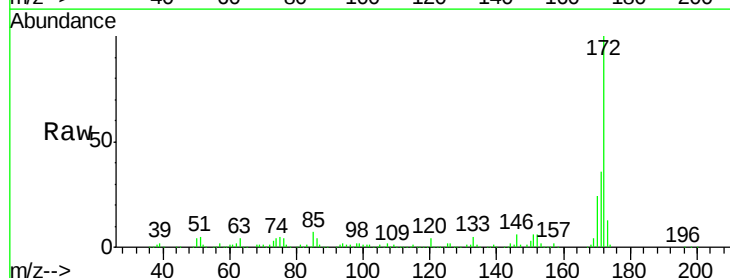
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	98394		
198	93.6	74.2	111.4	
97	56.0	63.0	94.6	#
132	29.6	30.0	45.0	#

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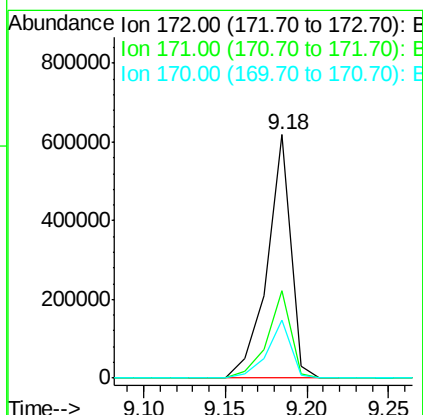
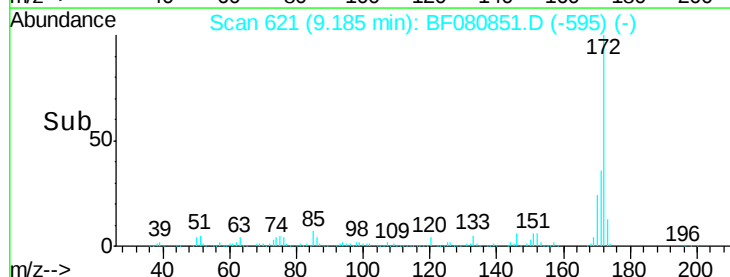
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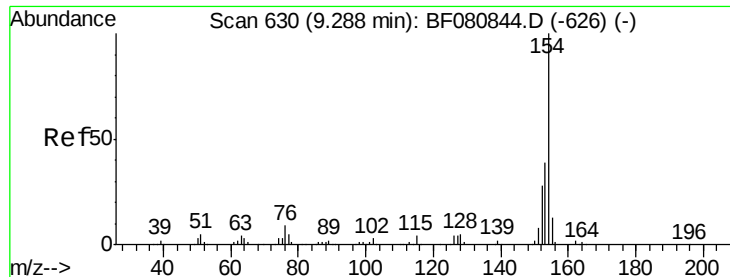


#44
 2-Fluorobiphenyl
 Concen: 66.68 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	625335		
171	35.8	28.9	43.3	
170	23.8	19.4	29.2	





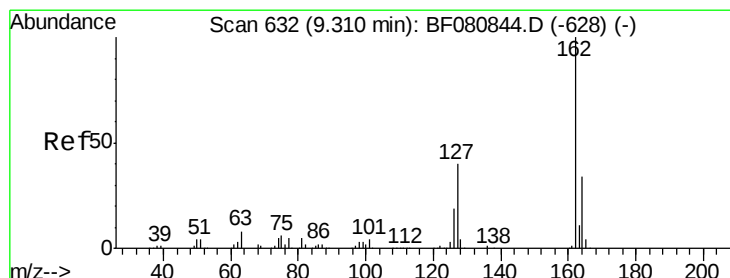
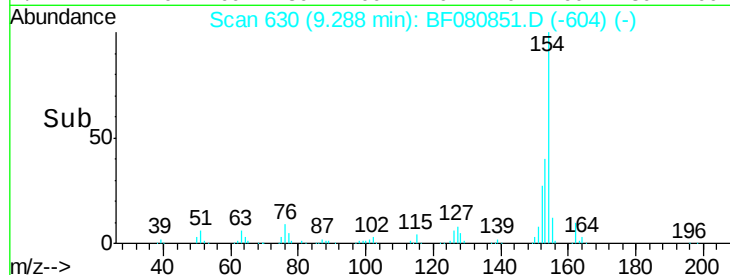
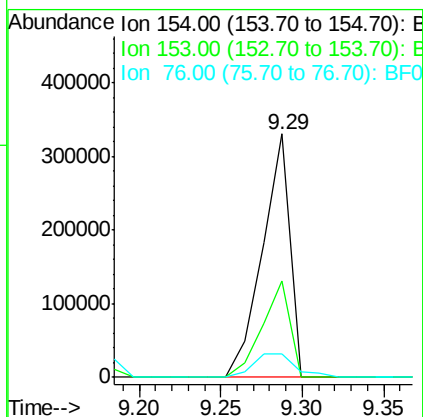
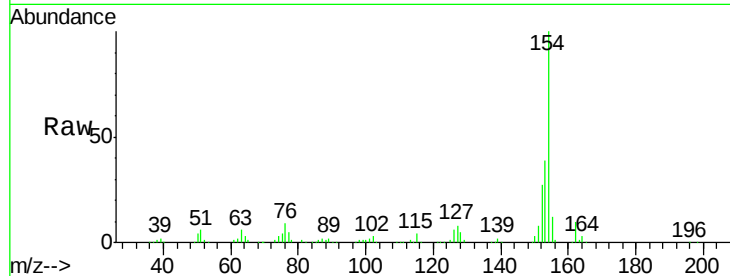
#45
 1,1'-Biphenyl
 Concen: 33.24 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.5	19.2	59.2	
76	9.5	0.0	29.3	

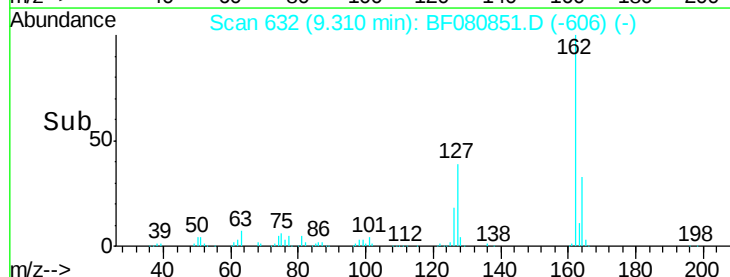
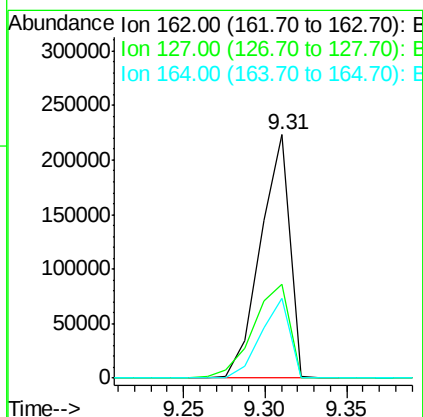
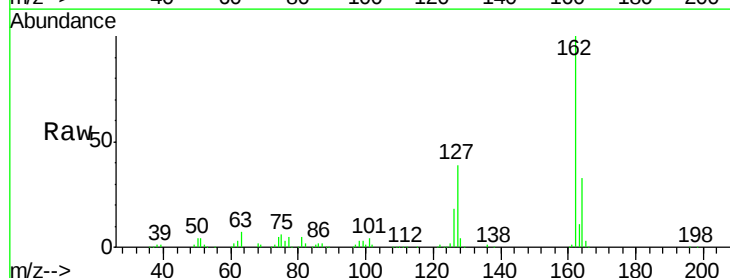
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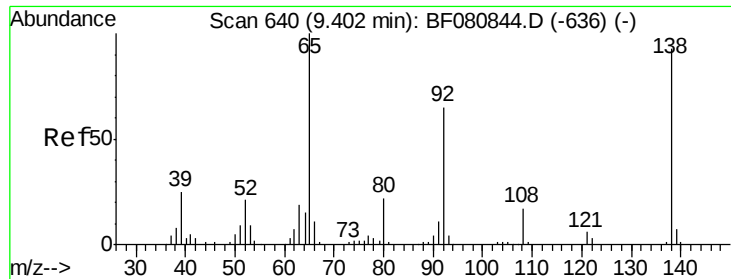
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 8/5/2015 7:00:55 PM



#46
 2-Chloronaphthalene
 Concen: 30.64 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	31.9	47.9	
164	32.8	26.8	40.2	





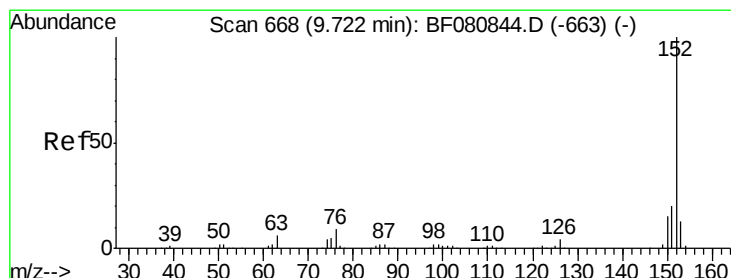
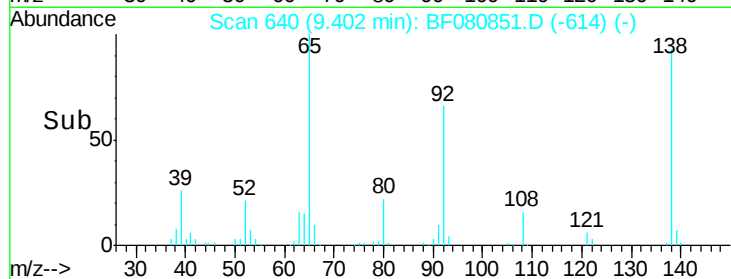
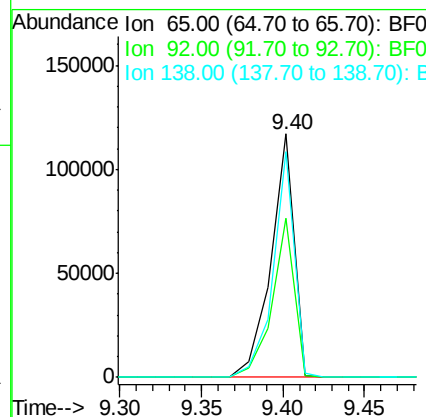
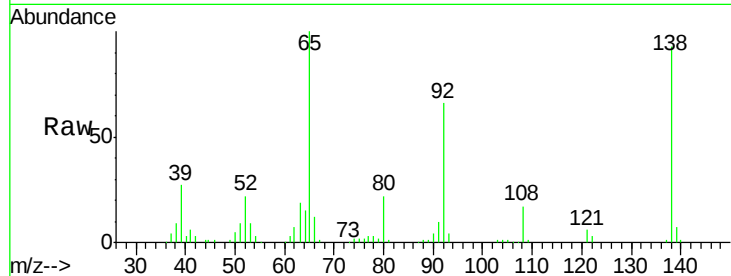
#47
2-Nitroaniline
Concen: 35.23 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	116122		
92	65.5	51.7	77.5	
138	92.9	74.2	111.2	

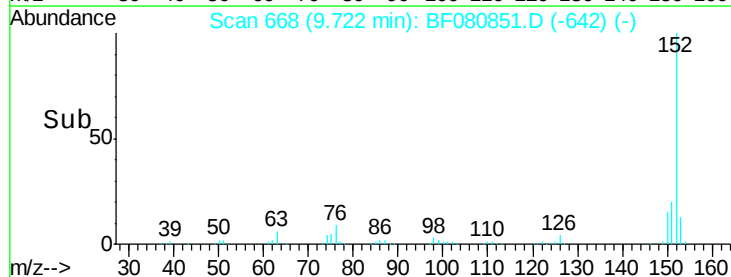
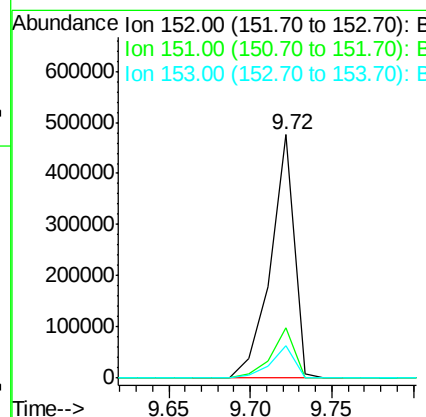
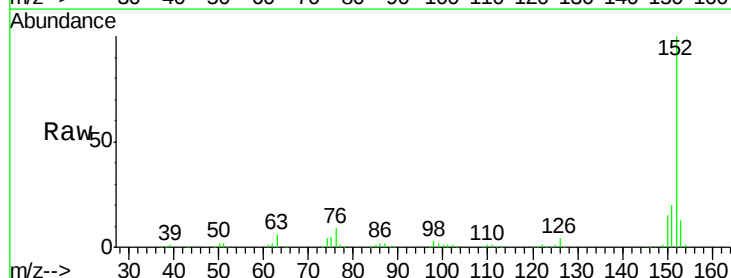
Manual Integrations
APPROVED

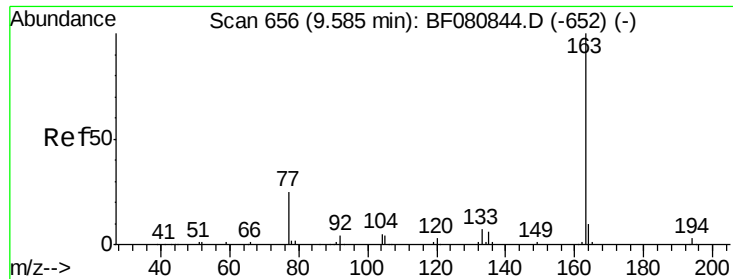
MMDadoda
8/5/2015 7:00:55 PM



#48
Acenaphthylene
Concen: 32.40 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	482753		
151	20.5	16.2	24.4	
153	13.2	10.6	15.8	





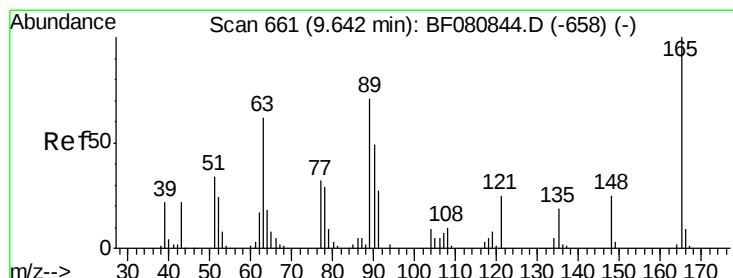
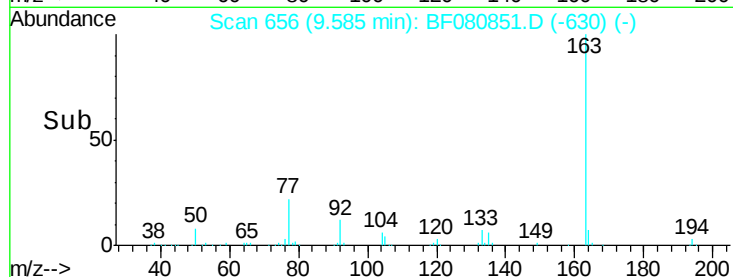
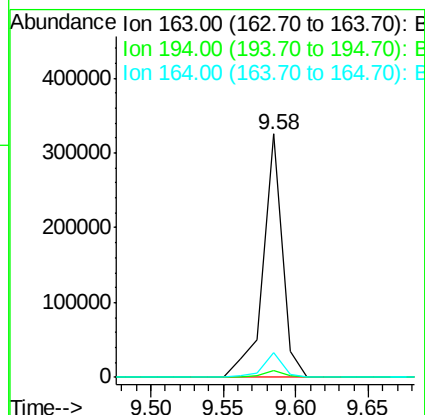
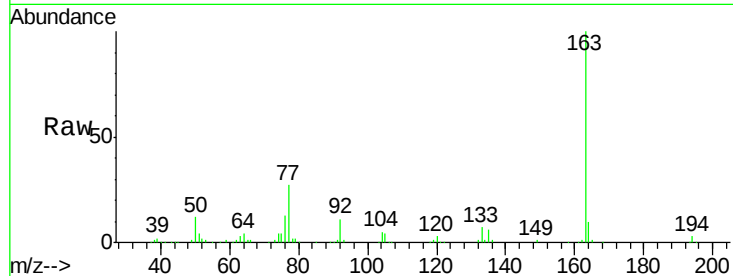
#49
Dimethylphthalate
Concen: 32.50 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.2	12.4

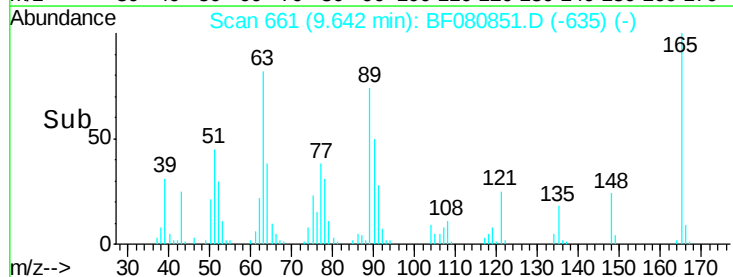
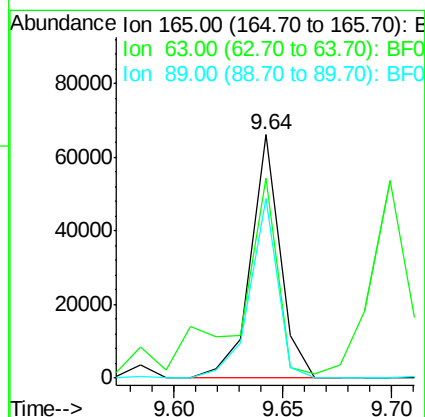
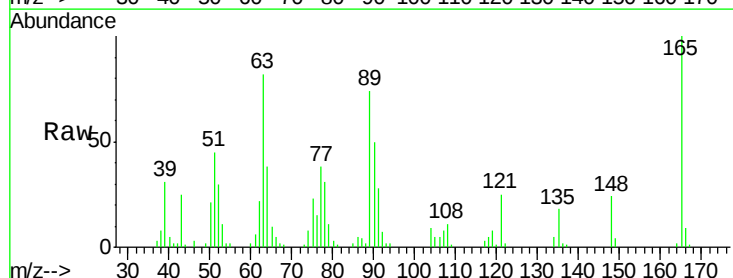
Manual Integrations
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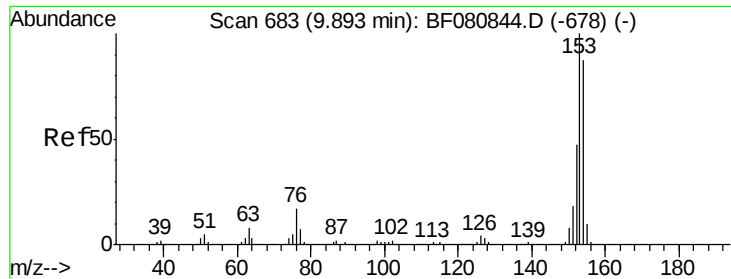
MMDadoda
8/5/2015 7:00:55 PM



#50
2,6-Dinitrotoluene
Concen: 32.31 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	82.2	65.0	97.6
89	73.8	56.6	85.0





#51

Acenaphthene

Concen: 36.94 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080851.D

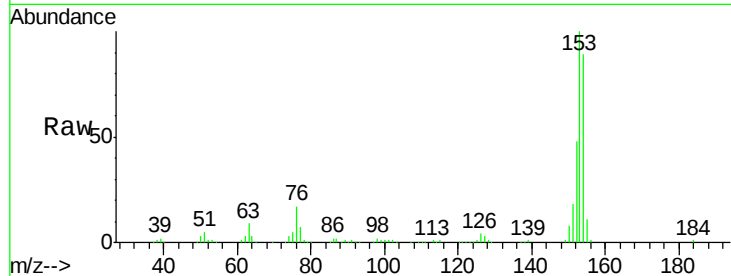
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

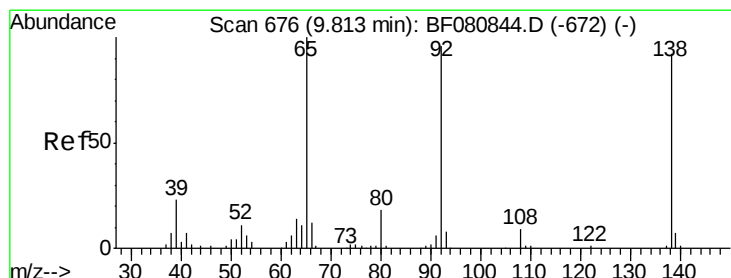
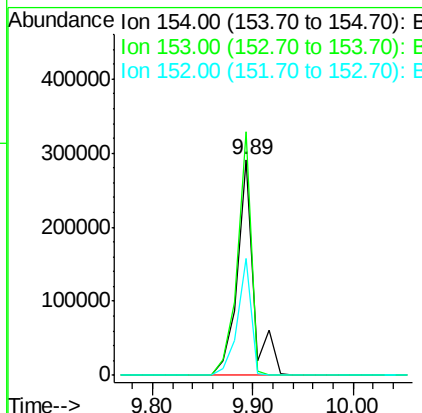
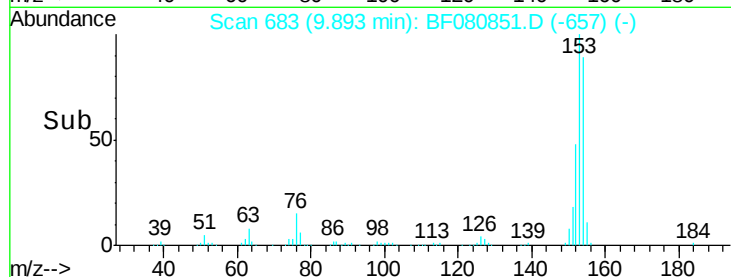
PB84692BS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.8	137.6
152	54.2	43.2	64.8

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#52

3-Nitroaniline

Concen: 20.14 ng

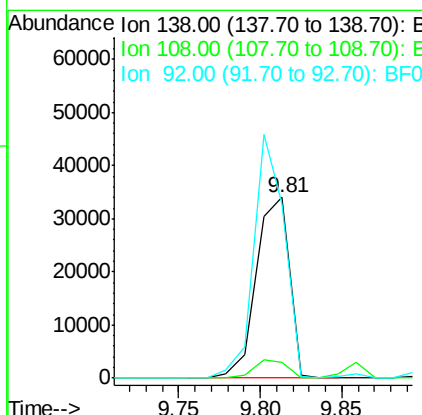
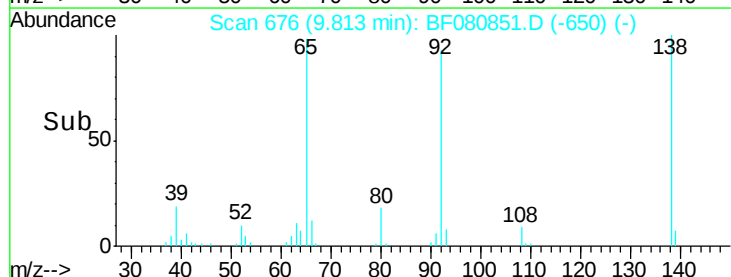
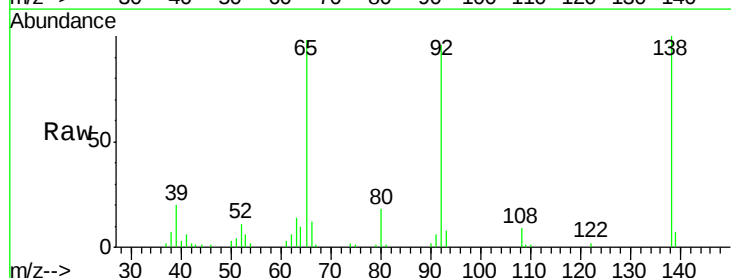
RT: 9.81 min Scan# 676

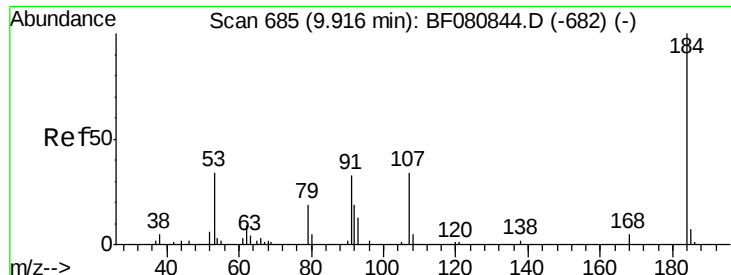
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

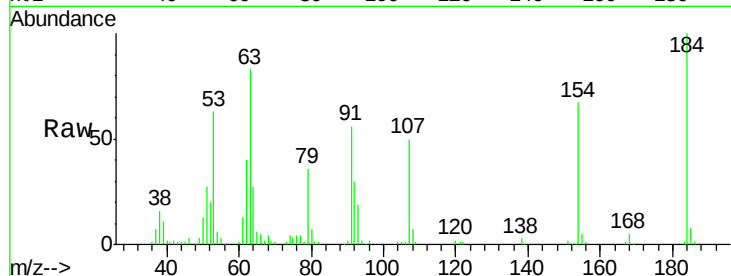
Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.5	7.9	11.9
92	96.5	83.7	125.5





#53
 2,4-Dinitrophenol
 Concen: 63.34 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

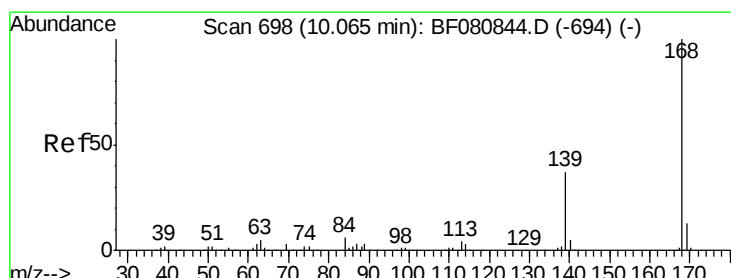
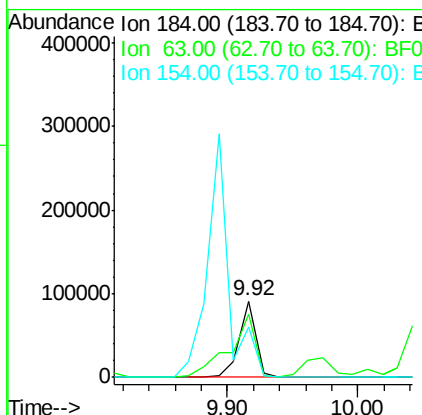
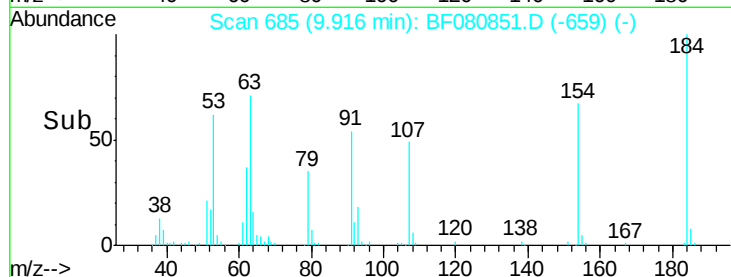
Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	81151		
63	83.3	33.8	50.6#	
154	66.5	44.2	66.2#	

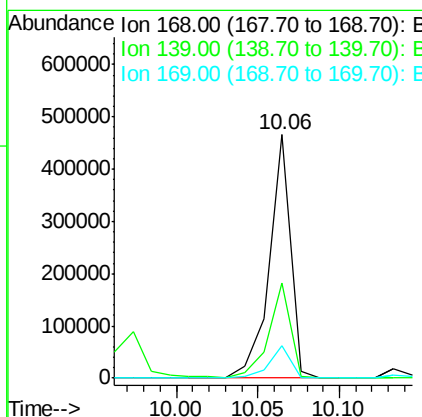
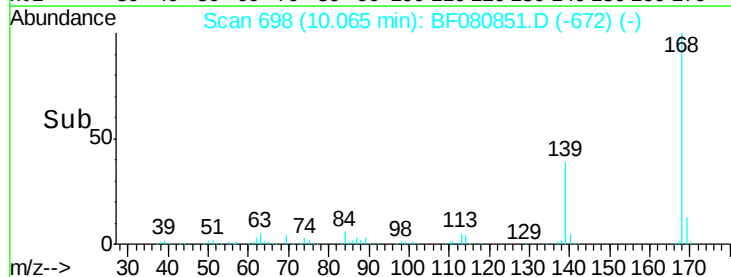
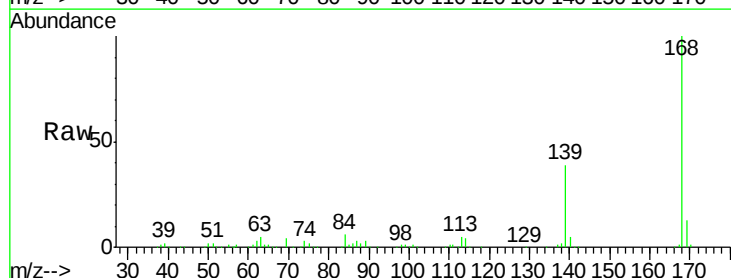
Manual Integrations
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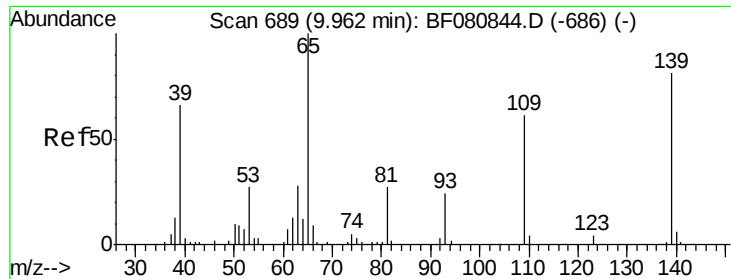
MMDadoda
 8/5/2015 7:00:55 PM



#54
 Dibenzofuran
 Concen: 35.32 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	421885		
139	39.0	30.0	45.0	
169	13.2	10.6	16.0	





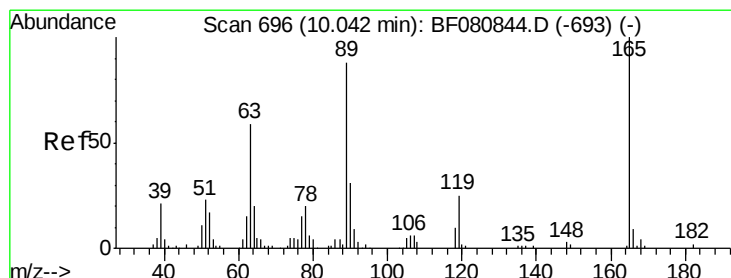
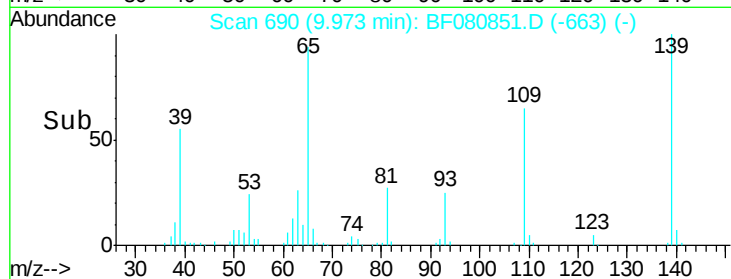
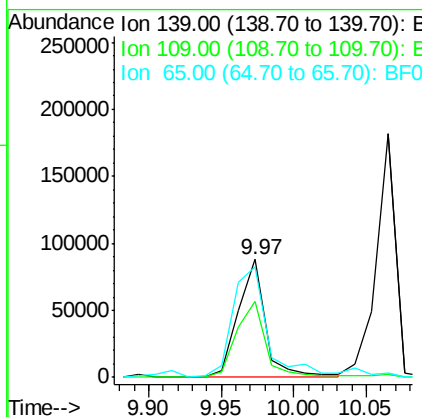
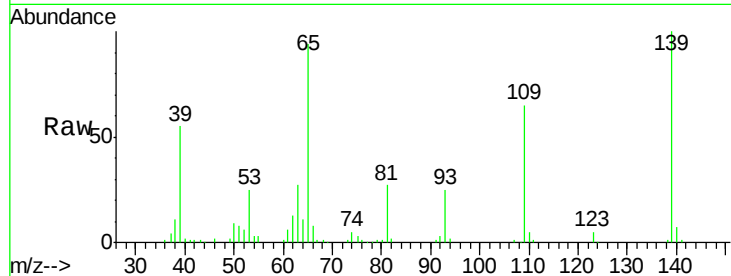
#55
4-Nitrophenol
Concen: 69.60 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116489		
109	64.6	54.4	94.4	
65	93.6	103.0	143.0	

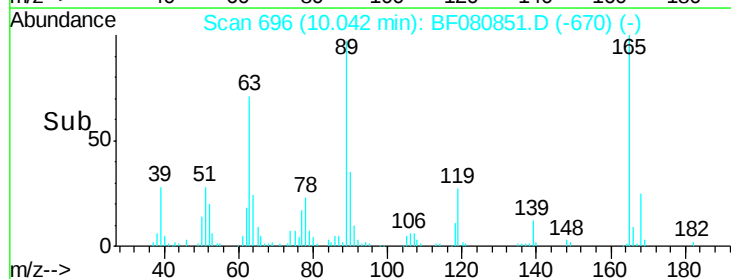
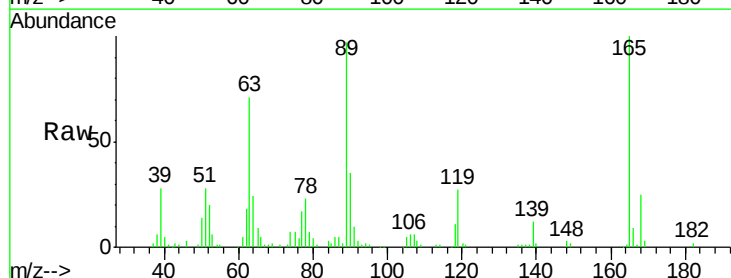
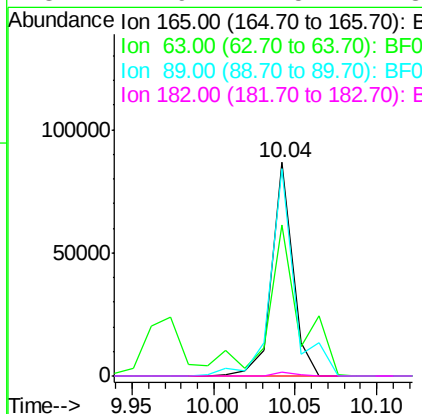
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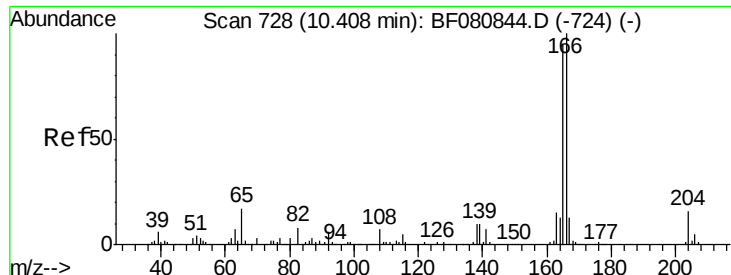
MMDadoda
8/5/2015 7:00:55 PM



#56
2,4-Dinitrotoluene
Concen: 32.00 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	77814		
63	70.6	47.2	70.8	
89	97.2	70.2	105.2	
182	1.9	1.5	2.3	





#57

Fluorene

Concen: 33.27 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080851.D

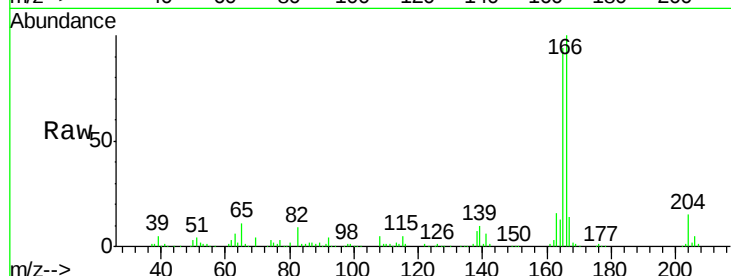
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

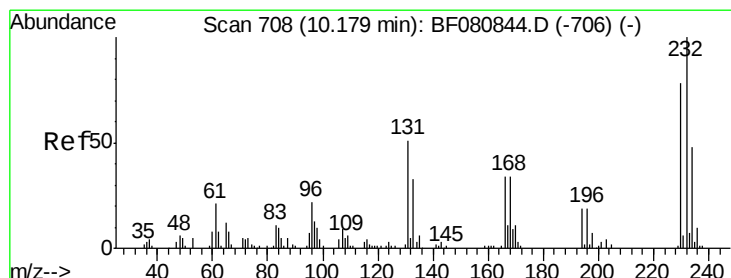
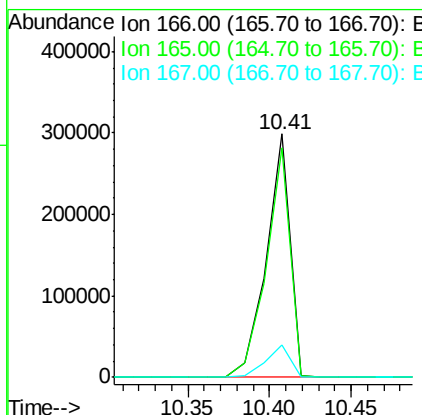
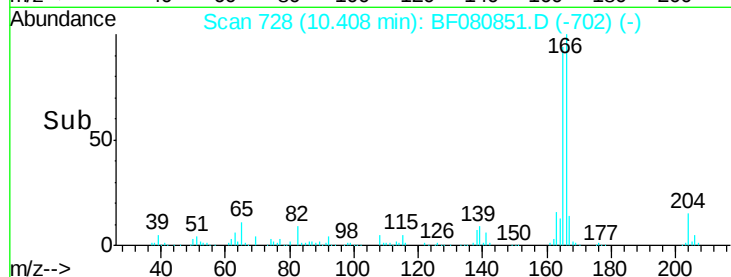
PB84692BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	303489		
165	94.0	76.2	114.2	
167	13.5	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.94 ng

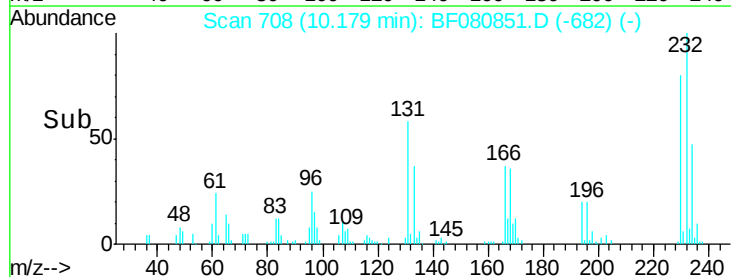
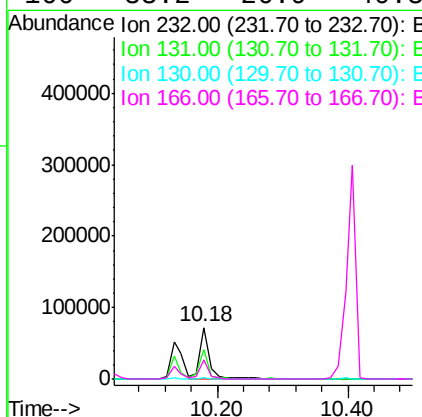
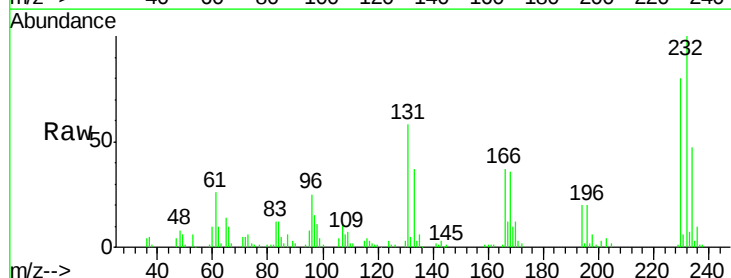
RT: 10.18 min Scan# 708

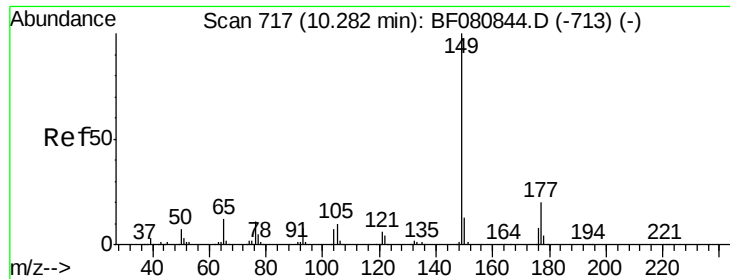
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	75566		
131	53.1	43.7	65.5	
130	2.2	1.9	2.9	
166	33.2	26.9	40.3	





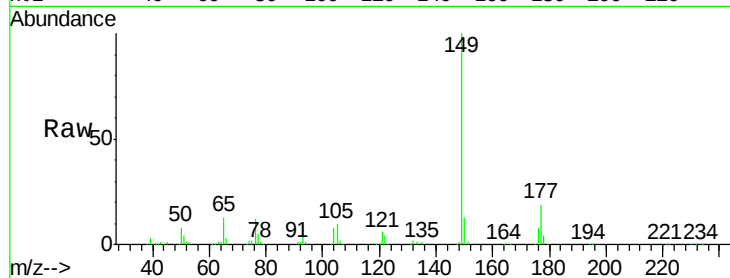
#59
Diethylphthalate
Concen: 33.16 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

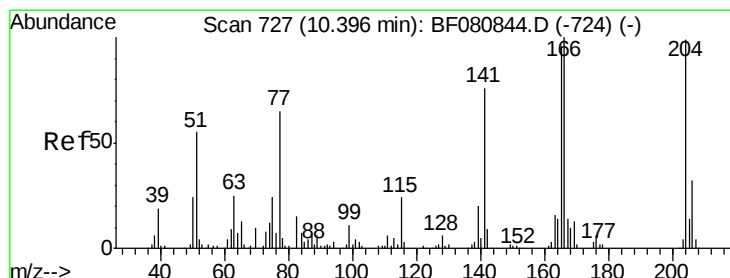
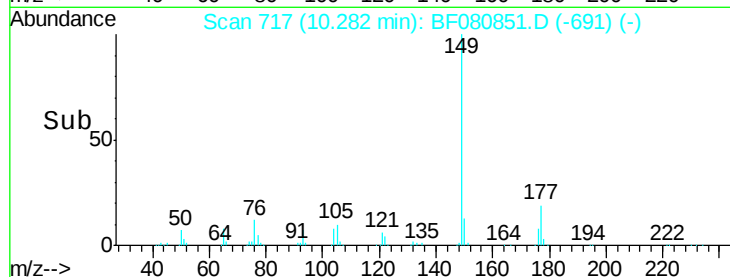
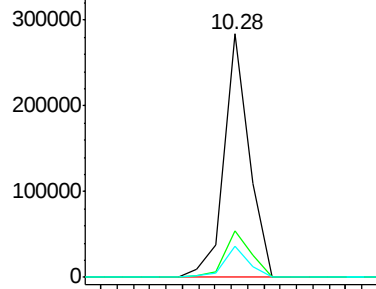
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	302387		
177	19.1	15.8	23.8	
150	12.7	10.2	15.2	

Manual Integrations
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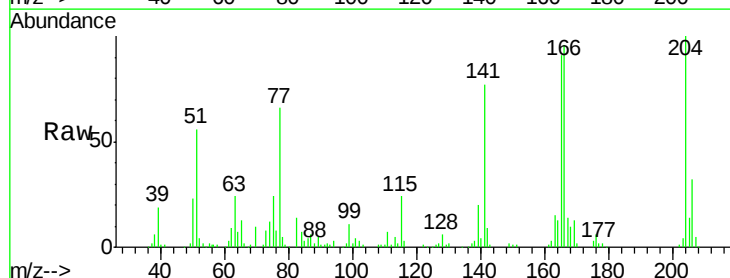


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

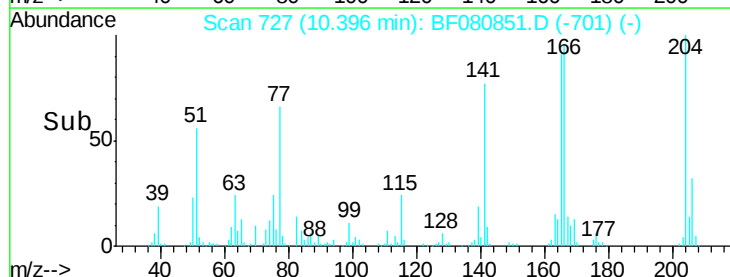
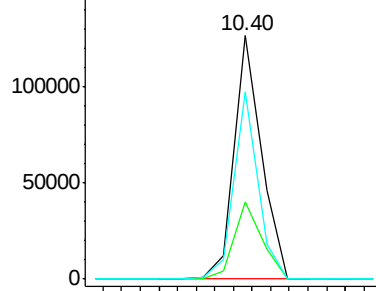


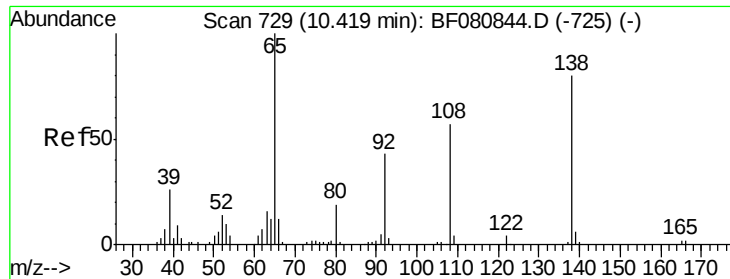
#60
4-Chlorophenyl-phenylether
Concen: 33.71 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	127617		
206	32.0	25.8	38.8	
141	76.8	61.4	92.2	



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





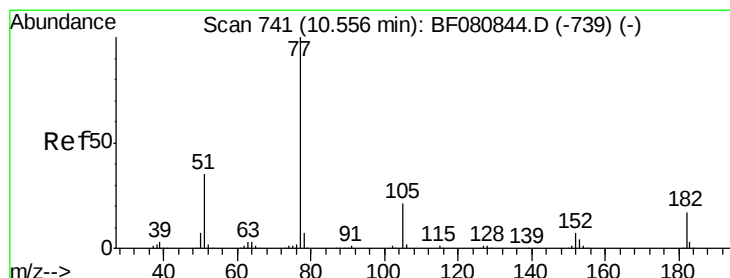
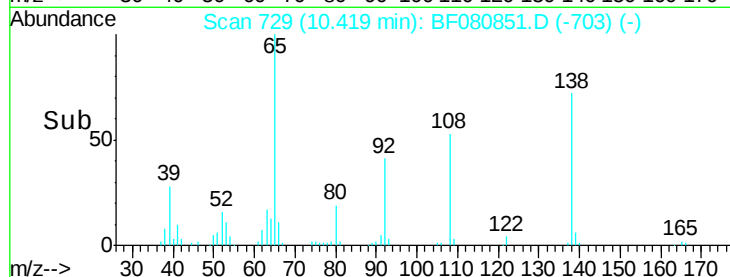
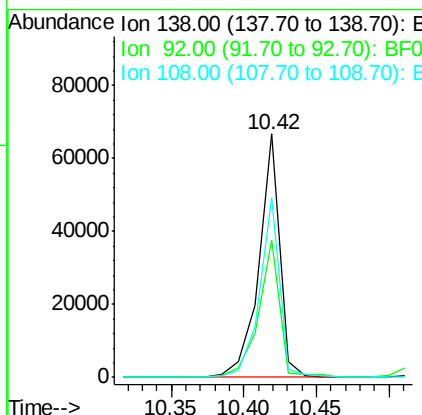
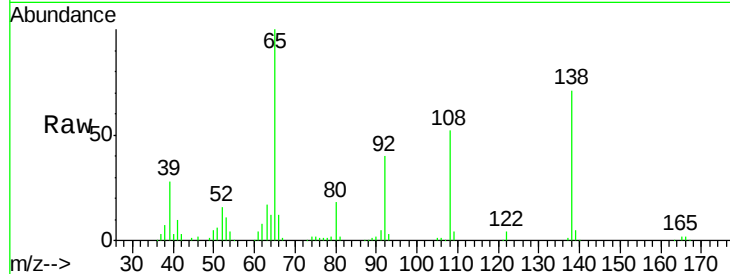
#61
4-Nitroaniline
Concen: 31.16 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	66173		
92	56.5	33.5	73.5	
108	73.5	52.3	92.3	

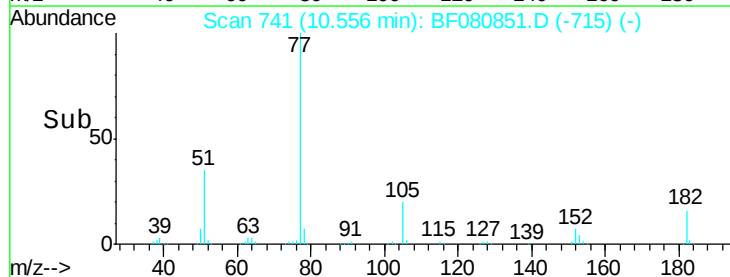
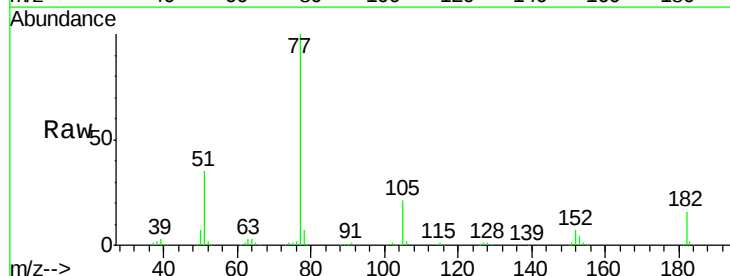
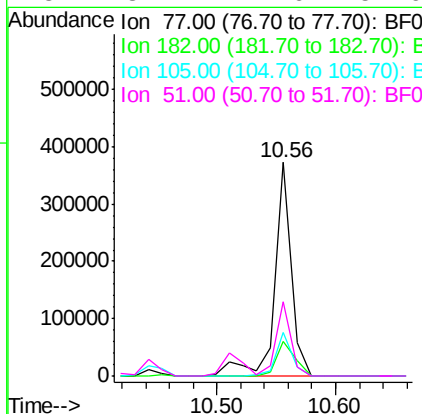
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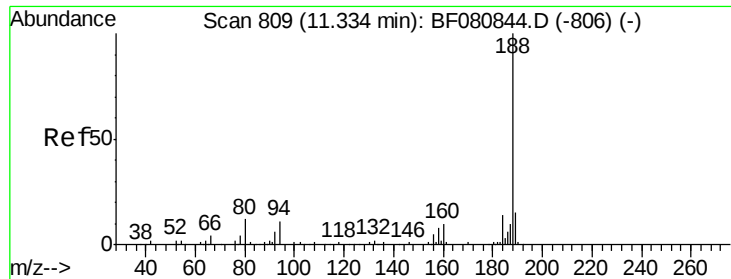
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#62
Azobenzene
Concen: 34.42 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	367068		
182	15.9	0.0	37.0	
105	20.6	1.3	41.3	
51	34.7	14.6	54.6	





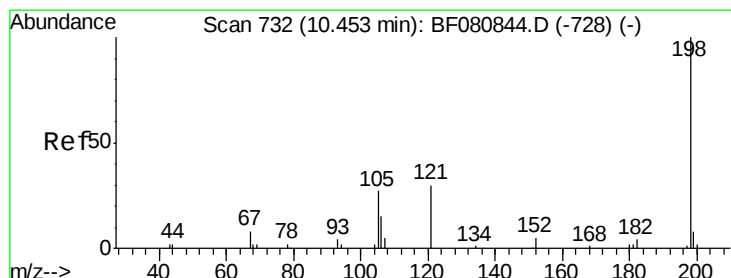
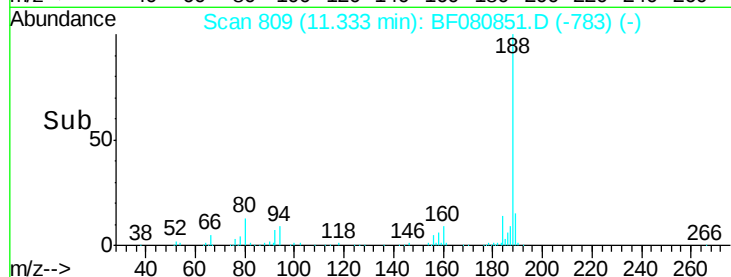
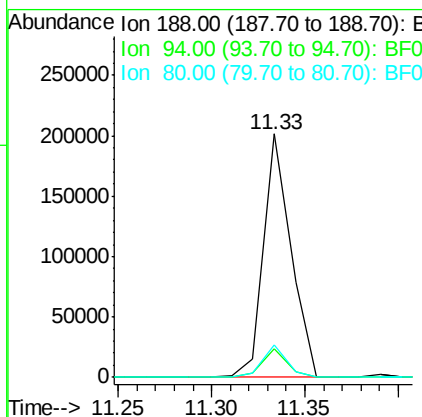
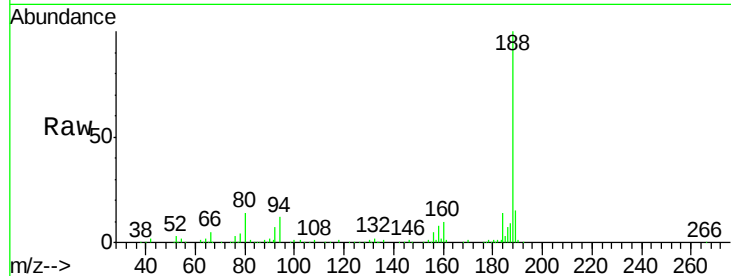
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	204258		
94	11.7	8.6	12.8	
80	13.6	9.3	13.9	

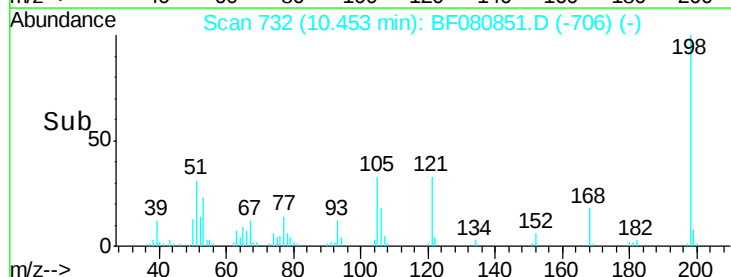
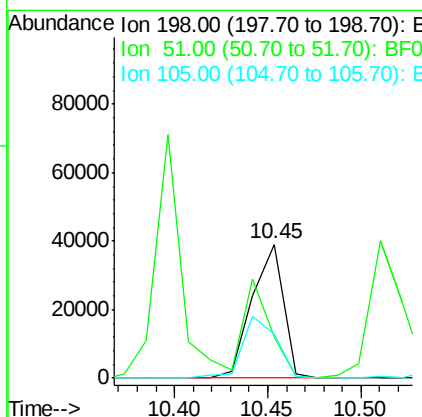
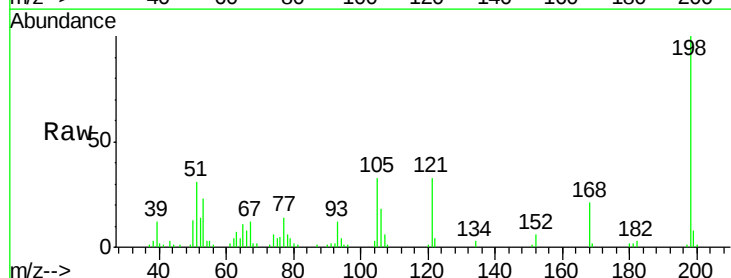
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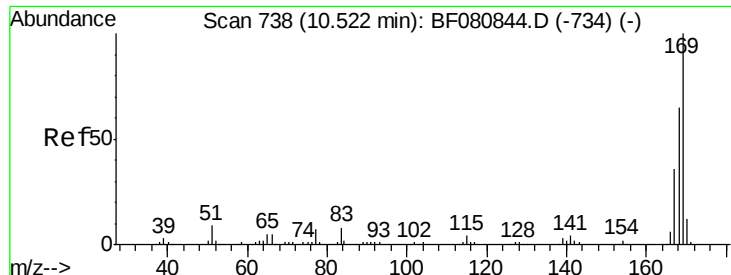
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8/5/2015 7:00:55 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.64 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

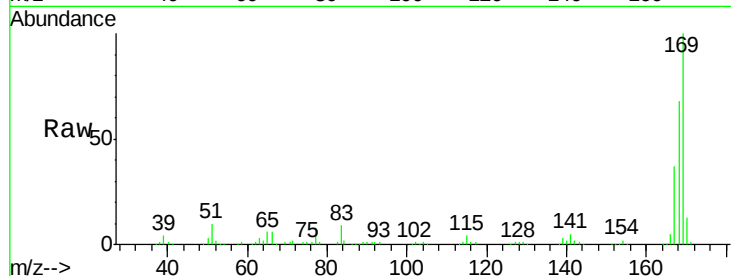
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	45521		
51	30.9	4.7	44.7	
105	33.0	8.5	48.5	





#65
 n-Nitrosodiphenylamine
 Concen: 32.65 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

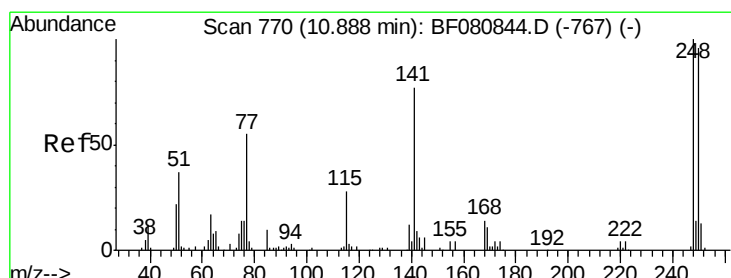
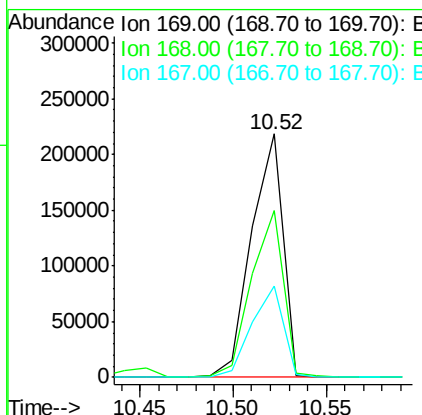
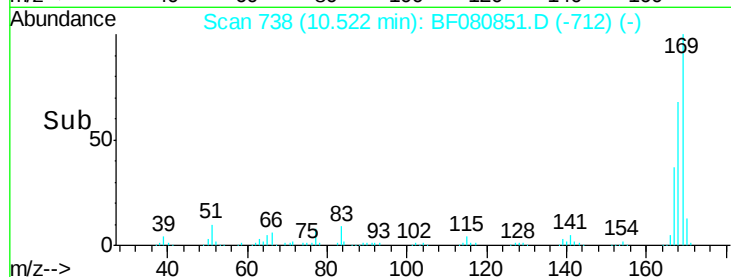
Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS



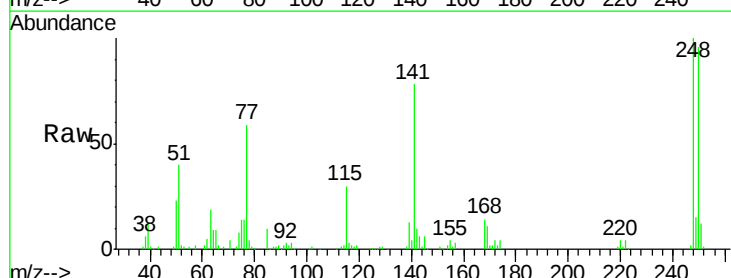
Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	68.3	52.2	78.4
167	37.3	29.2	43.8

Manual Integrations
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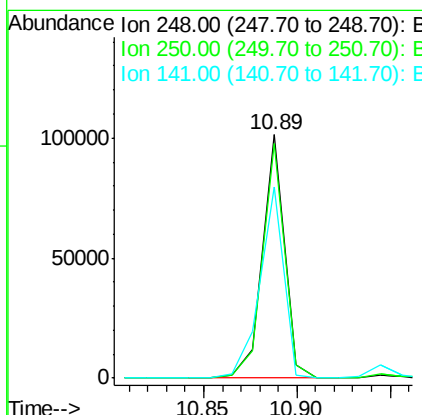
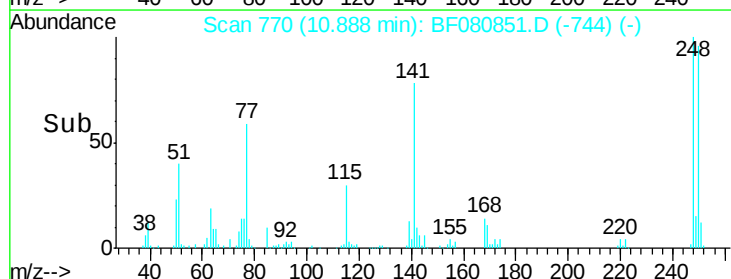
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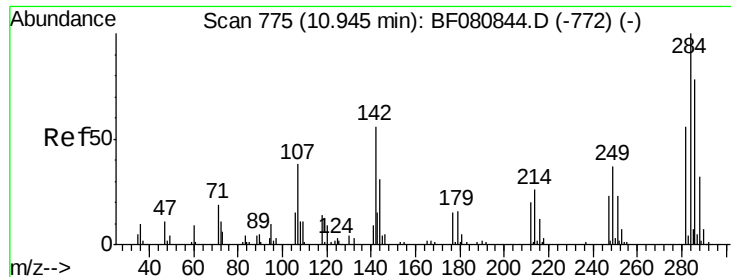


#66
 4-Bromophenyl-phenylether
 Concen: 36.47 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52



Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.4	77.2	115.8
141	78.4	61.4	92.0





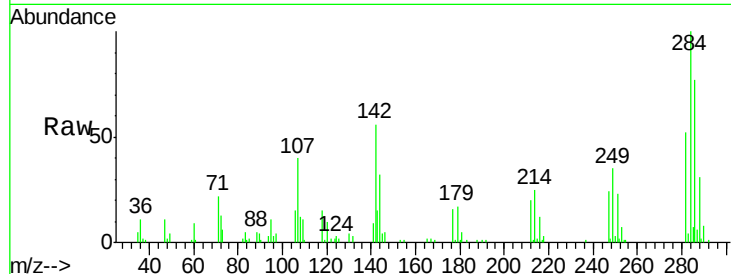
#67
Hexachlorobenzene
Concen: 32.86 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

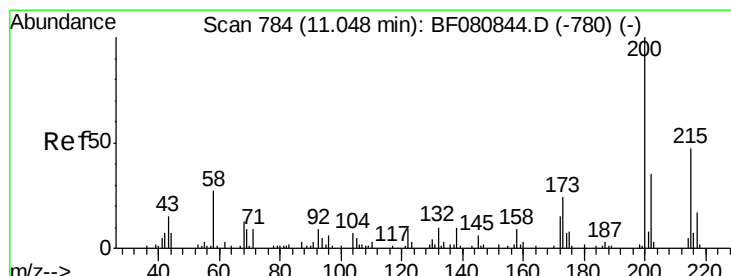
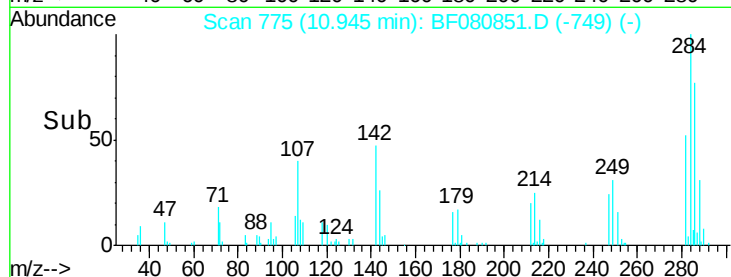
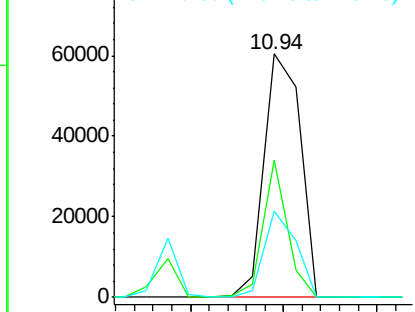
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	81143		
142	56.4	44.4	66.6	
249	35.3	29.3	43.9	

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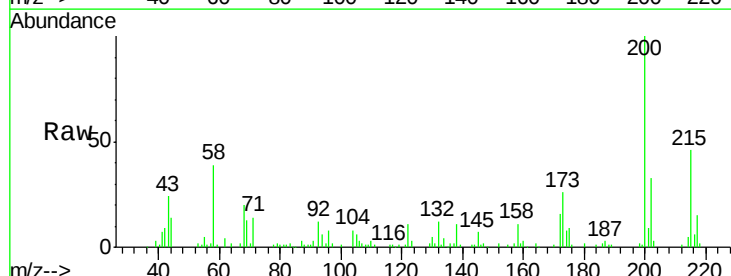


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

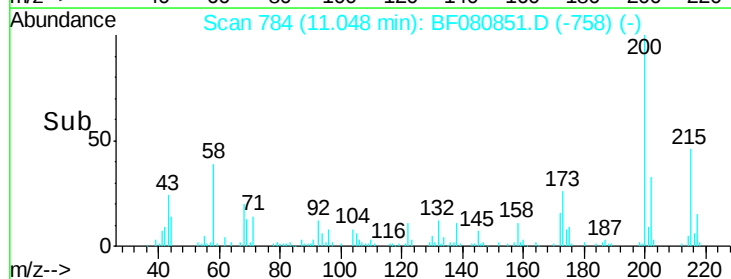
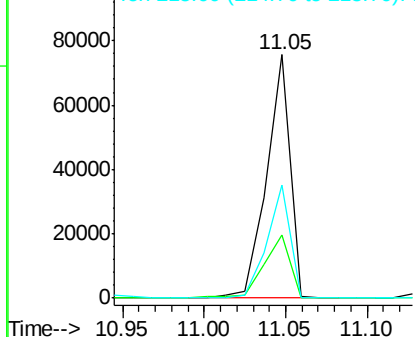


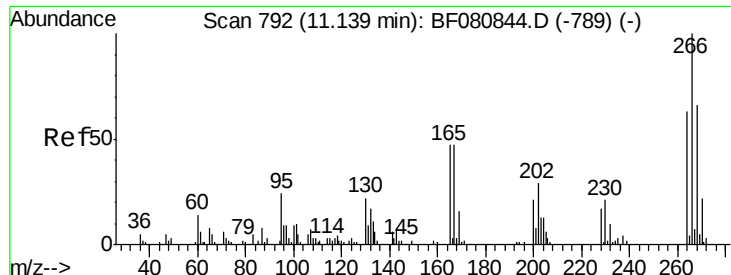
#68
Atrazine
Concen: 37.11 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	75594		
173	26.0	4.8	44.8	
215	46.2	27.1	67.1	



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





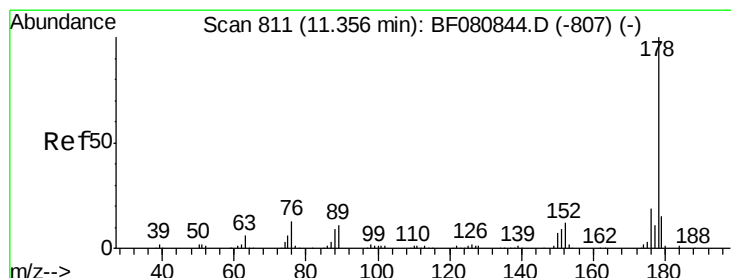
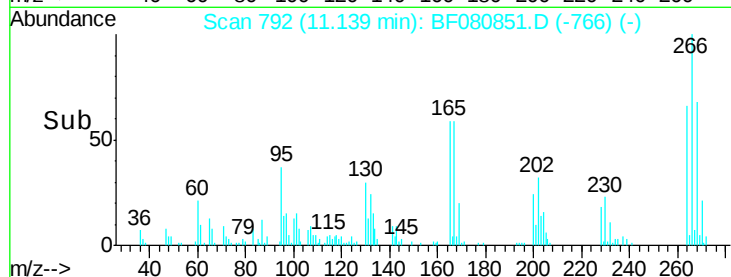
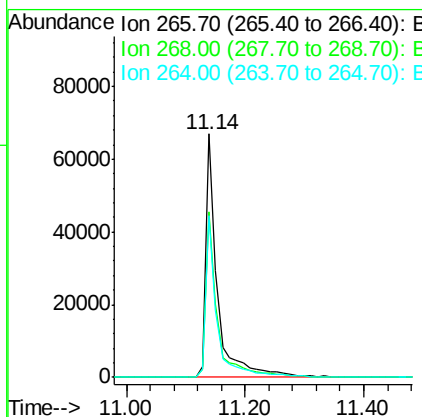
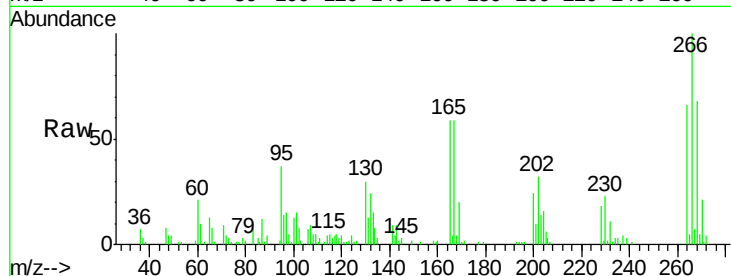
#69
 Pentachlorophenol
 Concen: 68.72 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	52.6	78.8
264	66.4	50.7	76.1

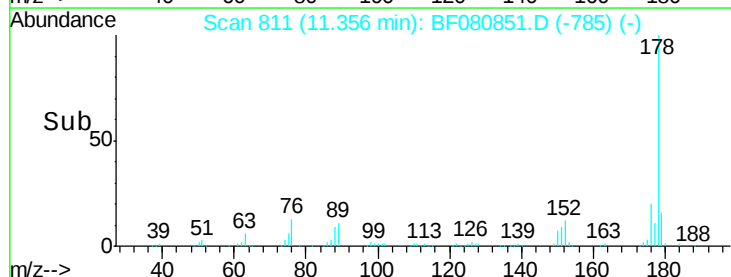
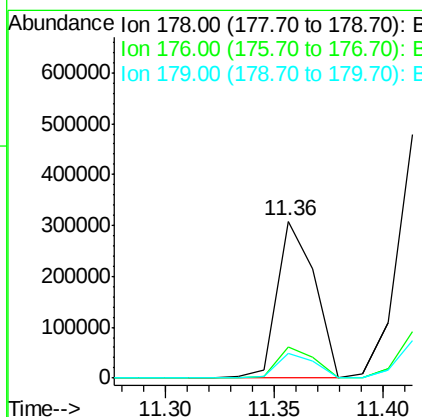
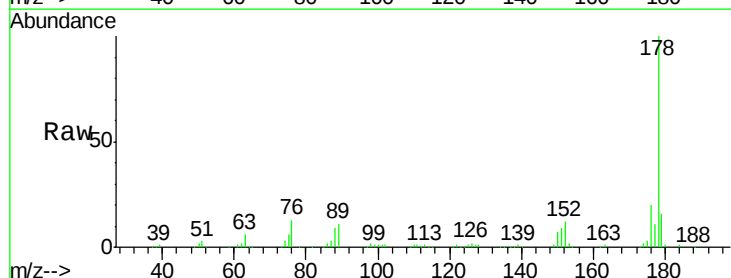
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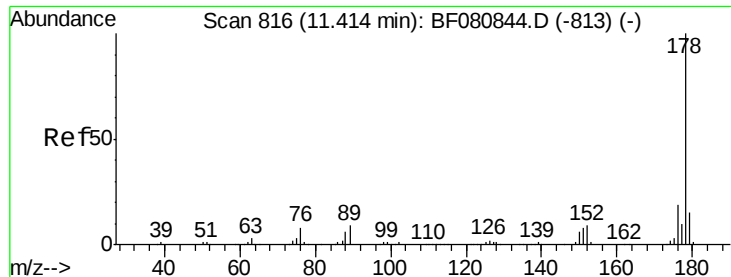
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#70
 Phenanthrene
 Concen: 31.61 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	16.1	12.3	18.5





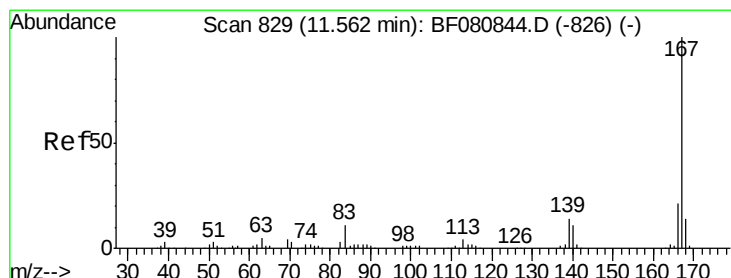
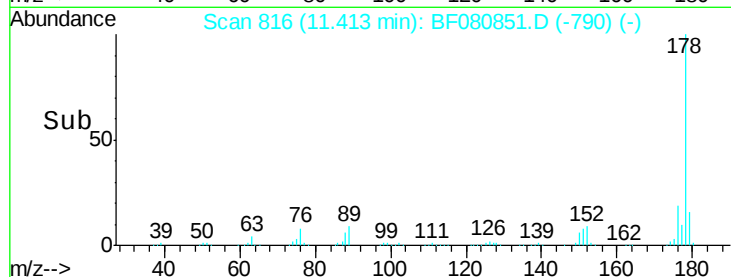
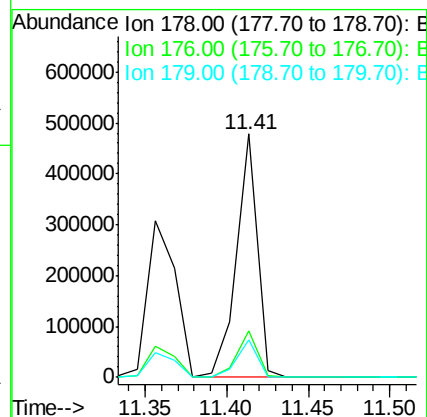
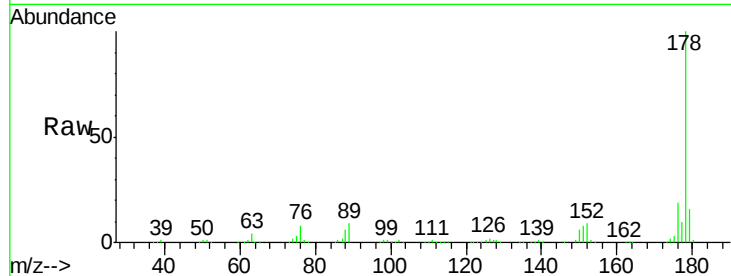
#71
 Anthracene
 Concen: 36.41 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.2	18.4

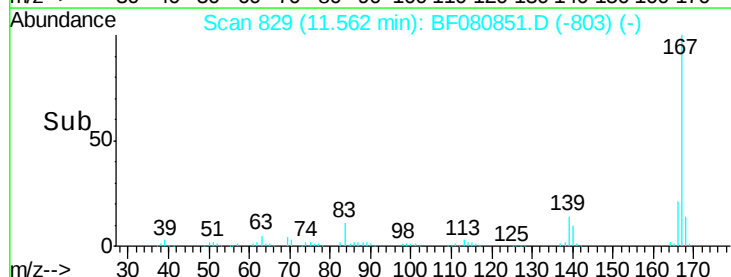
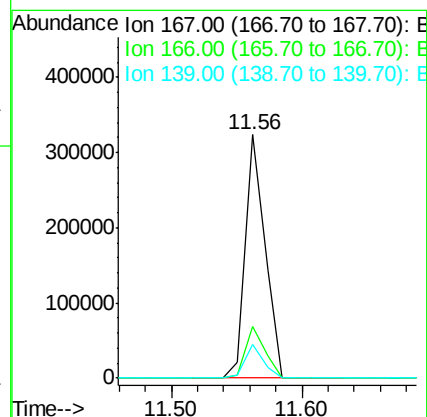
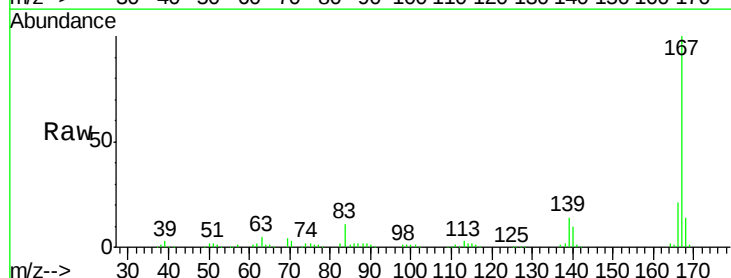
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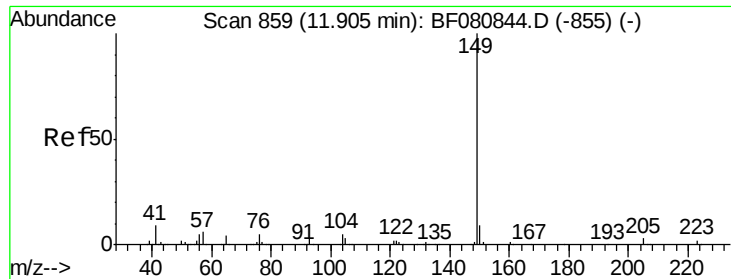
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#72
 Carbazole
 Concen: 31.19 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.6	25.0
139	13.8	11.3	16.9





#73

Di-n-butylphthalate

Concen: 36.51 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080851.D

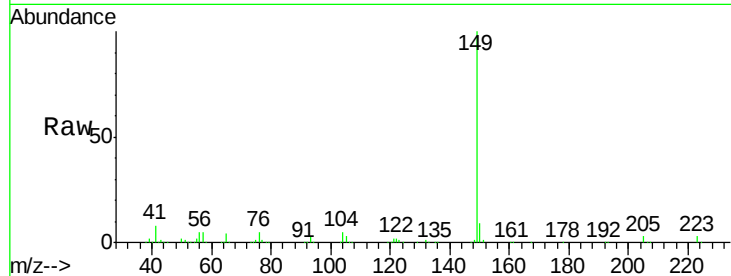
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

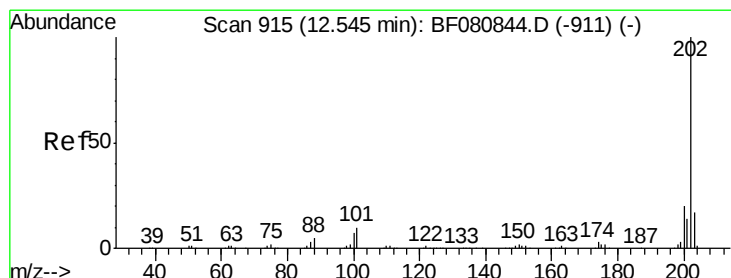
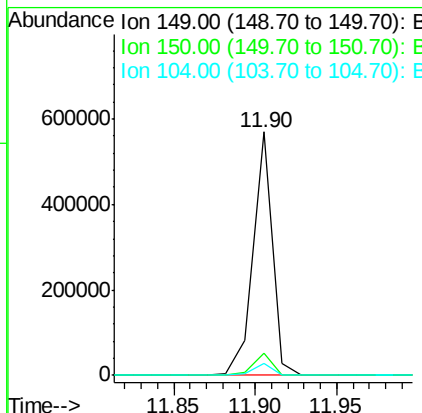
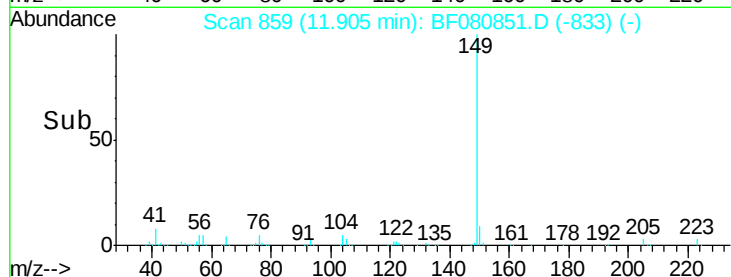
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	467619		
150	9.1	7.4	11.2	
104	4.7	3.9	5.9	

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#74

Fluoranthene

Concen: 35.08 ng

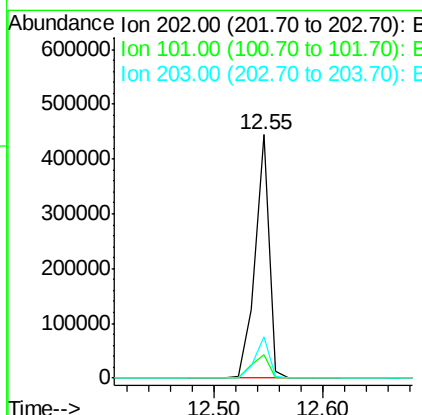
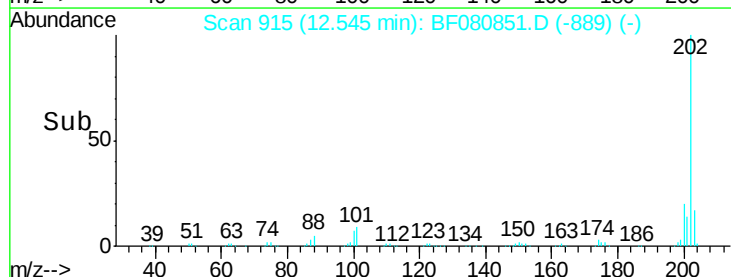
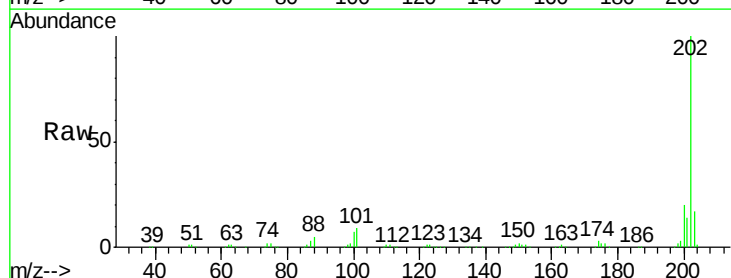
RT: 12.55 min Scan# 915

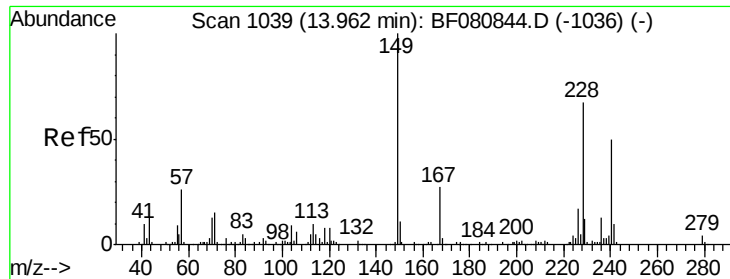
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	403190		
101	9.5	0.0	29.9	
203	17.1	0.0	37.4	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

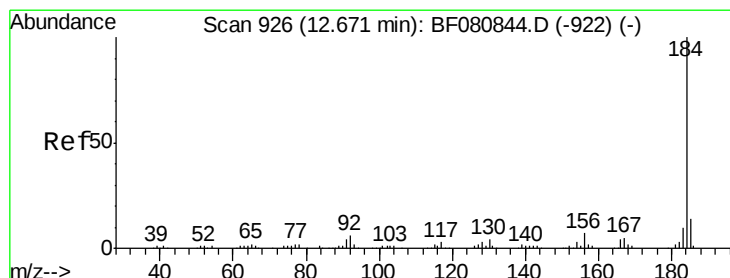
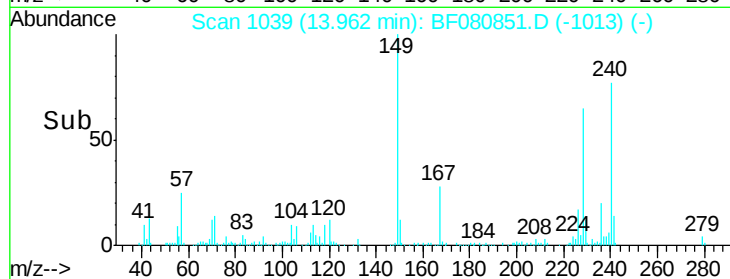
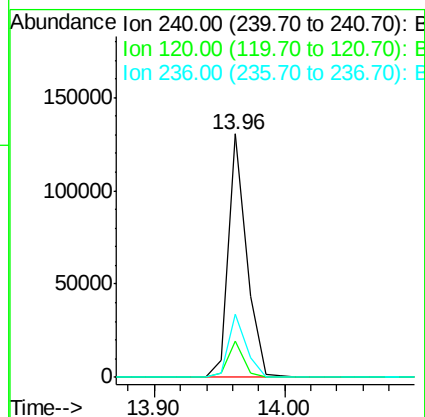
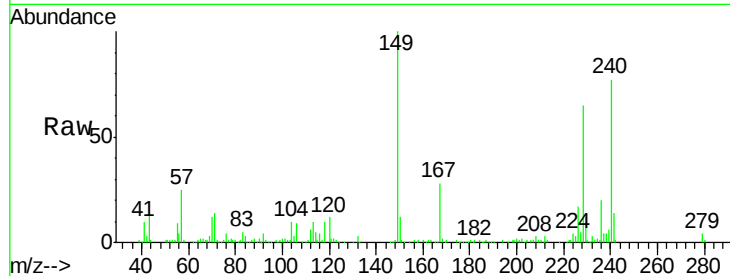
ClientSampleId :

PB84692BS

Tgt Ion:	240	Resp:	127004
Ion Ratio	Lower	Upper	
240	100		
120	15.1	13.0	19.6
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 22.50 ng

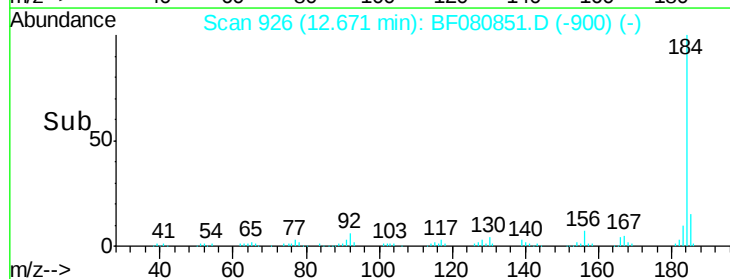
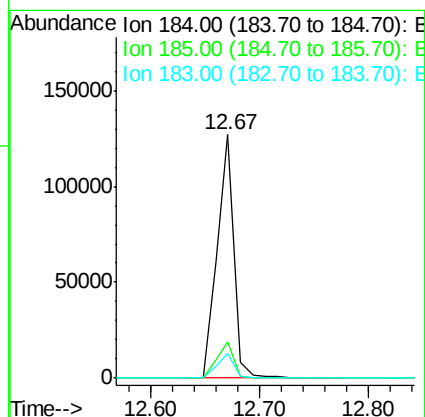
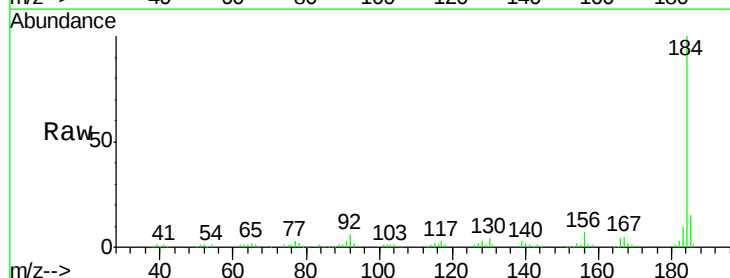
RT: 12.67 min Scan# 926

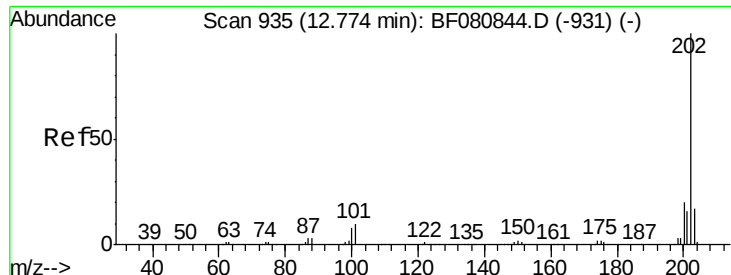
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:	184	Resp:	138297
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.4	17.2
183	10.4	8.4	12.6





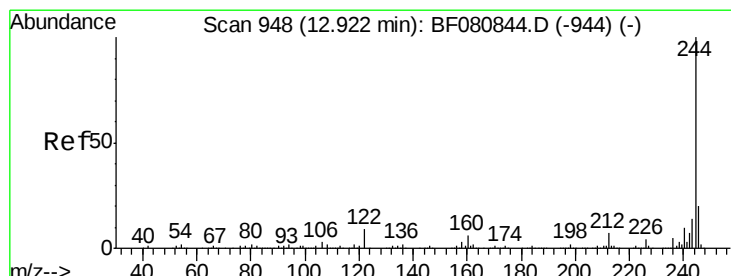
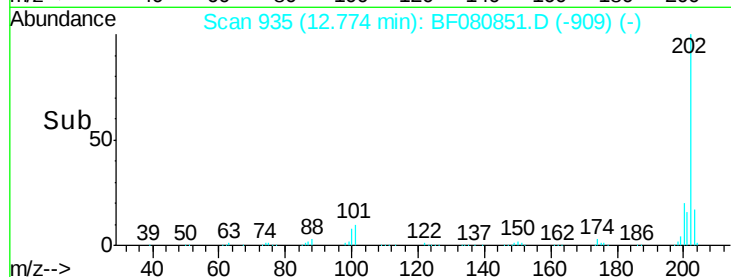
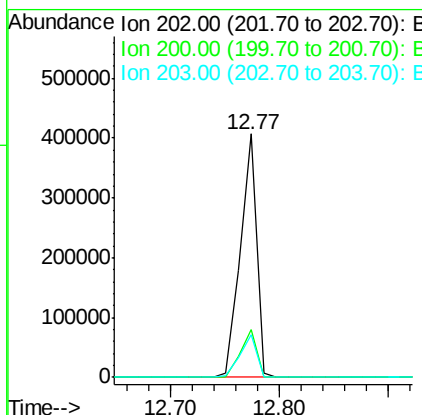
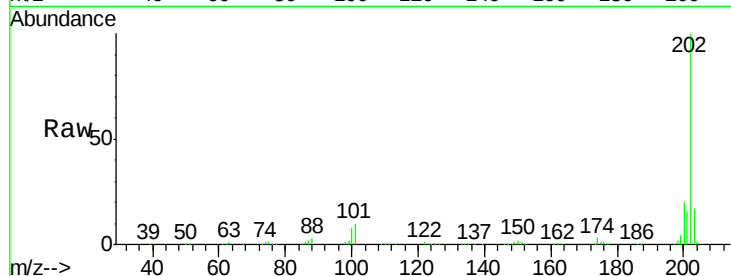
#77
 Pyrene
 Concen: 36.26 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleID :
 PB84692BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.9	16.1	24.1
203	17.3	13.6	20.4

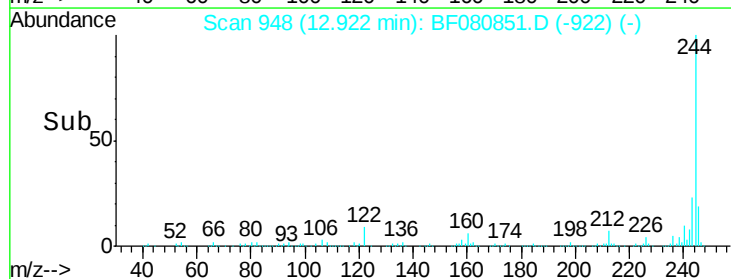
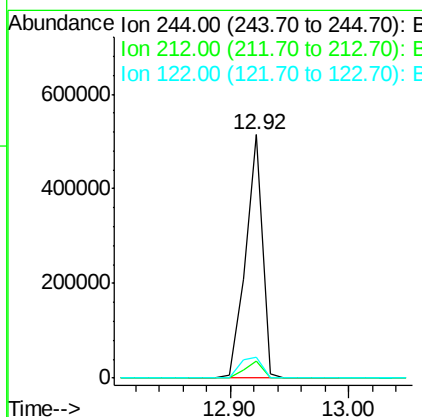
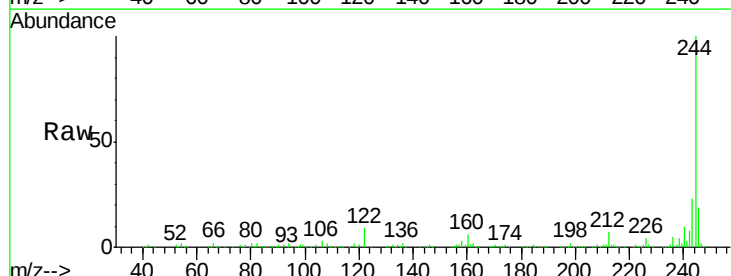
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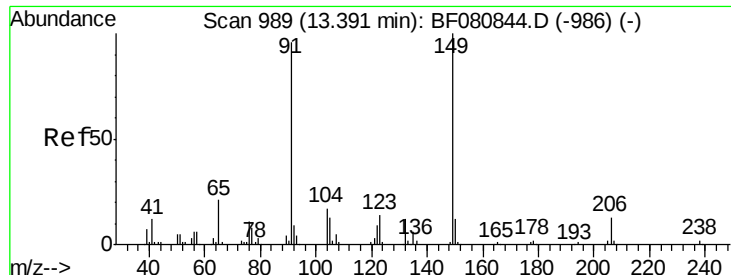
MMDadoda
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#78
 Terphenyl-d14
 Concen: 72.21 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.5	8.3
122	8.8	7.1	10.7





#79

Butylbenzylphthalate

Concen: 35.26 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080851.D

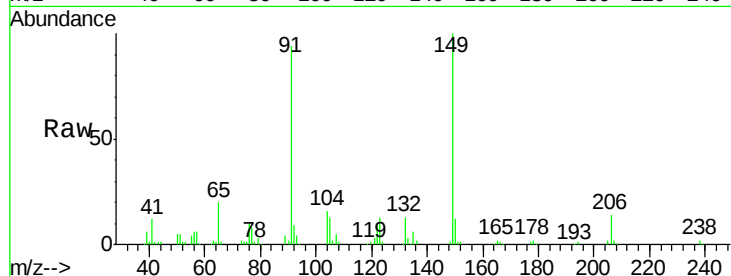
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

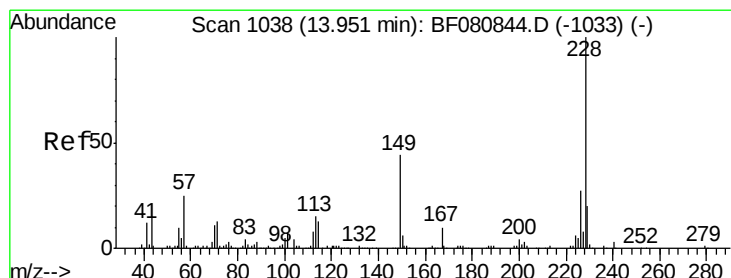
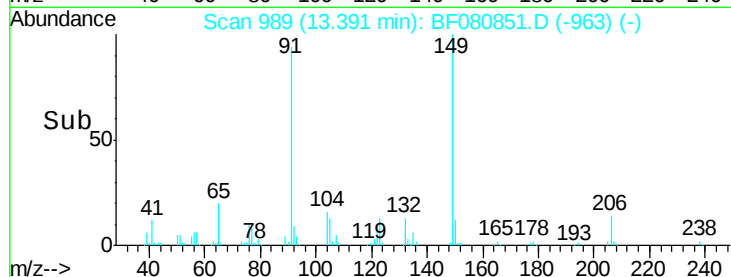
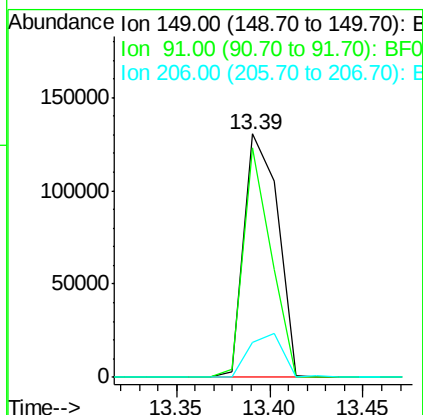
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Tgt Ion:	149	Resp:	164288
Ion Ratio	Lower	Upper	
149	100		
91	94.4	76.4	114.6
206	14.2	10.7	16.1

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#80

Benzo(a)anthracene

Concen: 32.47 ng

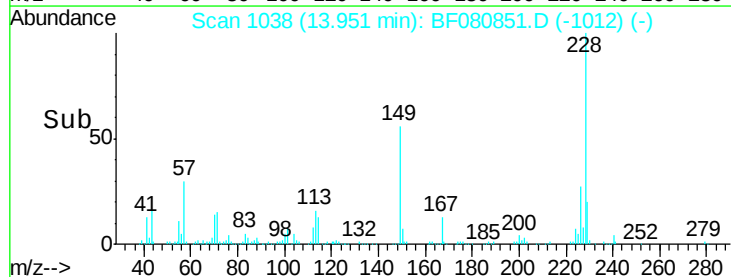
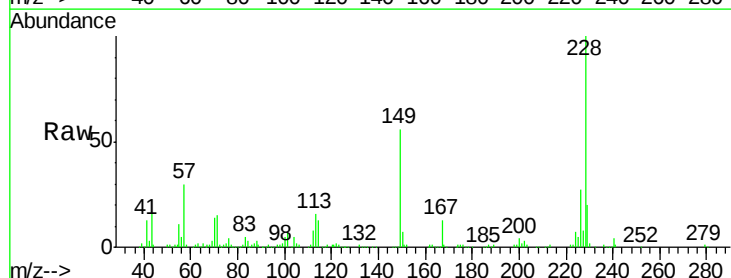
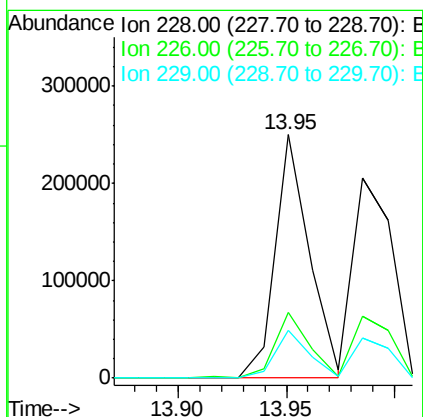
RT: 13.95 min Scan# 1038

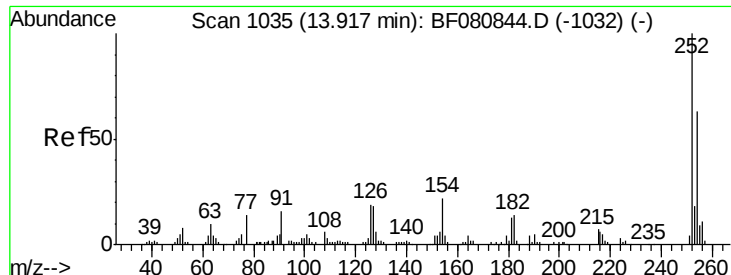
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:	228	Resp:	275847
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.5	32.3
229	19.7	16.2	24.2





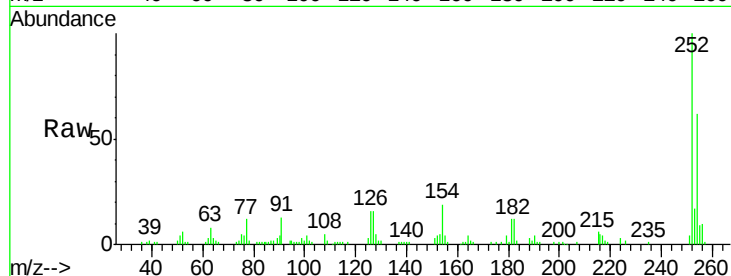
#81
 3,3'-Dichlorobenzidine
 Concen: 20.48 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

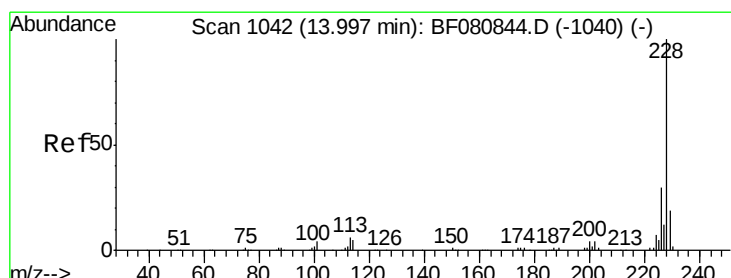
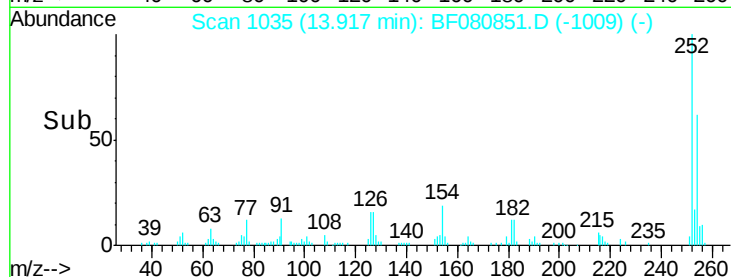
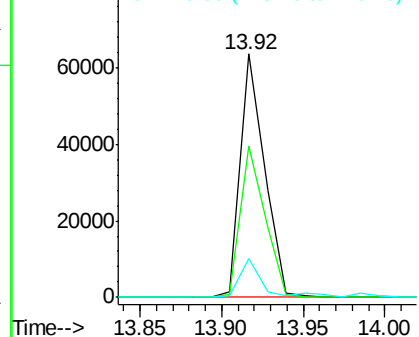
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.0	50.3	75.5
126	15.8	15.1	22.7

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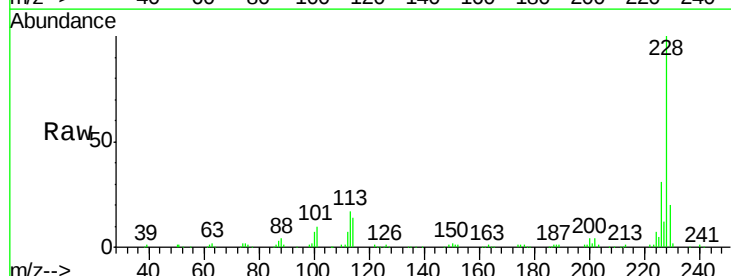


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

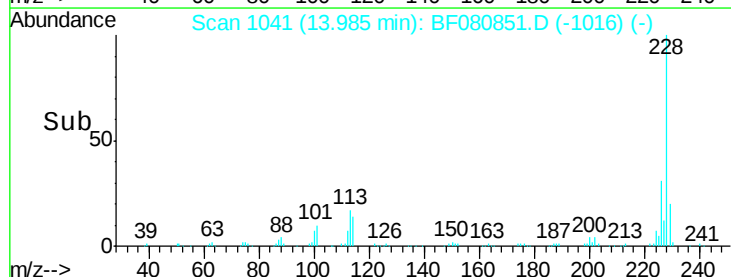
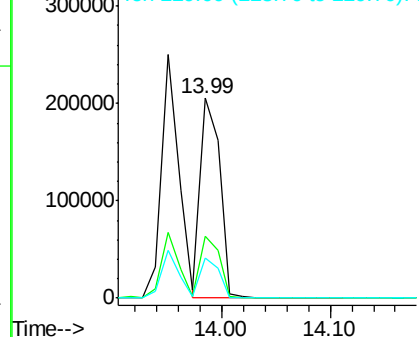


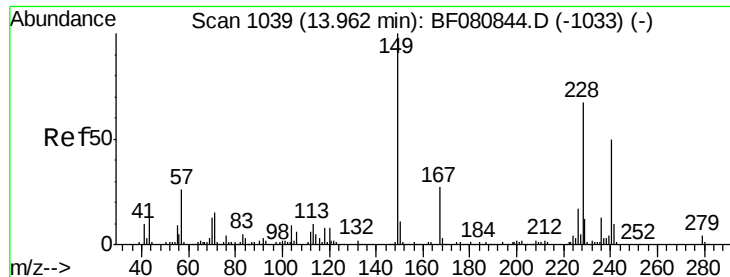
#82
 Chrysene
 Concen: 29.87 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	23.6	35.4
229	20.0	15.1	22.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.99 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080851.D

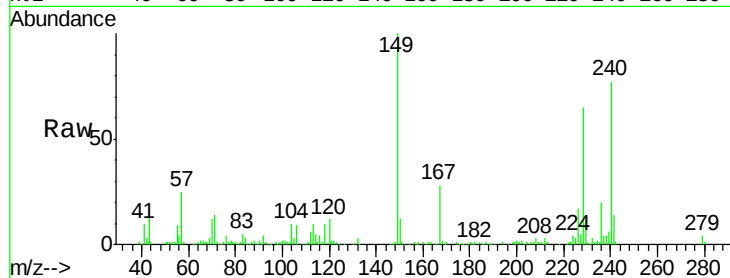
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

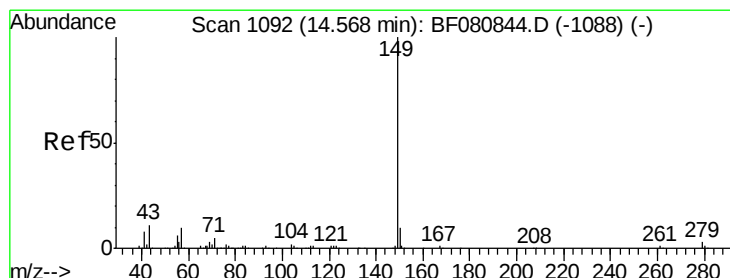
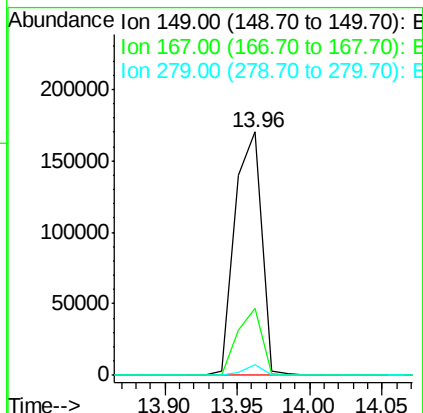
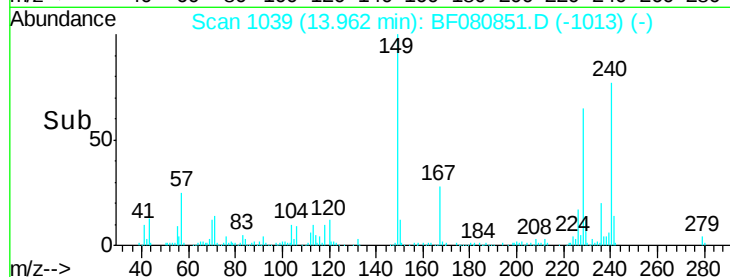
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Tgt Ion:	149	Resp:	217729
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.8	32.8
279	4.1	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 34.81 ng

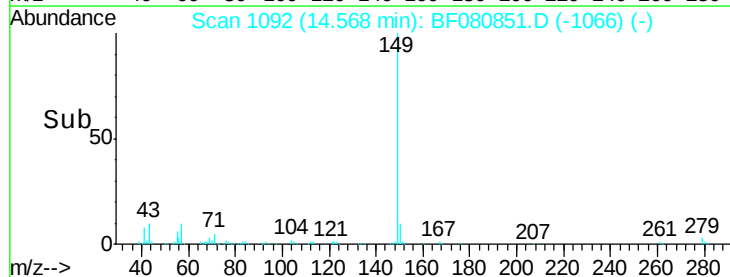
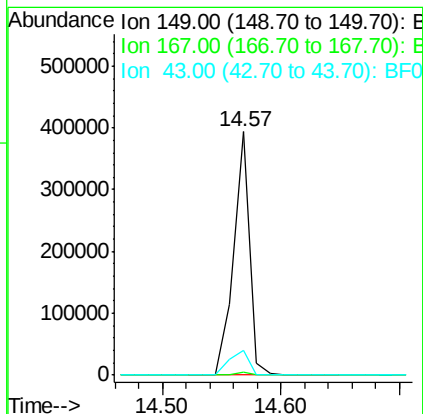
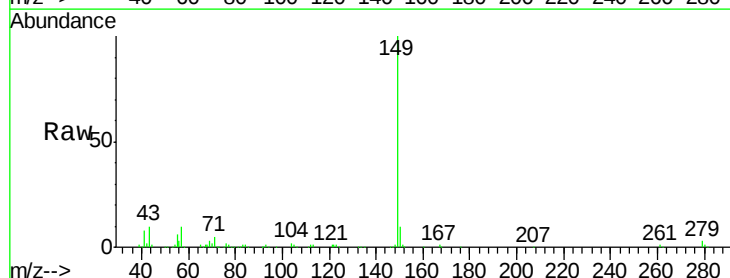
RT: 14.57 min Scan# 1092

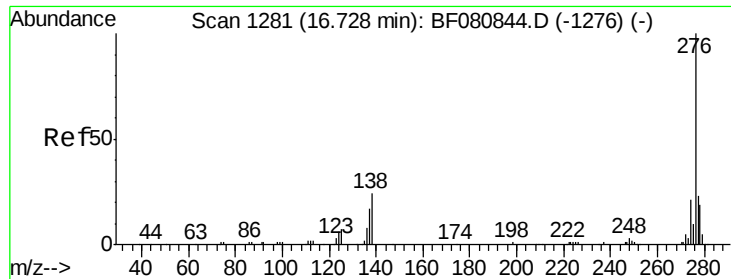
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:	149	Resp:	364058
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	13.0	10.3	15.5





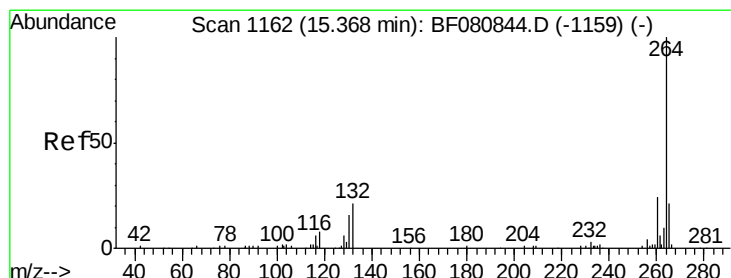
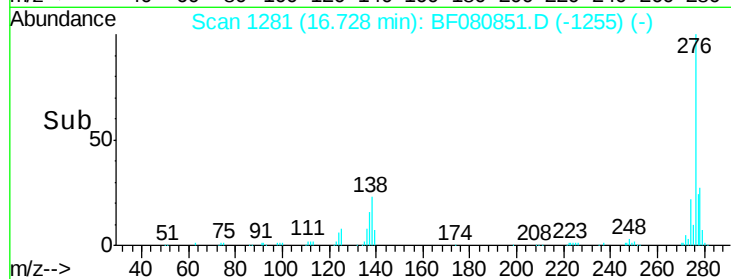
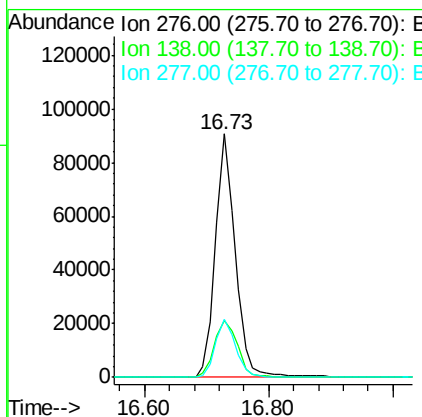
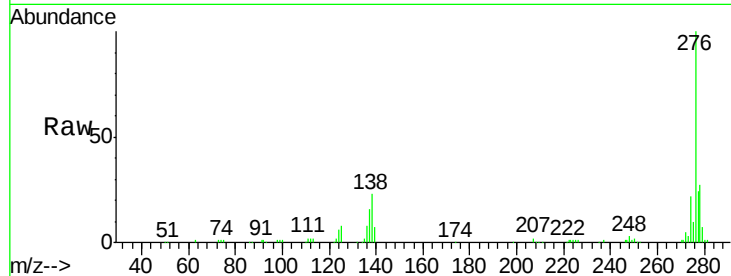
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.07 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	199527		
138	27.1		21.6	32.4
277	24.3		19.6	29.4

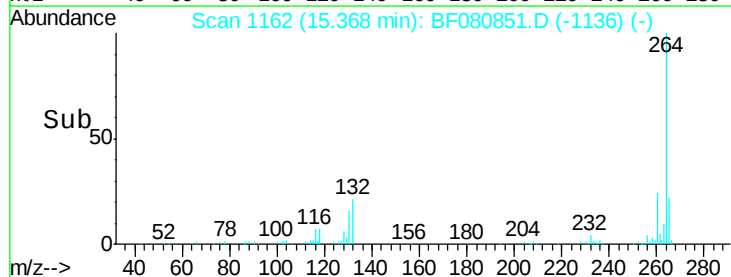
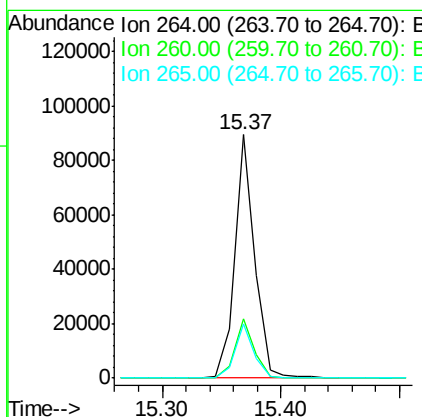
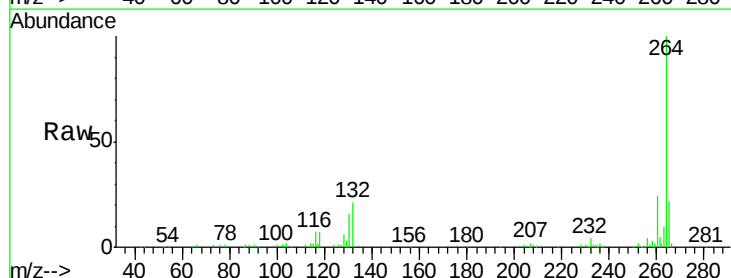
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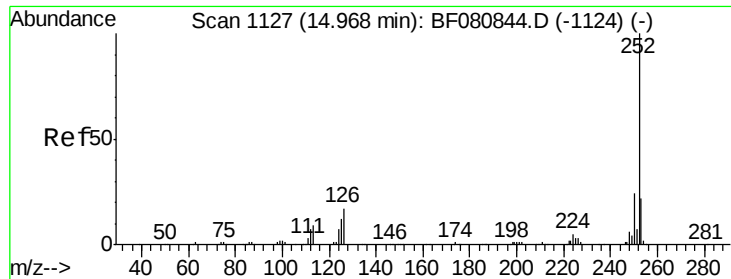
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	103479		
260	24.4		18.9	28.3
265	22.2		16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 29.11 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080851.D

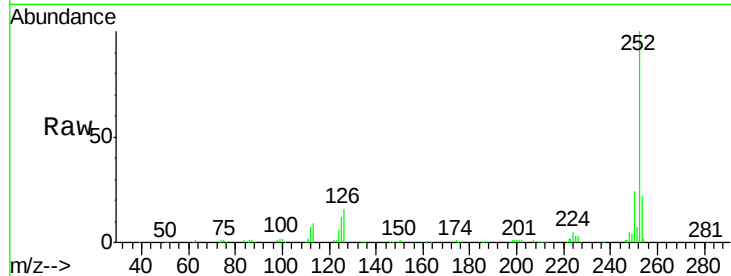
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

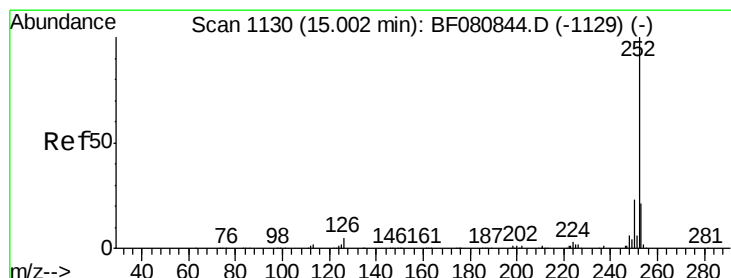
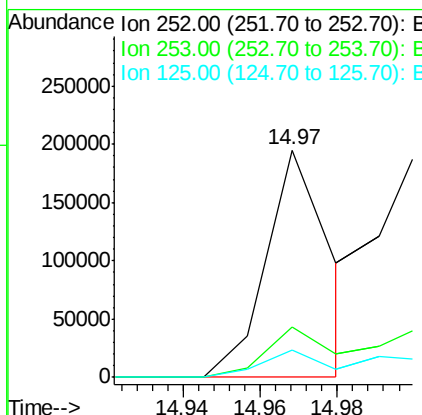
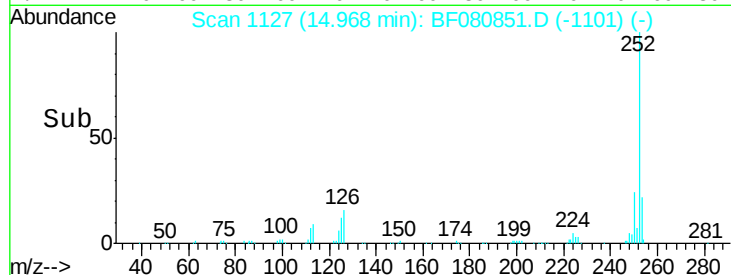
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	225310		
253	22.4	17.4	26.0	
125	12.2	9.8	14.8	

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#88

Benzo(k)fluoranthene

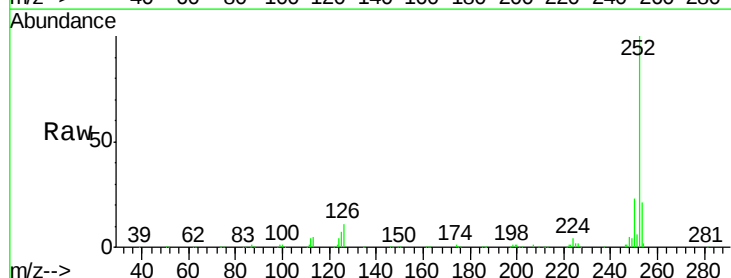
Concen: 40.55 ng m

RT: 15.00 min Scan# 1130

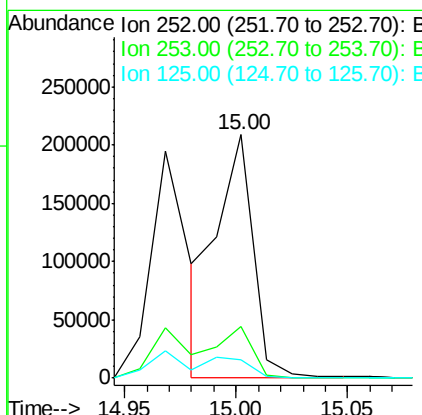
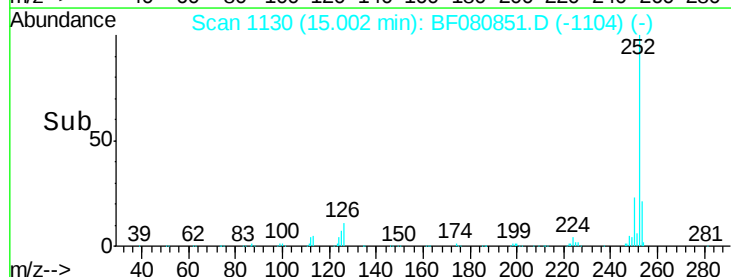
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	241608		
253	21.0	16.9	25.3	
125	7.4	7.0	10.6	





#89

Benzo(a)pyrene

Concen: 33.46 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080851.D

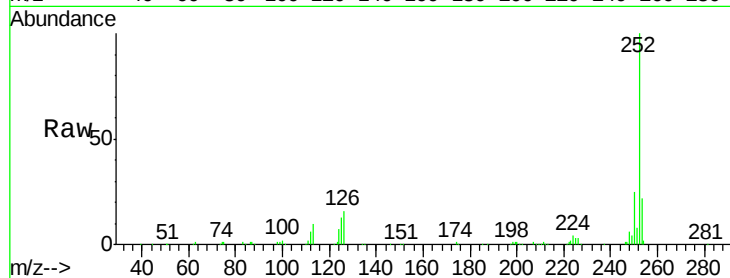
Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

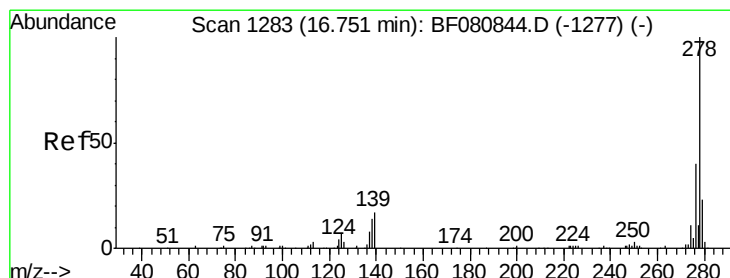
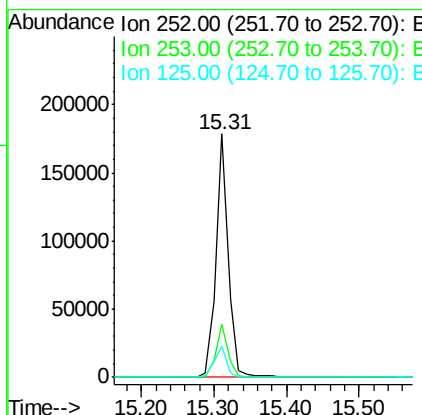
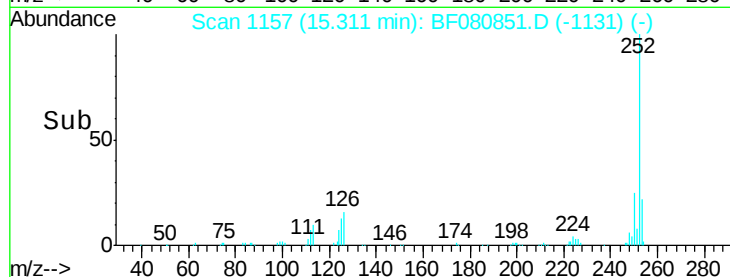
PB84692BS



Tgt Ion:	252	Resp:	211414
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.8	10.6	16.0

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#90

Dibenzo(a,h)anthracene

Concen: 30.84 ng

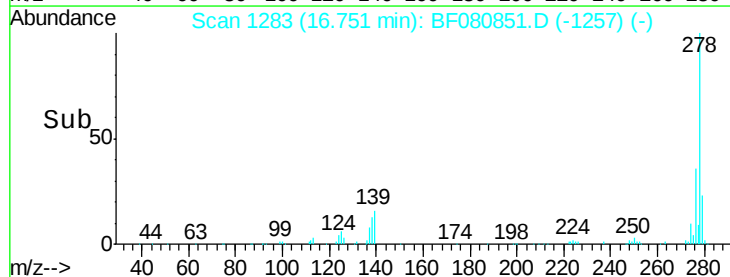
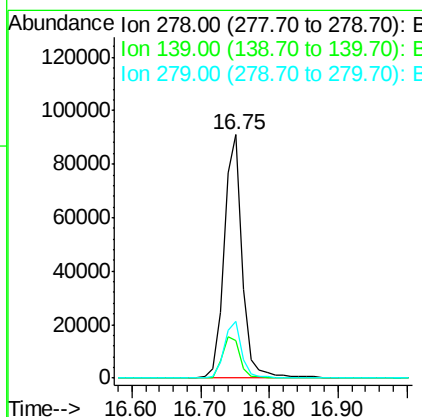
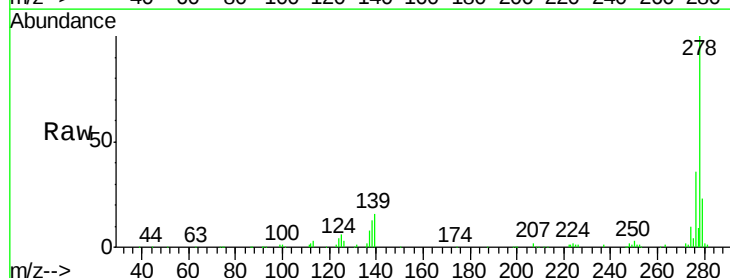
RT: 16.75 min Scan# 1283

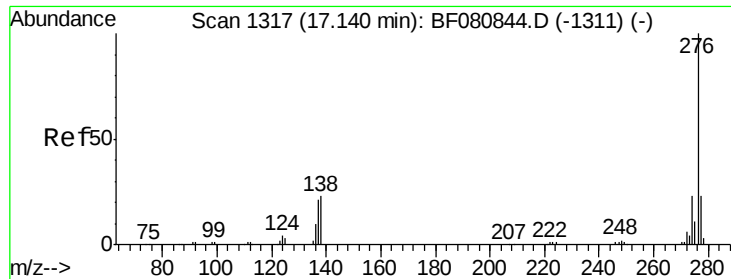
Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:	278	Resp:	169247
Ion Ratio		Lower	Upper
278	100		
139	15.5	13.4	20.0
279	23.3	18.4	27.6





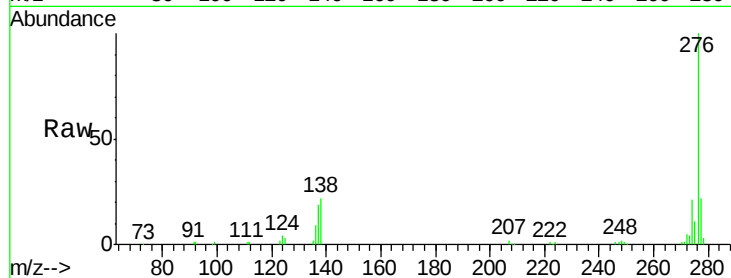
#91
 Benzo(g,h,i)perylene
 Concen: 31.19 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tgt Ion:	276	Resp:	165460
Ion Ratio		Lower	Upper
276	100		
277	21.7	18.6	27.8
138	21.7	18.8	28.2

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

