

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081169.D
 Acq On : 24 Aug 2015 14:52
 Operator : UM/IZ
 Sample : PB85067BS
 Misc : FOR IDOC PURPOSE
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Manual Integrations
 APPROVED

MMDadoda
 8/24/2015 7:10:57 PM

Quant Time: Aug 24 15:29:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	62466	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	266805	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	115267	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	246049	20.00	ng	0.00
75) Chrysene-d12	13.66	240	207575	20.00	ng	0.00
86) Perylene-d12	14.99	264	149547	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	522091	125.71	ng	0.02
7) Phenol-d6	6.20	99	635253	117.23	ng	0.00
23) Nitrobenzene-d5	7.12	82	438789	75.13	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	109041	109.13	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	646819	73.53	ng	0.00
78) Terphenyl-d14	12.62	244	649038	67.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	62483	31.93	ng	# 90
3) Pyridine	2.61	79	189039	34.22	ng	# 83
4) n-Nitrosodimethylamine	2.56	42	113890	37.03	ng	# 78
6) Aniline	6.21	93	181591	23.05	ng	# 1
8) 2-Chlorophenol	6.33	128	175519	38.61	ng	# 77
9) Benzaldehyde	6.08	77	25058	7.17	ng	94
10) Phenol	6.21	94	213487	33.36	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	179890	36.63	ng	88
12) 1,3-Dichlorobenzene	6.48	146	186958	38.28	ng	96
13) 1,4-Dichlorobenzene	6.56	146	188760	39.03	ng	98
14) 1,2-Dichlorobenzene	6.71	146	160003	35.35	ng	99
15) Benzyl Alcohol	6.70	79	160117	36.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	367505	38.09	ng	98
17) 2-Methylphenol	6.82	107	163347	41.88	ng	95
18) Hexachloroethane	7.05	117	71938	36.81	ng	94
19) n-Nitroso-di-n-propylamine	6.97	70	138364	36.86	ng	92
20) 3+4-Methylphenols	6.98	107	197751	39.94	ng	# 41
22) Acetophenone	6.96	105	262060	37.41	ng	# 88
24) Nitrobenzene	7.13	77	212497	34.80	ng	97
25) Isophorone	7.38	82	381381	35.02	ng	# 94
26) 2-Nitrophenol	7.45	139	101813	40.09	ng	# 75
27) 2,4-Dimethylphenol	7.51	122	170257	37.90	ng	89
28) bis(2-Chloroethoxy)methane	7.60	93	253648	39.42	ng	98
29) 2,4-Dichlorophenol	7.69	162	137460	36.34	ng	88
30) 1,2,4-Trichlorobenzene	7.77	180	146805	34.92	ng	96
31) Naphthalene	7.85	128	551506	37.08	ng	99
32) Benzoic acid	7.65	122	116981	46.29	ng	93
33) 4-Chloroaniline	7.91	127	105267	16.78	ng	# 86
34) Hexachlorobutadiene	7.98	225	88533	37.24	ng	98
35) Caprolactam	8.29	113	58205m	44.03	ng	
36) 4-Chloro-3-methylphenol	8.40	107	166004	36.82	ng	98
37) 2-Methylnaphthalene	8.54	142	328316	34.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	147564	39.68	ng	98
40) Hexachlorocyclopentadiene	8.70	237	149911	77.88	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	107220	40.81	ng	98
43) 2,4,5-Trichlorophenol	8.87	196	107692	41.01	ng	95
45) 1,1'-Biphenyl	9.01	154	443743	43.71	ng	98
46) 2-Chloronaphthalene	9.03	162	303289	37.18	ng	98
47) 2-Nitroaniline	9.12	65	125080	37.47	ng	98
48) Acenaphthylene	9.43	152	491031	33.65	ng	99
49) Dimethylphthalate	9.32	163	347748	36.63	ng	99
50) 2,6-Dinitrotoluene	9.37	165	74468	36.54	ng	# 71
51) Acenaphthene	9.60	154	289151	33.10	ng	100
52) 3-Nitroaniline	9.53	138	57598	22.58	ng	97
53) 2,4-Dinitrophenol	9.65	184	95428	83.07	ng	# 74
54) Dibenzofuran	9.77	168	429354	36.68	ng	91
55) 4-Nitrophenol	9.72	139	133799	74.69	ng	# 81
56) 2,4-Dinitrotoluene	9.77	165	99185	36.72	ng	# 61
57) Fluorene	10.12	166	334882	37.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	82491m	40.59	ng	
59) Diethylphthalate	10.01	149	384994	38.32	ng	98
60) 4-Chlorophenyl-phenylether	10.12	204	152458	40.01	ng	97
61) 4-Nitroaniline	10.15	138	98632	37.84	ng	93
62) Azobenzene	10.28	77	490187	42.34	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	57678	39.25	ng	# 38
65) n-Nitrosodiphenylamine	10.24	169	328498	37.40	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	86602	35.83	ng	# 62
67) Hexachlorobenzene	10.66	284	96842	39.56	ng	# 82
68) Atrazine	10.77	200	74713	30.53	ng	98
69) Pentachlorophenol	10.86	266	116043	79.01	ng	99
70) Phenanthrene	11.06	178	479512	32.88	ng	99
71) Anthracene	11.12	178	558700	39.37	ng	99
72) Carbazole	11.28	167	540546	39.57	ng	98
73) Di-n-butylphthalate	11.63	149	638257	38.61	ng	99
74) Fluoranthene	12.24	202	585579	37.21	ng	95
76) Benzidine	12.37	184	160910	20.52	ng	99
77) Pyrene	12.47	202	609569	36.12	ng	98
79) Butylbenzylphthalate	13.10	149	271347	37.41	ng	# 62
80) Benzo(a)anthracene	13.65	228	509312	36.59	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	136254	30.22	ng	# 93
82) Chrysene	13.68	228	393985	31.40	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	386578	41.61	ng	100
84) Di-n-octyl phthalate	14.28	149	654759	46.37	ng	100
85) Indeno(1,2,3-cd)pyrene	16.16	276	337690	38.34	ng	# 93
87) Benzo(b)fluoranthene	14.64	252	505420m	47.78	ng	
88) Benzo(k)fluoranthene	14.67	252	320755m	32.54	ng	
89) Benzo(a)pyrene	14.94	252	379633	41.19	ng	99
90) Dibenzo(a,h)anthracene	16.17	278	280777	39.10	ng	# 92
91) Benzo(g,h,i)perylene	16.52	276	274378	37.66	ng	# 92

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

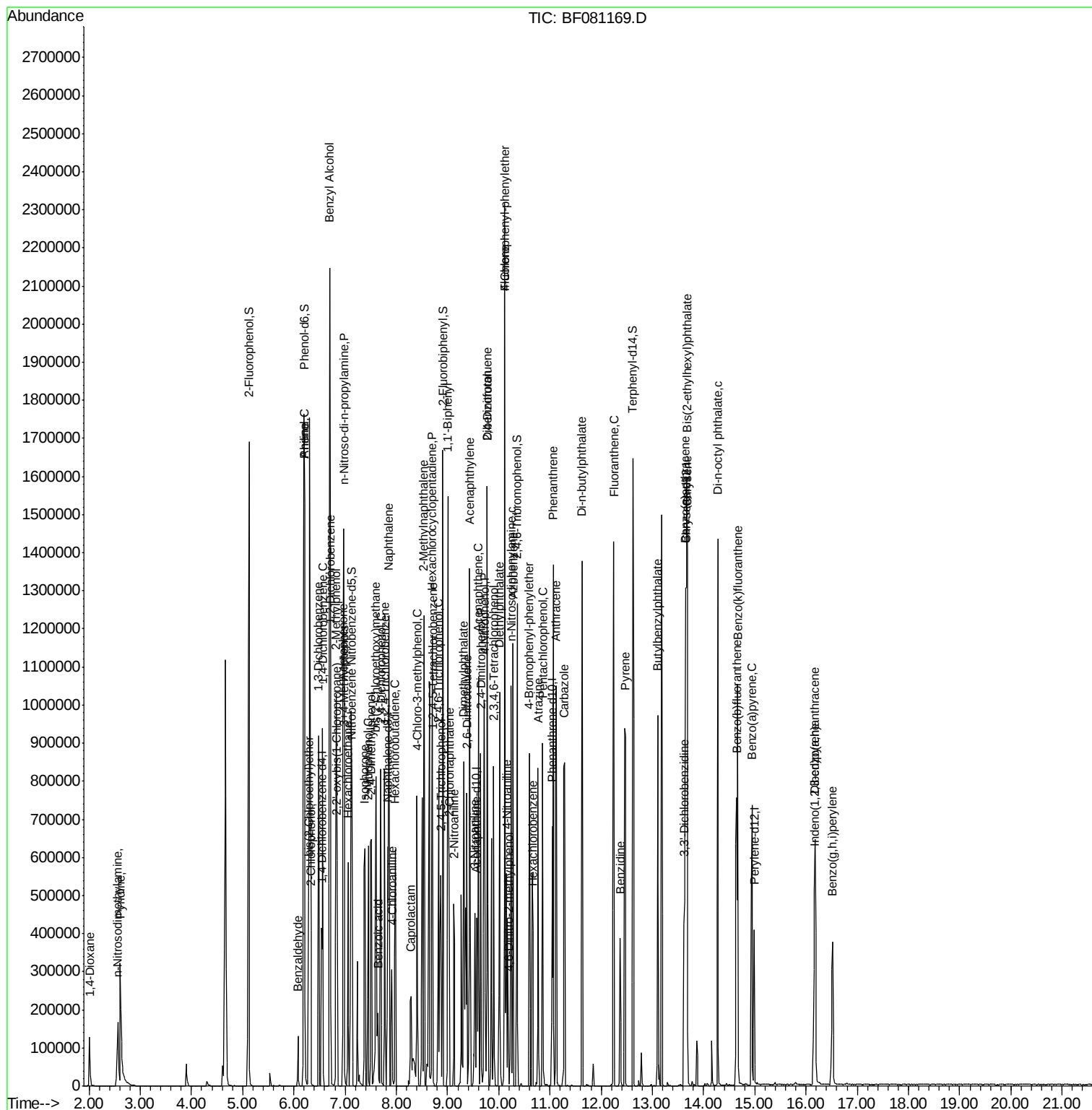
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Operator  : UM/IZ  
Sample    : PB85067BS  
Misc      : FOR IDOC PURPOSE  
ALS Vial  : 9   Sample Multiplier: 1
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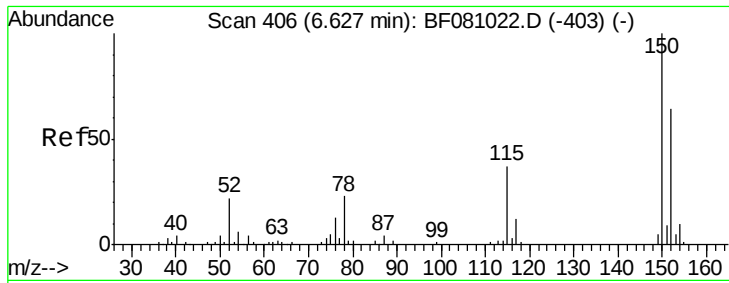
Instrument :
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ClientSampleId :
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#1

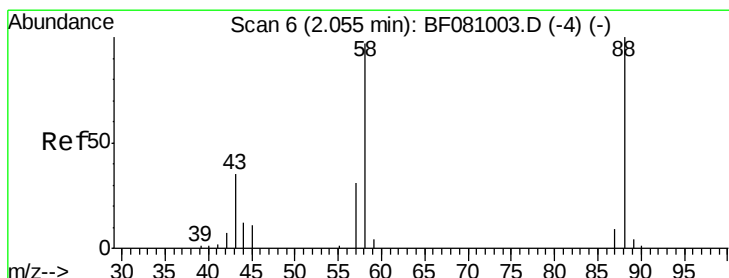
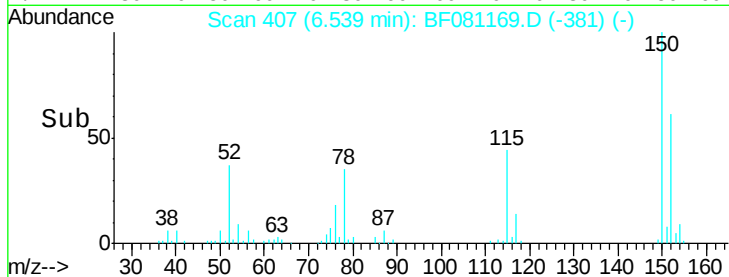
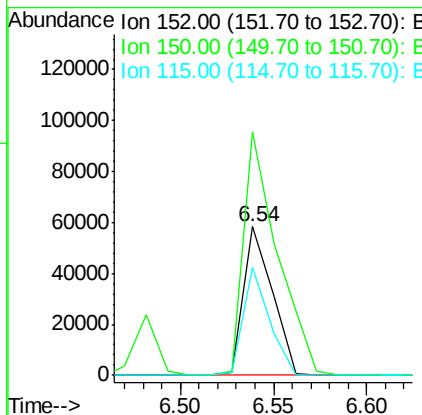
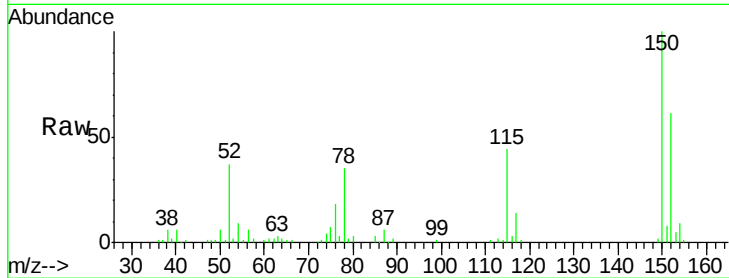
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
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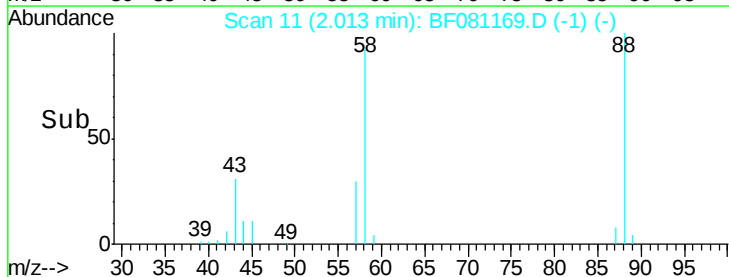
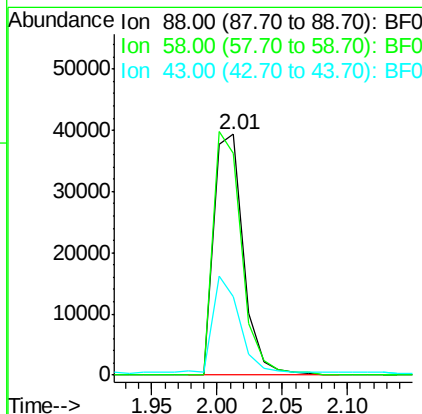
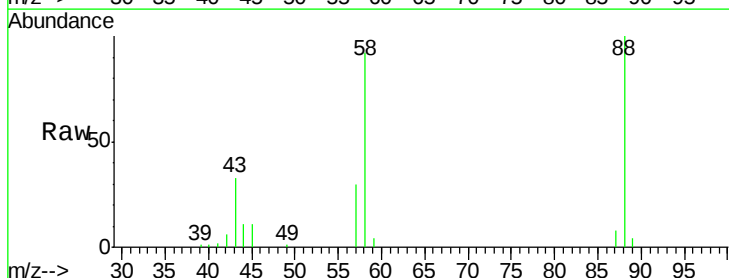
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	123.8	185.6
115	72.3	52.1	78.1

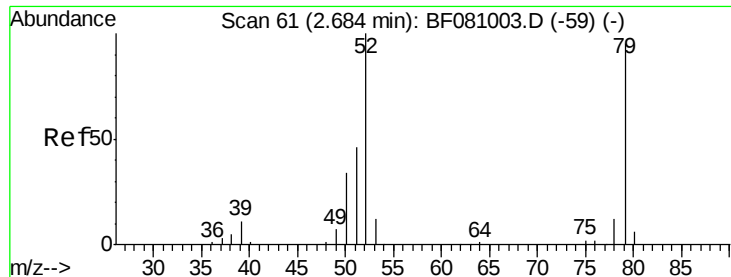


#2

1,4-Dioxane
 Concen: 31.93 ng
 RT: 2.01 min Scan# 11
 Delta R.T. 0.08 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.3	83.7	125.5
43	35.5	37.5	56.3





#3

Pyridine

Concen: 34.22 ng

RT: 2.61 min Scan# 63

Delta R.T. 0.07 min

Lab File: BF081169.D

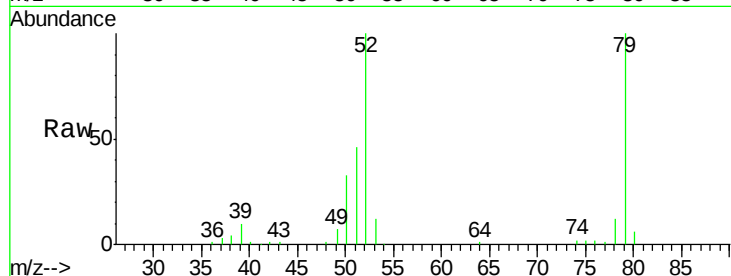
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS



Tgt Ion: 79 Resp: 189039

Ion Ratio Lower Upper

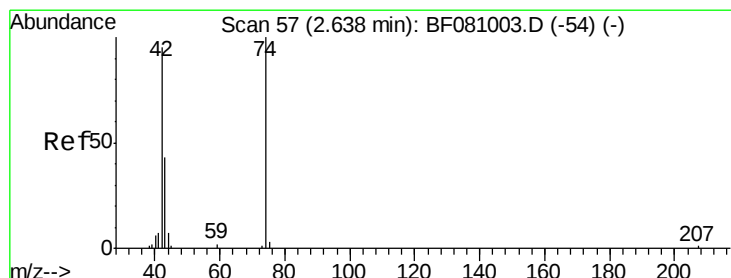
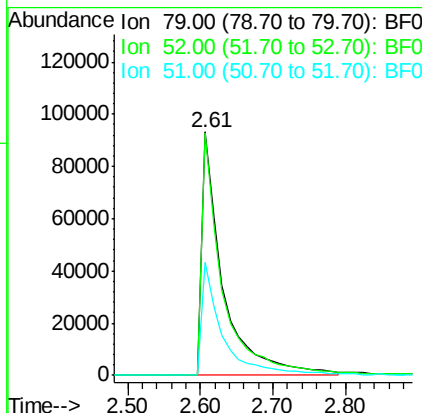
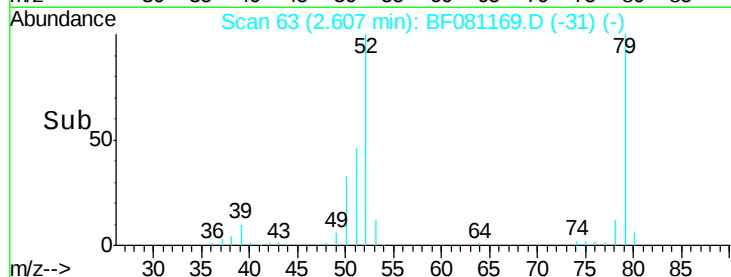
79 100

52 99.6 95.1 142.7

51 46.4 46.6 70.0#

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#4

n-Nitrosodimethylamine

Concen: 37.03 ng

RT: 2.56 min Scan# 59

Delta R.T. 0.06 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

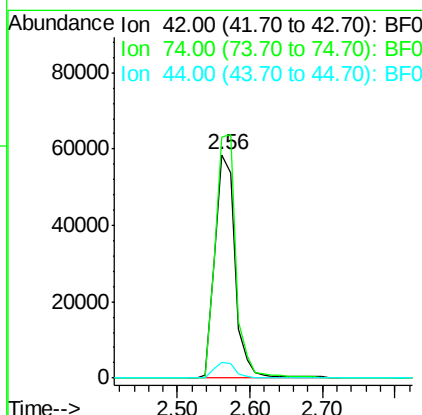
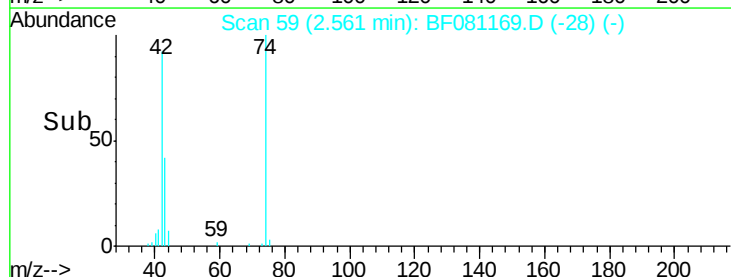
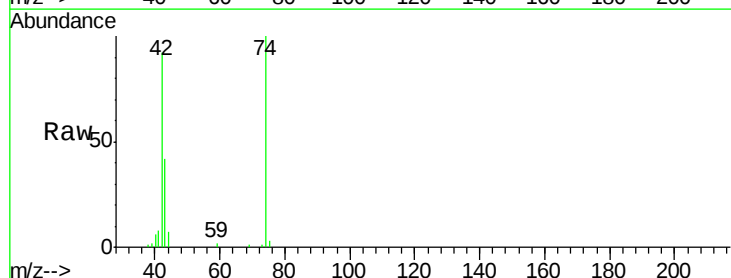
Tgt Ion: 42 Resp: 113890

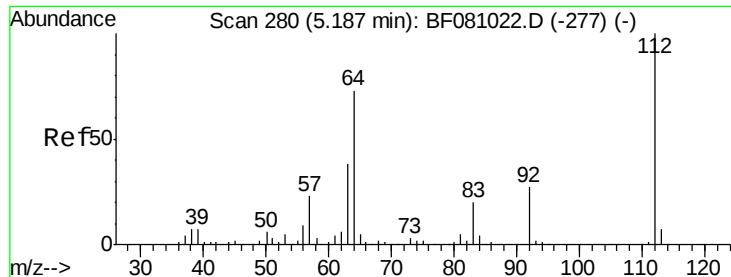
Ion Ratio Lower Upper

42 100

74 108.2 69.3 103.9#

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 125.71 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081169.D

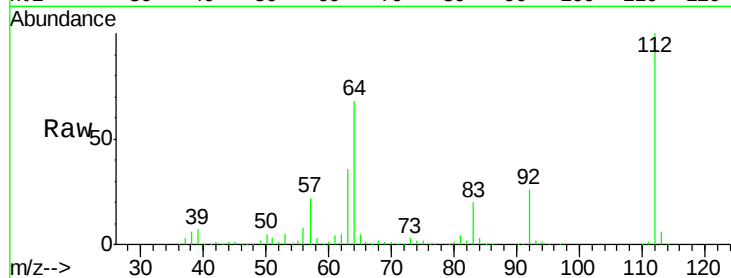
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

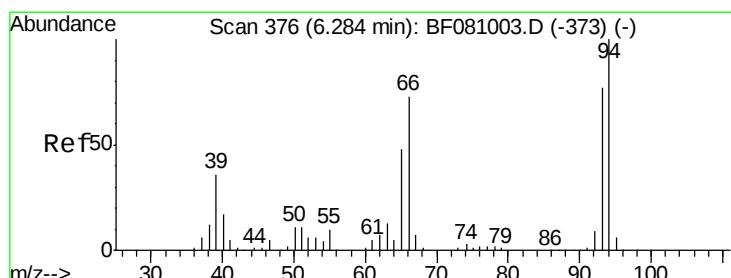
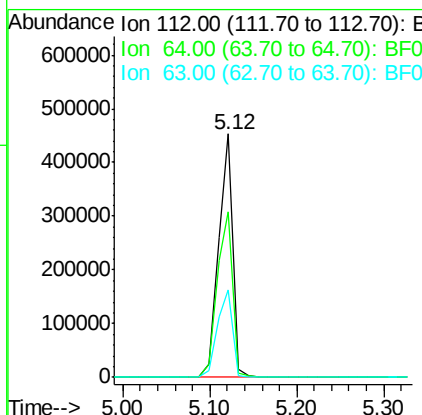
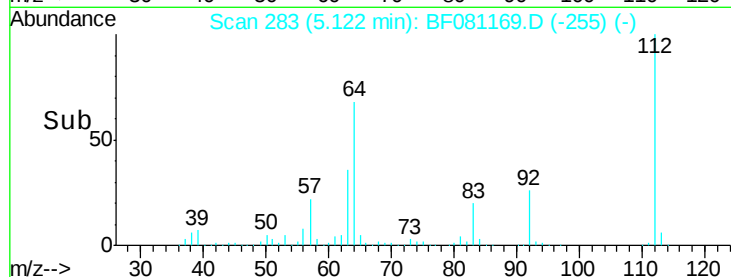
PB85067BS



Tgt Ion:	112	Resp:	522091
Ion Ratio	Lower	Upper	
112	100		
64	68.1	66.9	100.3
63	36.2	38.1	57.1#

Manual Integrations
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#6

Aniline

Concen: 23.05 ng

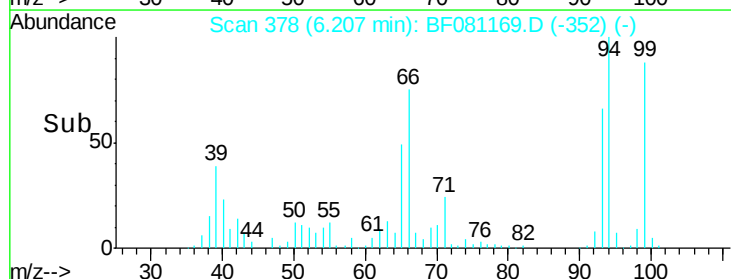
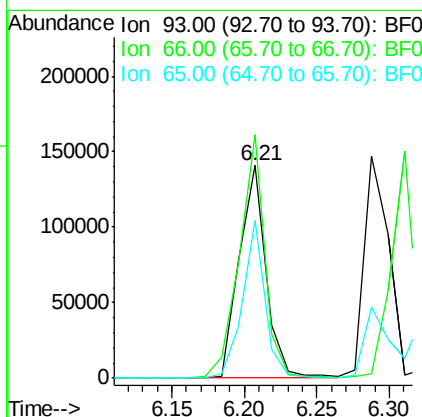
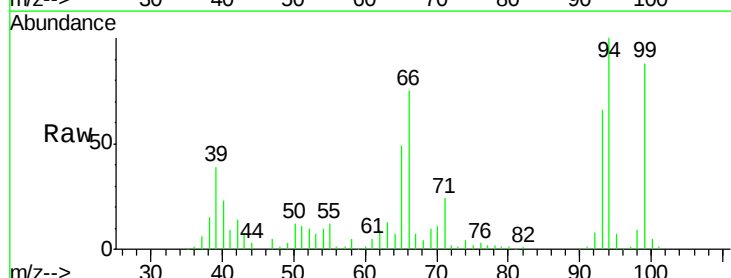
RT: 6.21 min Scan# 378

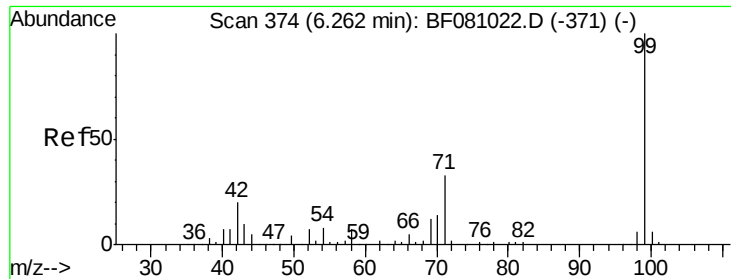
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	93	Resp:	181591
Ion Ratio	Lower	Upper	
93	100		
66	114.5	35.6	53.4#
65	74.3	18.7	28.1#





#7

Phenol-d6

Concen: 117.23 ng

RT: 6.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081169.D

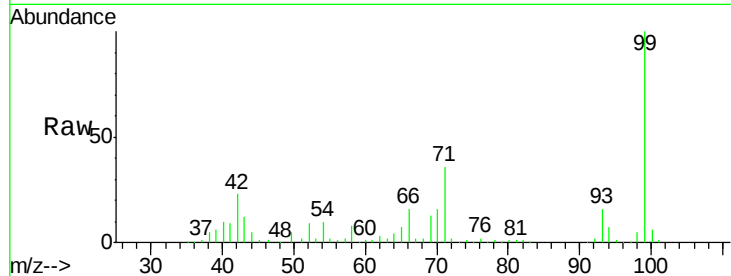
Acq: 24 Aug 2015 14:52

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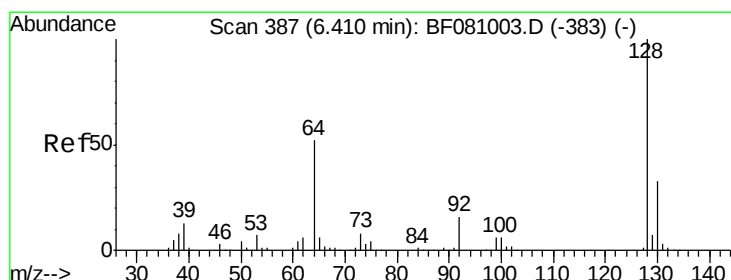
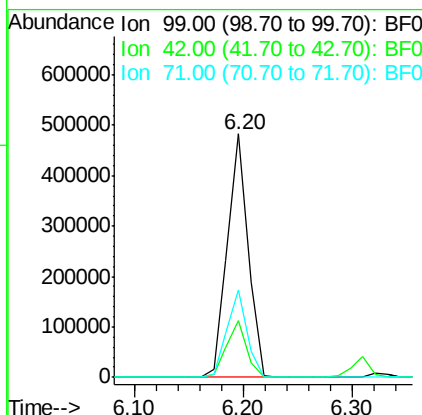
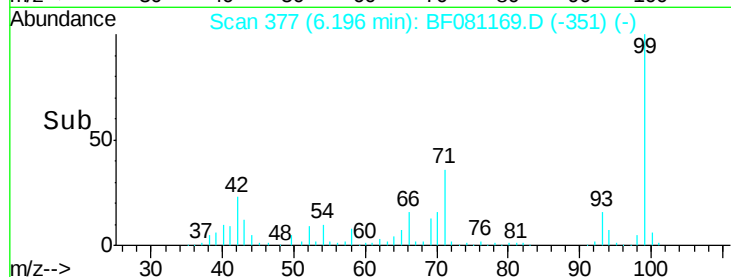
PB85067BS



Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.6	29.4
71	35.8	31.2	46.8

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#8

2-Chlorophenol

Concen: 38.61 ng

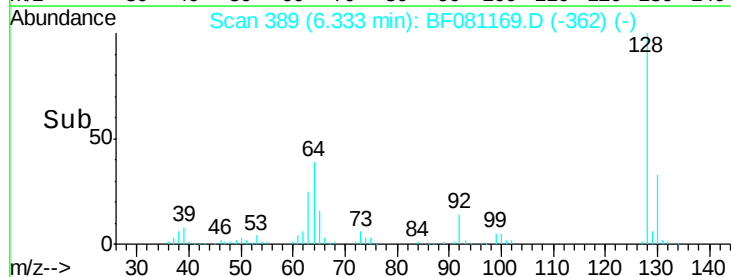
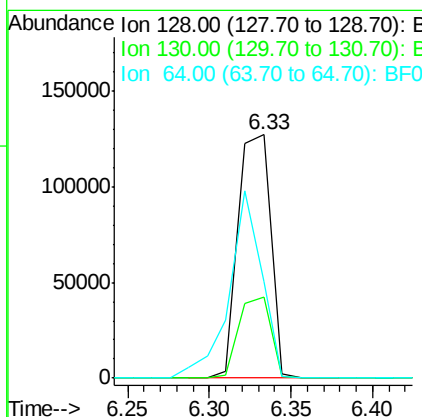
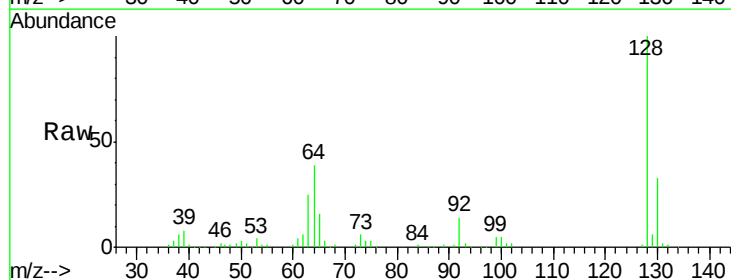
RT: 6.33 min Scan# 389

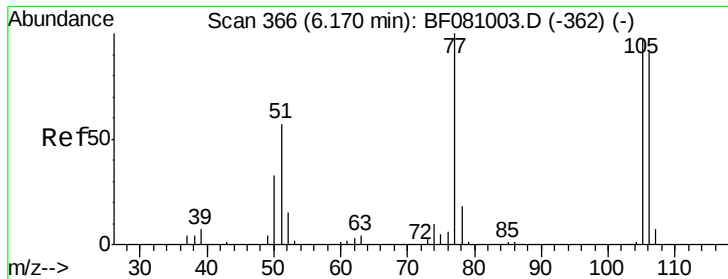
Delta R.T. 0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	39.3	46.8	86.8





#9

Benzaldehyde

Concen: 7.17 ng

RT: 6.08 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

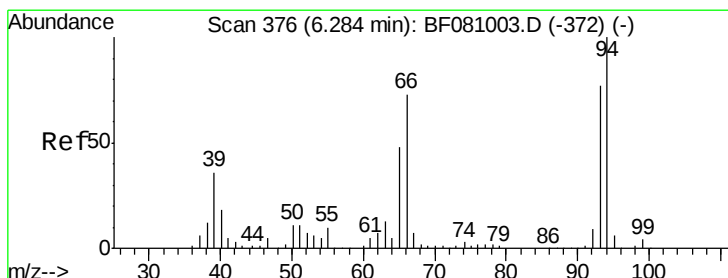
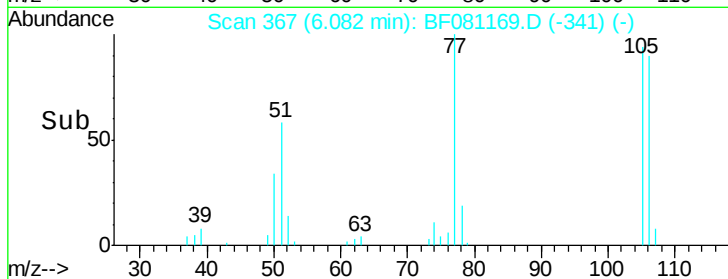
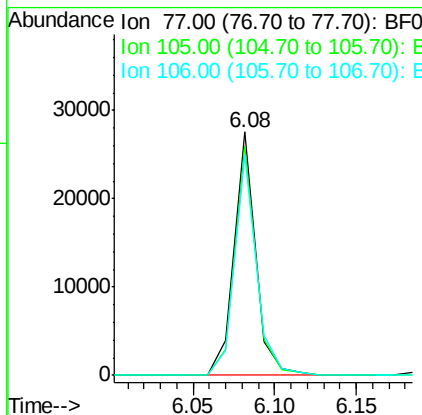
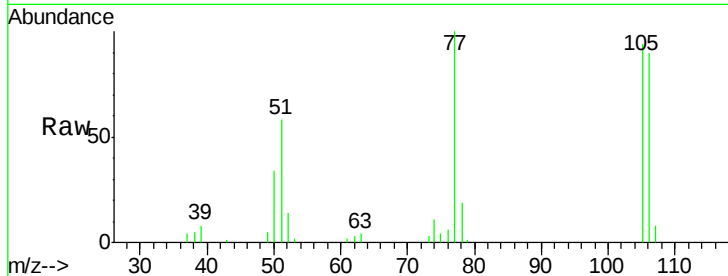
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Tgt Ion:	77	Resp:	25058
Ion	Ratio	Lower	Upper
77	100		
105	94.3	69.6	109.6
106	90.4	64.0	104.0



#10

Phenol

Concen: 33.36 ng

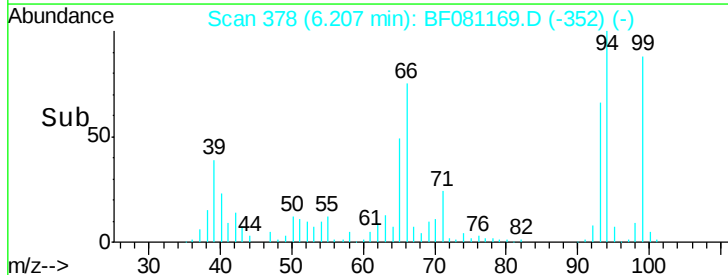
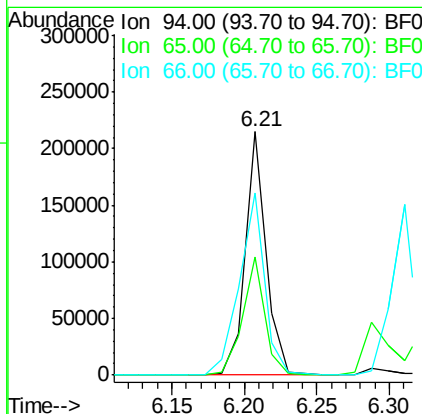
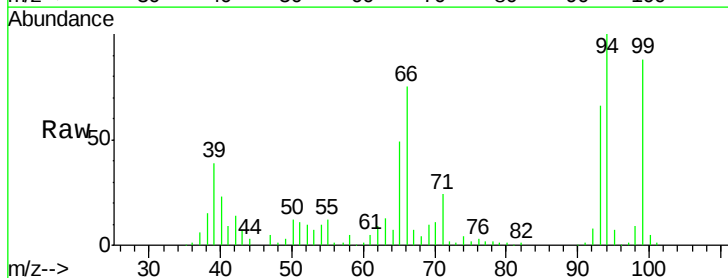
RT: 6.21 min Scan# 378

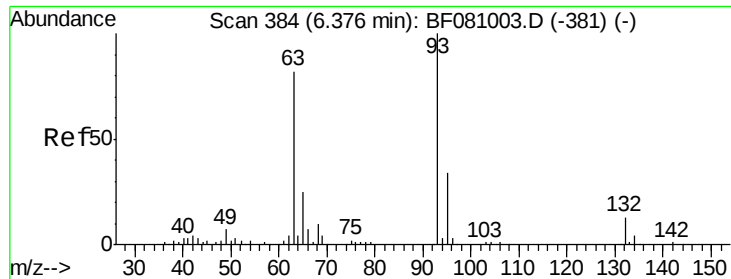
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	94	Resp:	213487
Ion	Ratio	Lower	Upper
94	100		
65	48.7	28.4	68.4
66	75.0	52.3	92.3





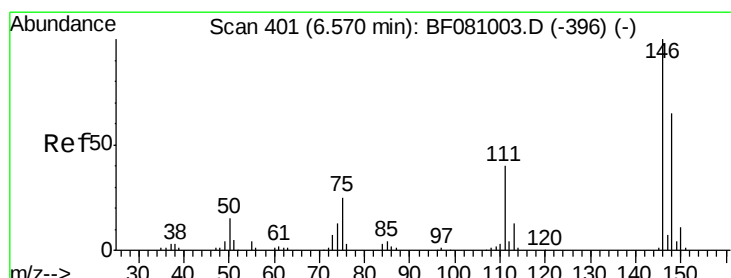
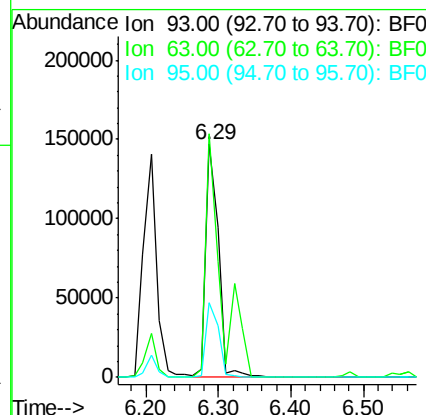
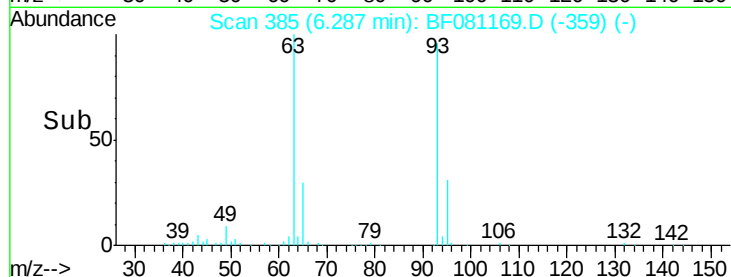
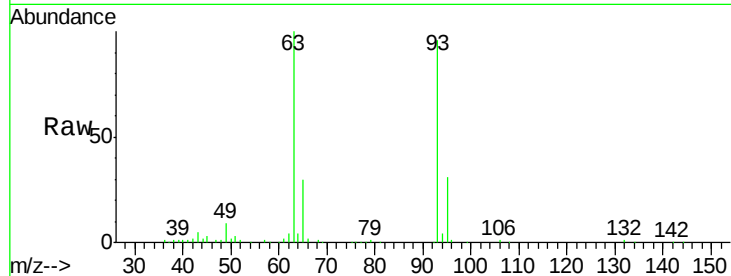
#11
bis(2-Chloroethyl)ether
Concen: 36.63 ng
RT: 6.29 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	179890		
63	104.5	69.6	109.6	
95	32.1	12.3	52.3	

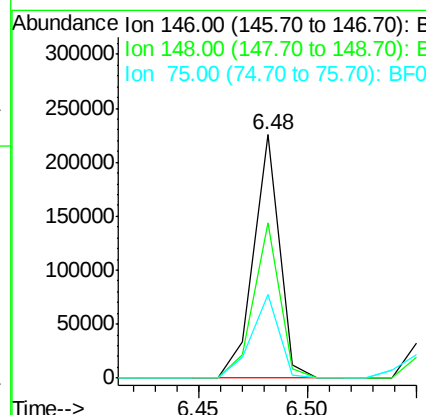
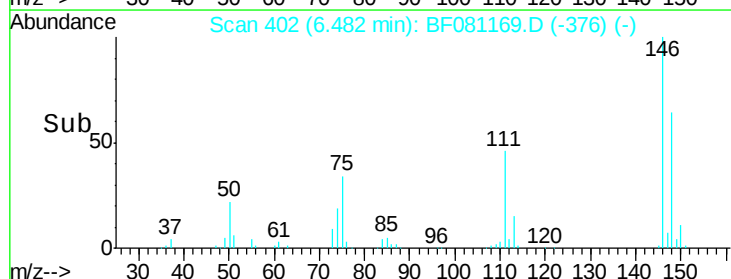
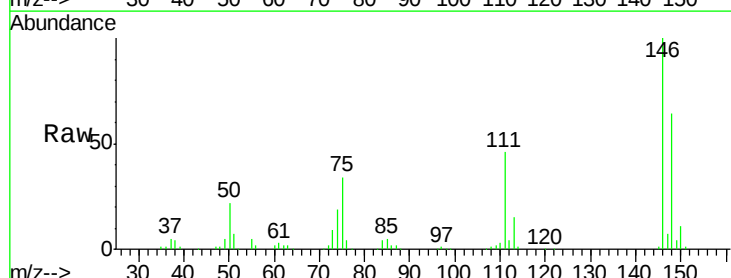
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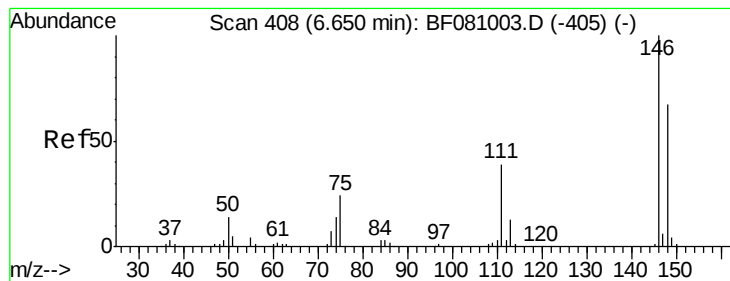
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#12
1,3-Dichlorobenzene
Concen: 38.28 ng
RT: 6.48 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	186958		
148	63.6	53.3	79.9	
75	34.2	25.0	37.6	





#13

1,4-Dichlorobenzene

Concen: 39.03 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF081169.D

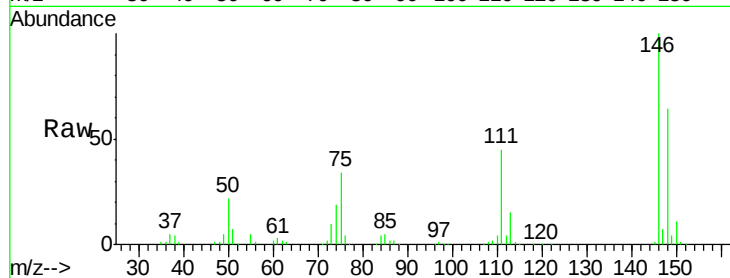
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

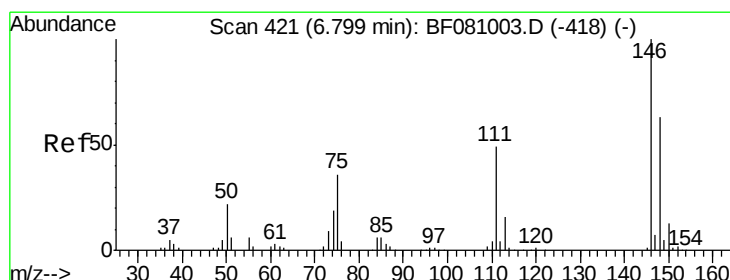
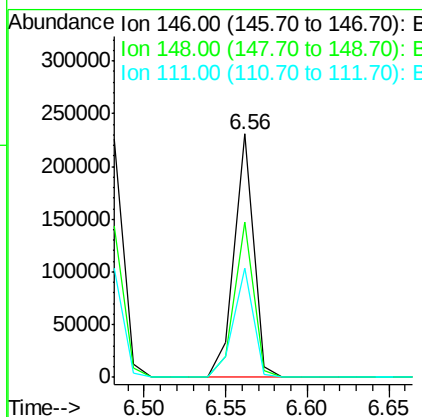
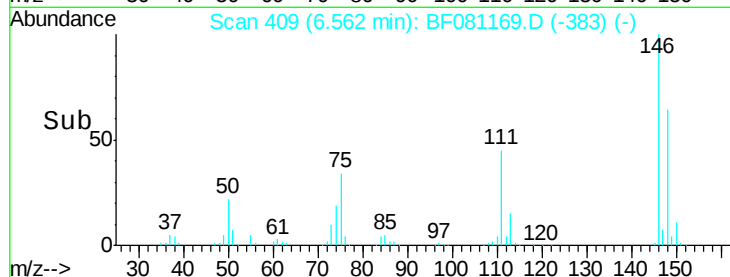
PB85067BS



Tgt Ion:	146	Resp:	188760
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	44.7	34.4	51.6

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#14

1,2-Dichlorobenzene

Concen: 35.35 ng

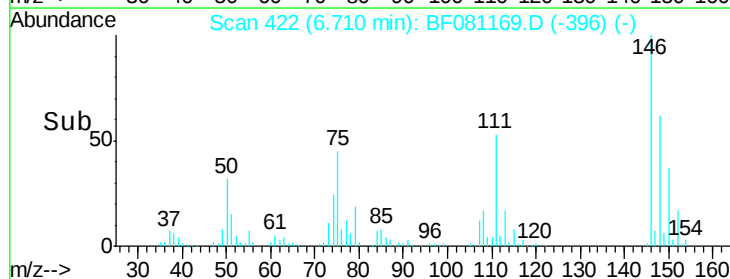
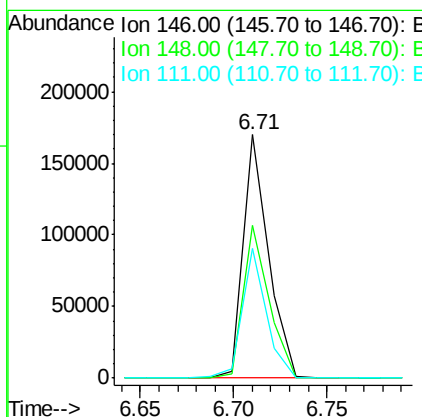
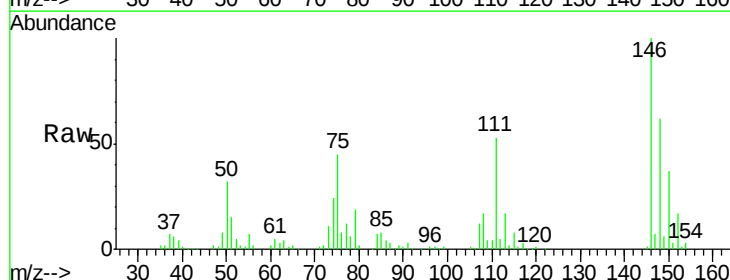
RT: 6.71 min Scan# 422

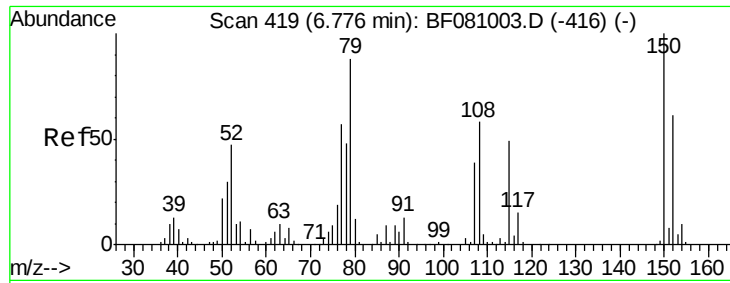
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	146	Resp:	160003
Ion Ratio	Lower	Upper	
146	100		
148	62.5	48.7	73.1
111	53.3	42.3	63.5





#15

Benzyl Alcohol

Concen: 36.52 ng

RT: 6.70 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion: 79 Resp: 160117
Ion Ratio Lower Upper

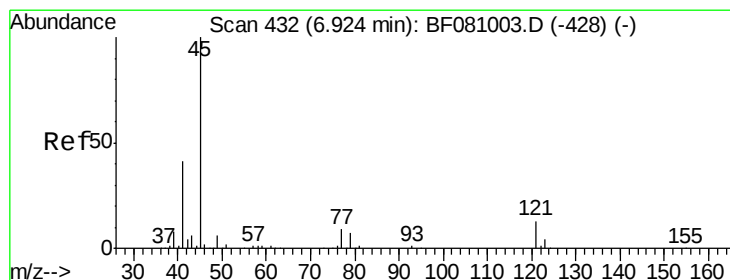
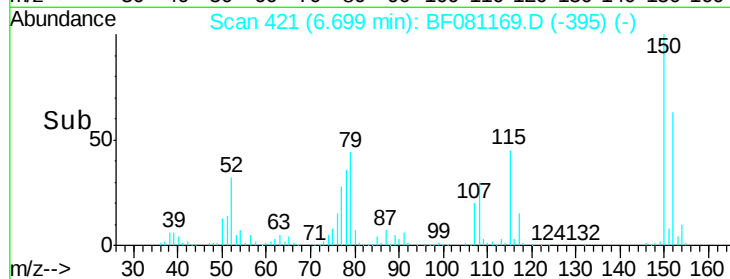
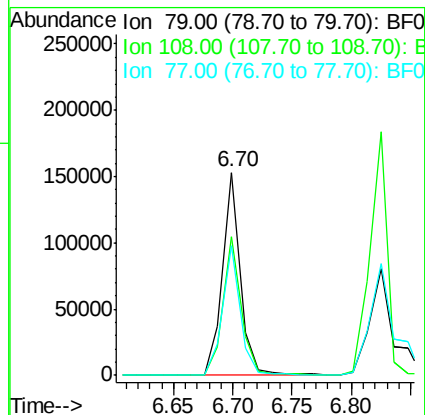
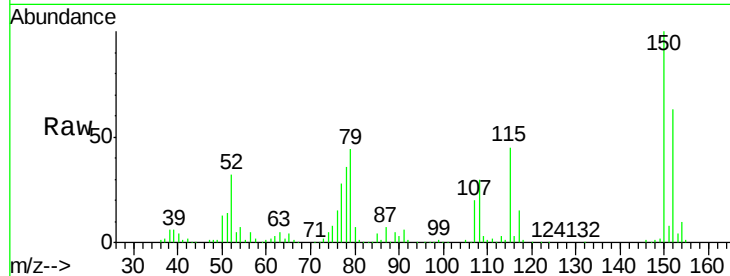
79 100

108 68.1 49.4 74.2

77 63.6 51.4 77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.09 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081169.D

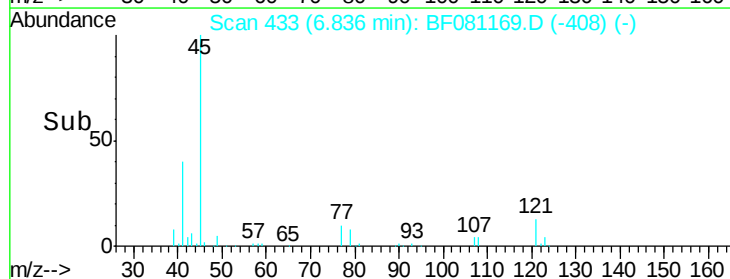
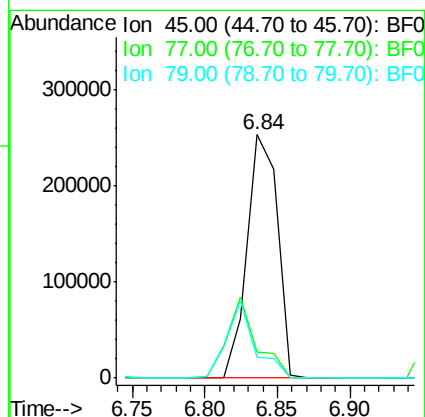
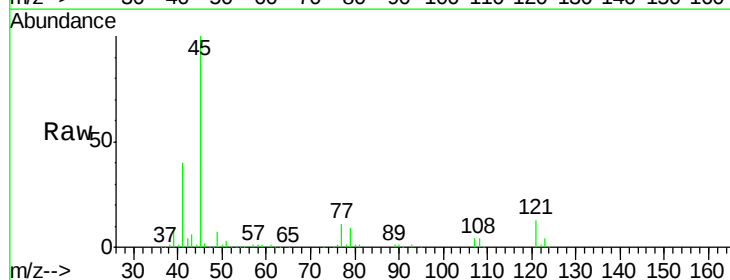
Acq: 24 Aug 2015 14:52

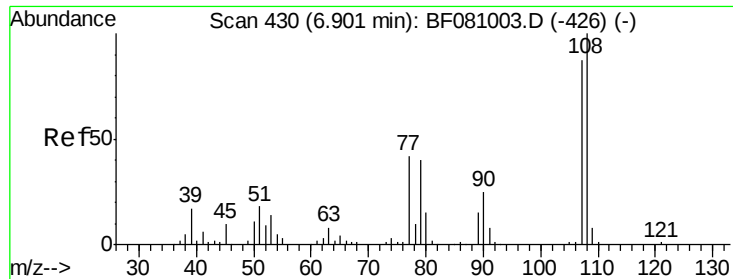
Tgt Ion: 45 Resp: 367505
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.2

79 8.7 0.0 28.0





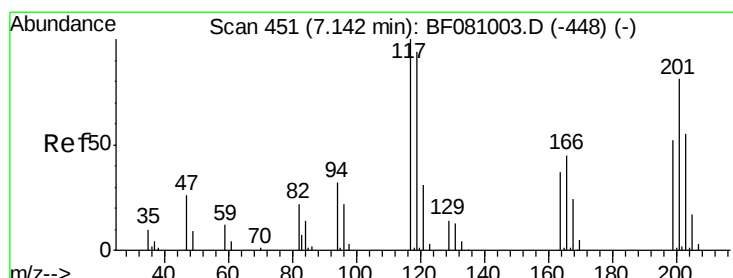
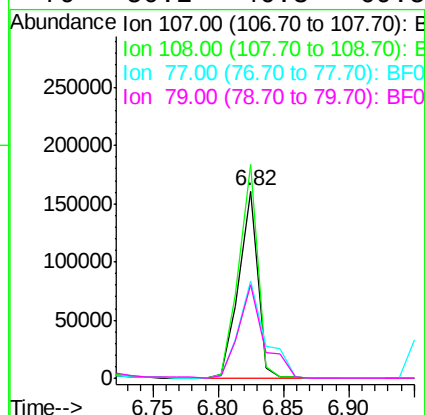
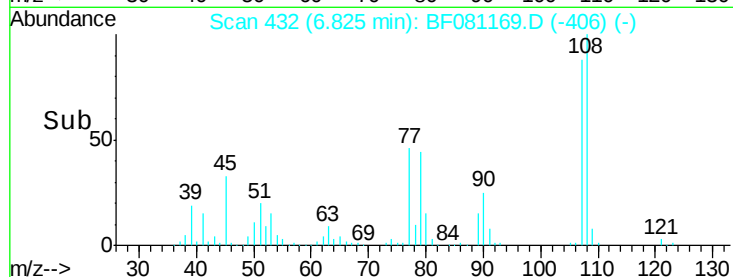
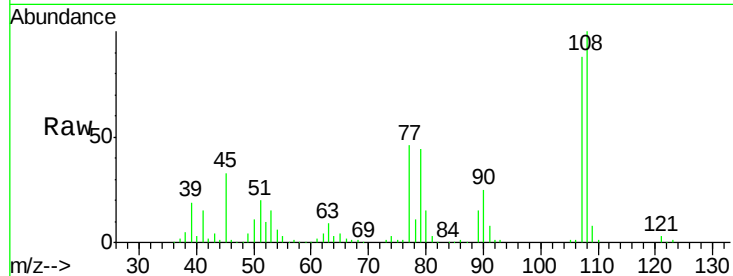
#17
2-Methylphenol
Concen: 41.88 ng
RT: 6.82 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:	107	Resp:	163347
Ion Ratio	Lower	Upper	
107	100		
108	113.9	90.4	135.6
77	52.0	46.5	69.7
79	50.2	46.3	69.5

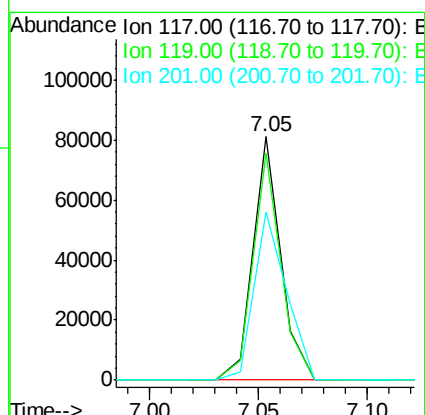
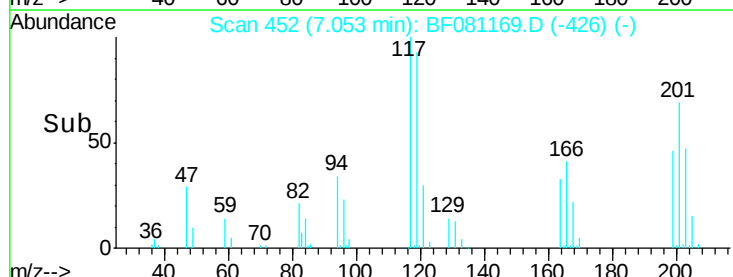
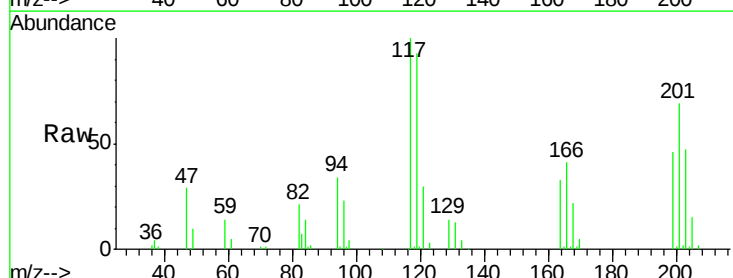
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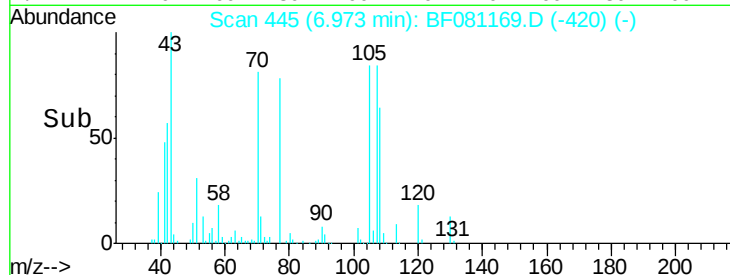
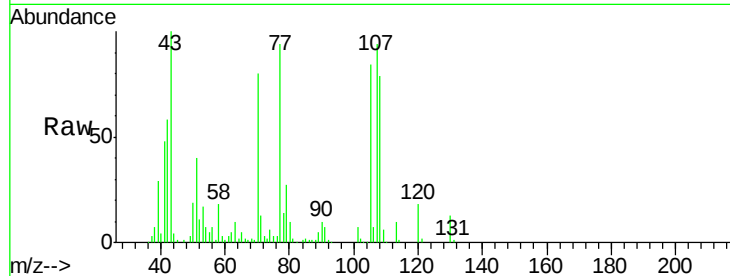
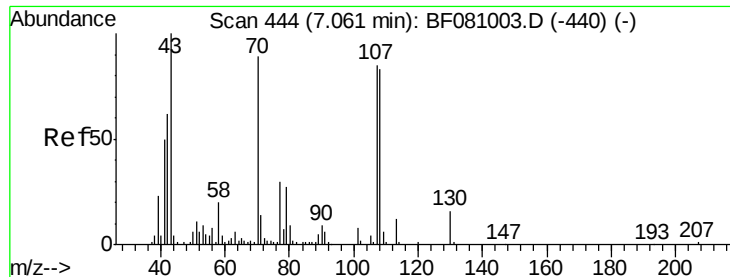
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#18
Hexachloroethane
Concen: 36.81 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:	117	Resp:	71938
Ion Ratio	Lower	Upper	
117	100		
119	93.5	77.9	116.9
201	69.3	61.3	91.9





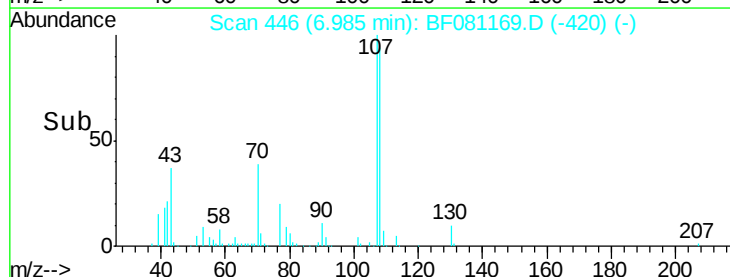
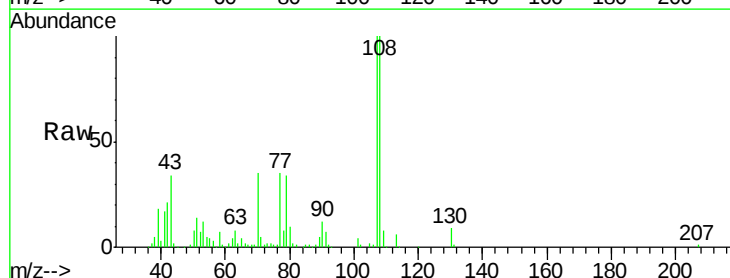
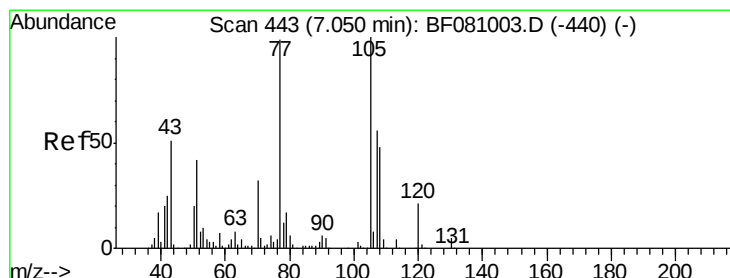
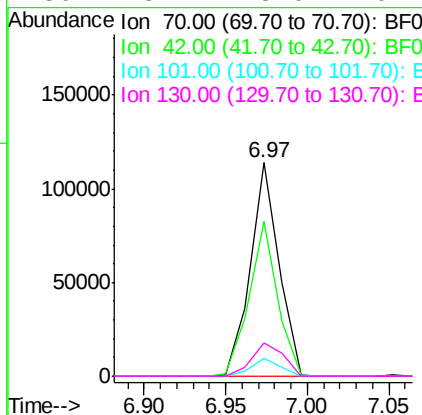
#19
n-Nitroso-di-n-propylamine
Concen: 36.86 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

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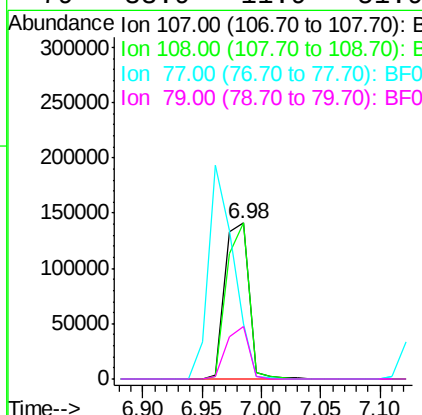
MMDadoda
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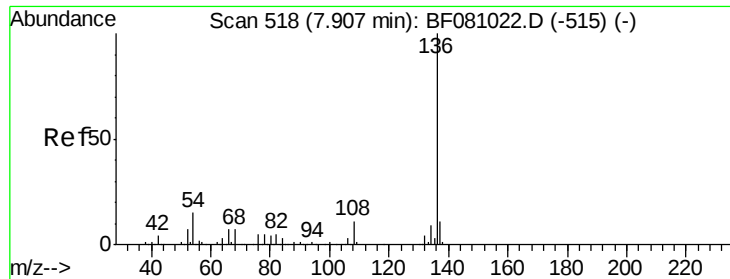
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	72.7	65.0	97.4	
101	8.4	7.4	11.2	
130	15.7	13.0	19.4	



#20
3+4-Methylphenols
Concen: 39.94 ng
RT: 6.98 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	100.0	66.1	106.1	
77	35.0	139.3	179.3#	
79	33.9	11.9	51.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF081169.D

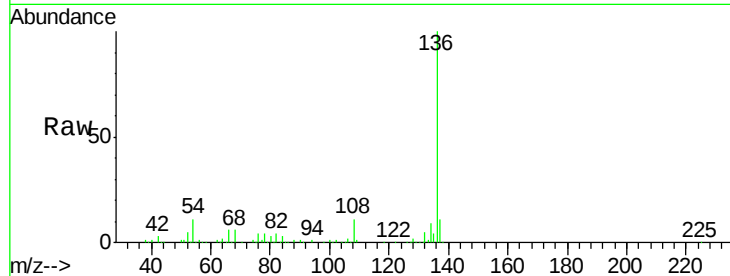
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

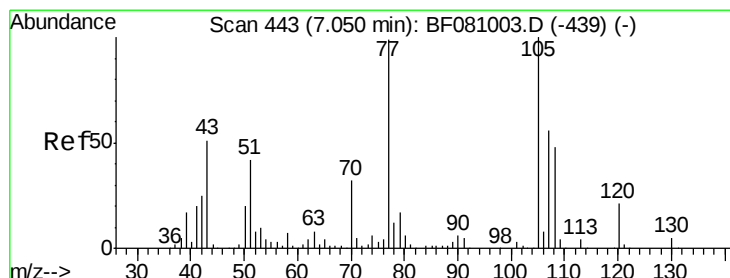
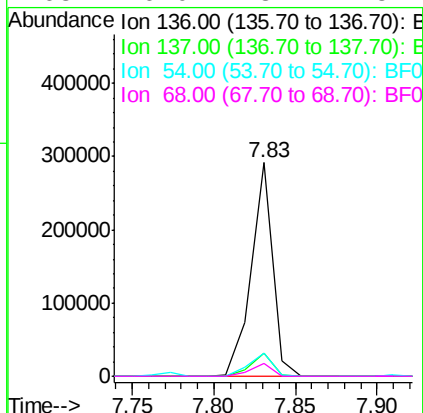
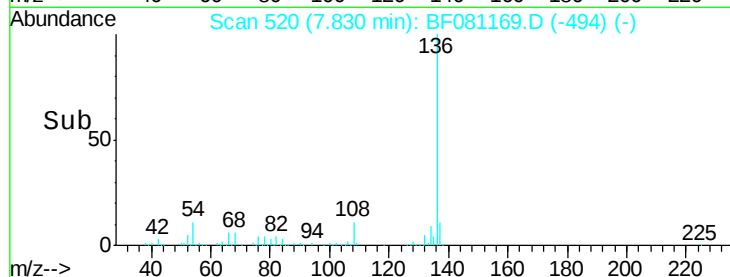
PB85067BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	266805		
137	10.9	8.2	12.2	
54	10.9	7.7	11.5	
68	6.0	3.4	5.2	

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#22

Acetophenone

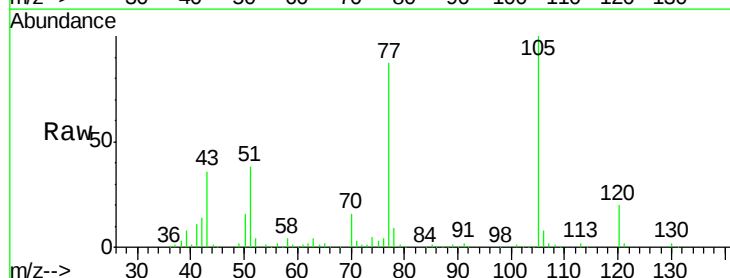
Concen: 37.41 ng

RT: 6.96 min Scan# 444

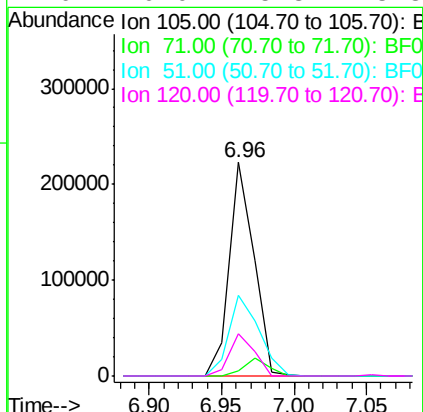
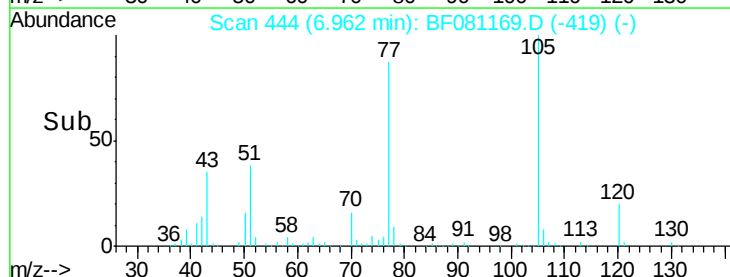
Delta R.T. -0.01 min

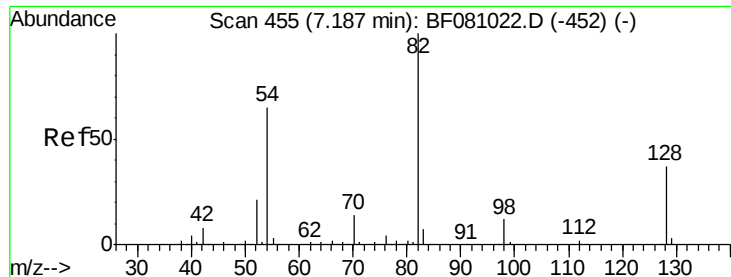
Lab File: BF081169.D

Acq: 24 Aug 2015 14:52



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262060		
71	2.7	3.0	4.6	
51	37.8	39.8	59.8	
120	20.0	15.8	23.8	





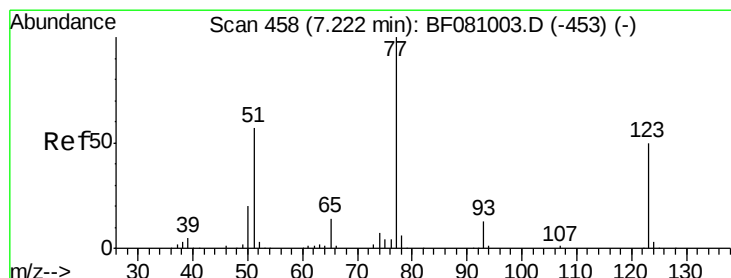
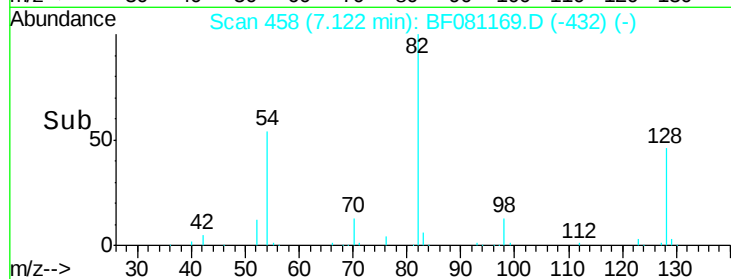
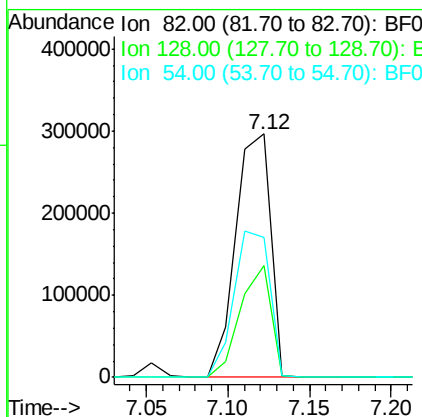
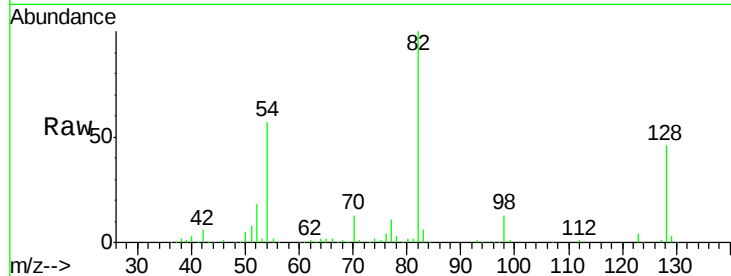
#23
 Nitrobenzene-d5
 Concen: 75.13 ng
 RT: 7.12 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.8	28.6	42.8#
54	57.3	55.1	82.7

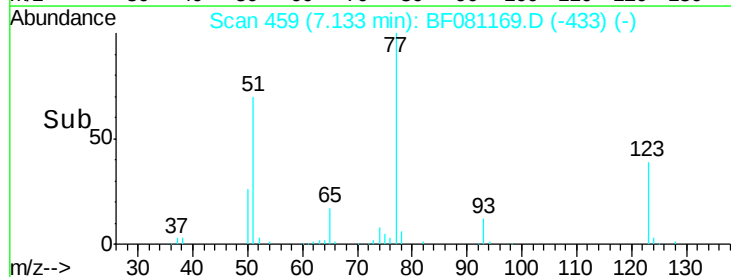
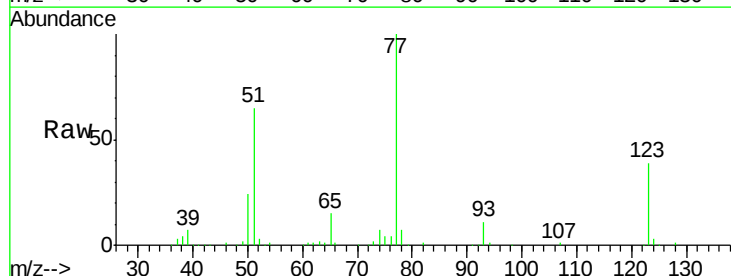
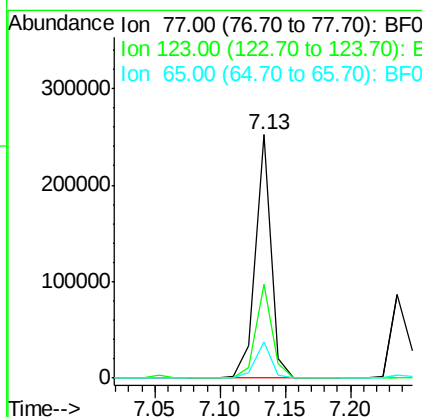
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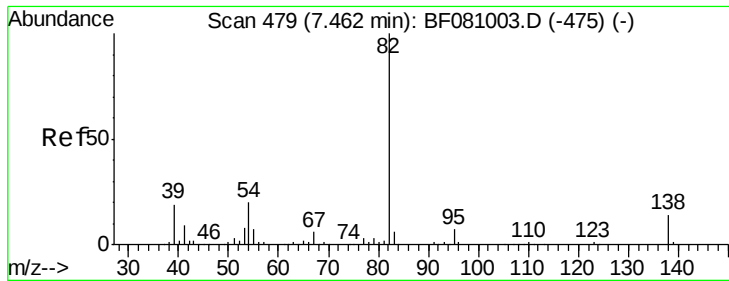
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#24
 Nitrobenzene
 Concen: 34.80 ng
 RT: 7.13 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	38.5	32.9	49.3
65	15.0	12.5	18.7





#25

Isophorone

Concen: 35.02 ng

RT: 7.38 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF081169.D

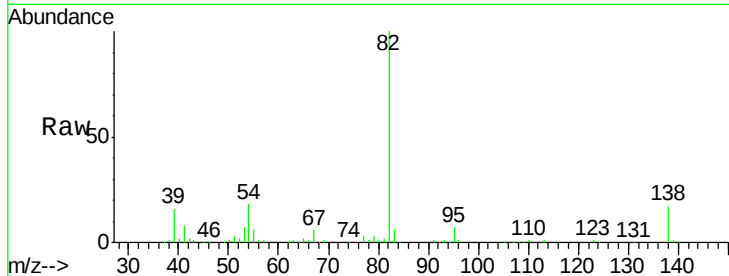
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

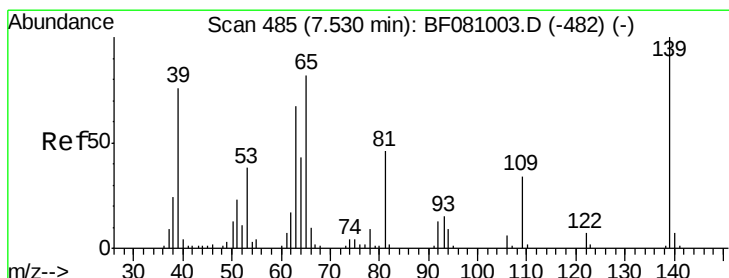
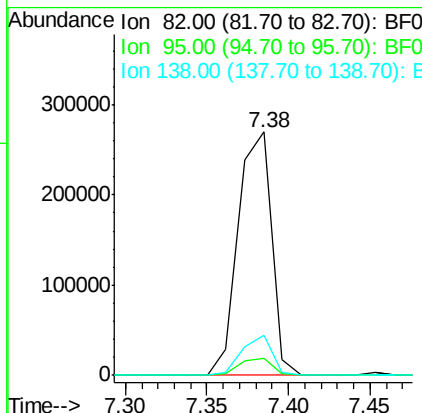
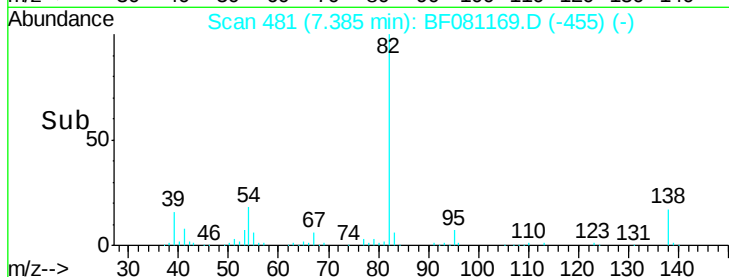
PB85067BS



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	381381		
95	7.2	6.2	9.2	
138	16.7	10.5	15.7#	

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#26

2-Nitrophenol

Concen: 40.09 ng

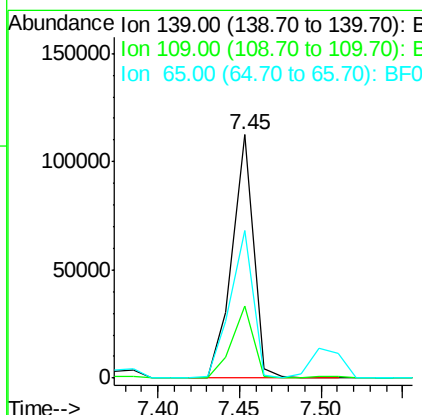
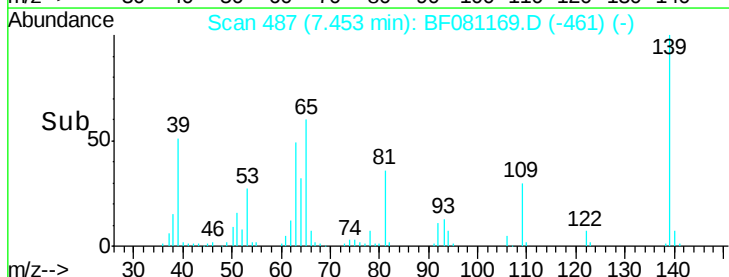
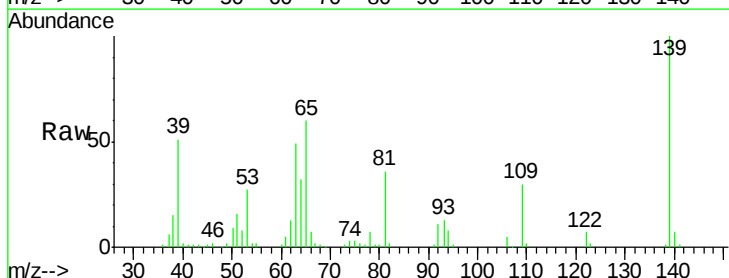
RT: 7.45 min Scan# 487

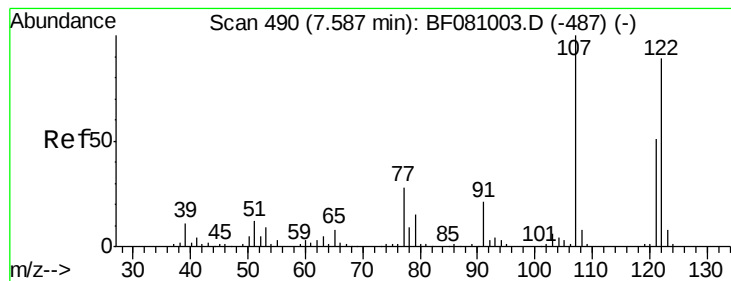
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	101813		
109	29.8	32.1	48.1#	
65	60.4	69.9	104.9#	





#27

2,4-Dimethylphenol

Concen: 37.90 ng

RT: 7.51 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081169.D

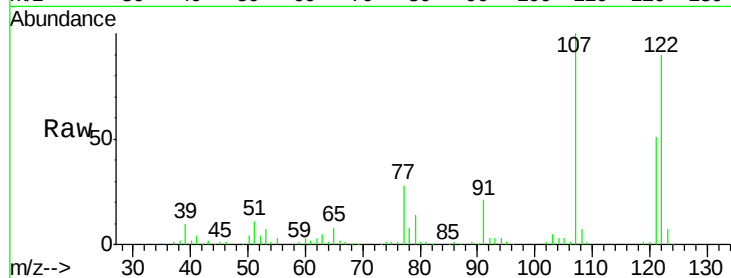
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

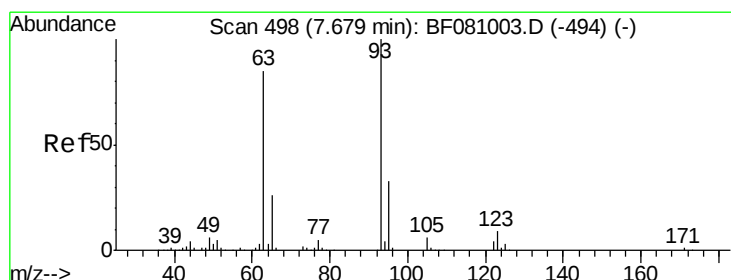
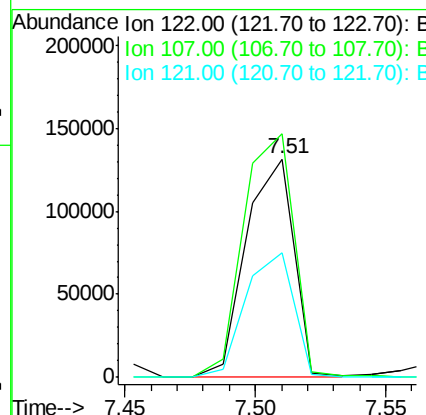
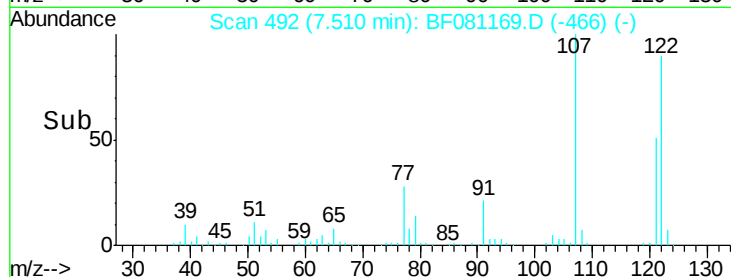
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Tgt Ion:	122	Resp:	170257
Ion Ratio	Lower	Upper	
122	100		
107	111.5	103.8	155.6
121	57.2	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 39.42 ng

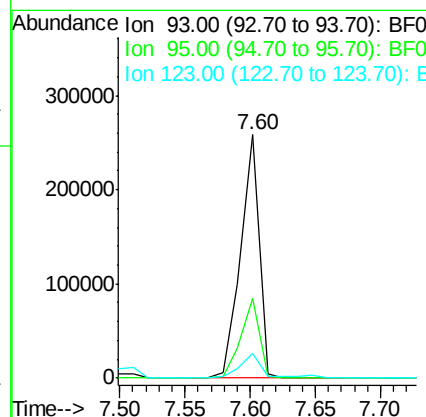
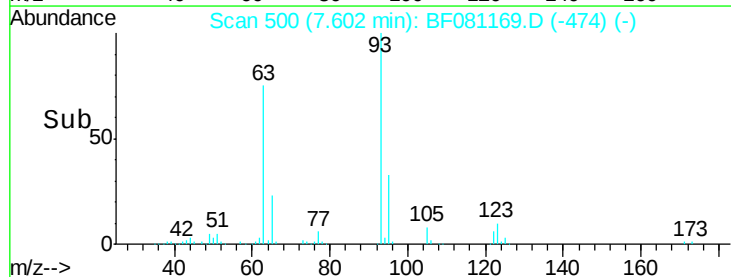
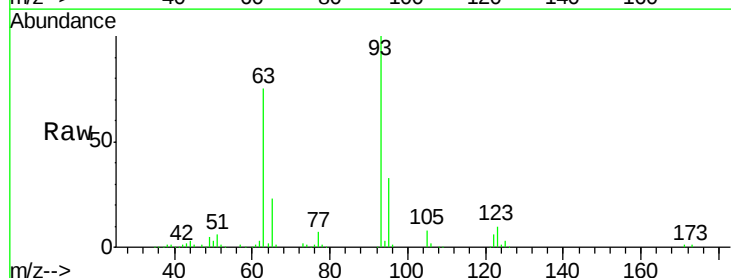
RT: 7.60 min Scan# 500

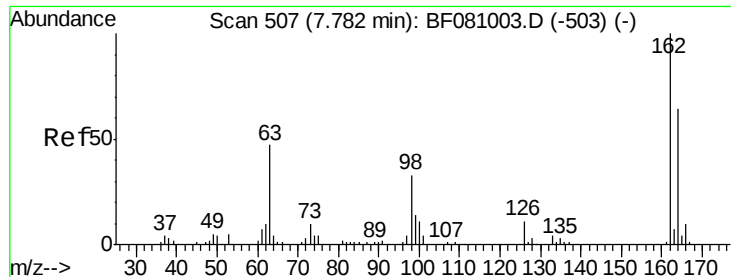
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	93	Resp:	253648
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.8
123	10.3	7.4	11.0





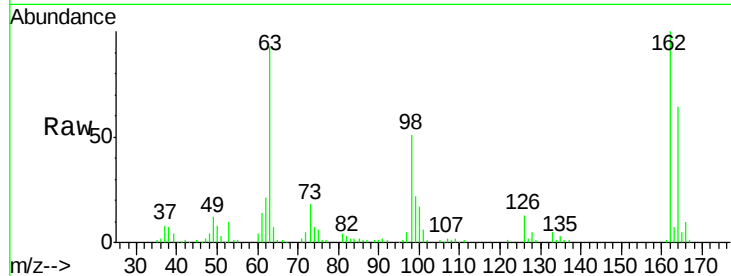
#29
2,4-Dichlorophenol
Concen: 36.34 ng
RT: 7.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

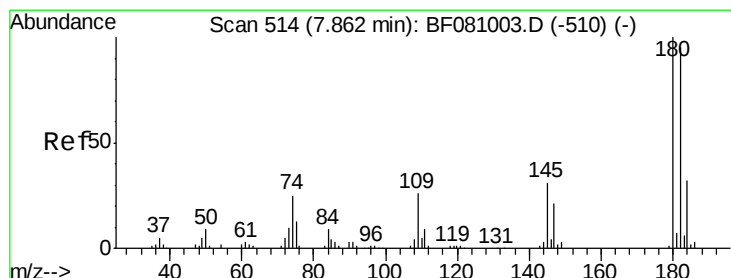
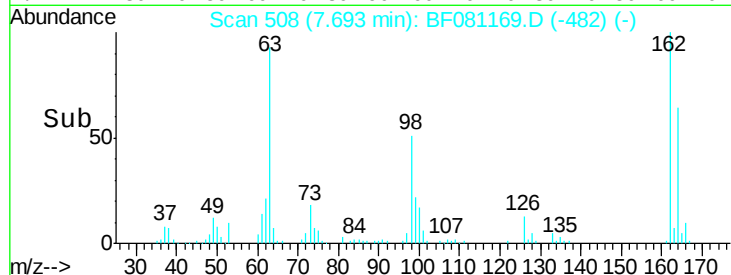
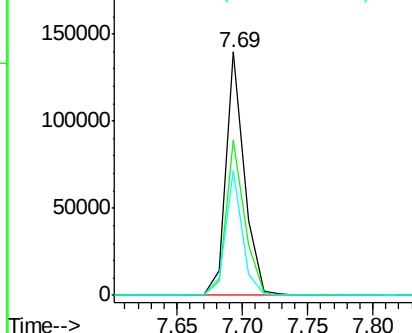
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	43.2	83.2
98	51.3	12.3	52.3

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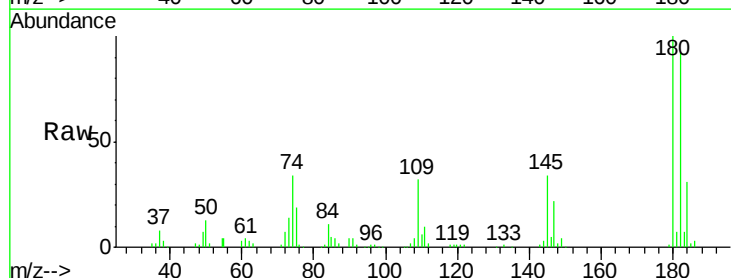


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

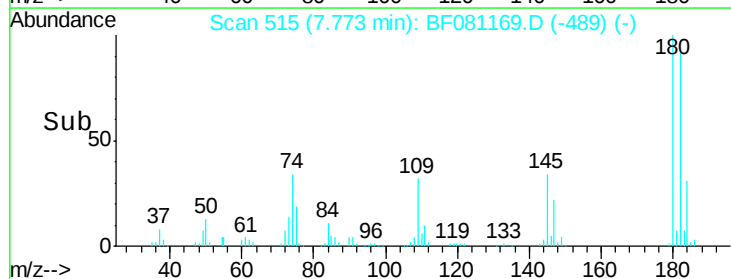
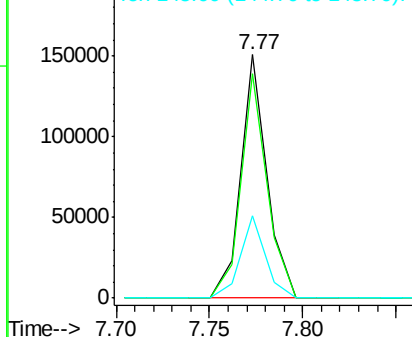


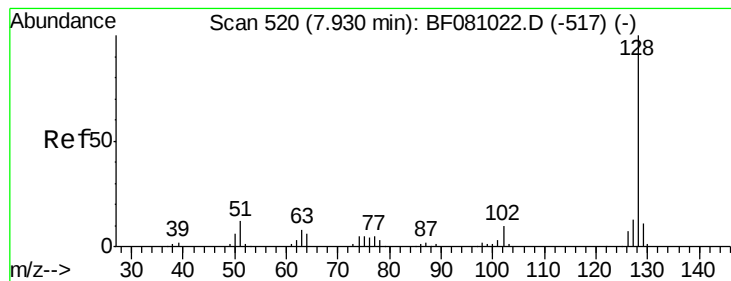
#30
1,2,4-Trichlorobenzene
Concen: 34.92 ng
RT: 7.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.0	76.4	114.6
145	34.0	25.4	38.2



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





#31

Naphthalene

Concen: 37.08 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

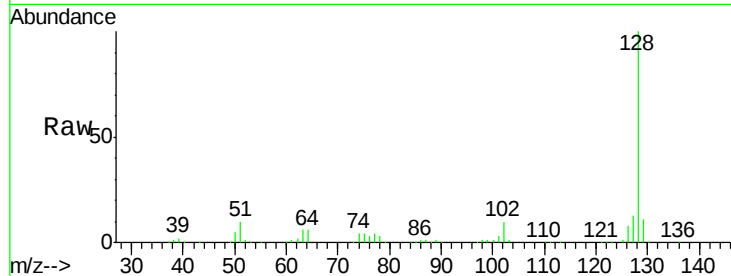
ClientSampleId :

PB85067BS

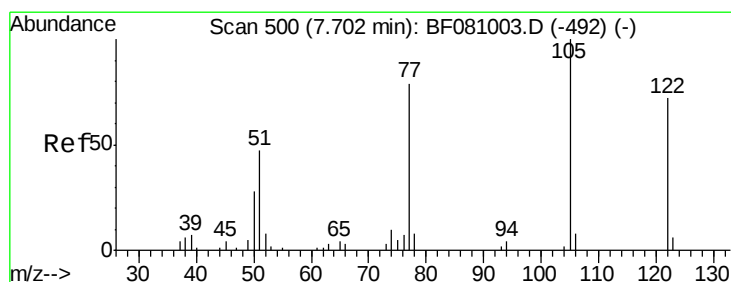
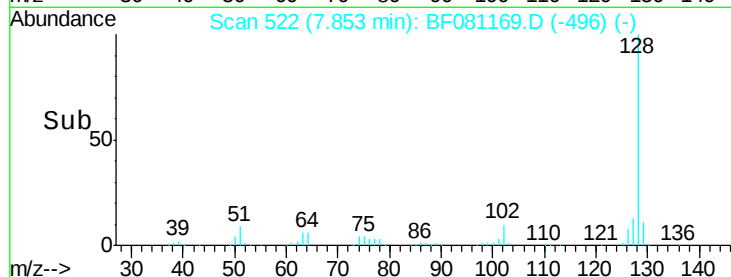
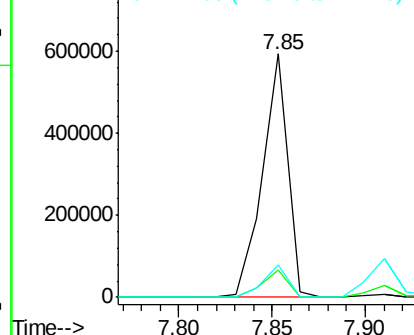
Tgt Ion:	128	Resp:	551506
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	13.3	10.6	16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.29 ng

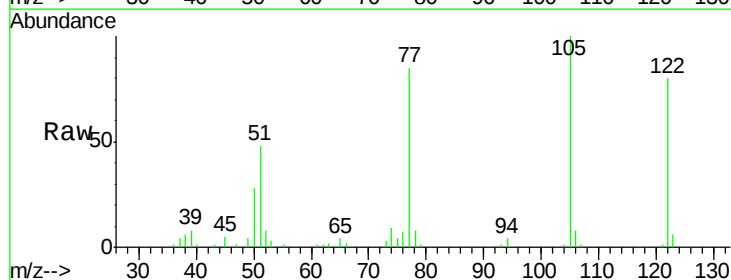
RT: 7.65 min Scan# 504

Delta R.T. 0.00 min

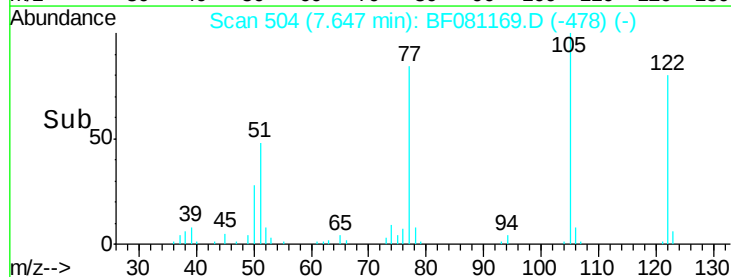
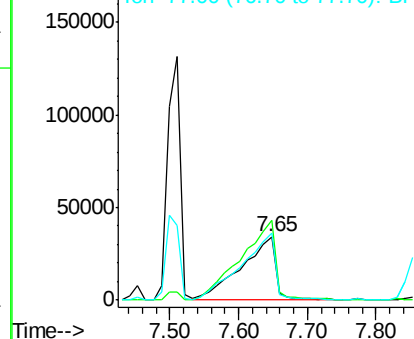
Lab File: BF081169.D

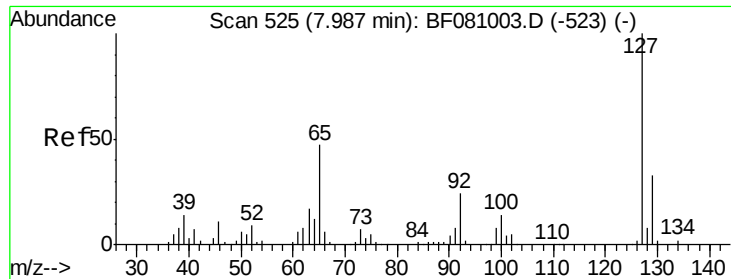
Acq: 24 Aug 2015 14:52

Tgt Ion:	122	Resp:	116981
Ion Ratio	Lower	Upper	
122	100		
105	125.6	113.8	153.8
77	106.4	93.8	133.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





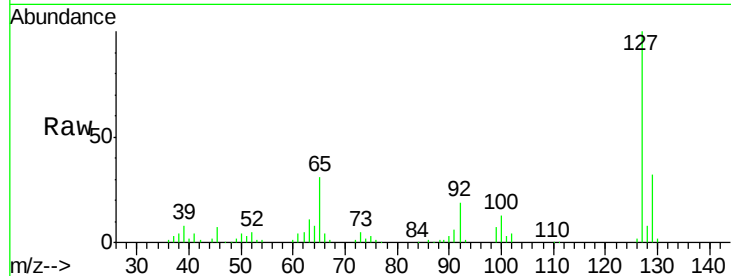
#33
4-Chloroaniline
Concen: 16.78 ng
RT: 7.91 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

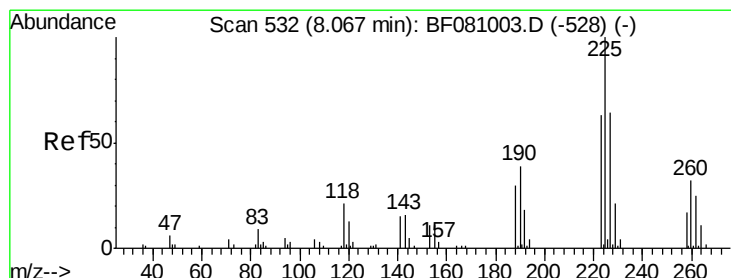
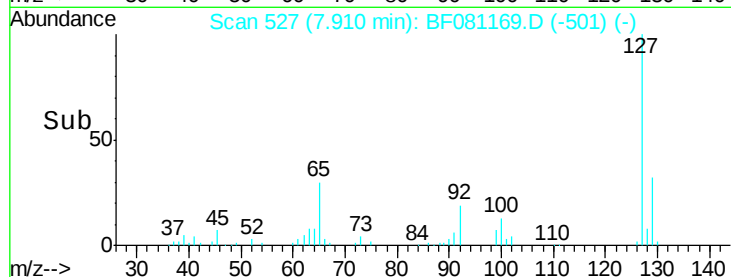
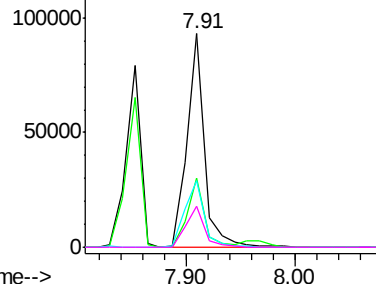
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	105267		
129	32.1	25.2	37.8	
65	31.2	37.8	56.6	
92	18.9	19.5	29.3	

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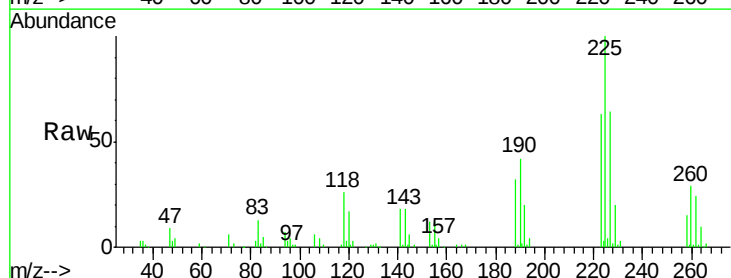


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

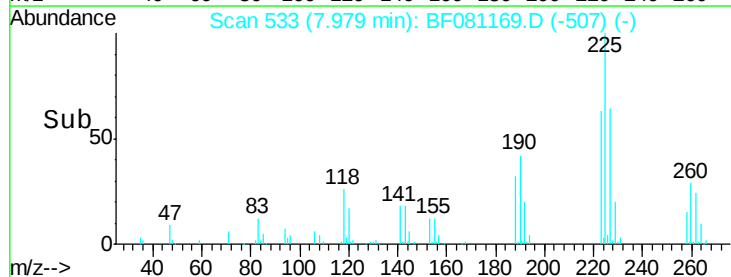
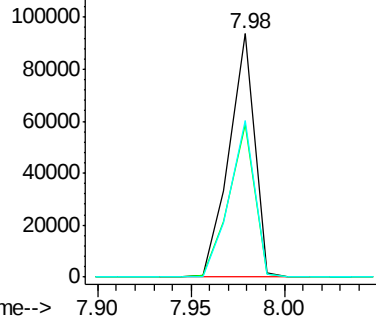


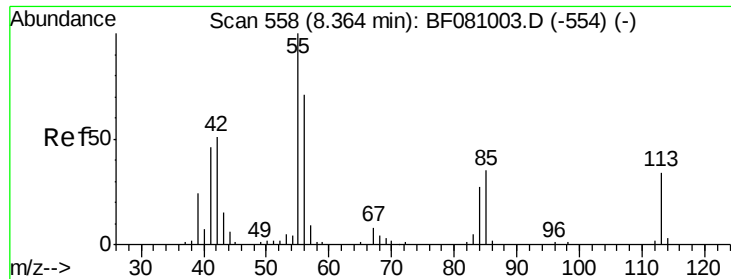
#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 7.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88533		
223	62.6	52.6	79.0	
227	64.2	51.1	76.7	



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





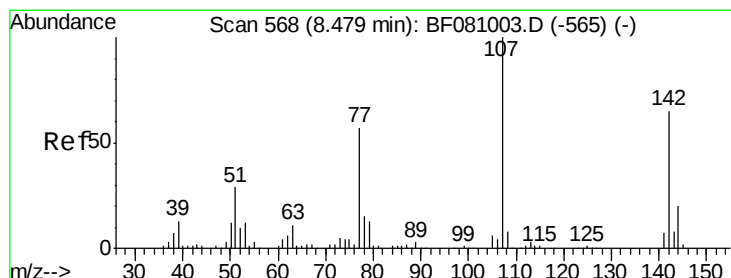
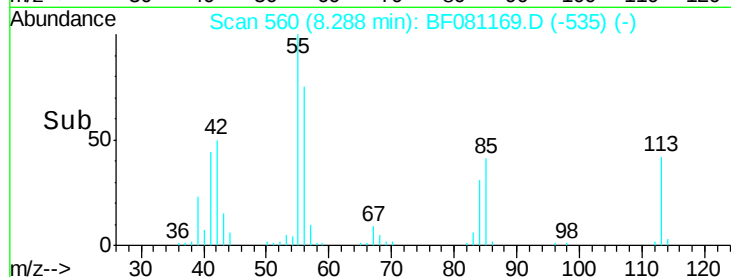
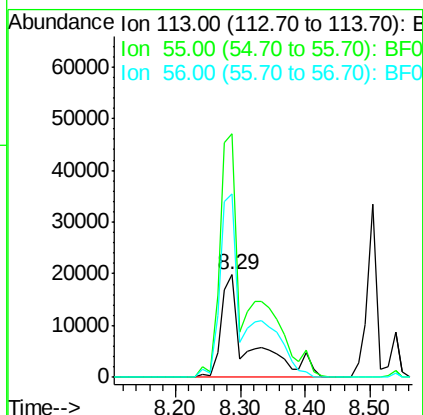
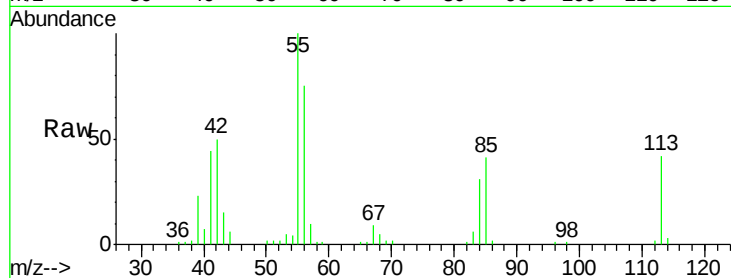
#35
 Caprolactam
 Concen: 44.03 ng m
 RT: 8.29 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion:113 Resp: 58205
 Ion Ratio Lower Upper
 113 100
 55 237.6 280.4 320.4#
 56 179.1 205.9 245.9#

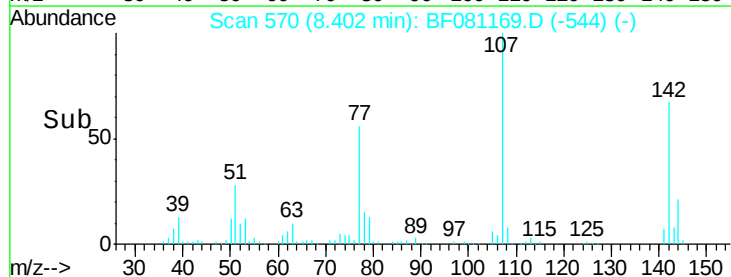
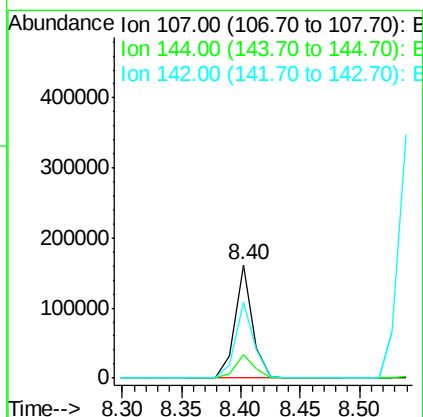
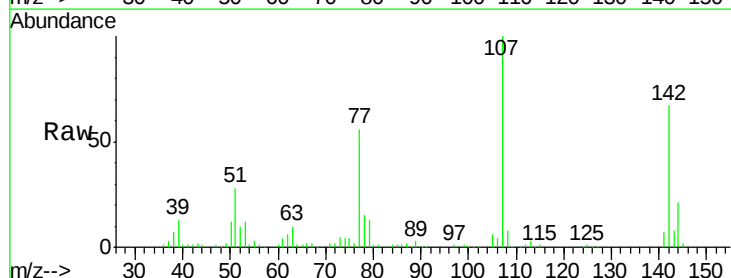
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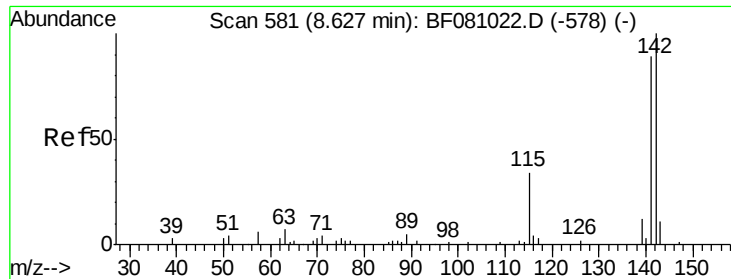
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#36
 4-Chloro-3-methylphenol
 Concen: 36.82 ng
 RT: 8.40 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

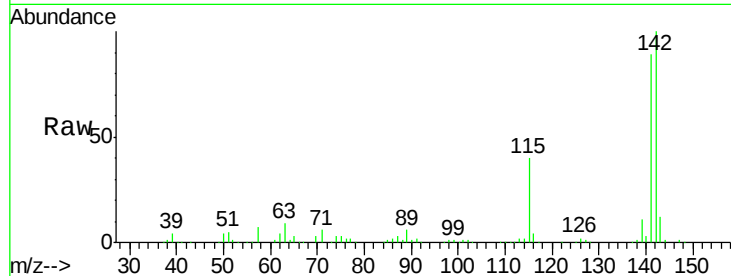
Tgt Ion:107 Resp: 166004
 Ion Ratio Lower Upper
 107 100
 144 20.8 17.2 25.8
 142 67.0 54.9 82.3





#37
 2-Methylnaphthalene
 Concen: 34.95 ng
 RT: 8.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

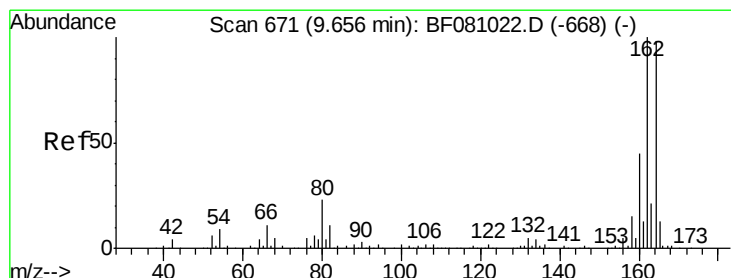
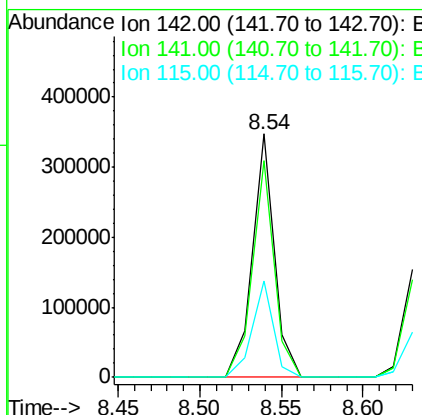
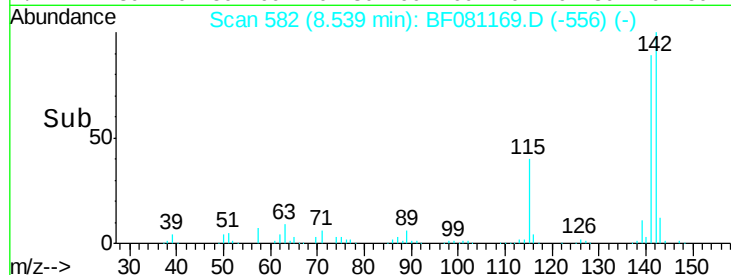
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	328316		
141	89.2	71.4	107.2	
115	39.6	33.4	50.0	

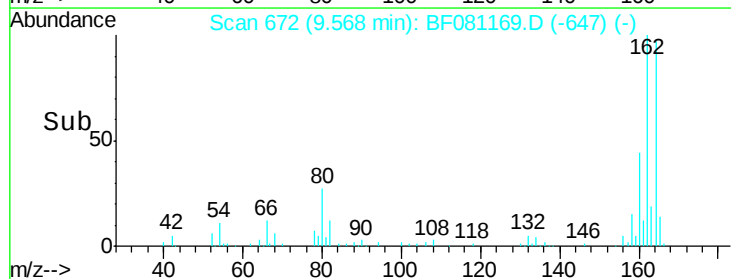
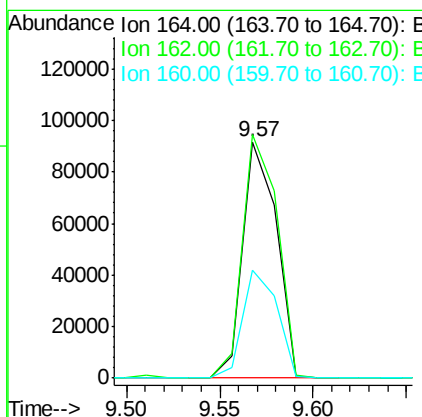
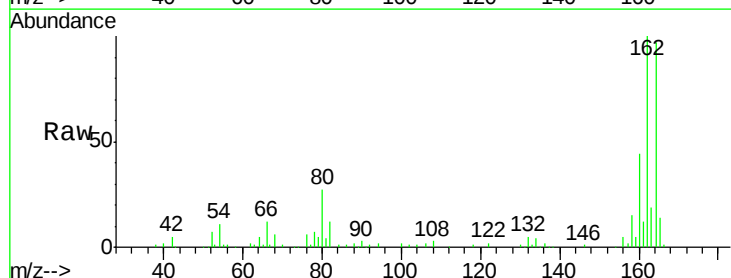
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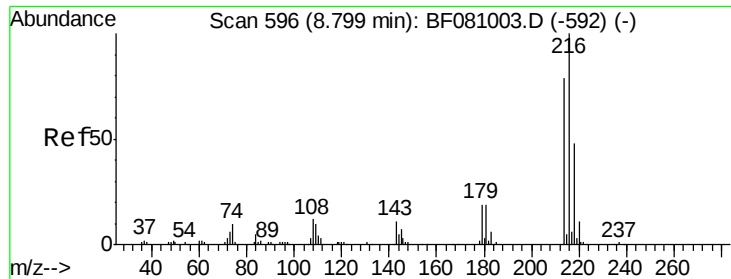
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	115267		
162	103.0	83.8	125.8	
160	45.5	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.68 ng

RT: 8.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

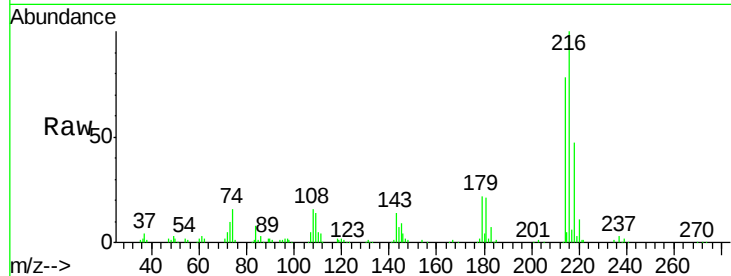
ClientSampleId :

PB85067BS

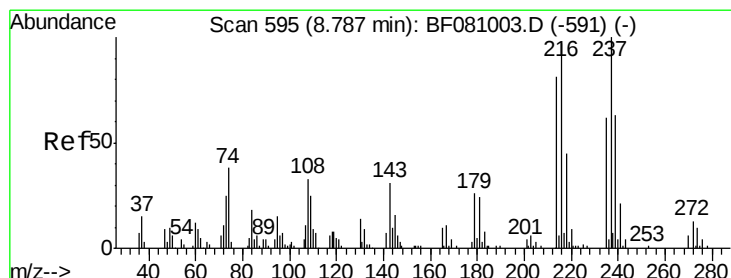
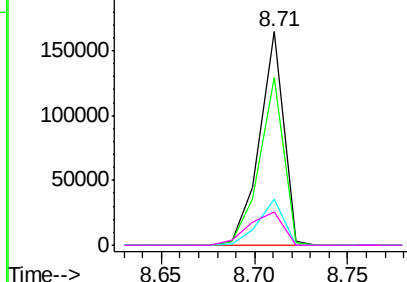
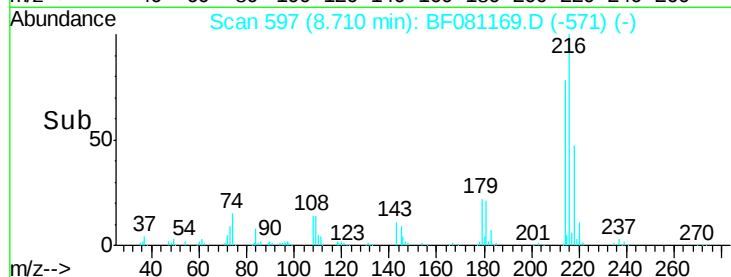
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	147564		
214	78.9	63.8	95.8	
179	22.9	17.8	26.8	
108	22.6	16.2	24.2	



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.88 ng

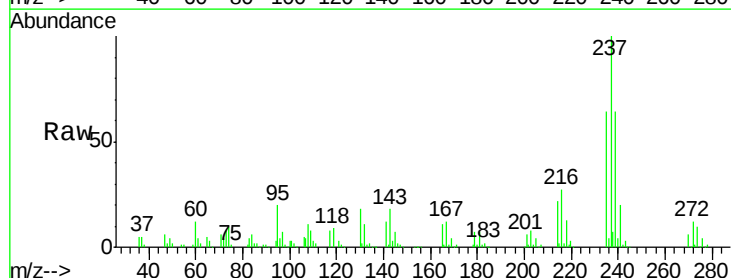
RT: 8.70 min Scan# 596

Delta R.T. 0.00 min

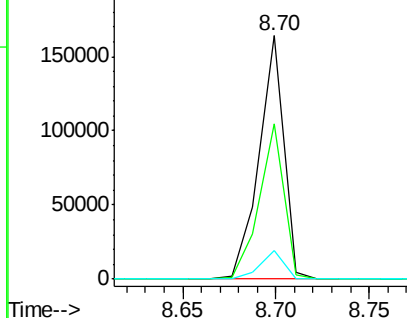
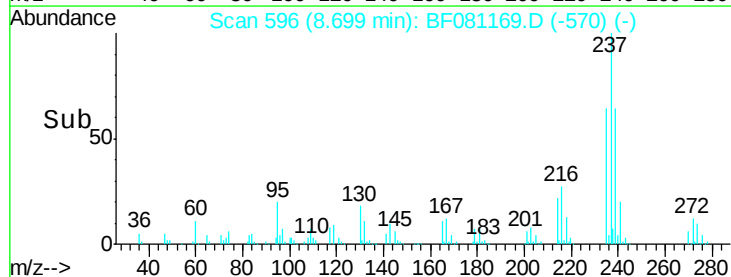
Lab File: BF081169.D

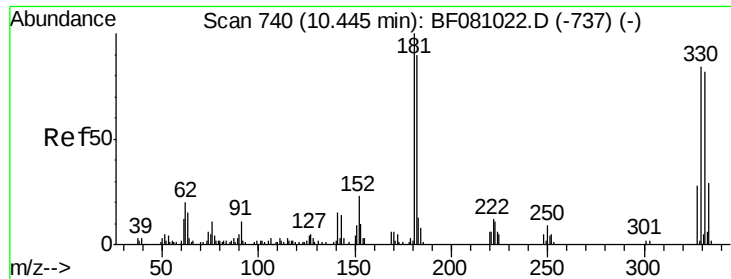
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	149911		
235	63.6	43.6	83.6	
272	11.6	0.0	32.2	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





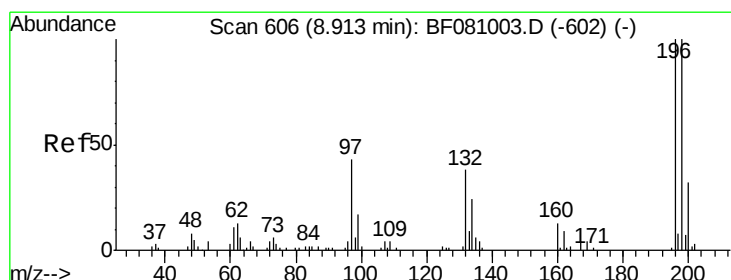
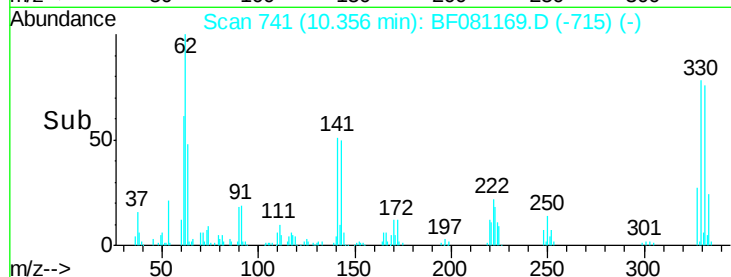
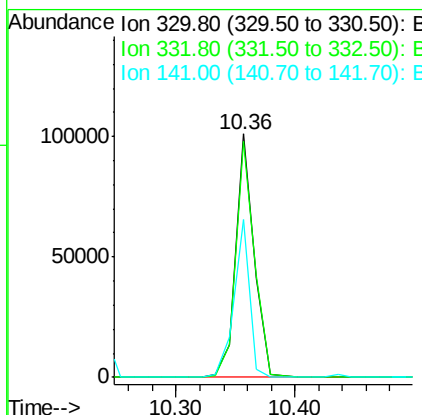
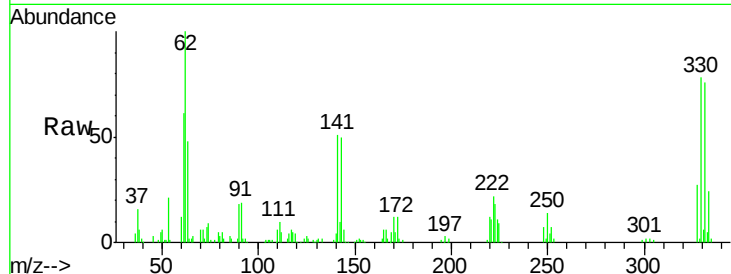
#41
 2,4,6-Tribromophenol
 Concen: 109.13 ng
 RT: 10.36 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampled :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	109041		
332	98.1	77.3	115.9	
141	55.3	44.9	67.3	

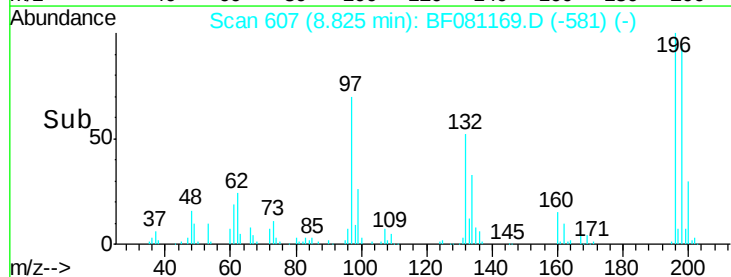
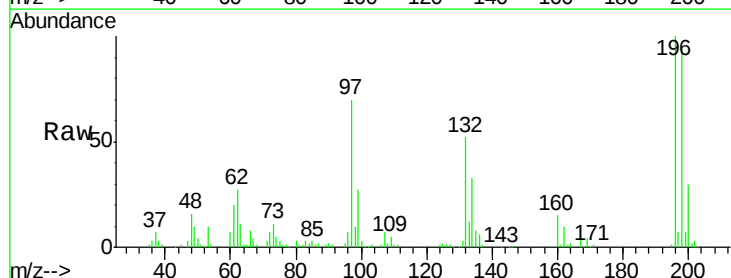
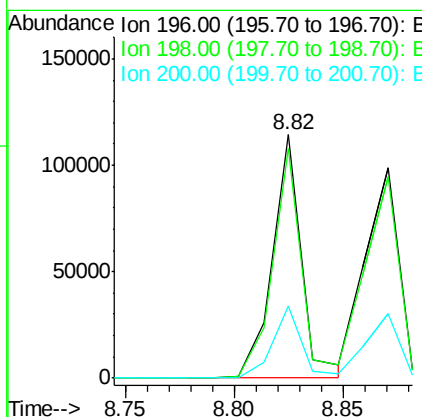
Manual Integrations
 APPROVED

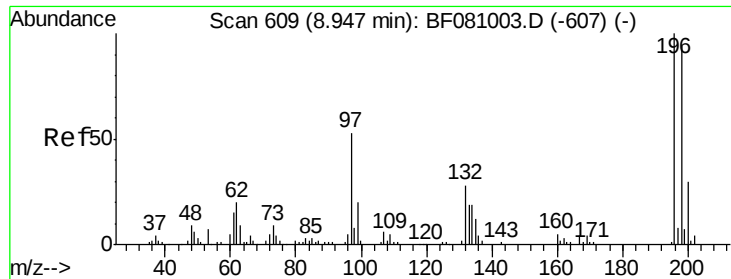
MMDadoda
 8/24/2015 7:10:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.81 ng
 RT: 8.82 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107220		
198	94.5	74.6	111.8	
200	29.7	22.7	34.1	





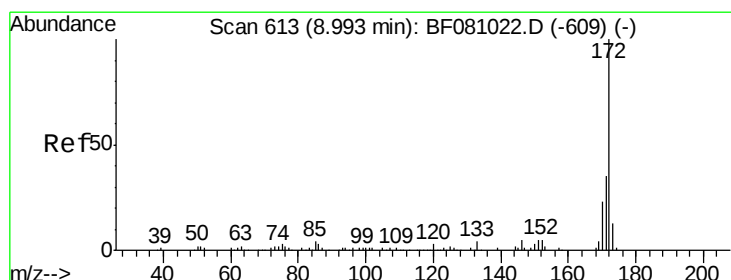
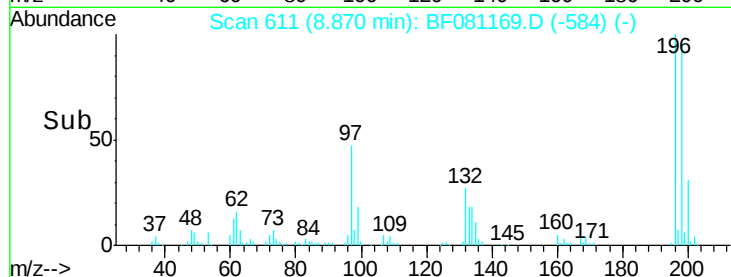
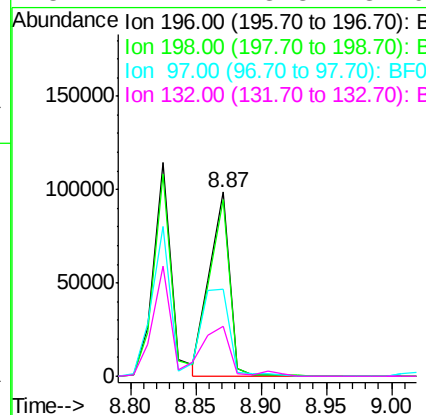
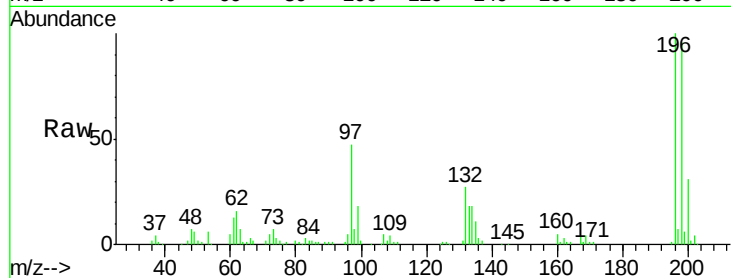
#43
 2,4,5-Trichlorophenol
 Concen: 41.01 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Resp	Lower	Upper
196	107692		
196	100		
198	95.7	78.3	117.5
97	47.0	42.7	64.1
132	27.1	23.3	34.9

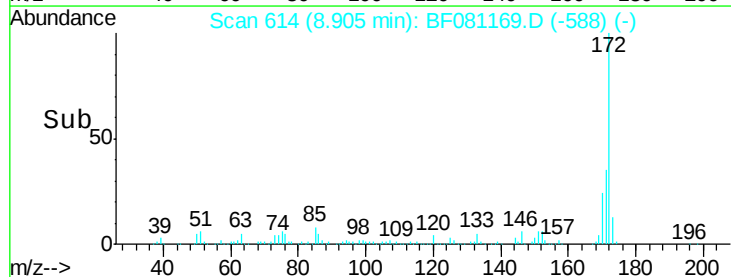
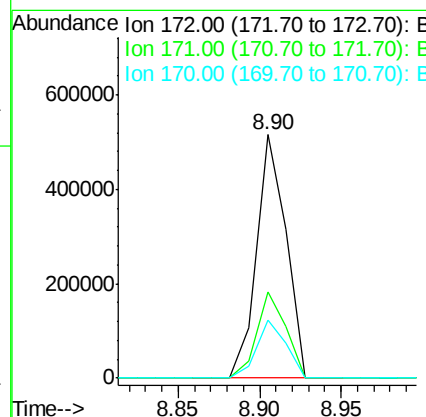
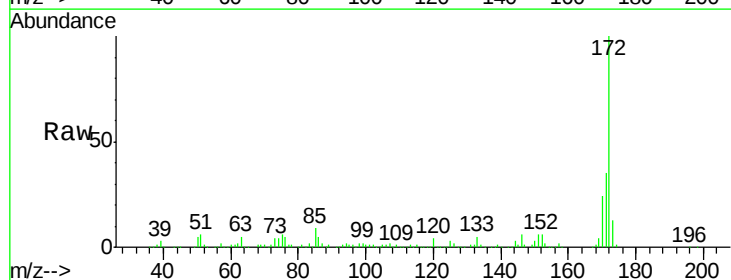
Manual Integrations
 APPROVED

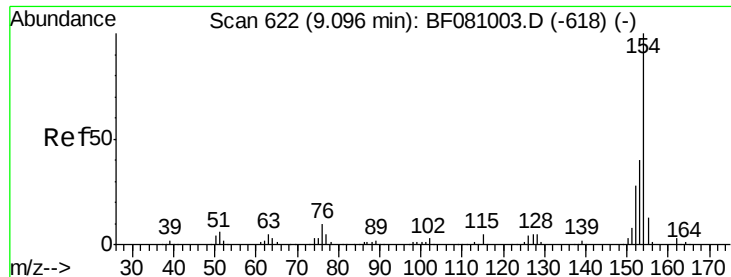
MMDadoda
 8/24/2015 7:10:57 PM



#44
 2-Fluorobiphenyl
 Concen: 73.53 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Resp	Lower	Upper
172	646819		
172	100		
171	35.4	28.9	43.3
170	23.9	19.4	29.2





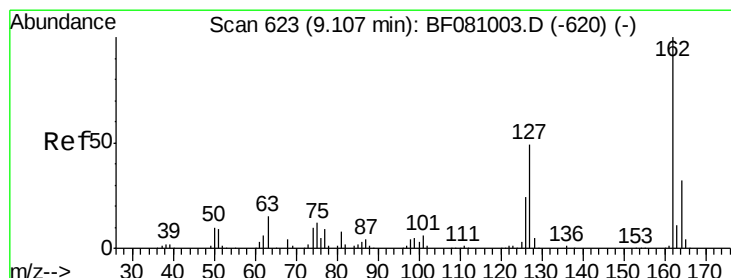
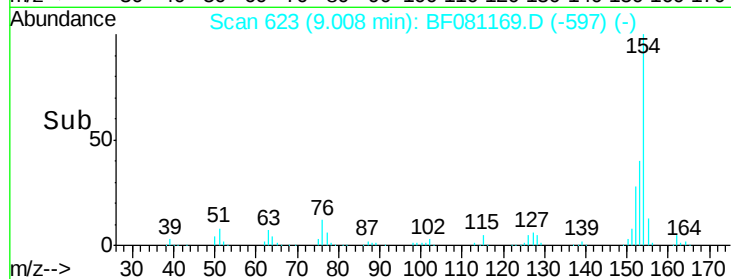
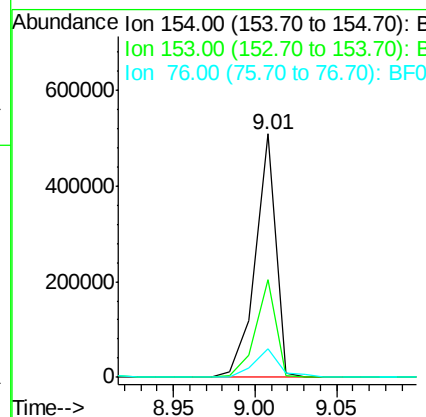
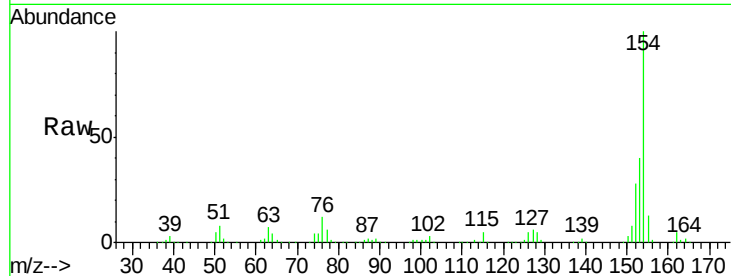
#45
1,1'-Biphenyl
Concen: 43.71 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.8	0.0	29.3

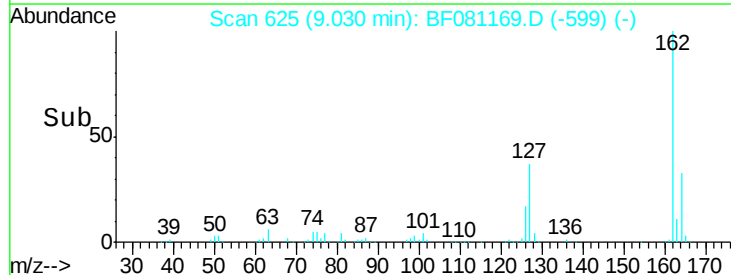
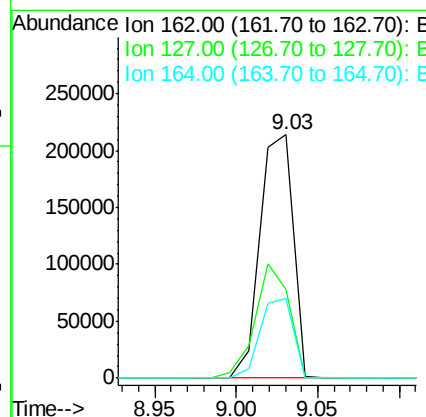
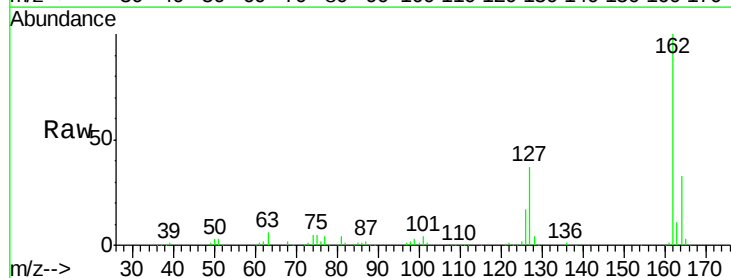
Manual Integrations
APPROVED

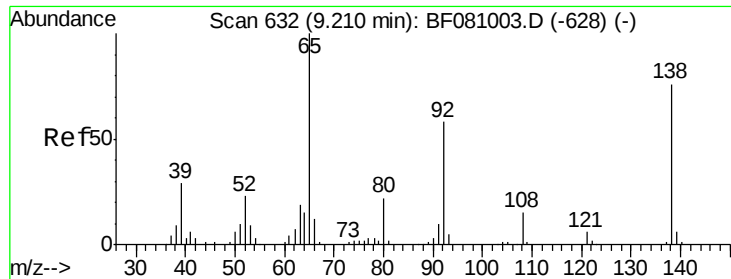
MMDadoda
8/24/2015 7:10:57 PM



#46
2-Chloronaphthalene
Concen: 37.18 ng
RT: 9.03 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.6	31.3	46.9
164	33.0	26.3	39.5





#47

2-Nitroaniline

Concen: 37.47 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF081169.D

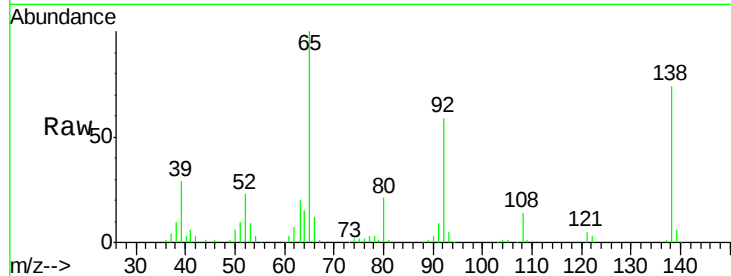
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

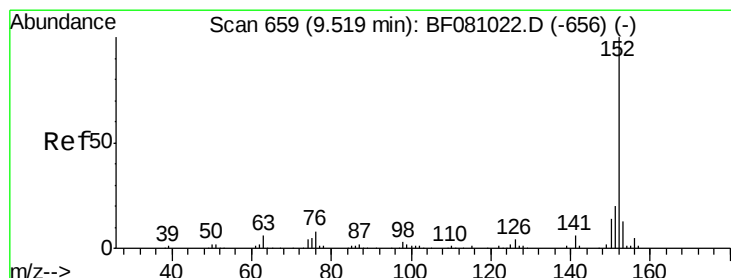
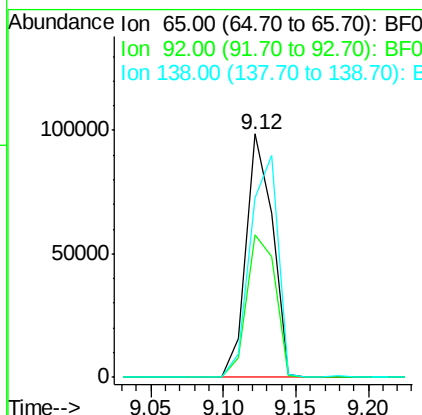
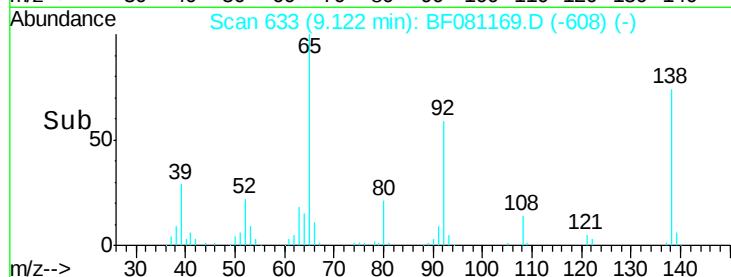
PB85067BS



Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.6	45.6	68.4
138	73.6	57.9	86.9

Manual Integrations
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8/24/2015 7:10:57 PM



#48

Acenaphthylene

Concen: 33.65 ng

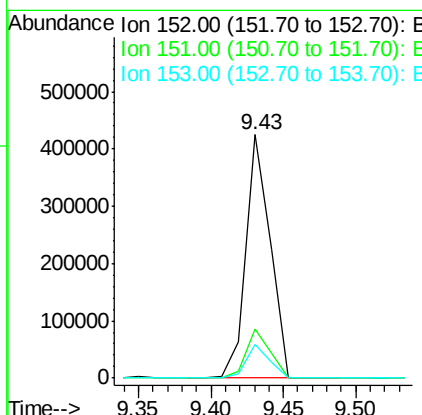
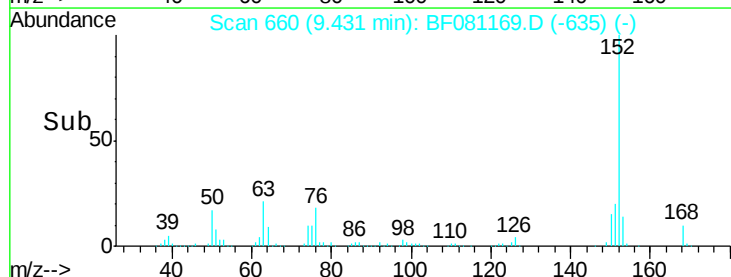
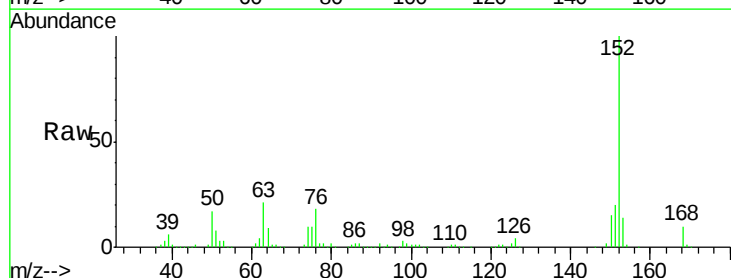
RT: 9.43 min Scan# 660

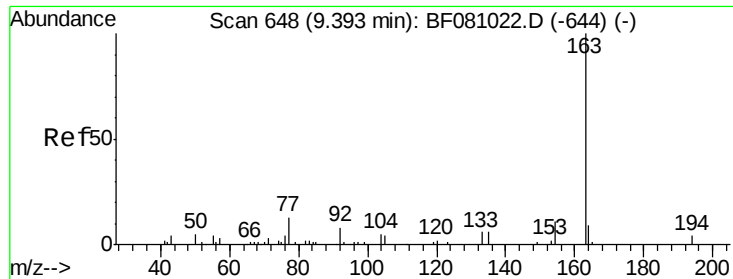
Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.6	9.8	14.6





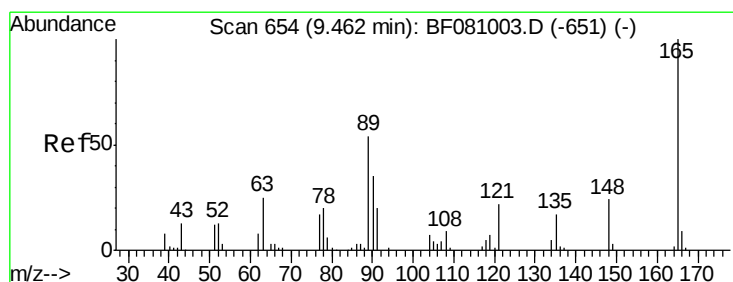
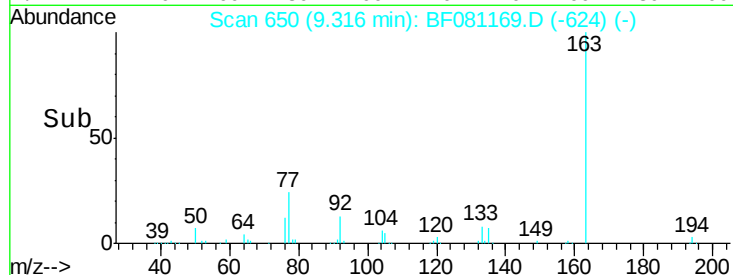
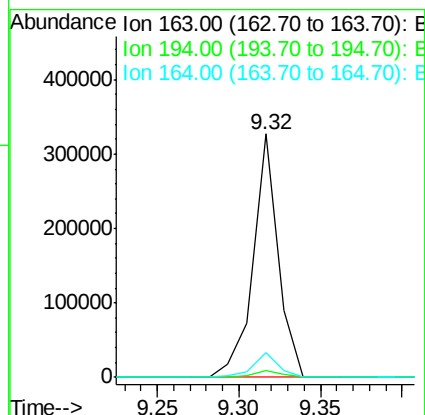
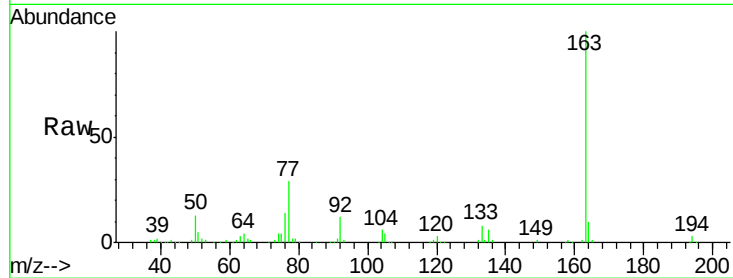
#49
Dimethylphthalate
Concen: 36.63 ng
RT: 9.32 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	347748		
194	3.0	2.5	3.7	
164	10.4	8.1	12.1	

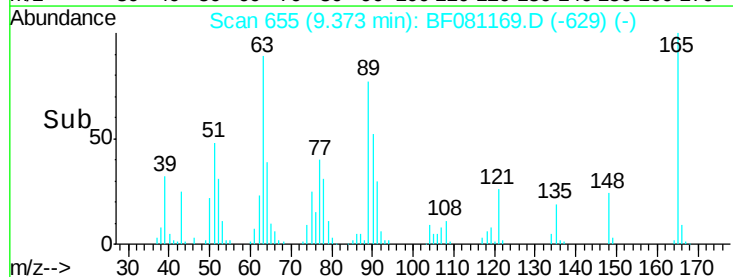
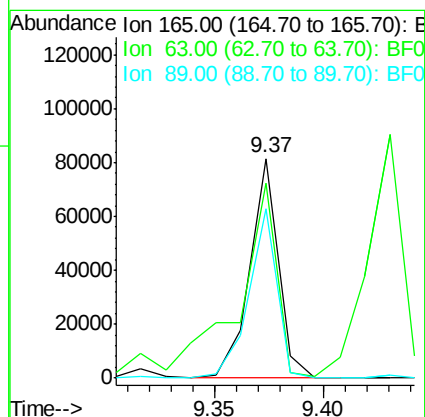
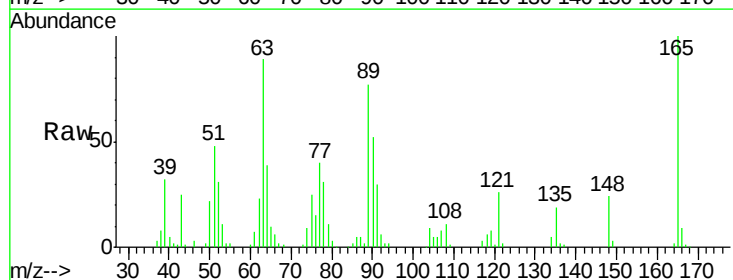
Manual Integrations
APPROVED

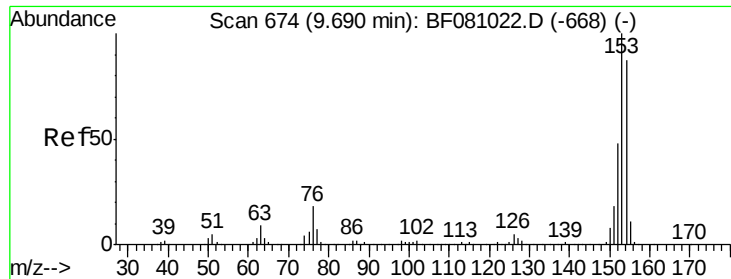
MMDadoda
8/24/2015 7:10:57 PM



#50
2,6-Dinitrotoluene
Concen: 36.54 ng
RT: 9.37 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	74468		
63	88.6	49.5	74.3#	
89	77.3	47.6	71.4#	





#51

Acenaphthene

Concen: 33.10 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

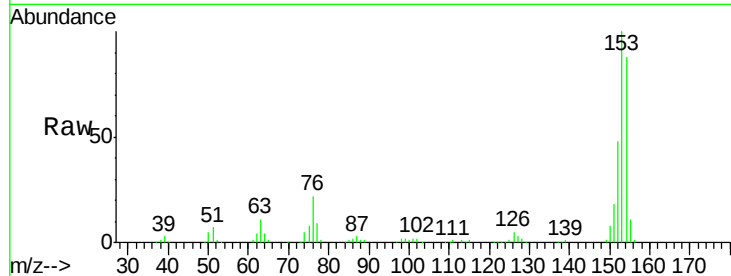
ClientSampleId :

PB85067BS

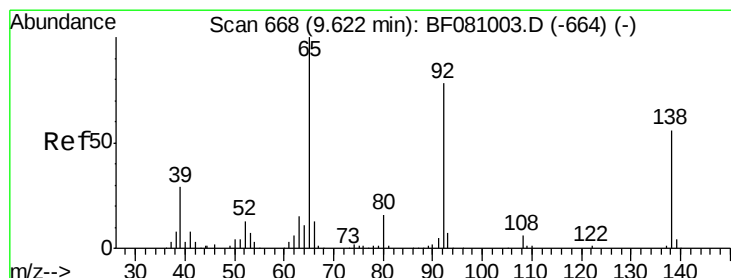
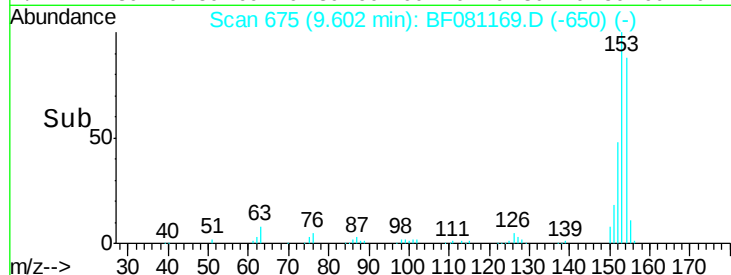
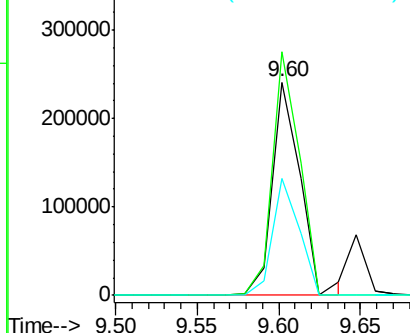
Tgt Ion:	154	Resp:	289151
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.4	137.2
152	54.7	43.7	65.5

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.58 ng

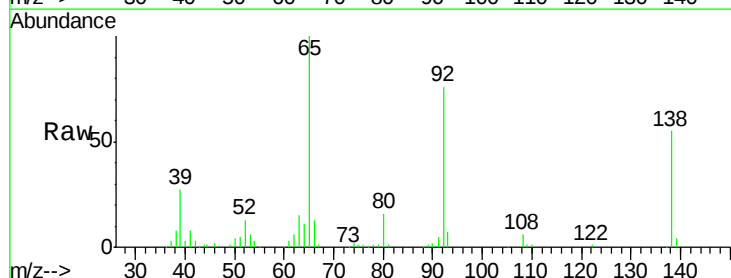
RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

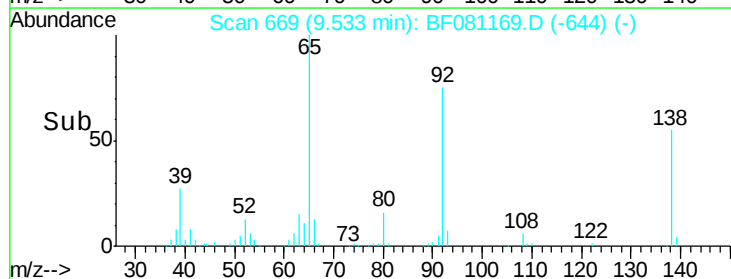
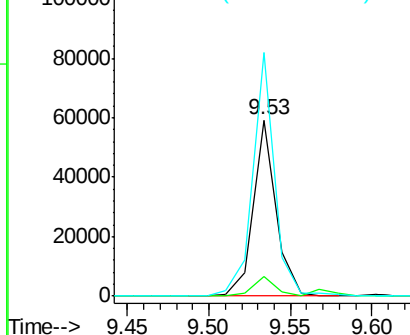
Lab File: BF081169.D

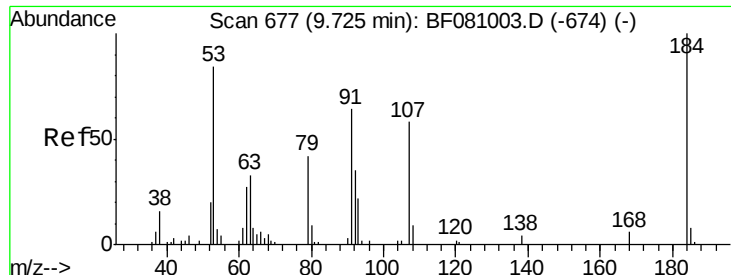
Acq: 24 Aug 2015 14:52

Tgt Ion:	138	Resp:	57598
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.2
92	138.0	113.2	169.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





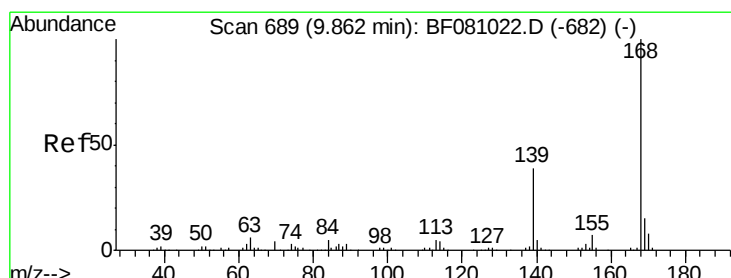
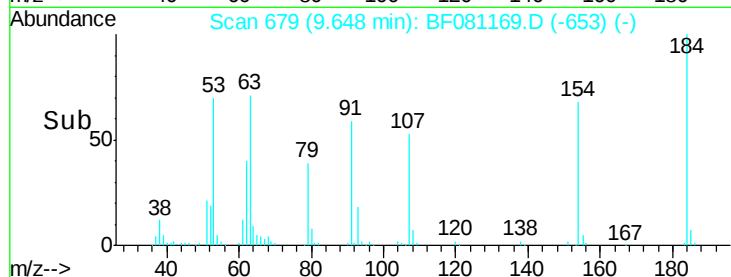
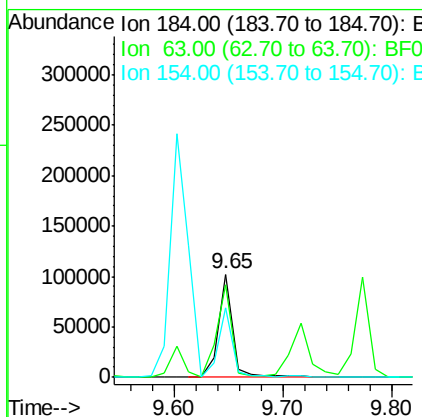
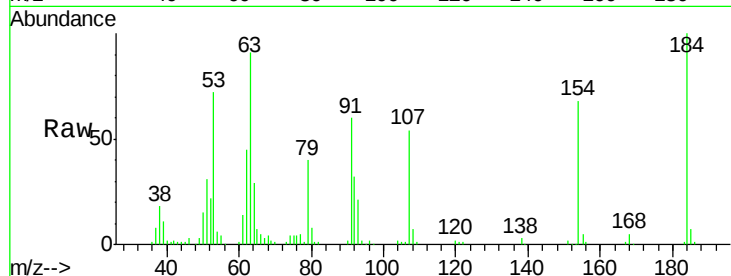
#53
2,4-Dinitrophenol
Concen: 83.07 ng
RT: 9.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:184 Resp: 95428
Ion Ratio Lower Upper
184 100
63 90.6 101.7 152.5#
154 67.7 67.4 101.0

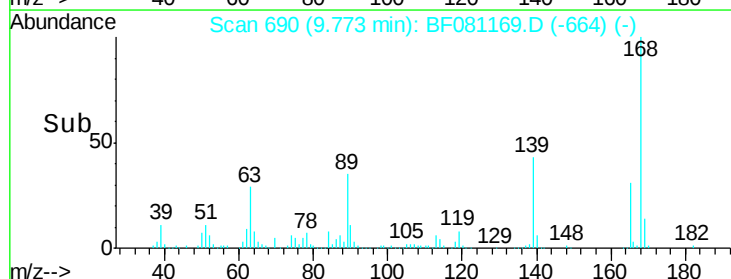
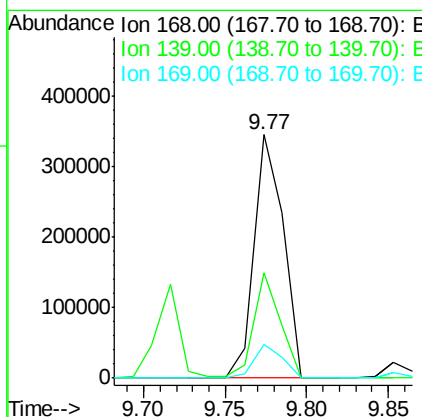
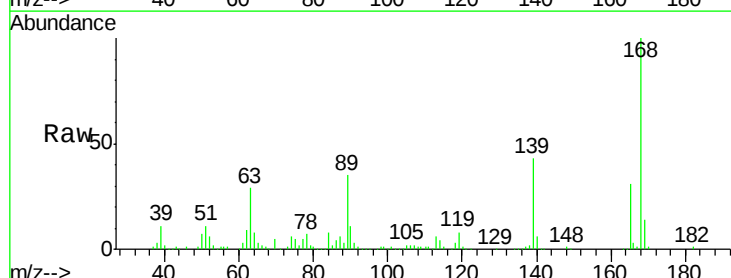
Manual Integrations
APPROVED

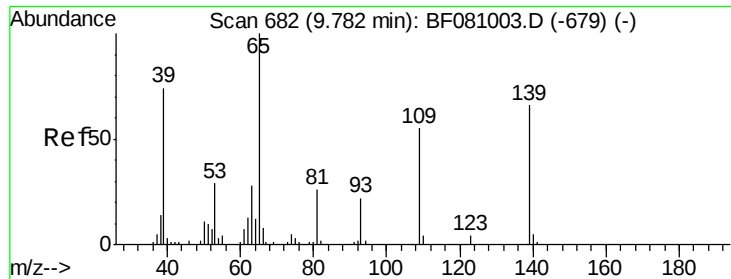
MMDadoda
8/24/2015 7:10:57 PM



#54
Dibenzofuran
Concen: 36.68 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:168 Resp: 429354
Ion Ratio Lower Upper
168 100
139 43.4 29.3 43.9
169 13.8 10.3 15.5





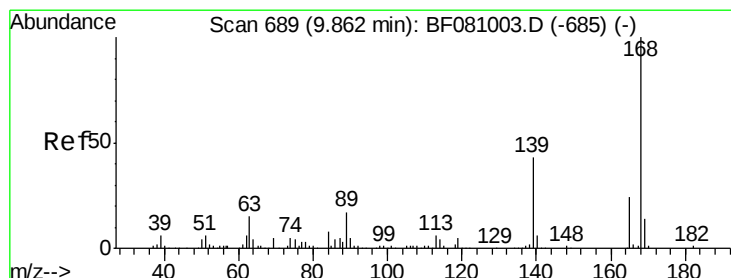
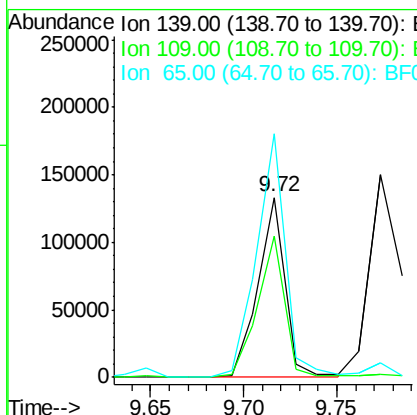
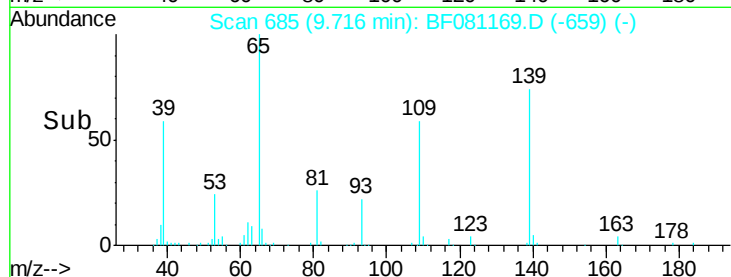
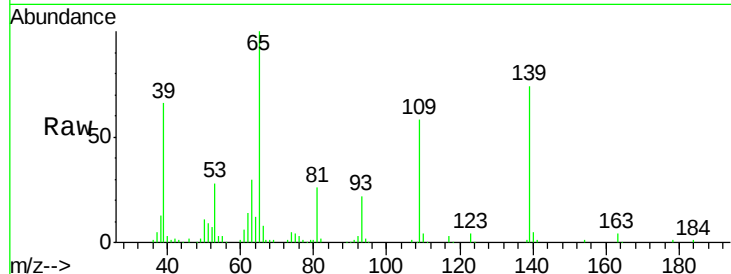
#55
4-Nitrophenol
Concen: 74.69 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	133799		
109	78.9	80.0	120.0#	
65	135.6	138.3	178.3#	

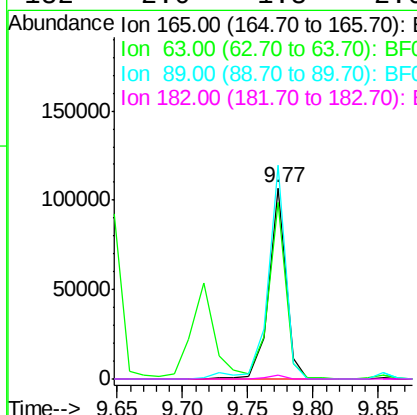
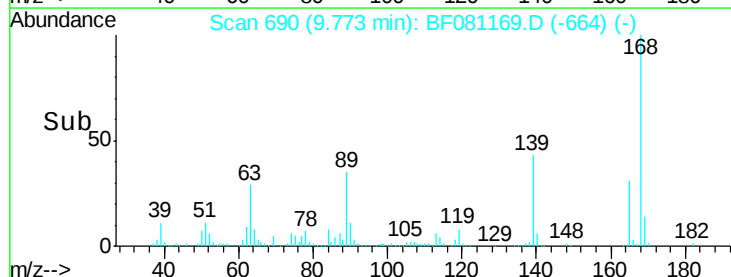
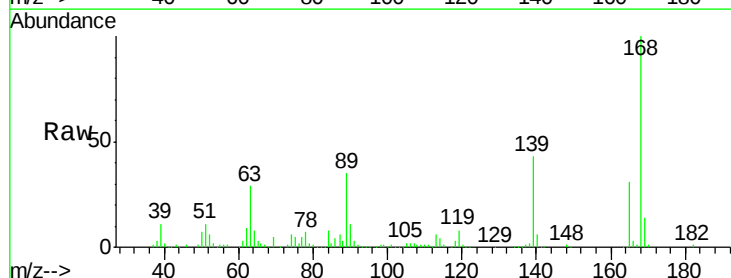
Manual Integrations
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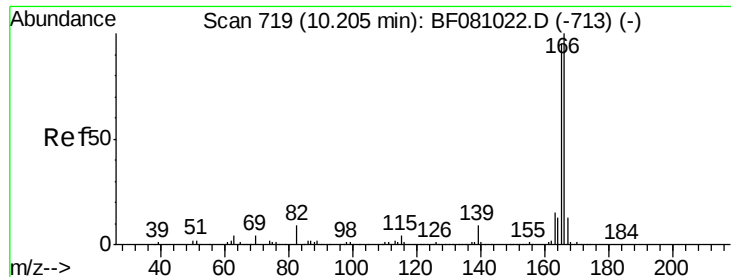
MMDadoda
8/24/2015 7:10:57 PM



#56
2,4-Dinitrotoluene
Concen: 36.72 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99185		
63	92.9	52.2	78.4#	
89	111.9	60.1	90.1#	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 37.19 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

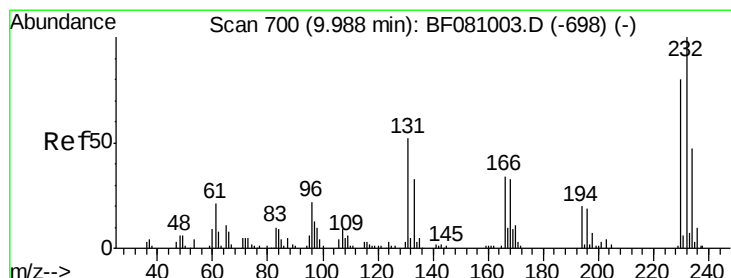
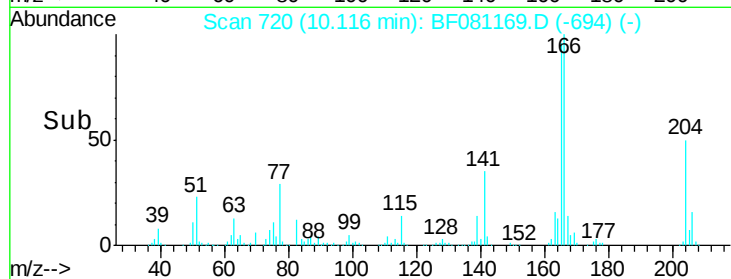
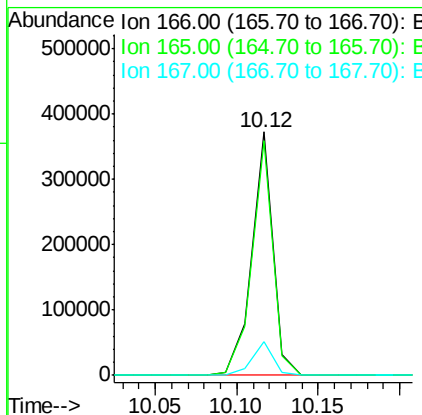
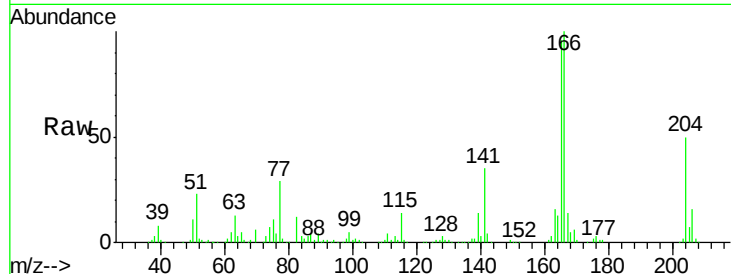
ClientSampleId :

PB85067BS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	334882		
165	96.3	75.8	113.8	
167	13.9	11.3	16.9	



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.59 ng m

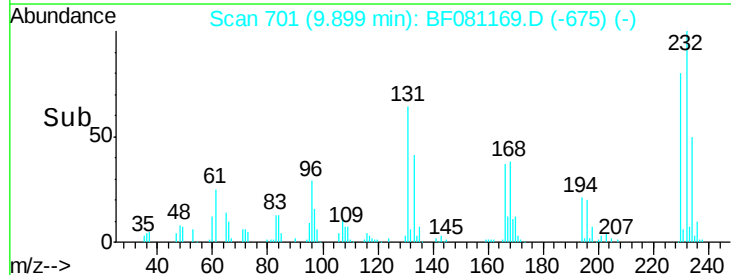
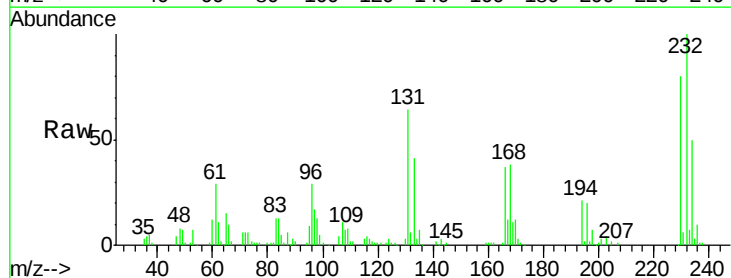
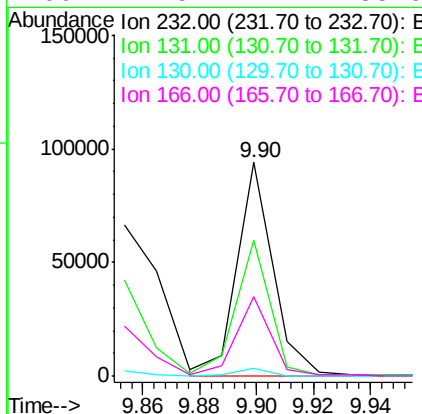
RT: 9.90 min Scan# 701

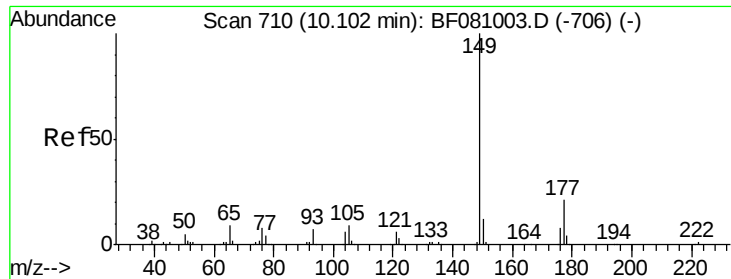
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	82491		
131	49.4	42.2	63.4	
130	2.5	2.1	3.1	
166	27.5	22.4	33.6	





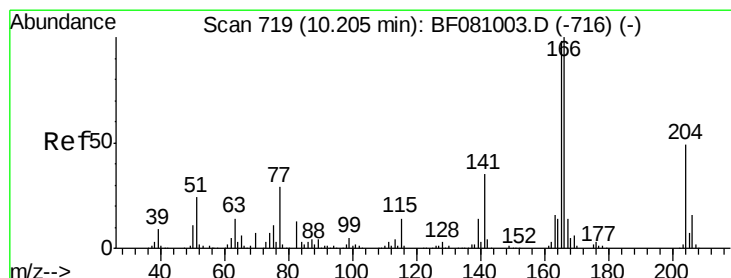
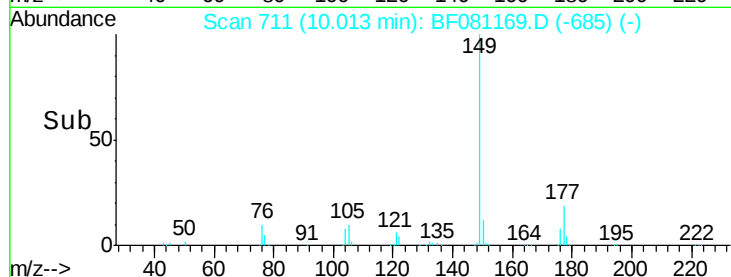
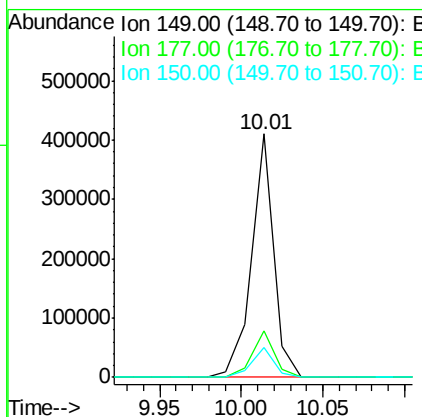
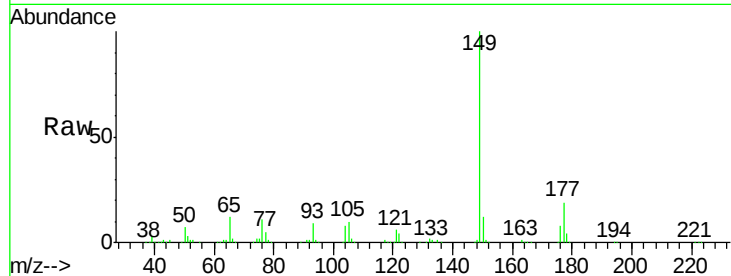
#59
Diethylphthalate
Concen: 38.32 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	384994		
177	19.1	14.1	21.1	
150	12.5	10.3	15.5	

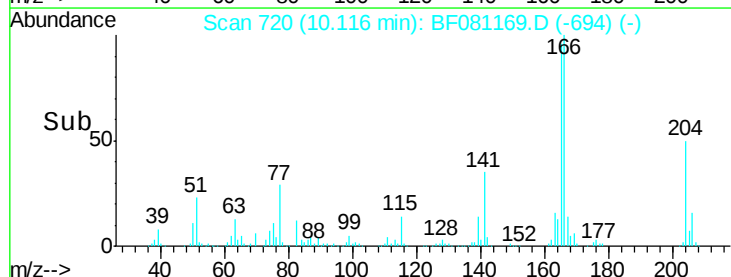
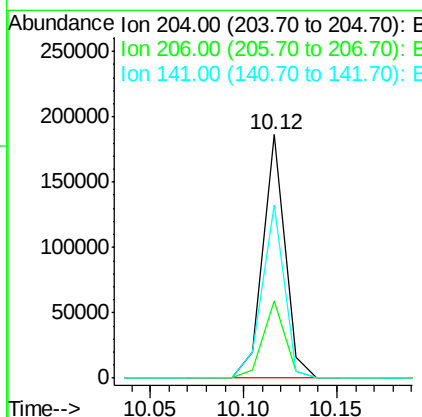
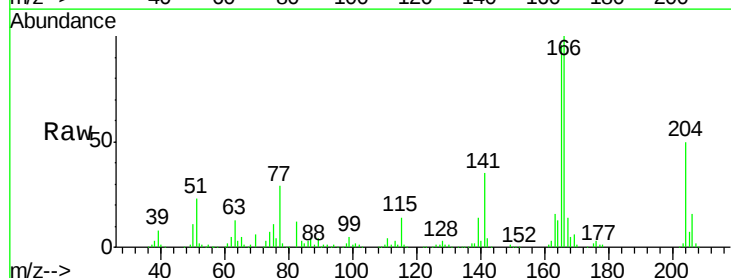
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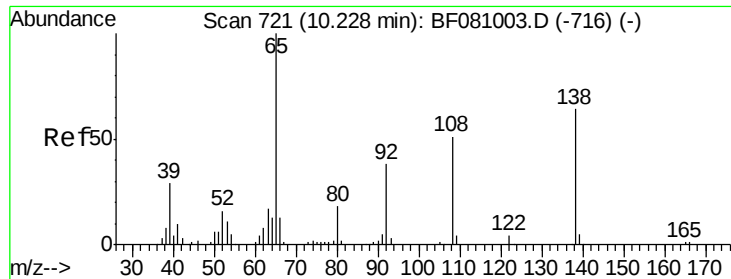
MMDadoda
8/24/2015 7:10:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.01 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	152458		
206	31.8	26.2	39.2	
141	71.0	59.6	89.4	





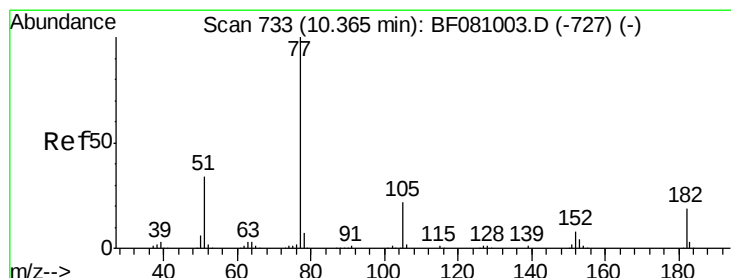
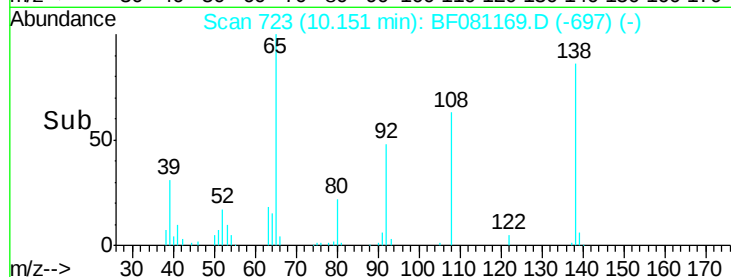
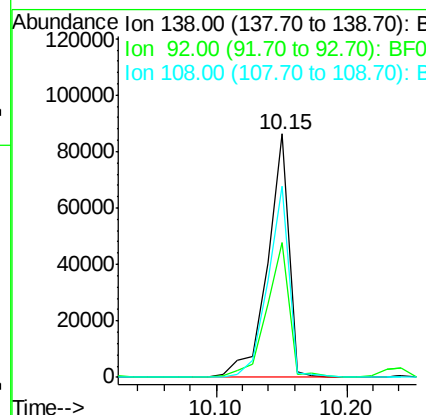
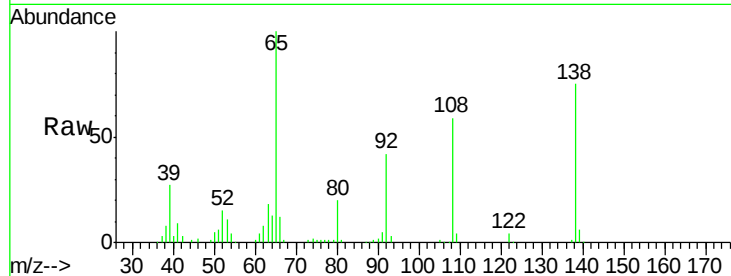
#61
4-Nitroaniline
Concen: 37.84 ng
RT: 10.15 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	98632		
92	55.3	34.7	74.7	
108	78.3	68.9	108.9	

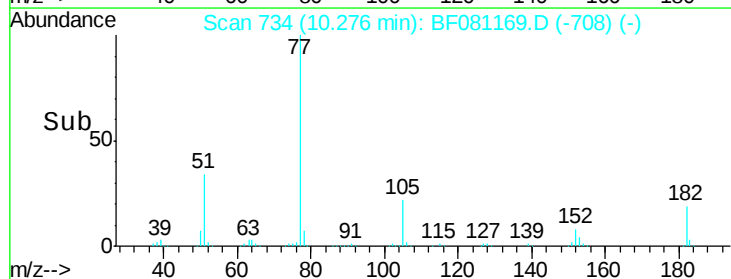
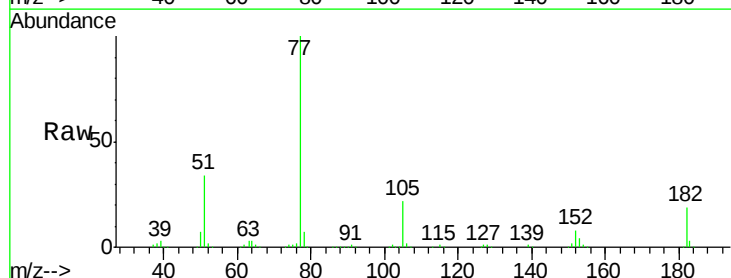
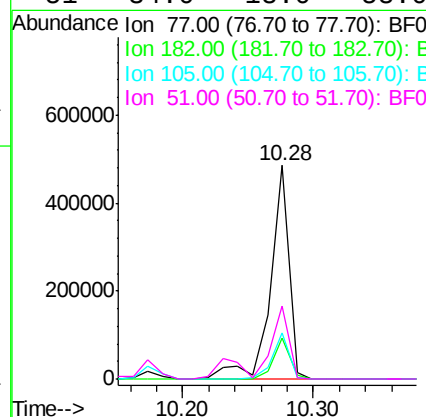
Manual Integrations
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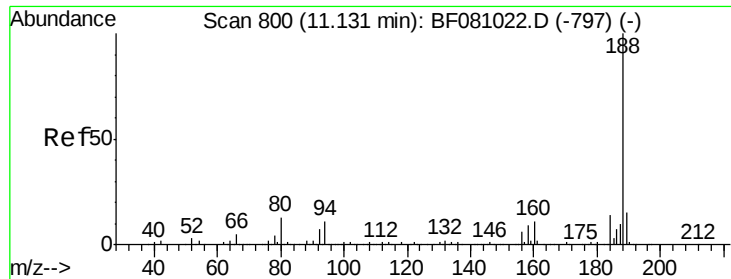
MMDadoda
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#62
Azobenzene
Concen: 42.34 ng
RT: 10.28 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	490187		
182	19.4	0.0	39.0	
105	21.8	0.2	40.2	
51	34.0	18.0	58.0	





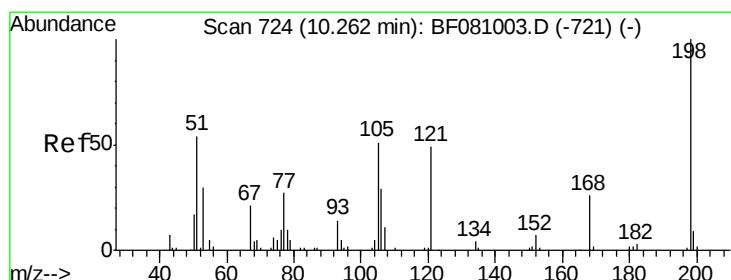
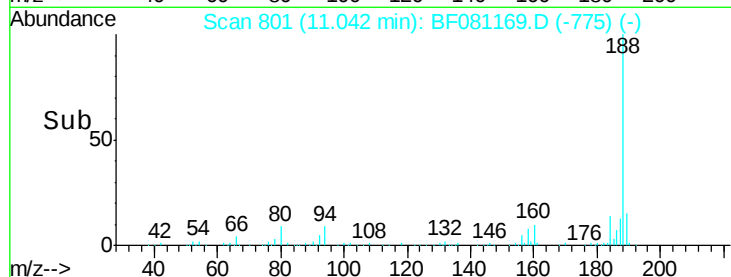
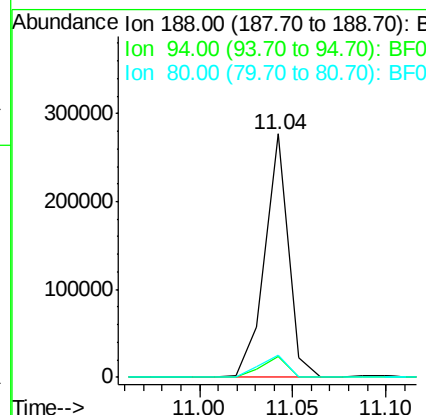
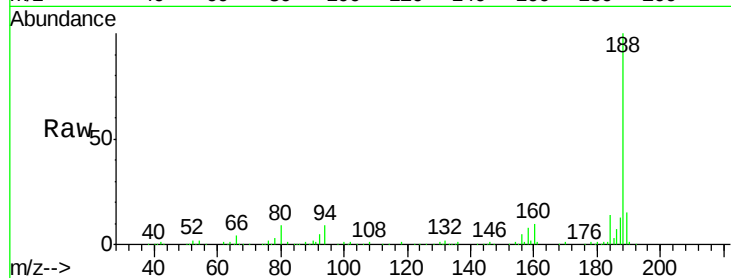
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	8.2	12.2
80	9.3	9.5	14.3#

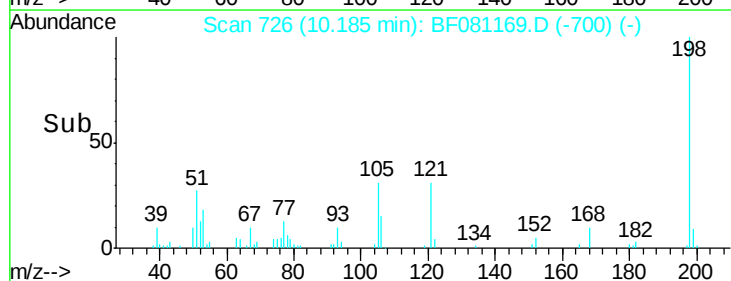
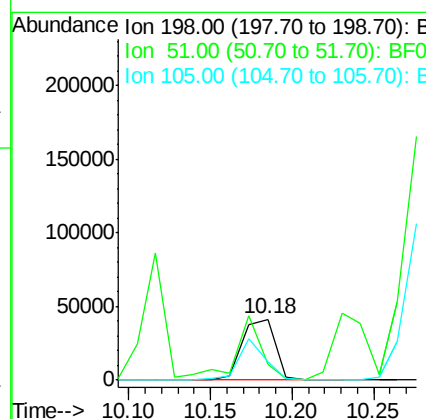
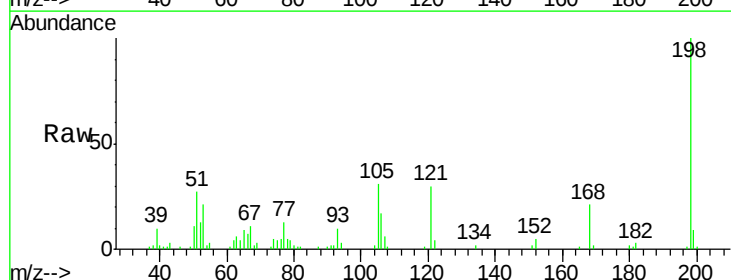
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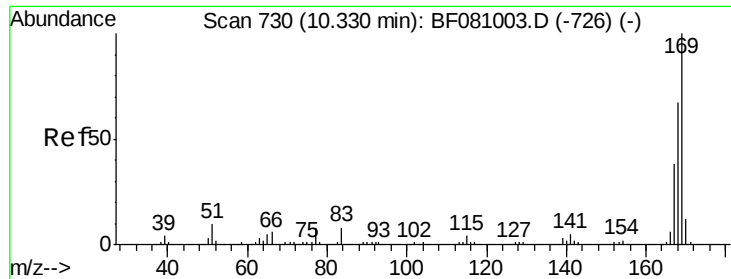
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.25 ng
RT: 10.18 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	26.6	79.7	119.7#
105	31.0	47.0	87.0#





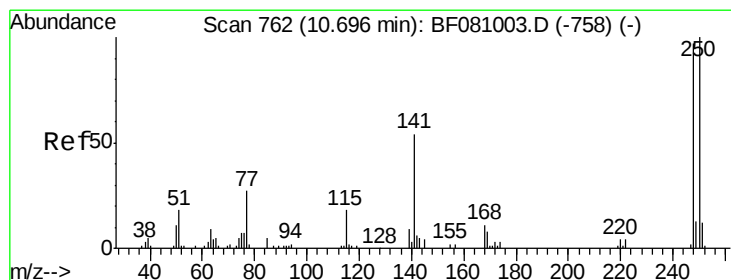
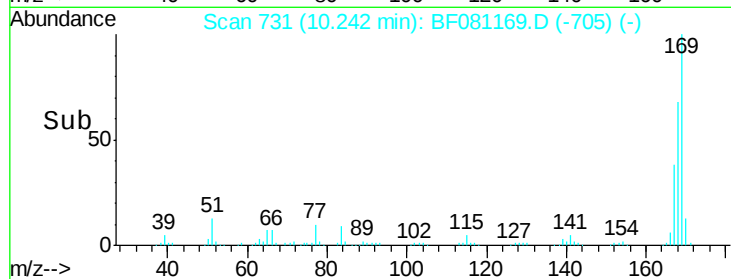
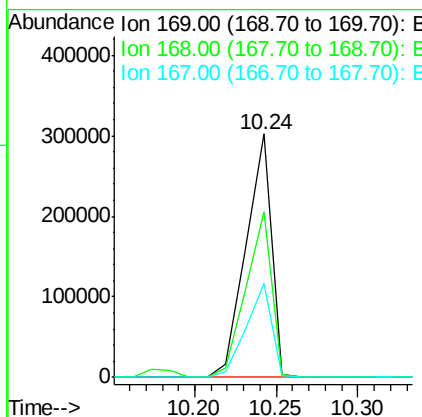
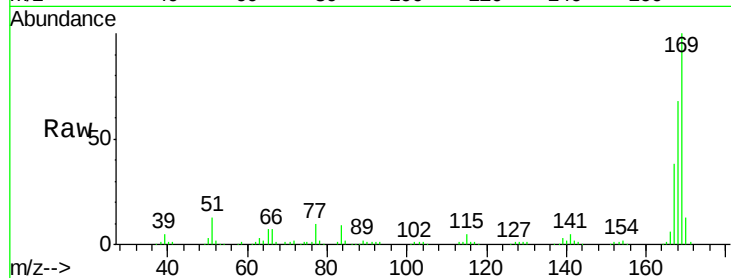
#65
 n-Nitrosodiphenylamine
 Concen: 37.40 ng
 RT: 10.24 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	328498		
168	68.1	55.3	82.9	
167	38.5	30.8	46.2	

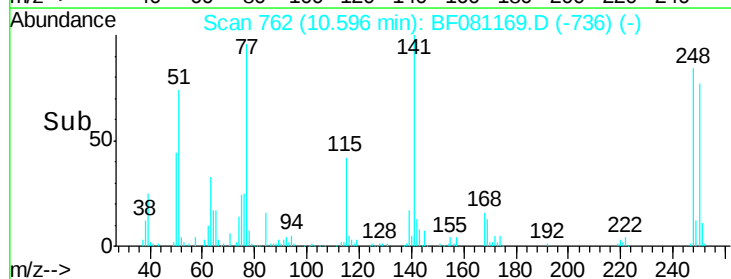
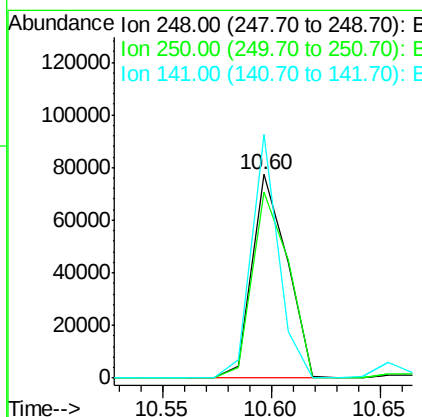
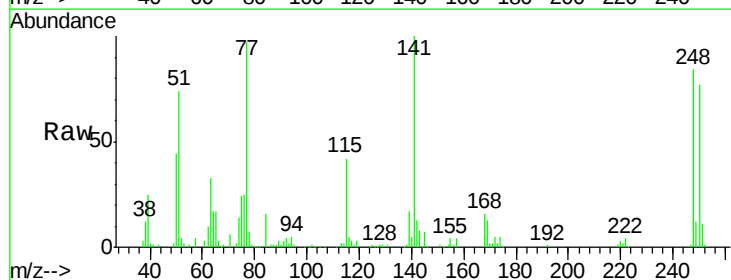
Manual Integrations
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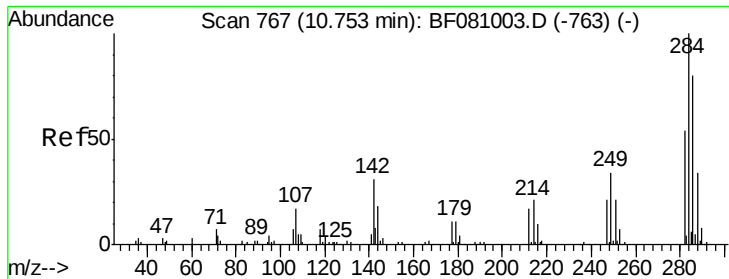
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#66
 4-Bromophenyl-phenylether
 Concen: 35.83 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	86602		
250	91.4	77.8	116.6	
141	119.5	39.8	59.6	





#67

Hexachlorobenzene

Concen: 39.56 ng

RT: 10.66 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF081169.D

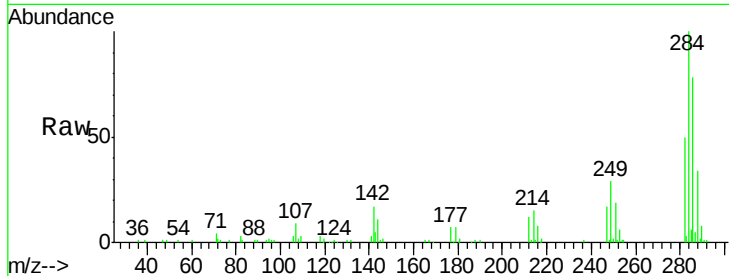
Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

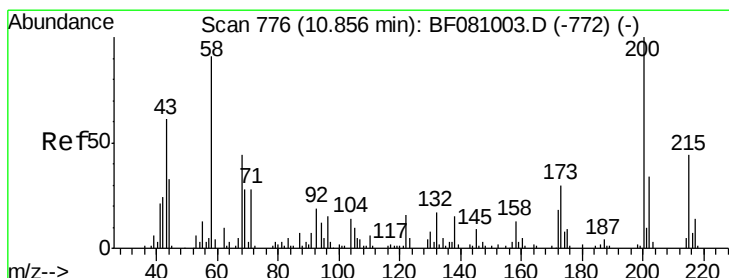
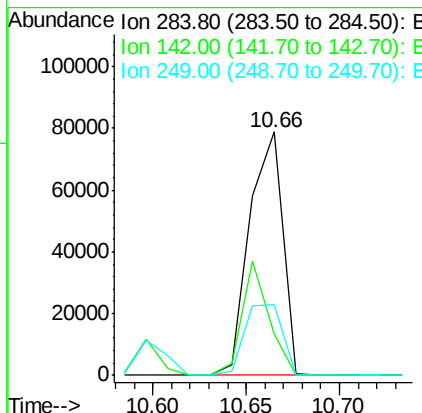
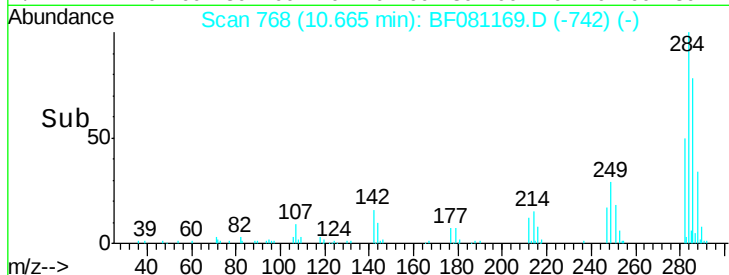
PB85067BS



Tgt Ion:	284	Resp:	96842
Ion Ratio	Lower	Upper	
284	100		
142	17.0	25.4	38.0#
249	29.2	28.5	42.7

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#68

Atrazine

Concen: 30.53 ng

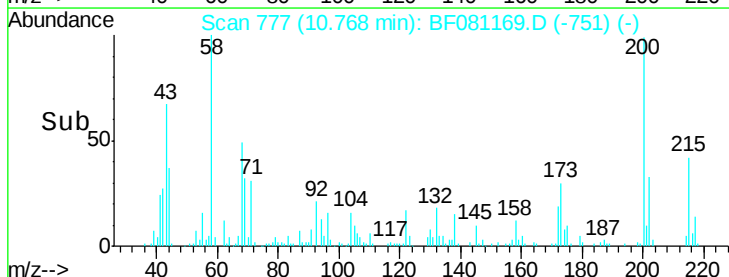
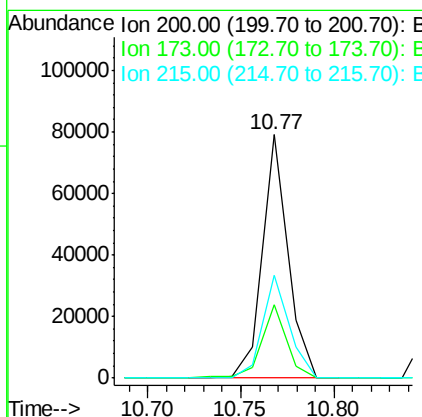
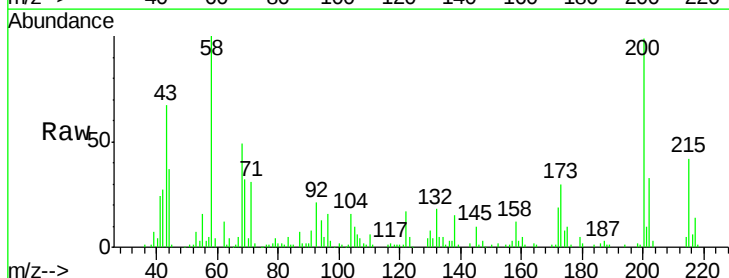
RT: 10.77 min Scan# 777

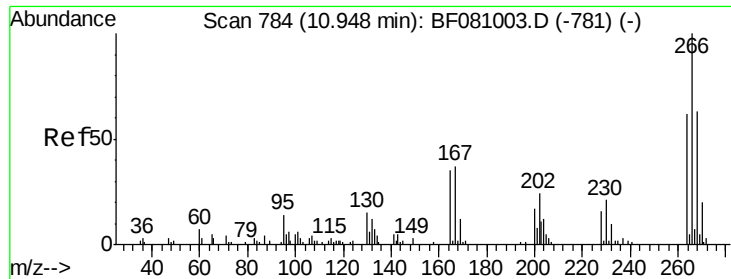
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	200	Resp:	74713
Ion Ratio	Lower	Upper	
200	100		
173	30.2	8.1	48.1
215	42.4	23.3	63.3





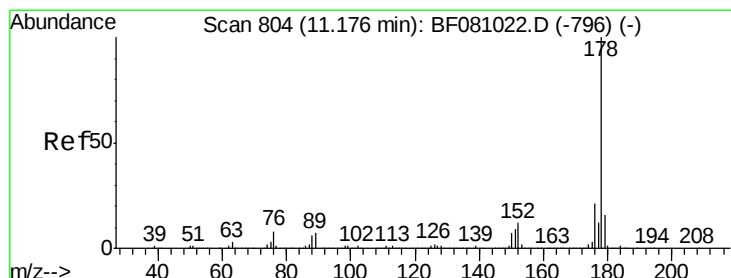
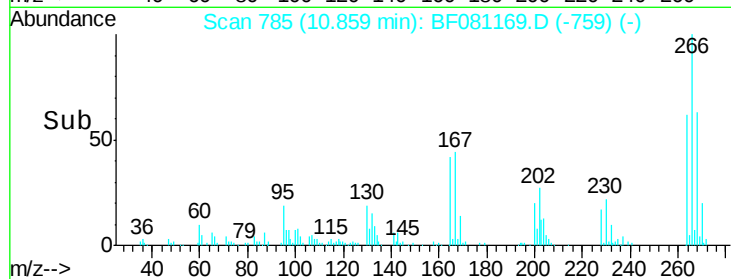
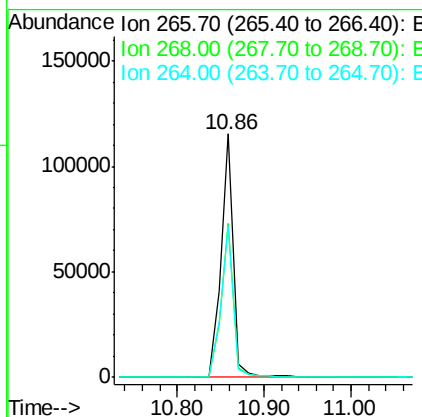
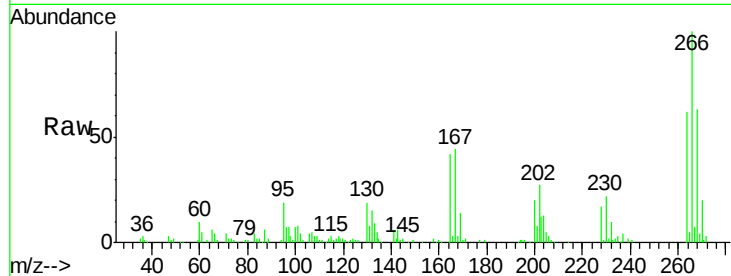
#69
 Pentachlorophenol
 Concen: 79.01 ng
 RT: 10.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116043		
268	63.3	51.2	76.8	
264	62.3	50.6	75.8	

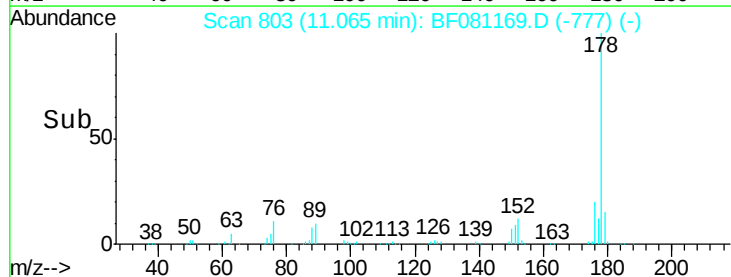
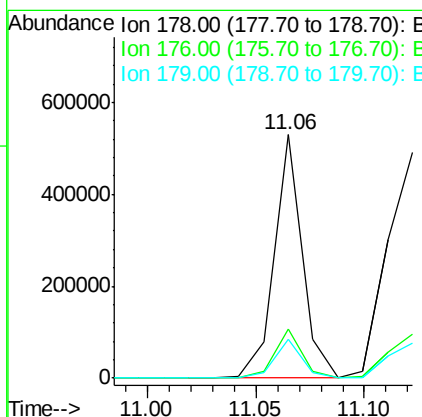
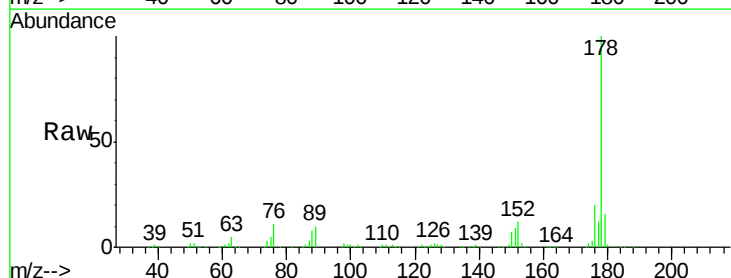
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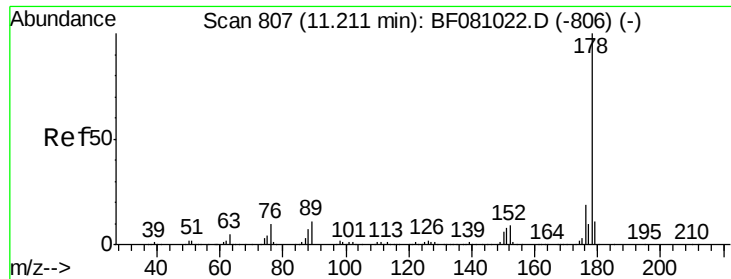
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#70
 Phenanthrene
 Concen: 32.88 ng
 RT: 11.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	479512		
176	20.1	15.7	23.5	
179	15.8	12.2	18.2	





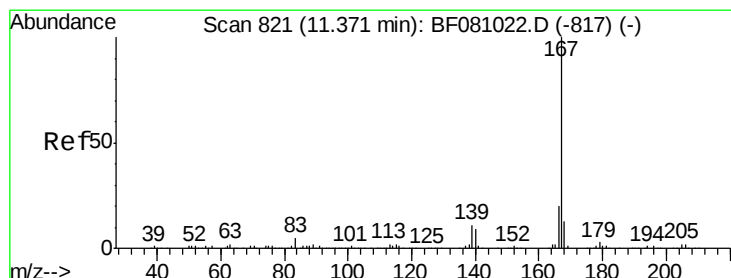
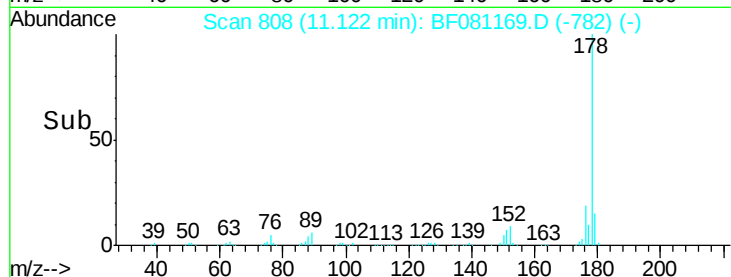
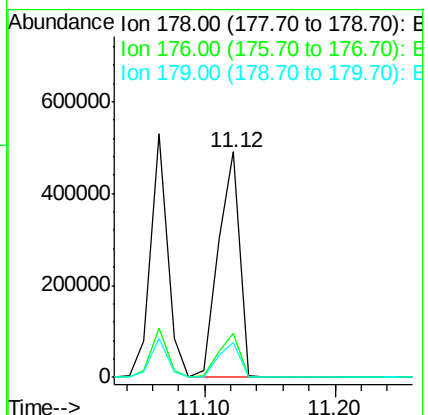
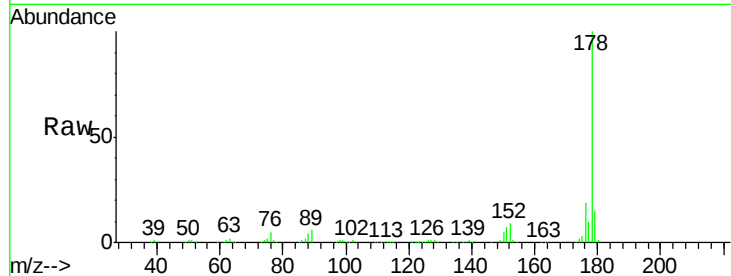
#71
 Anthracene
 Concen: 39.37 ng
 RT: 11.12 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.3	12.7	19.1

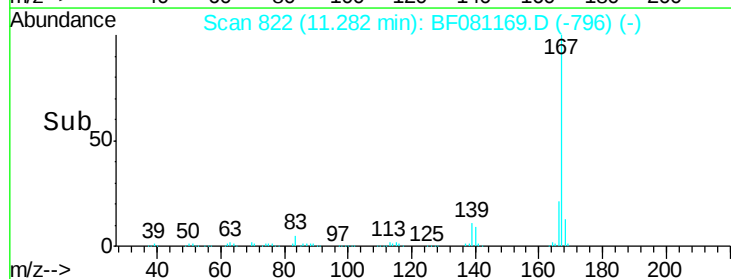
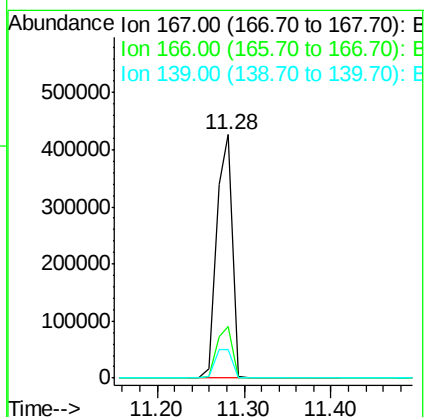
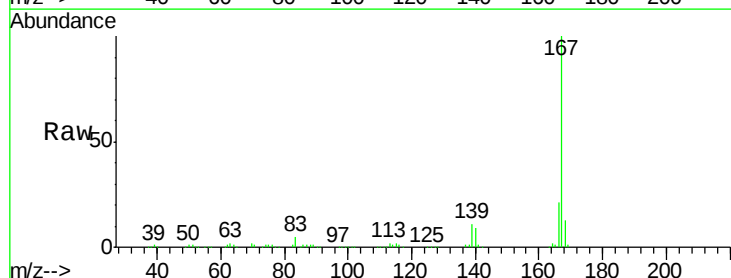
Manual Integrations
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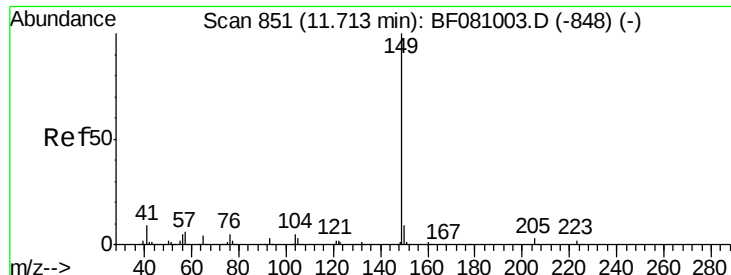
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 8/24/2015 7:10:57 PM



#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.28 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	11.5	10.6	16.0





#73

Di-n-butylphthalate

Concen: 38.61 ng

RT: 11.63 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

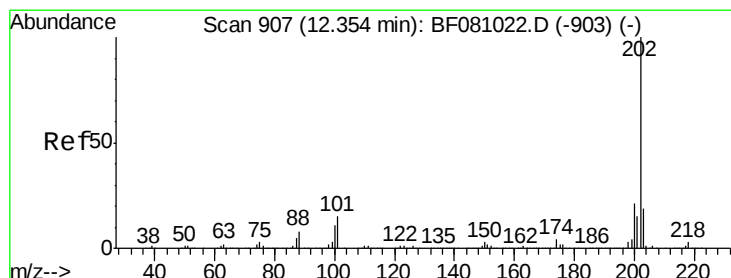
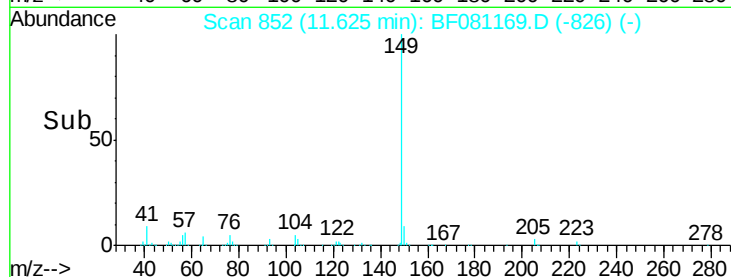
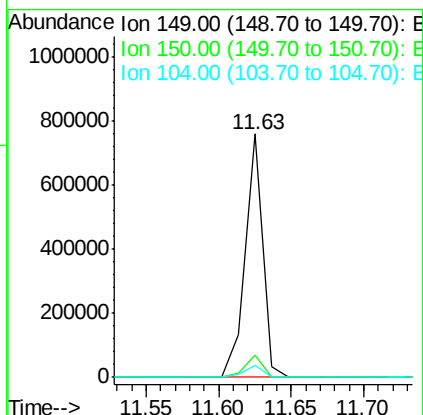
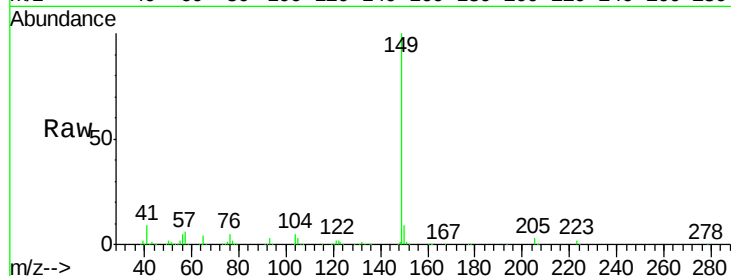
ClientSampleId :

PB85067BS

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	638257		
150	9.3	7.1	10.7	
104	5.2	3.9	5.9	



#74

Fluoranthene

Concen: 37.21 ng

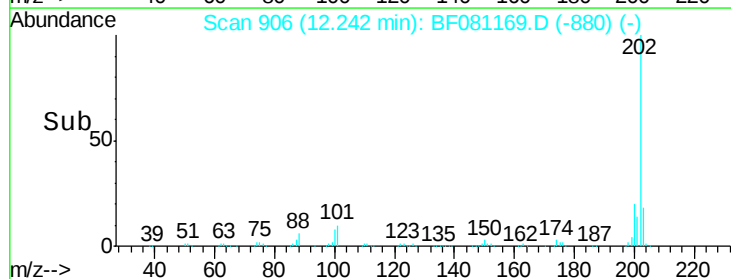
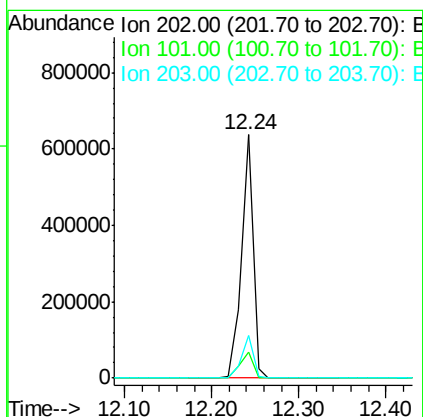
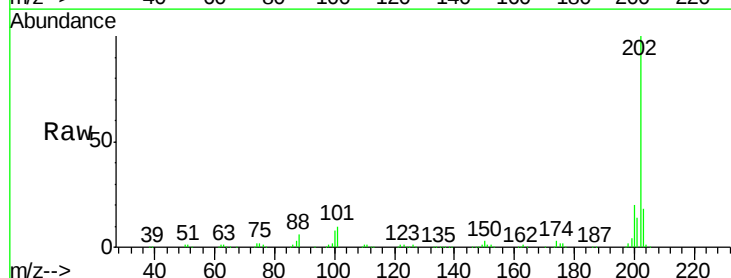
RT: 12.24 min Scan# 906

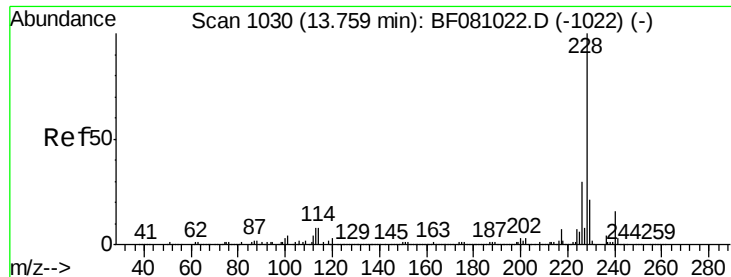
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	585579		
101	10.5	0.0	24.8	
203	17.7	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion:240 Resp: 207575
Ion Ratio Lower Upper

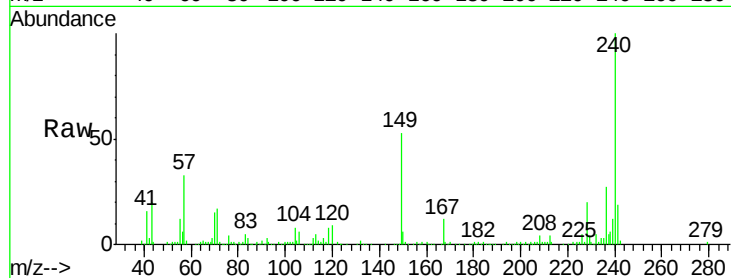
240 100

120 9.3 5.6 8.4#

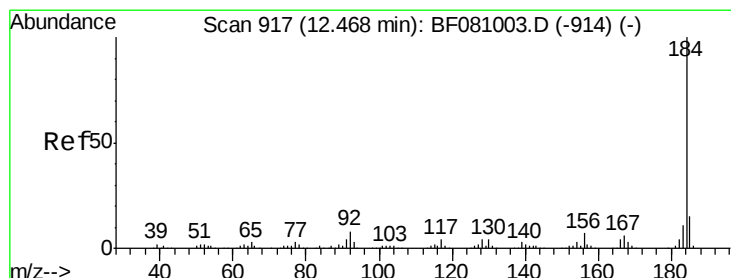
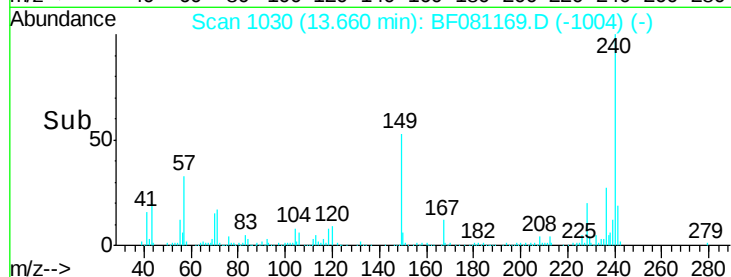
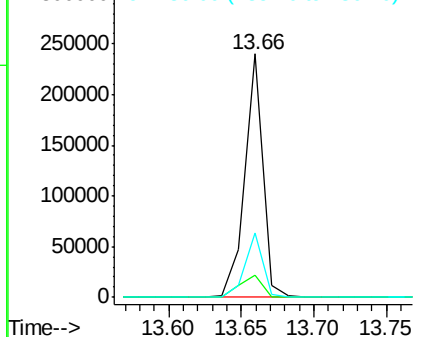
236 26.6 20.6 30.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.52 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081169.D

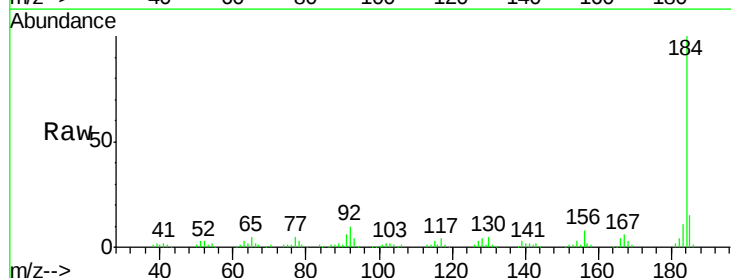
Acq: 24 Aug 2015 14:52

Tgt Ion:184 Resp: 160910
Ion Ratio Lower Upper

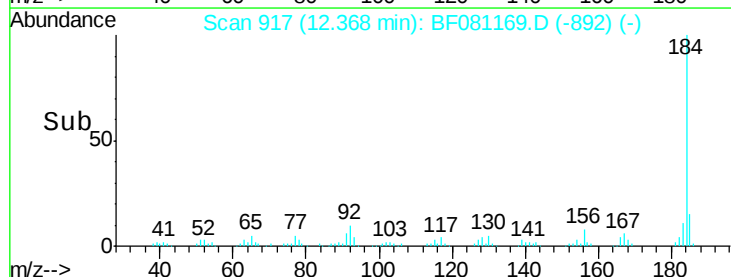
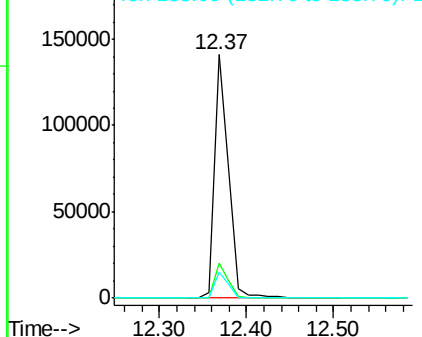
184 100

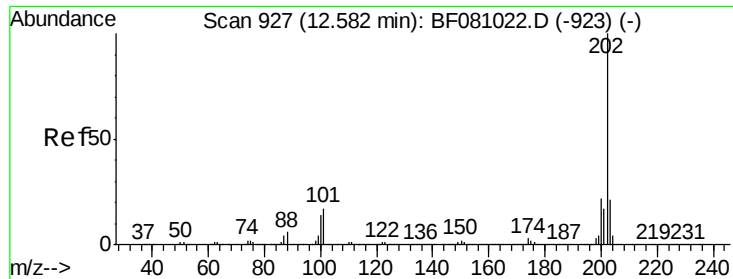
185 14.6 12.0 18.0

183 10.6 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





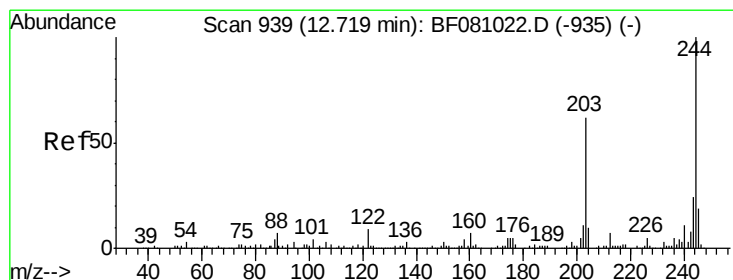
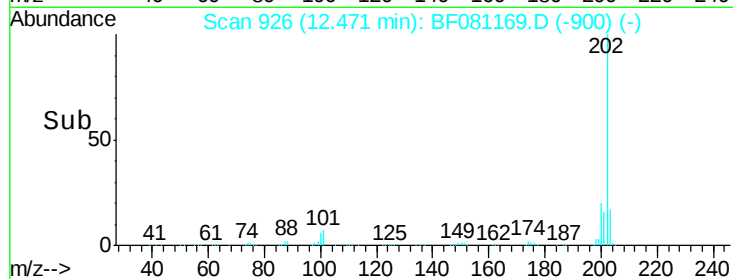
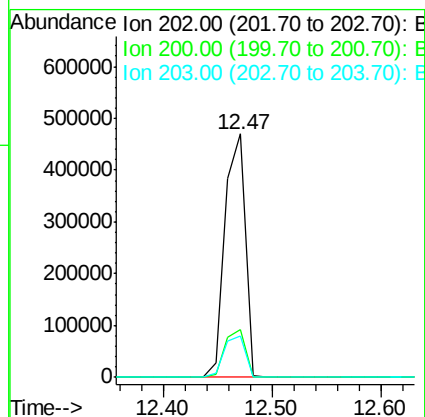
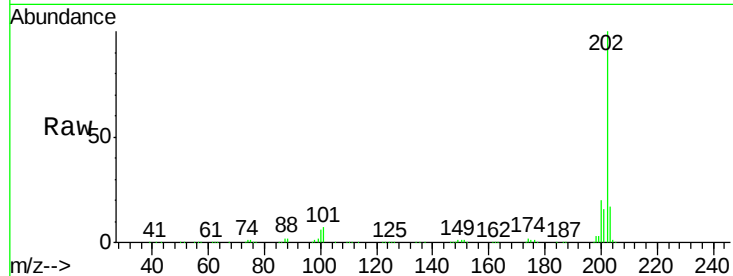
#77
 Pyrene
 Concen: 36.12 ng
 RT: 12.47 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	609569		
200	19.7	16.6	24.8	
203	16.8	14.1	21.1	

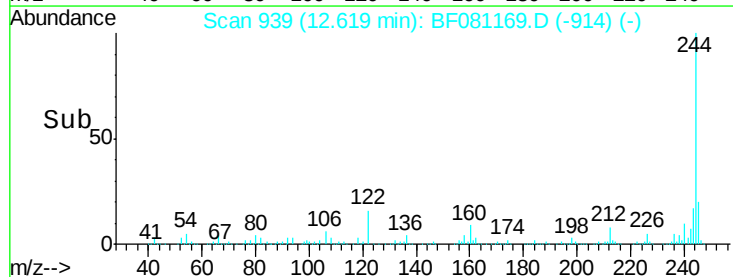
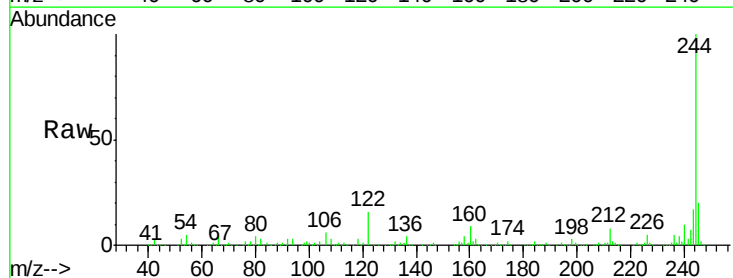
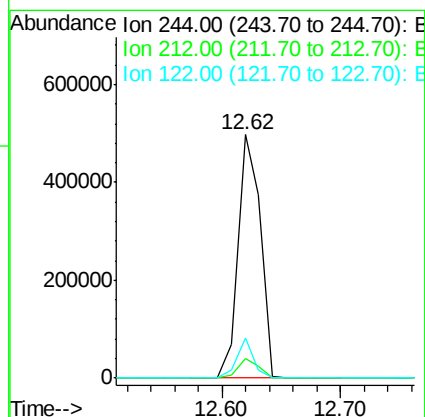
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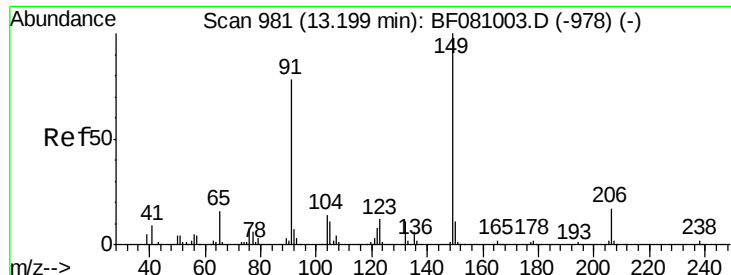
MMDadoda
 8/24/2015 7:10:57 PM



#78
 Terphenyl-d14
 Concen: 67.03 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	649038		
212	8.1	5.8	8.8	
122	16.3	8.2	12.4#	





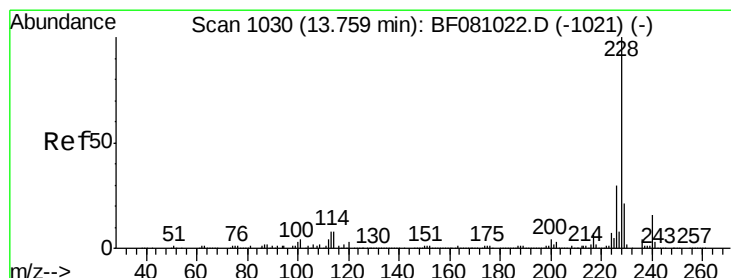
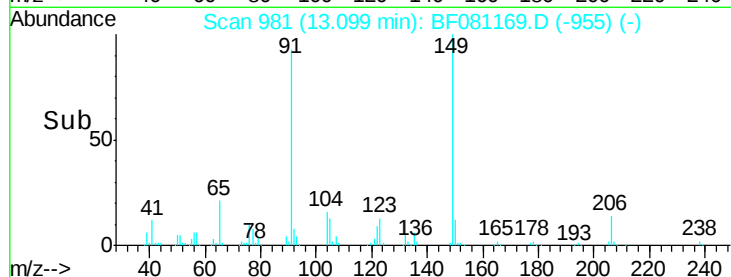
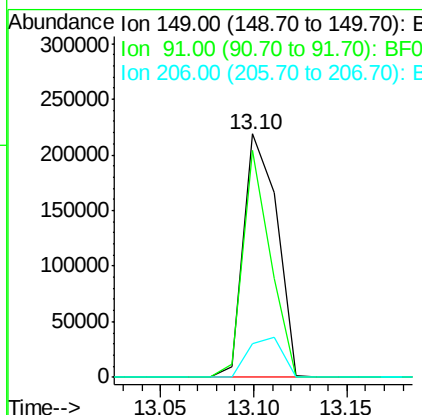
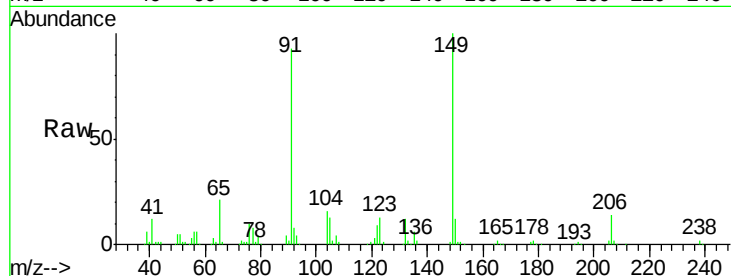
#79
Butylbenzylphthalate
Concen: 37.41 ng
RT: 13.10 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	271347		
91	93.0	46.9	70.3#	
206	13.8	17.0	25.4#	

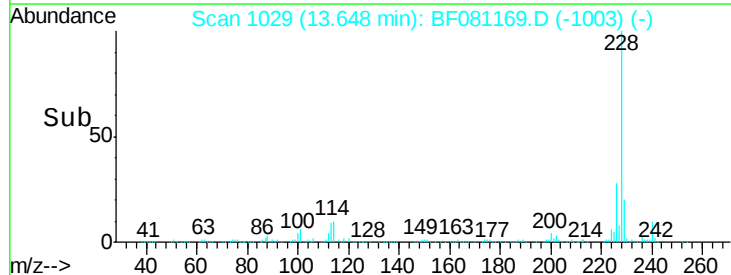
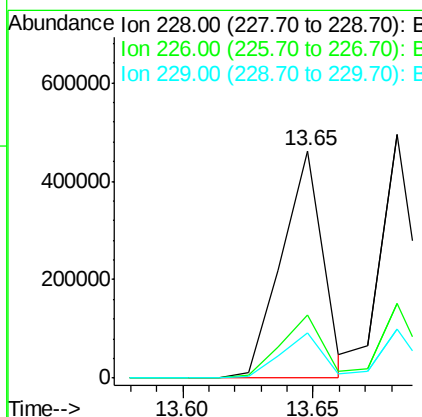
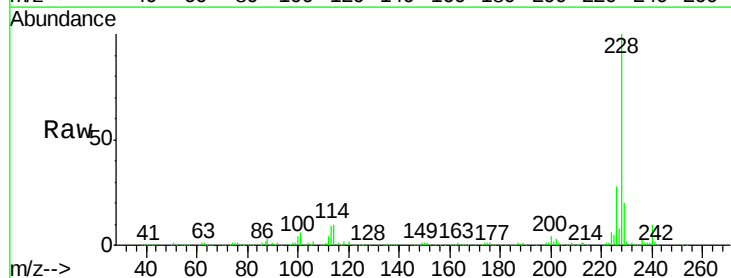
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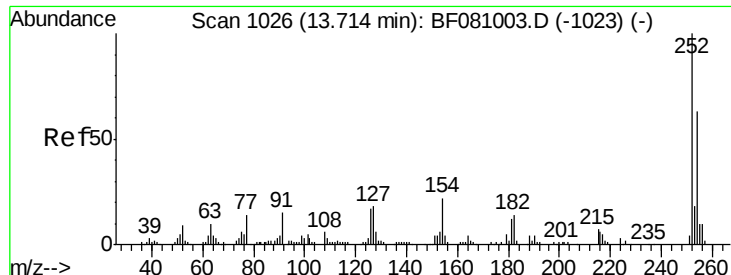
MMDadoda
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#80
Benzo(a)anthracene
Concen: 36.59 ng
RT: 13.65 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	509312		
226	27.8	22.3	33.5	
229	20.1	15.9	23.9	





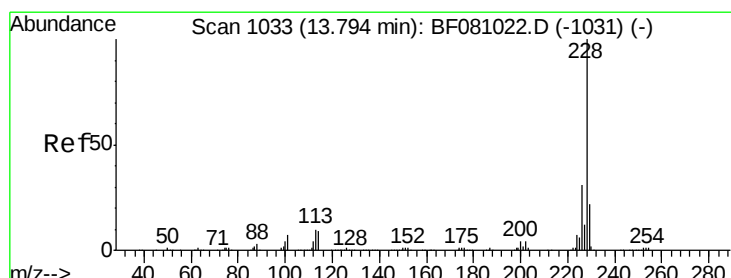
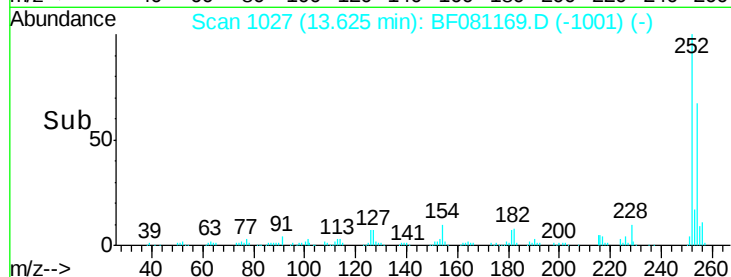
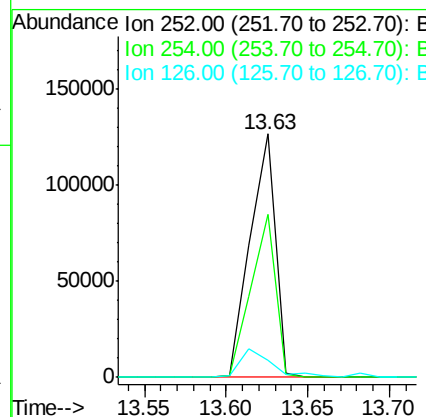
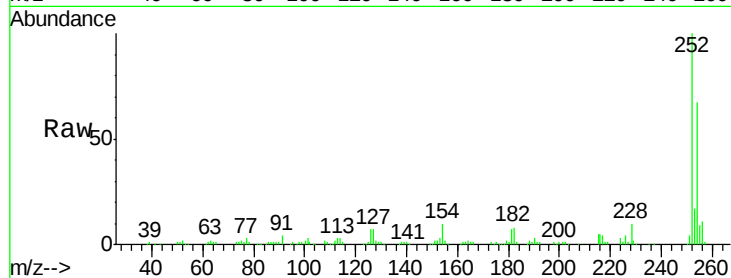
#81
 3,3'-Dichlorobenzidine
 Concen: 30.22 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	67.2	51.5	77.3
126	6.8	12.5	18.7

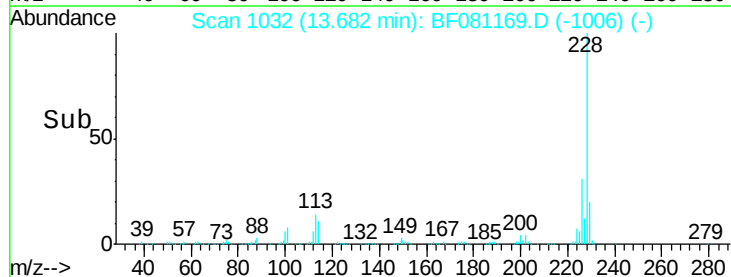
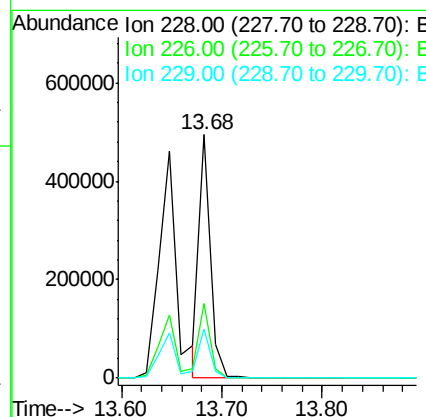
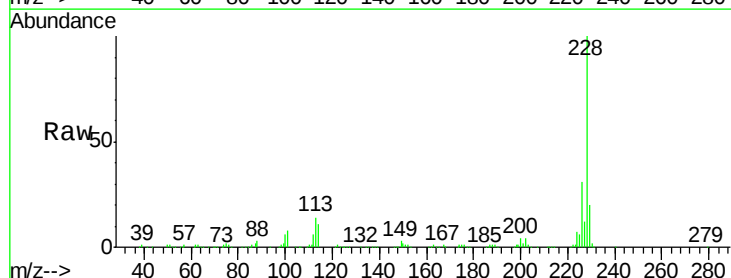
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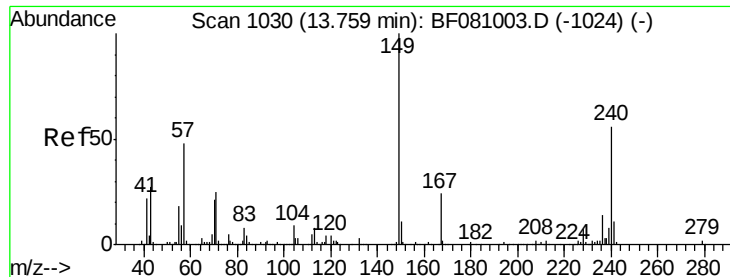
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#82
 Chrysene
 Concen: 31.40 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.4	36.6
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.61 ng

RT: 13.67 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

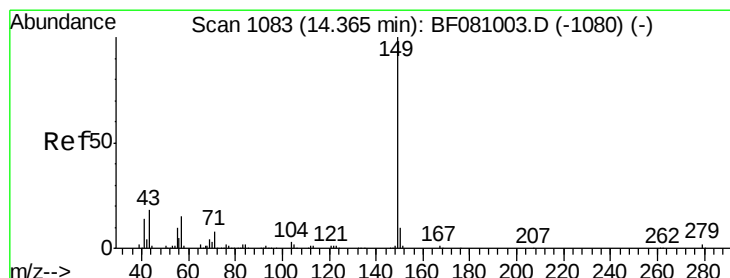
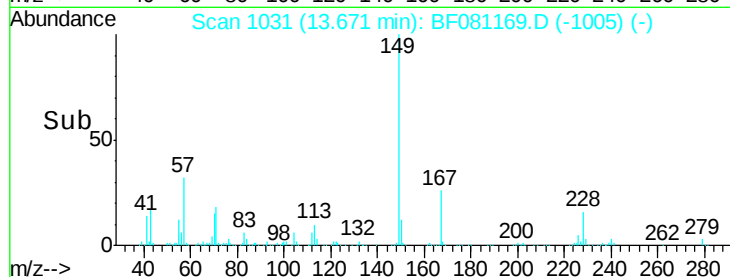
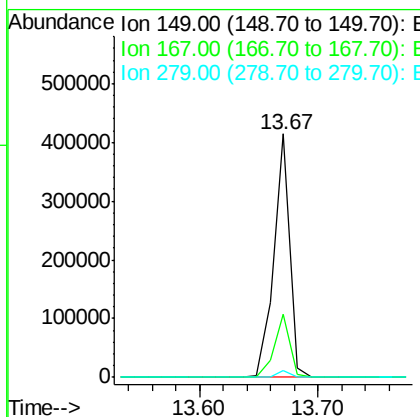
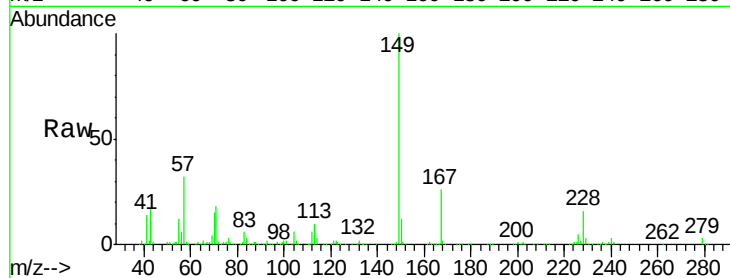
ClientSampleId :

PB85067BS

Tgt Ion:	149	Resp:	386578
Ion Ratio		Lower	Upper
149	100		
167	26.0	20.7	31.1
279	2.7	2.2	3.4

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#84

Di-n-octyl phthalate

Concen: 46.37 ng

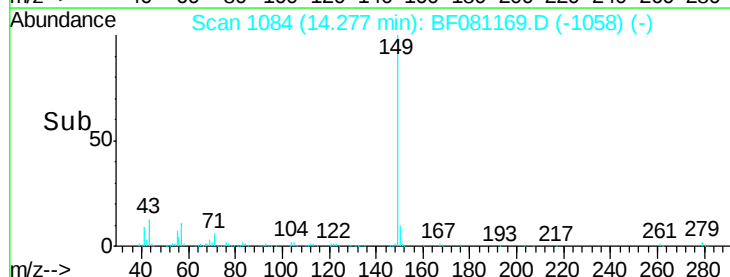
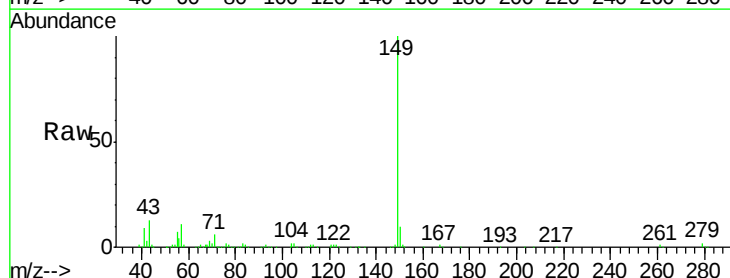
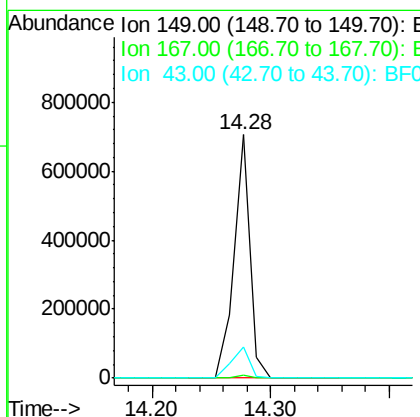
RT: 14.28 min Scan# 1084

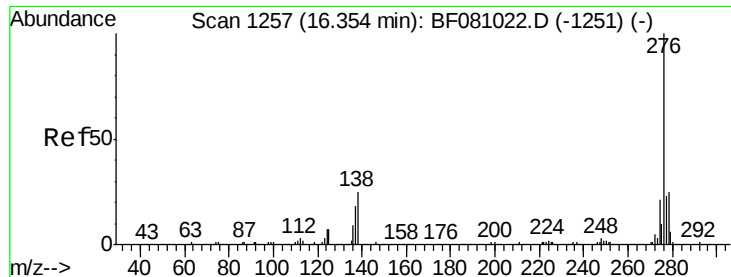
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	149	Resp:	654759
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.5	11.6	17.4





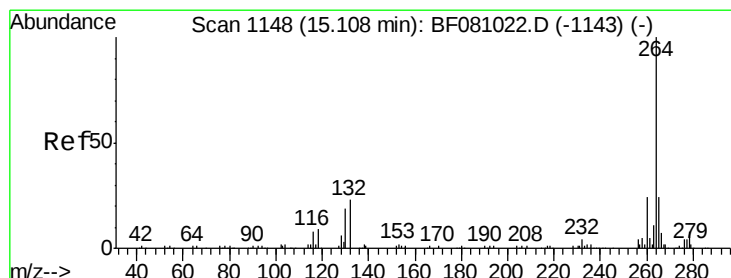
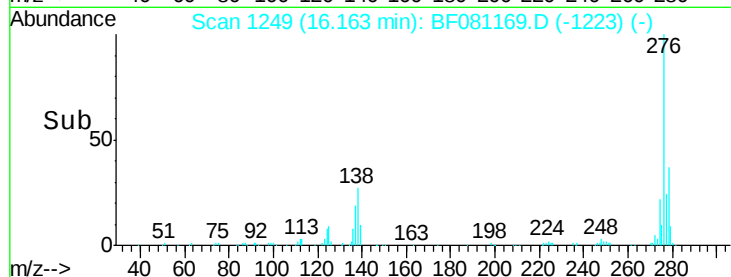
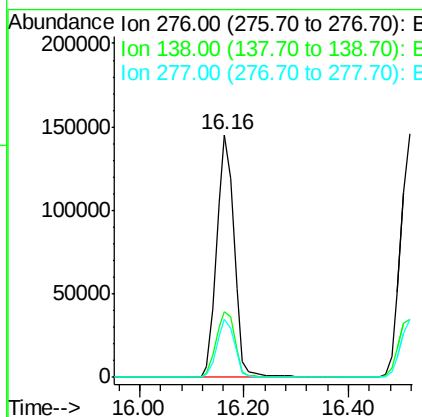
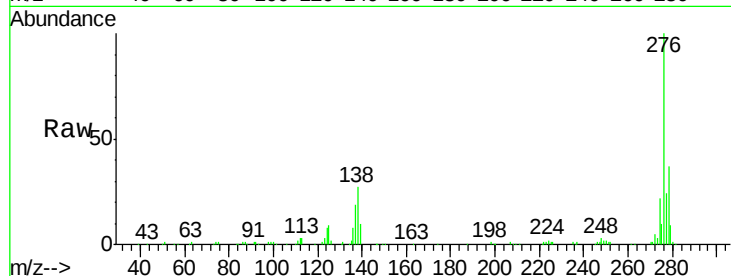
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.34 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	337690		
138	29.2	18.6	28.0#	
277	24.1	19.8	29.8	

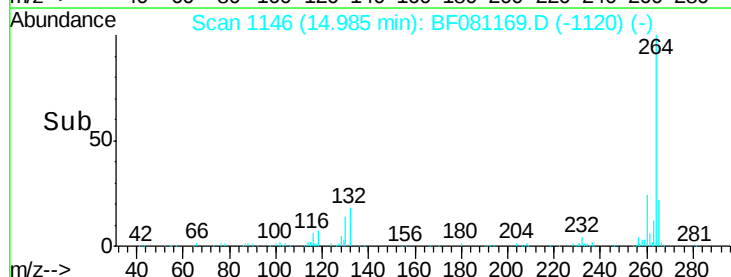
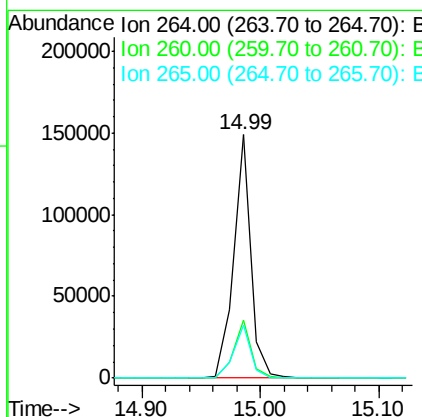
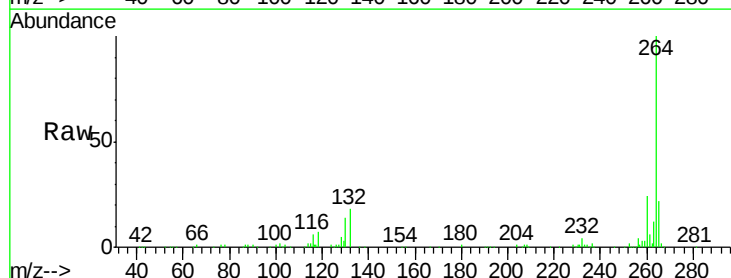
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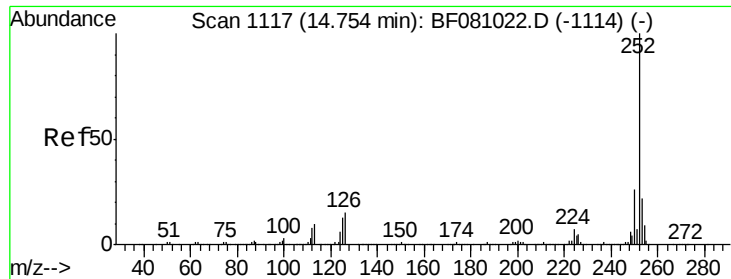
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	149547		
260	23.9	19.6	29.4	
265	21.9	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 47.78 ng m

RT: 14.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

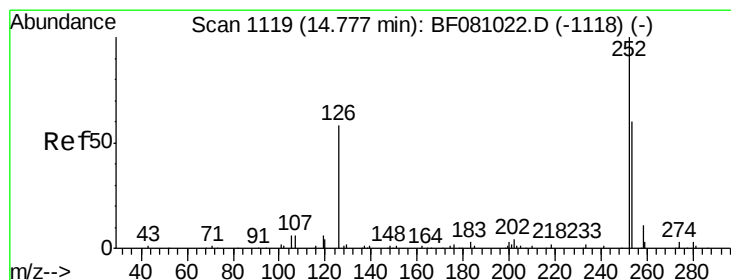
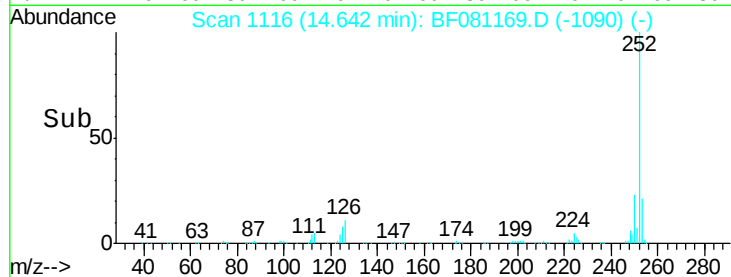
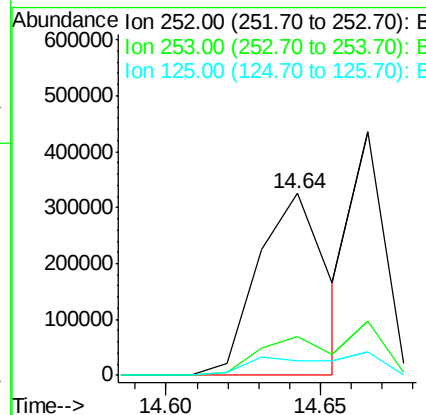
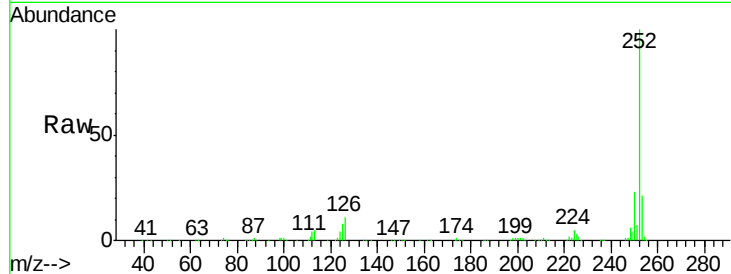
ClientSampleId :

PB85067BS

Tgt Ion:	252	Resp:	505420
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.1	25.7
125	7.9	8.0	12.0#

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#88

Benzo(k)fluoranthene

Concen: 32.54 ng m

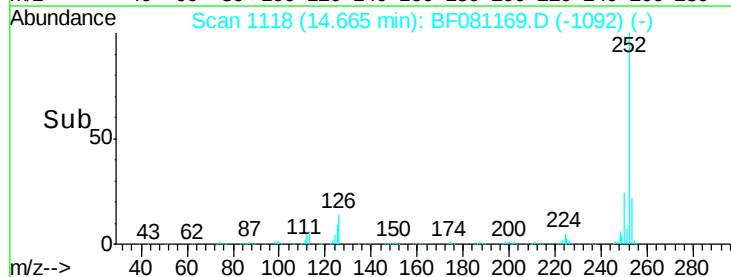
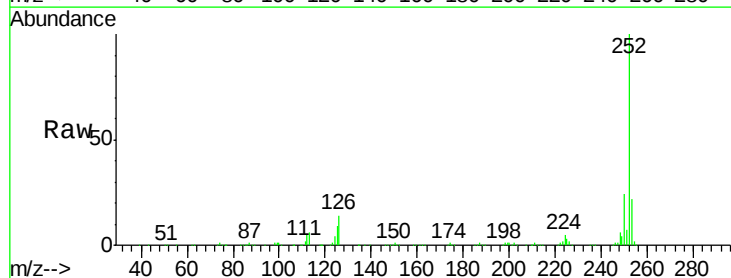
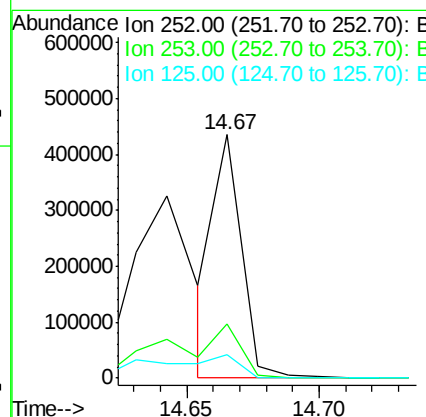
RT: 14.67 min Scan# 1118

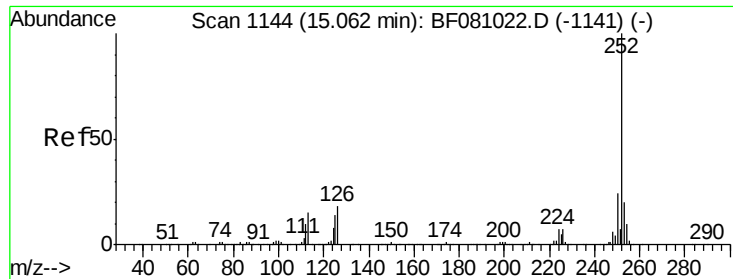
Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	252	Resp:	320755
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	9.4	10.3	15.5#





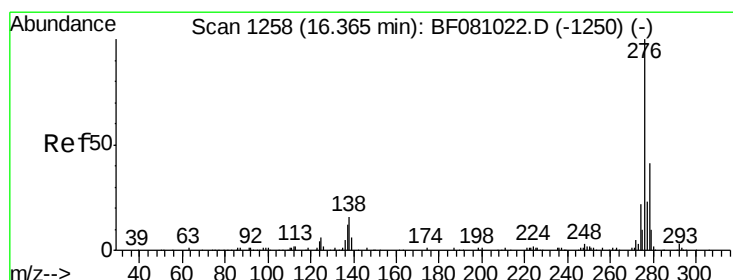
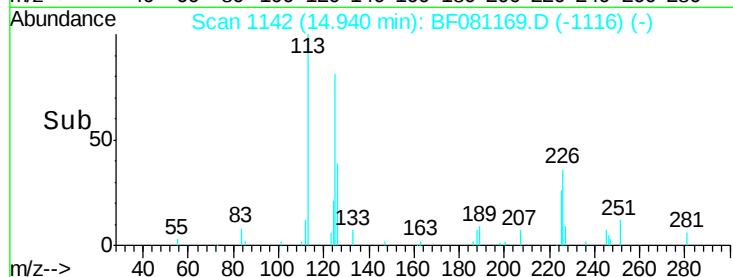
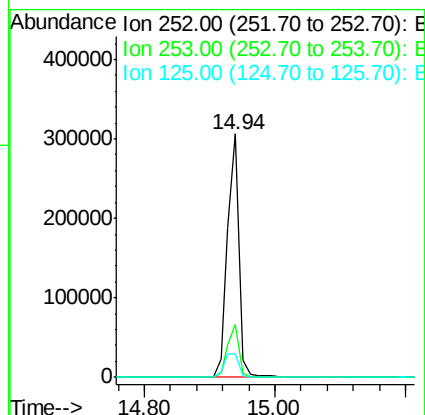
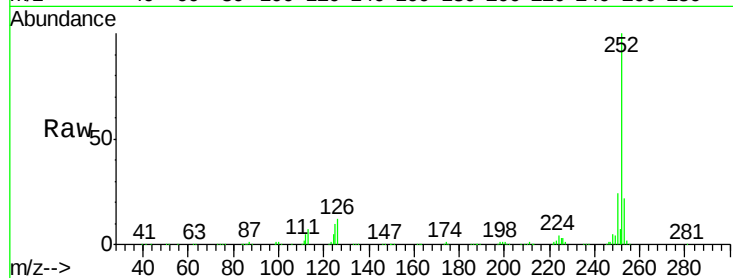
#89
Benzo(a)pyrene
Concen: 41.19 ng
RT: 14.94 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	9.7	7.8	11.8

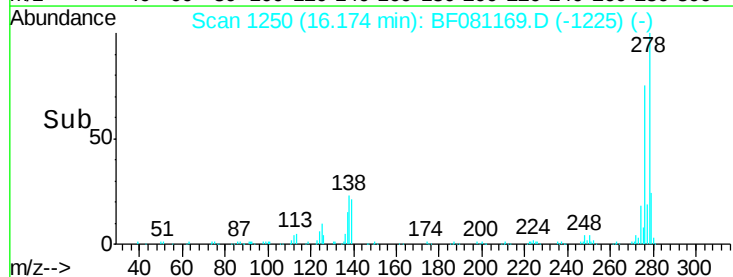
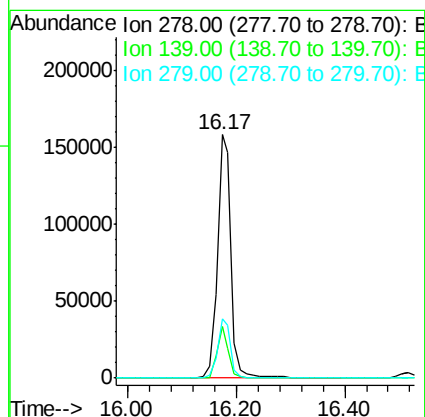
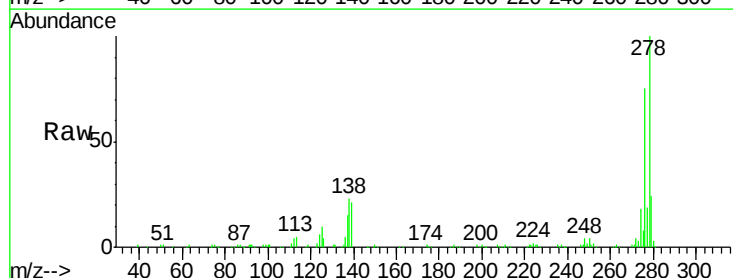
Manual Integrations
APPROVED

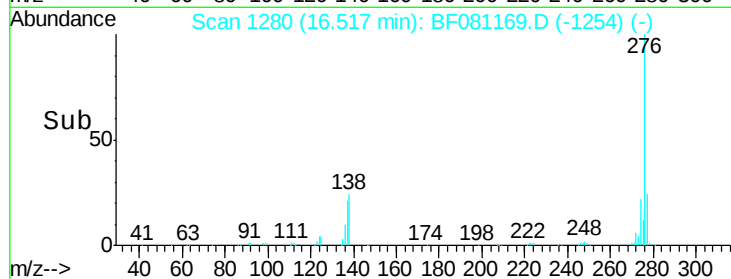
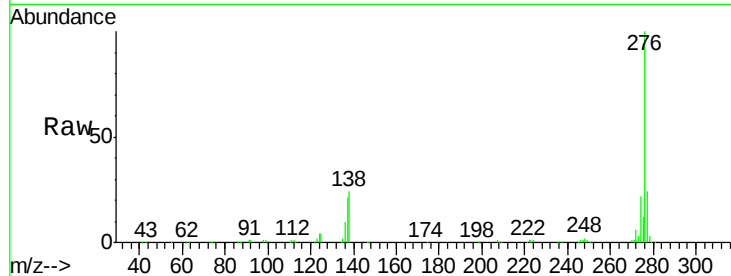
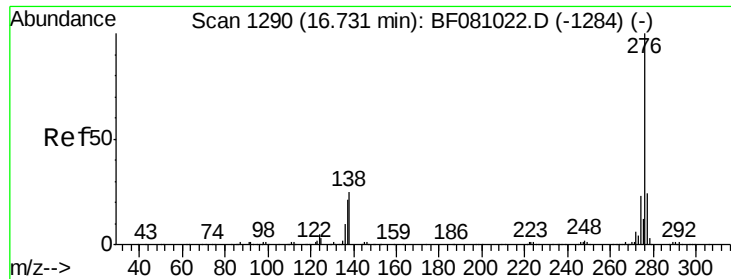
MMDadoda
8/24/2015 7:10:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.10 ng
RT: 16.17 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	10.8	16.2#
279	24.3	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 37.66 ng

RT: 16.52 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion: 276 Resp: 274378

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.2

138 23.9 13.7 20.5#

Manual Integrations
APPROVED

MMDadoda
8/24/2015 7:10:57 PM

