

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
 Data File : BF081223.D
 Acq On : 26 Aug 2015 20:47
 Operator : UM/IZ
 Sample : PB85176BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Manual Integrations
 APPROVED

MMDadoda
 8/27/2015 2:32:26 PM

Quant Time: Aug 27 01:17:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 00:52:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53235	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	213904	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	97712	20.00	ng	-0.01
63) Phenanthrene-d10	11.02	188	205119	20.00	ng	0.00
75) Chrysene-d12	13.64	240	154082	20.00	ng	0.00
86) Perylene-d12	14.95	264	123023	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	378296	106.88	ng	0.01
7) Phenol-d6	6.17	99	537585	116.41	ng	0.00
23) Nitrobenzene-d5	7.09	82	341466	72.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	87338	103.11	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	547144	73.37	ng	-0.01
78) Terphenyl-d14	12.59	244	480667	66.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.97	88	50915	30.53	ng	# 92
3) Pyridine	2.57	79	131862	28.01	ng	# 82
4) n-Nitrosodimethylamine	2.53	42	89812	34.27	ng	# 77
6) Aniline	6.17	93	174371	25.97	ng	# 67
8) 2-Chlorophenol	6.30	128	142197	36.70	ng	94
9) Benzaldehyde	6.06	77	73743	24.77	ng	88
10) Phenol	6.18	94	171826	31.51	ng	87
11) bis(2-Chloroethyl)ether	6.26	93	144972	34.64	ng	89
12) 1,3-Dichlorobenzene	6.46	146	151083	36.29	ng	98
13) 1,4-Dichlorobenzene	6.54	146	150576	36.53	ng	100
14) 1,2-Dichlorobenzene	6.69	146	140447	36.41	ng	97
15) Benzyl Alcohol	6.67	79	132864	35.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	294333	35.79	ng	97
17) 2-Methylphenol	6.80	107	131569	39.58	ng	97
18) Hexachloroethane	7.03	117	61861	37.14	ng	97
19) n-Nitroso-di-n-propylamine	6.95	70	115432	36.08	ng	93
20) 3+4-Methylphenols	6.96	107	172151	40.80	ng	# 43
22) Acetophenone	6.94	105	219402	39.07	ng	# 86
24) Nitrobenzene	7.11	77	180057	36.78	ng	97
25) Isophorone	7.36	82	322449	36.93	ng	# 95
26) 2-Nitrophenol	7.43	139	83363	40.94	ng	# 70
27) 2,4-Dimethylphenol	7.49	122	148664	41.27	ng	88
28) bis(2-Chloroethoxy)methane	7.58	93	211630	41.02	ng	100
29) 2,4-Dichlorophenol	7.67	162	112922	37.24	ng	# 87
30) 1,2,4-Trichlorobenzene	7.75	180	122019	36.20	ng	99
31) Naphthalene	7.83	128	447988	37.57	ng	99
32) Benzoic acid	7.62	122	91472	45.15	ng	95
33) 4-Chloroaniline	7.89	127	105372	20.94	ng	# 87
34) Hexachlorobutadiene	7.95	225	71473	37.50	ng	96
35) Caprolactam	8.26	113	45197m	42.64	ng	
36) 4-Chloro-3-methylphenol	8.38	107	138138	38.22	ng	97
37) 2-Methylnaphthalene	8.51	142	273267	36.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	121751	38.62	ng	98
40) Hexachlorocyclopentadiene	8.67	237	119968	73.52	ng	100

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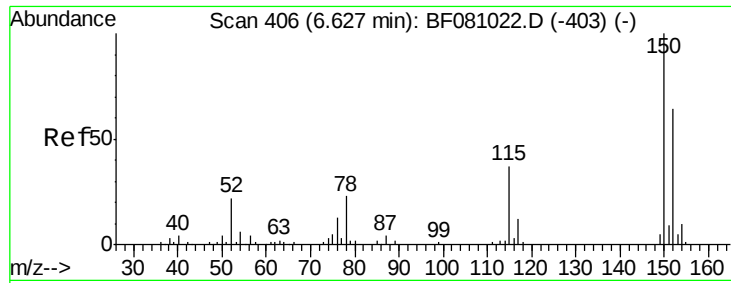
Manual Integrations
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 8/27/2015 2:32:26 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	85338	38.32	ng	97
43) 2,4,5-Trichlorophenol	8.85	196	90964	40.87	ng	99
45) 1,1'-Biphenyl	8.98	154	359578	41.78	ng	97
46) 2-Chloronaphthalene	9.01	162	252580	36.53	ng	99
47) 2-Nitroaniline	9.11	65	115335	40.76	ng	# 67
48) Acenaphthylene	9.41	152	391325	31.64	ng	98
49) Dimethylphthalate	9.29	163	296951	36.90	ng	99
50) 2,6-Dinitrotoluene	9.35	165	60510	35.02	ng	# 66
51) Acenaphthene	9.58	154	234472	31.66	ng	100
52) 3-Nitroaniline	9.51	138	54919	25.40	ng	98
53) 2,4-Dinitrophenol	9.62	184	63020	67.80	ng	86
54) Dibenzofuran	9.75	168	355714	35.85	ng	91
55) 4-Nitrophenol	9.69	139	115166	75.84	ng	# 83
56) 2,4-Dinitrotoluene	9.75	165	76431	33.38	ng	# 53
57) Fluorene	10.09	166	277597	36.37	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	68105m	39.53	ng	
59) Diethylphthalate	9.99	149	303272	35.61	ng	98
60) 4-Chlorophenyl-phenylether	10.09	204	126182	39.06	ng	99
61) 4-Nitroaniline	10.13	138	72224	32.68	ng	92
62) Azobenzene	10.25	77	409669	41.74	ng	95
64) 4,6-Dinitro-2-methylphenol	10.16	198	49021	40.02	ng	# 48
65) n-Nitrosodiphenylamine	10.22	169	278197	37.99	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	67986	33.74	ng	# 62
67) Hexachlorobenzene	10.63	284	75243	36.87	ng	# 69
68) Atrazine	10.75	200	86408	42.36	ng	94
69) Pentachlorophenol	10.83	266	90413	73.84	ng	99
70) Phenanthrene	11.04	178	412754	33.95	ng	100
71) Anthracene	11.10	178	434708	36.75	ng	98
72) Carbazole	11.26	167	429101	37.68	ng	98
73) Di-n-butylphthalate	11.60	149	533855	38.74	ng	99
74) Fluoranthene	12.22	202	497204	37.90	ng	95
76) Benzidine	12.34	184	199777	34.32	ng	97
77) Pyrene	12.43	202	450518	35.97	ng	99
79) Butylbenzylphthalate	13.07	149	206715	38.39	ng	# 64
80) Benzo(a)anthracene	13.62	228	409386	39.62	ng	98
81) 3,3'-Dichlorobenzidine	13.59	252	90819	27.13	ng	97
82) Chrysene	13.66	228	364588	39.15	ng	100
83) Bis(2-ethylhexyl)phthalate	13.65	149	299545	43.43	ng	100
84) Di-n-octyl phthalate	14.25	149	501080	47.80	ng	97
85) Indeno(1,2,3-cd)pyrene	16.12	276	297796	45.55	ng	# 94
87) Benzo(b)fluoranthene	14.62	252	456188m	52.42	ng	
88) Benzo(k)fluoranthene	14.64	252	226977m	27.99	ng	
89) Benzo(a)pyrene	14.90	252	307095	40.50	ng	# 94
90) Dibenzo(a,h)anthracene	16.14	278	248626	42.08	ng	97
91) Benzo(g,h,i)perylene	16.47	276	245824	41.01	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF081223.D

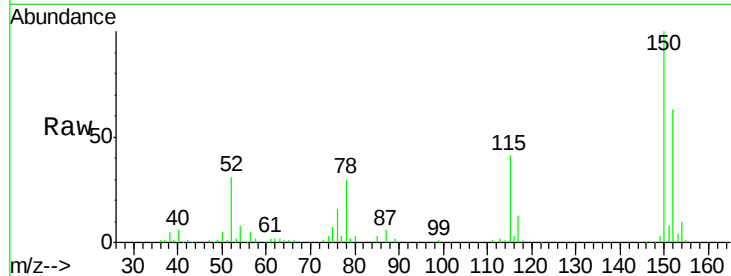
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PB85176BS



Tgt Ion:152 Resp: 53235

Ion Ratio Lower Upper

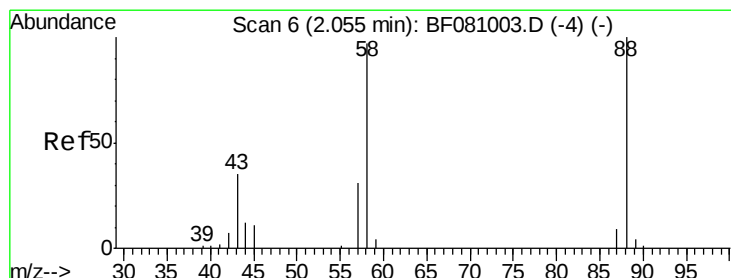
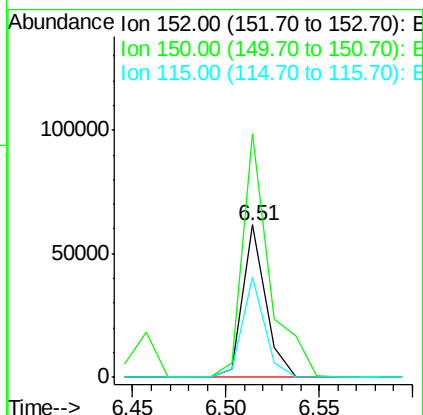
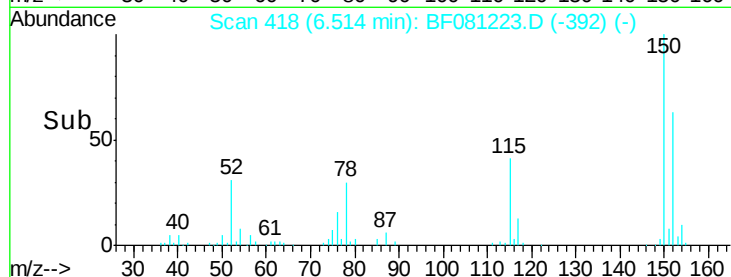
152 100

150 159.5 123.8 185.6

115 65.5 52.1 78.1

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#2

1,4-Dioxane

Concen: 30.53 ng

RT: 1.97 min Scan# 20

Delta R.T. 0.06 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

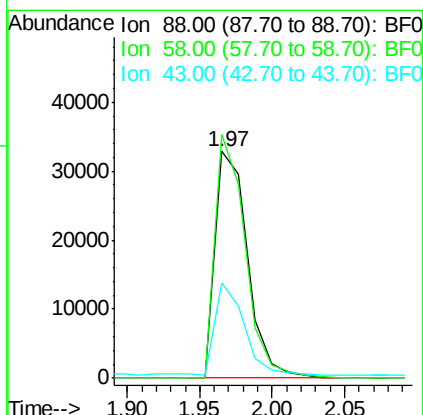
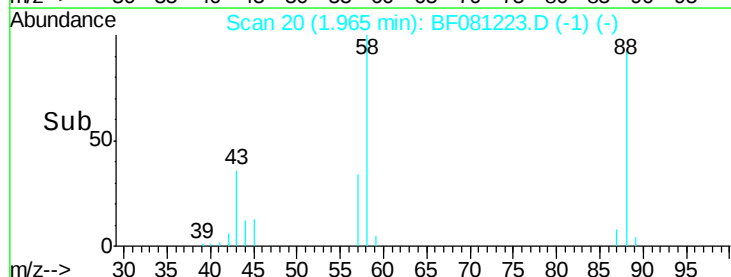
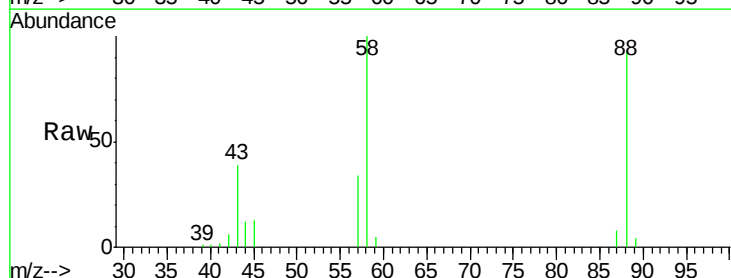
Tgt Ion: 88 Resp: 50915

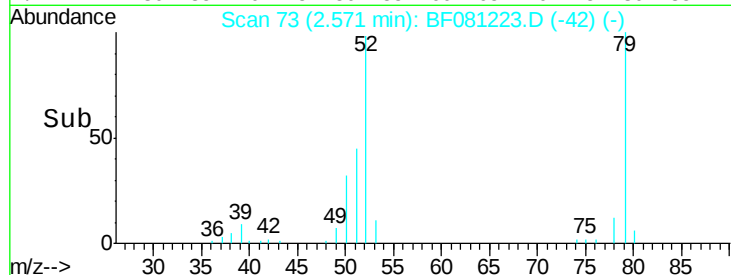
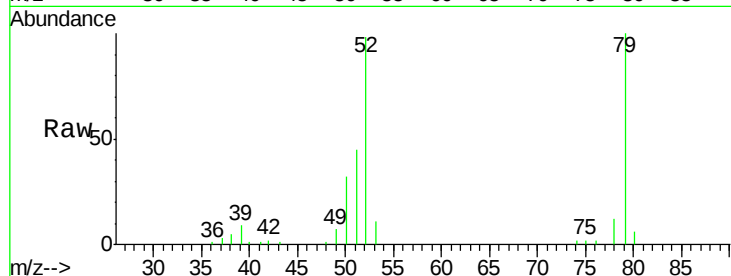
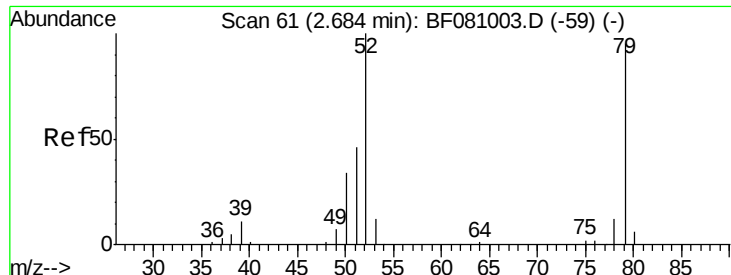
Ion Ratio Lower Upper

88 100

58 100.0 83.7 125.5

43 37.1 37.5 56.3#





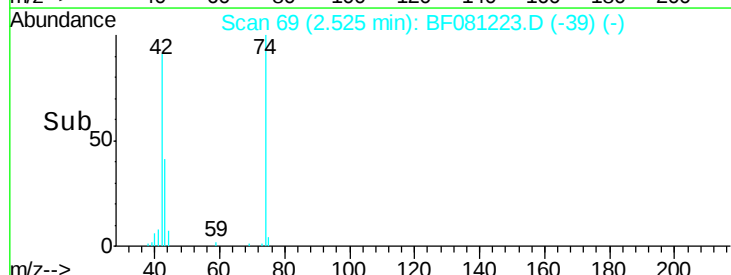
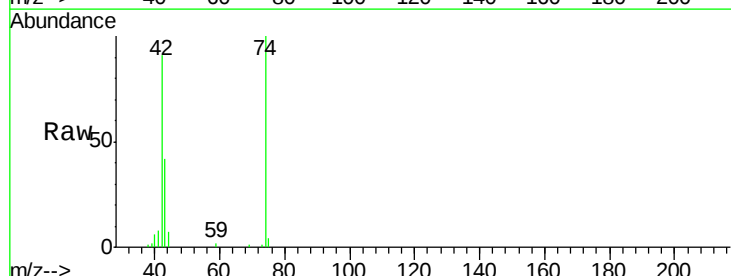
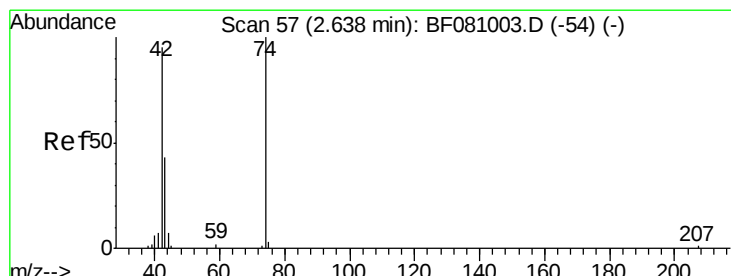
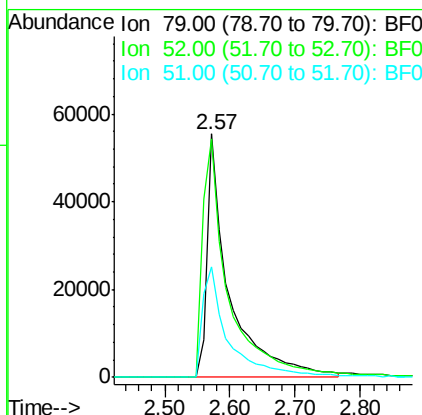
#3
 Pyridine
 Concen: 28.01 ng
 RT: 2.57 min Scan# 73
 Delta R.T. 0.06 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion:	79	Resp:	131862
Ion	Ratio	Lower	Upper
79	100		
52	98.0	95.1	142.7
51	45.5	46.6	70.0#

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 BNA_F
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 PB85176BS

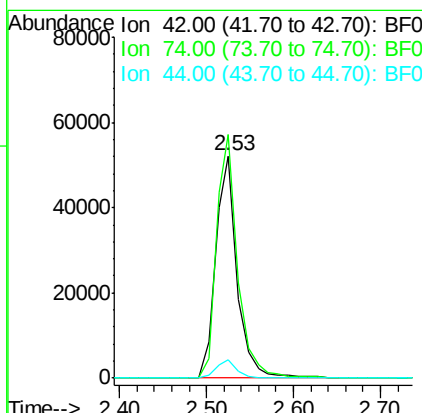
Manual Integrations
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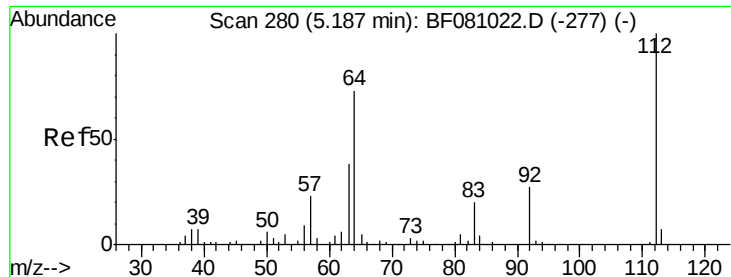
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#4
 n-Nitrosodimethylamine
 Concen: 34.27 ng
 RT: 2.53 min Scan# 69
 Delta R.T. 0.05 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion:	42	Resp:	89812
Ion	Ratio	Lower	Upper
42	100		
74	109.6	69.3	103.9#
44	8.2	5.5	8.3





#5

2-Fluorophenol

Concen: 106.88 ng

RT: 5.09 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081223.D

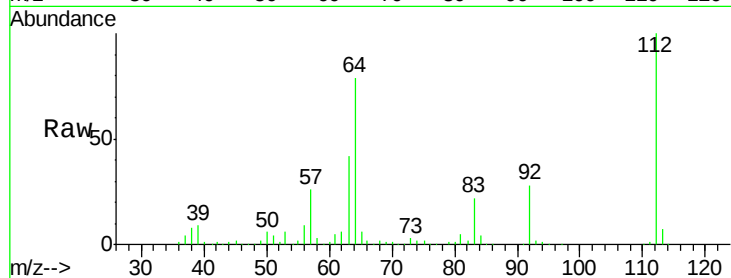
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

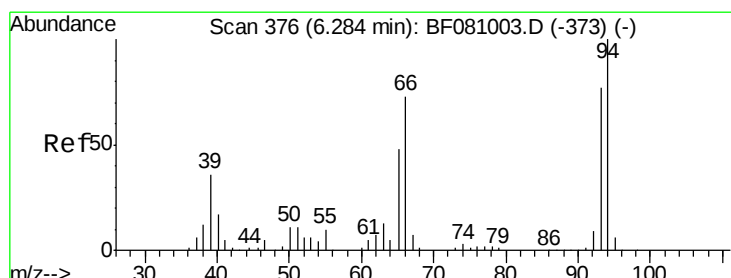
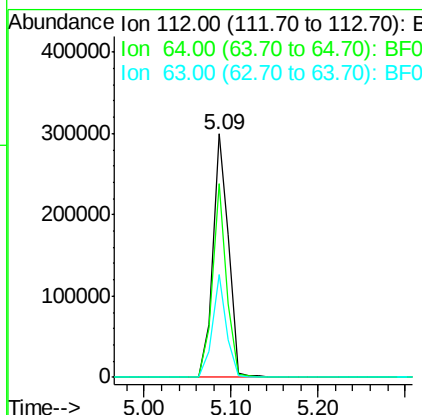
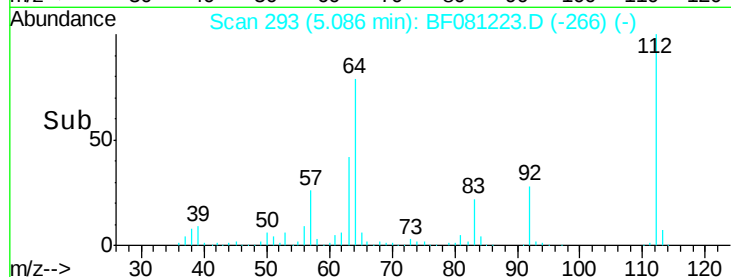
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Tgt Ion:	112	Resp:	378296
Ion Ratio	Lower	Upper	
112	100		
64	79.4	66.9	100.3
63	42.0	38.1	57.1

Manual Integrations
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#6

Aniline

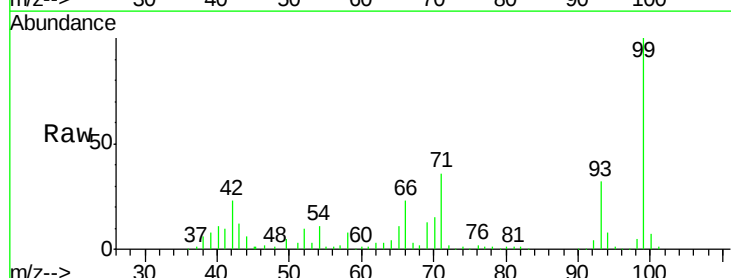
Concen: 25.97 ng

RT: 6.17 min Scan# 388

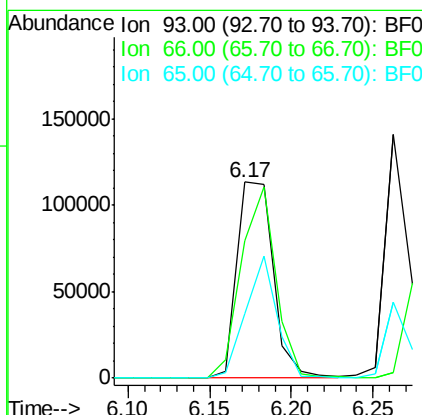
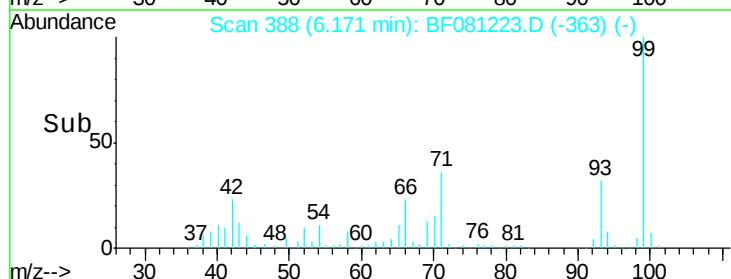
Delta R.T. -0.01 min

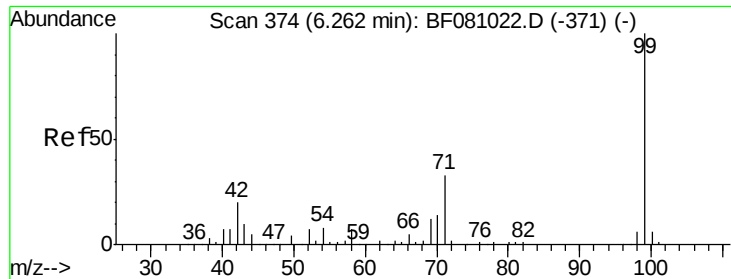
Lab File: BF081223.D

Acq: 26 Aug 2015 20:47



Tgt Ion:	93	Resp:	174371
Ion Ratio	Lower	Upper	
93	100		
66	70.3	35.6	53.4#
65	32.7	18.7	28.1#





#7

Phenol-d6

Concen: 116.41 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

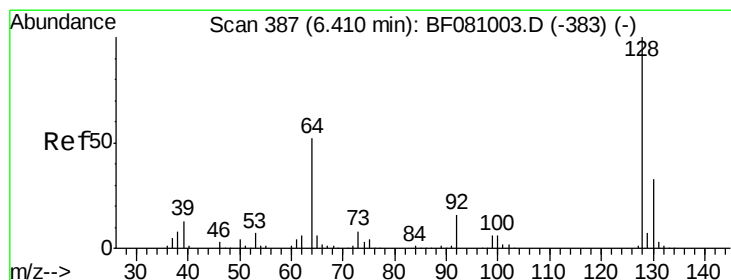
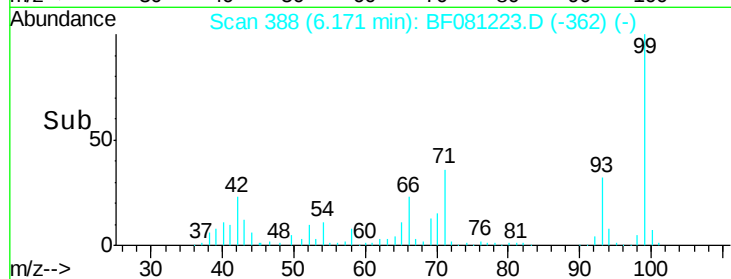
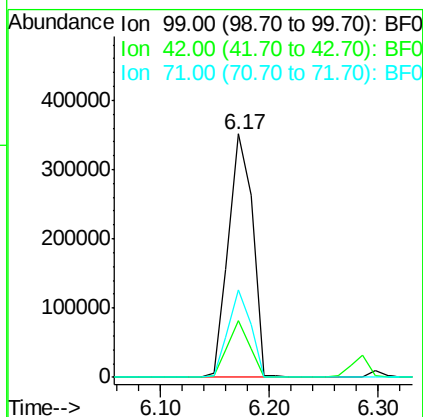
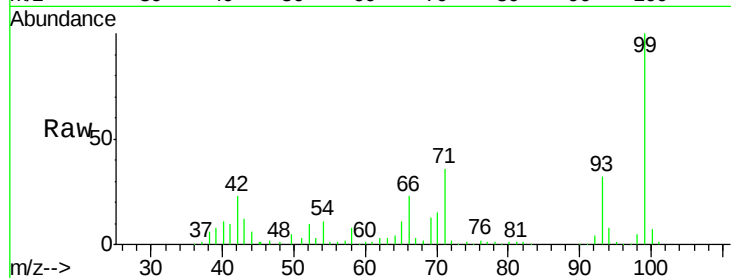
ClientSampleId :

PB85176BS

Tgt Ion:	99	Resp:	537585
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: 36.70 ng

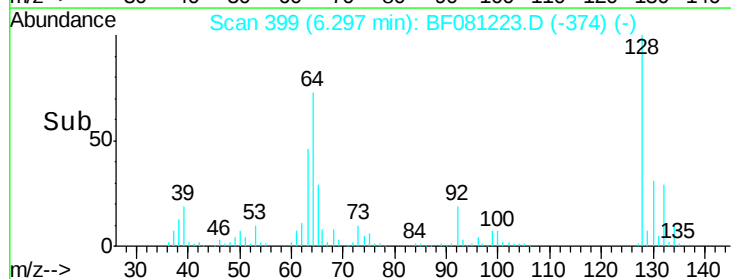
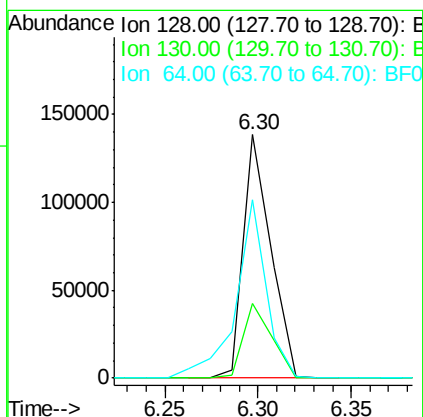
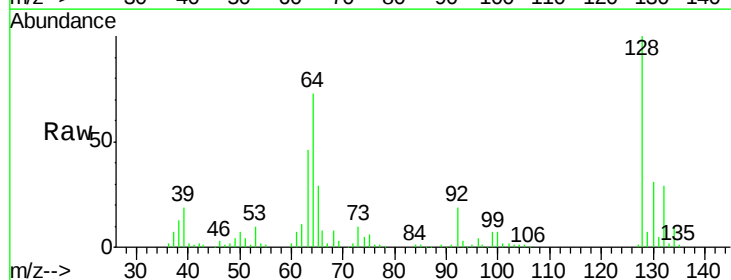
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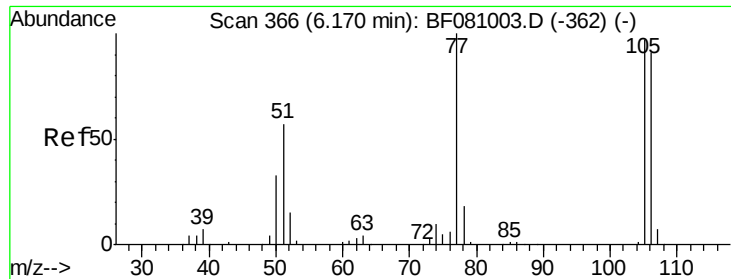
Delta R.T. -0.01 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion:	128	Resp:	142197
Ion Ratio	Lower	Upper	
128	100		
130	30.7	12.5	52.5
64	73.1	46.8	86.8





#9

Benzaldehyde

Concen: 24.77 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

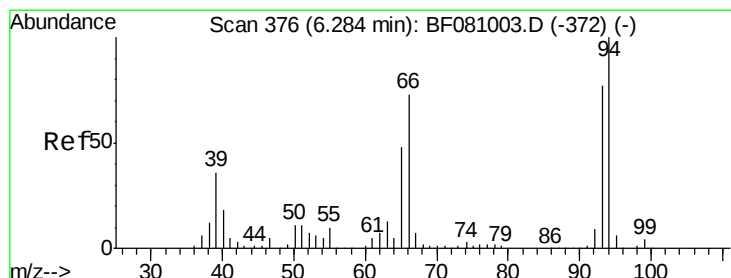
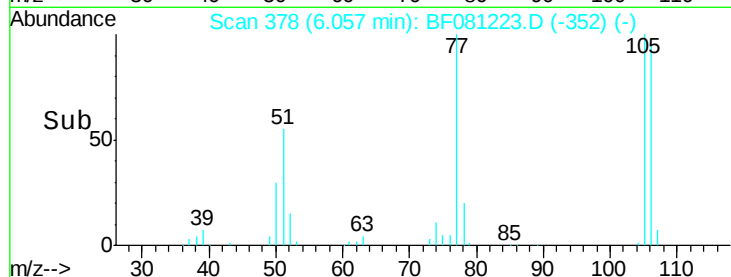
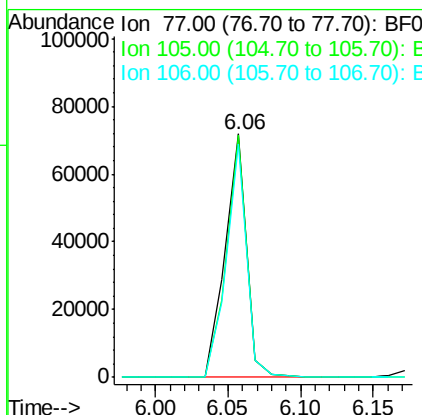
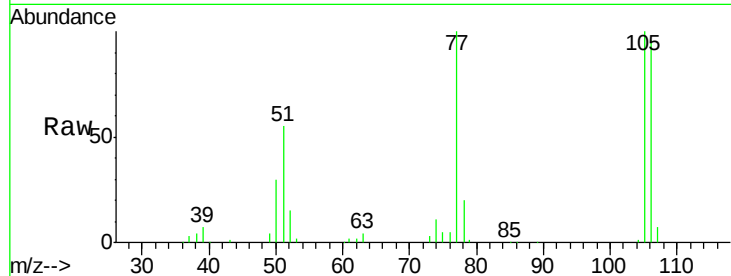
ClientSampleId :

PB85176BS

Manual Integrations
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Tgt Ion:	77	Resp:	73743
Ion	Ratio	Lower	Upper
77	100		
105	99.7	69.6	109.6
106	95.6	64.0	104.0



#10

Phenol

Concen: 31.51 ng

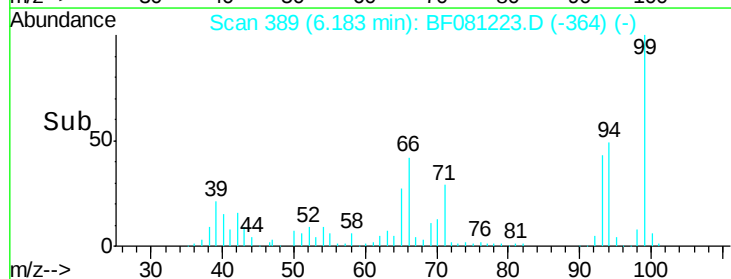
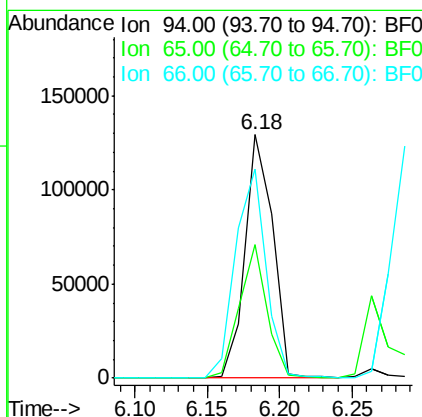
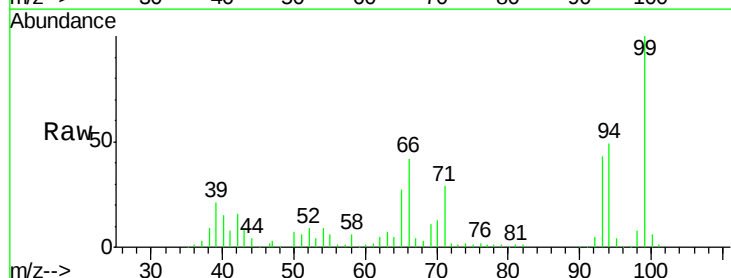
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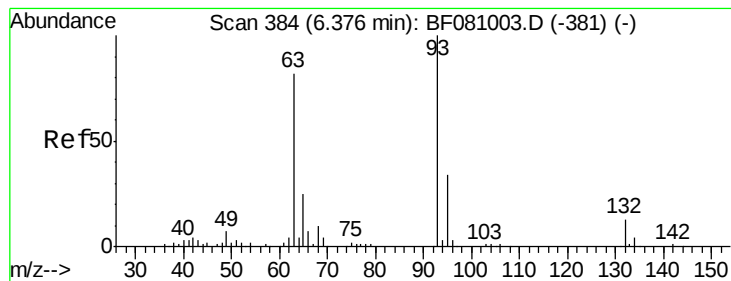
Delta R.T. -0.01 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion:	94	Resp:	171826
Ion	Ratio	Lower	Upper
94	100		
65	54.8	28.4	68.4
66	85.6	52.3	92.3





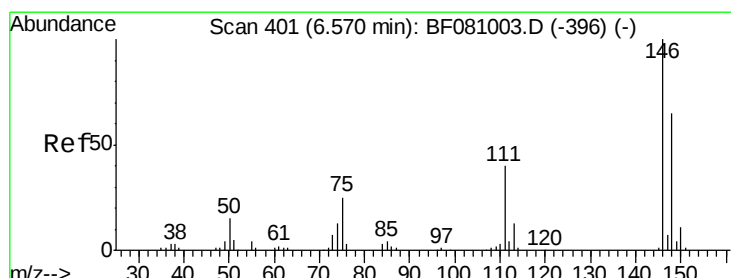
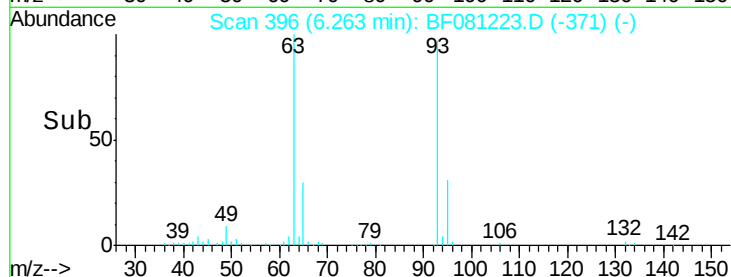
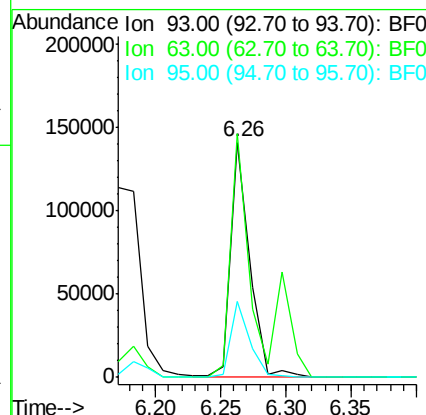
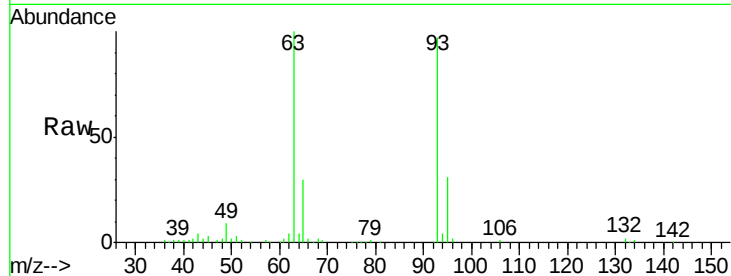
#11
bis(2-Chloroethyl)ether
Concen: 34.64 ng
RT: 6.26 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	103.5	69.6	109.6
95	32.3	12.3	52.3

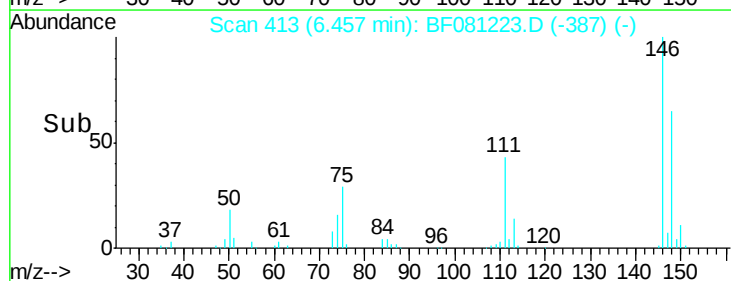
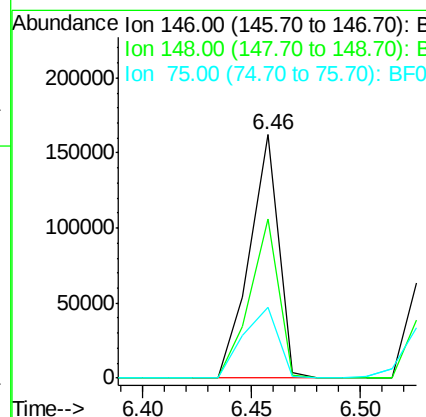
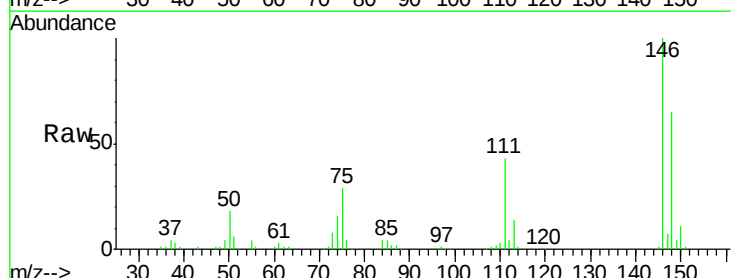
Manual Integrations
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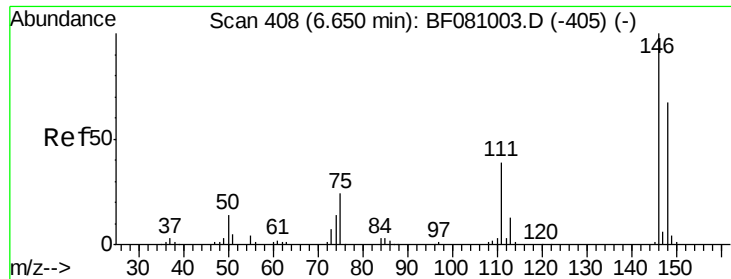
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#12
1,3-Dichlorobenzene
Concen: 36.29 ng
RT: 6.46 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.3	79.9
75	29.0	25.0	37.6





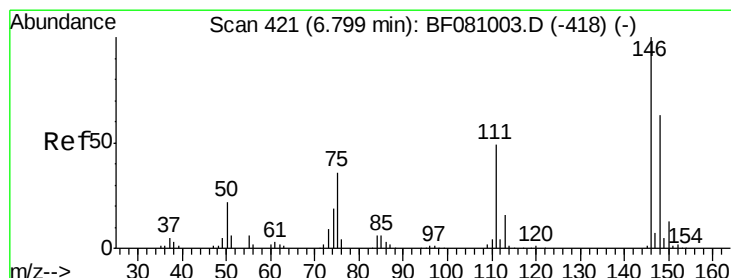
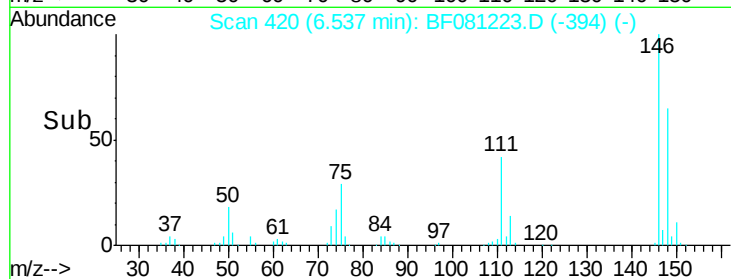
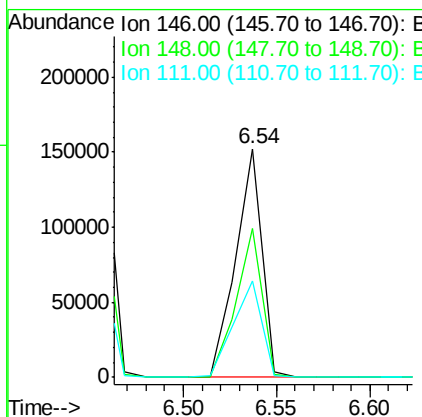
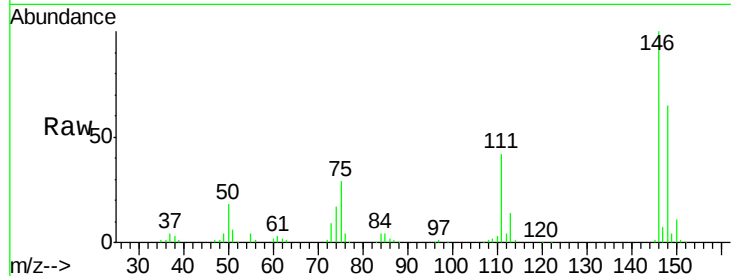
#13
1,4-Dichlorobenzene
Concen: 36.53 ng
RT: 6.54 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	150576		
148	65.3	52.3	78.5	
111	42.3	34.4	51.6	

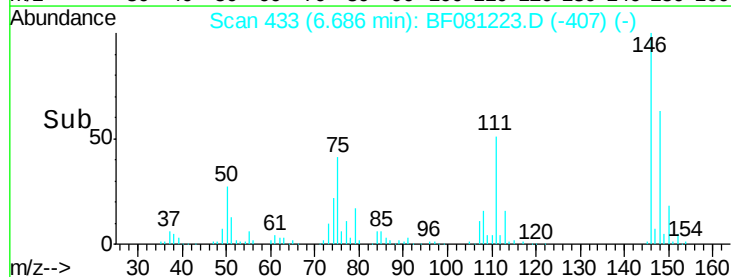
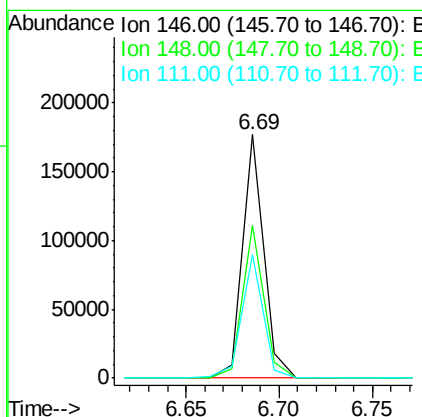
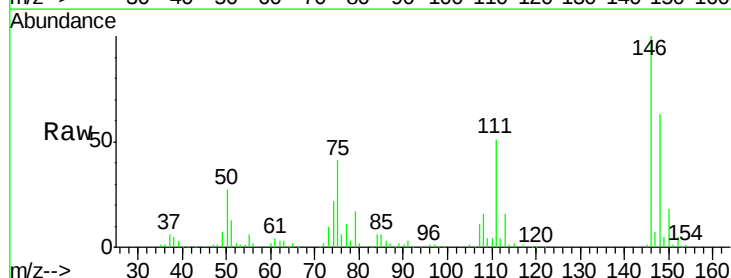
Manual Integrations
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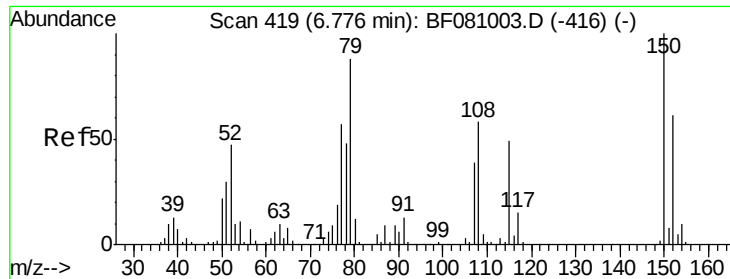
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#14
1,2-Dichlorobenzene
Concen: 36.41 ng
RT: 6.69 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140447		
148	62.6	48.7	73.1	
111	50.8	42.3	63.5	





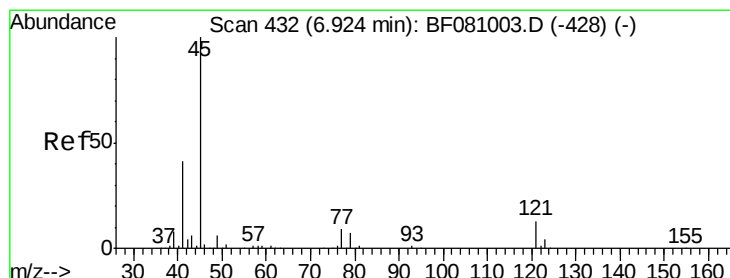
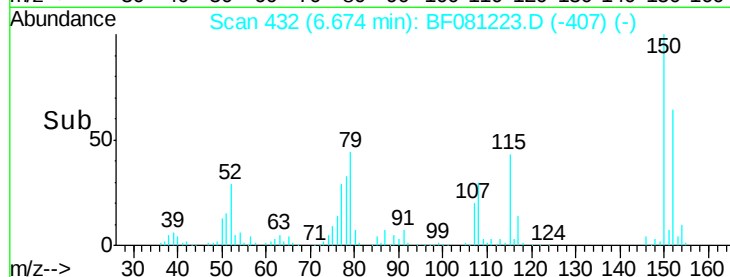
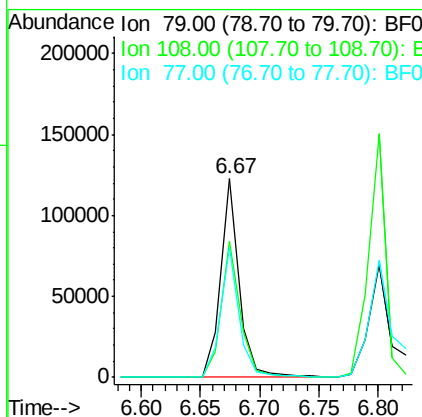
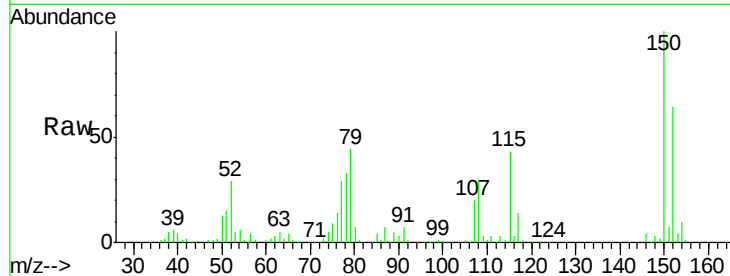
#15
Benzyl Alcohol
Concen: 35.56 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.6	49.4	74.2
77	65.1	51.4	77.0

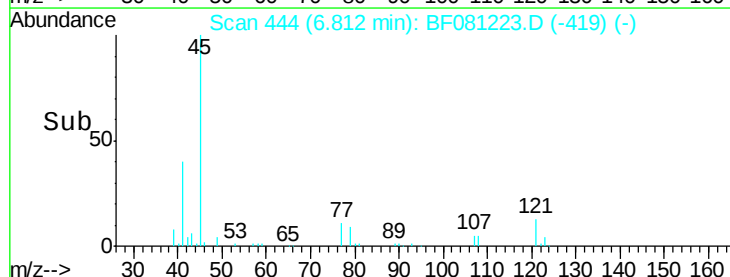
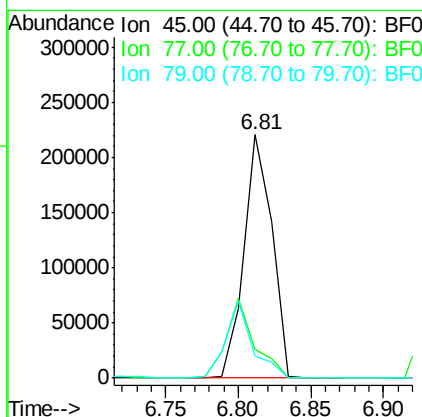
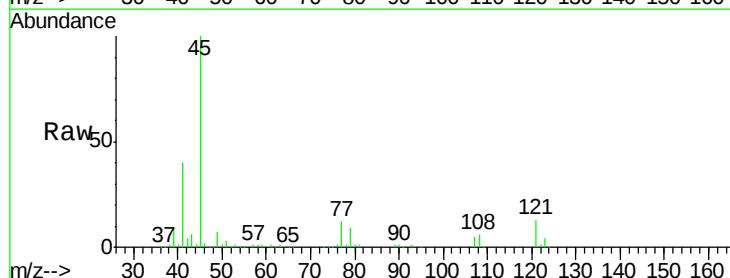
Manual Integrations
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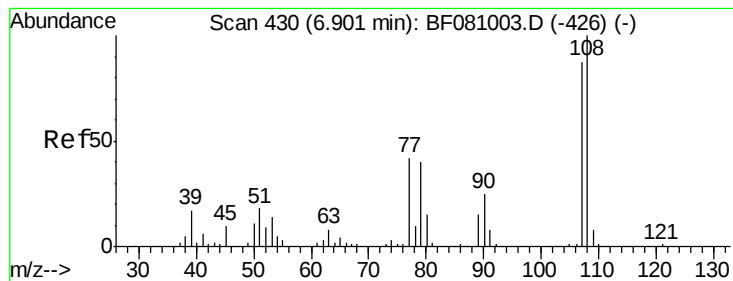
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.79 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	30.2
79	8.9	0.0	28.0





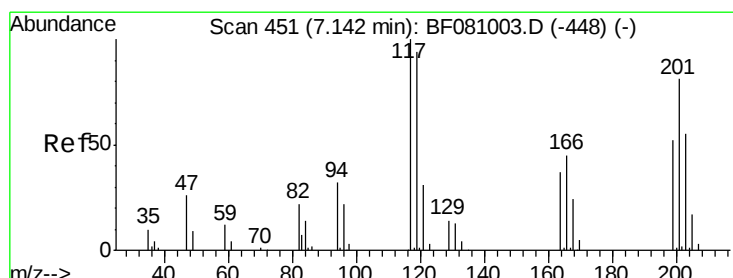
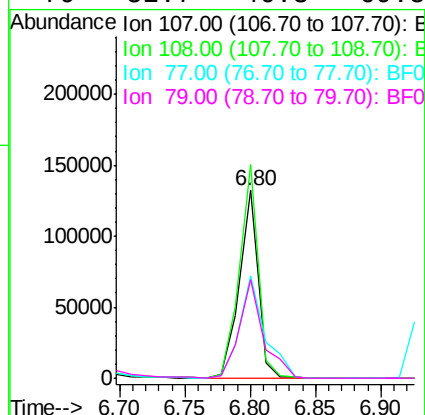
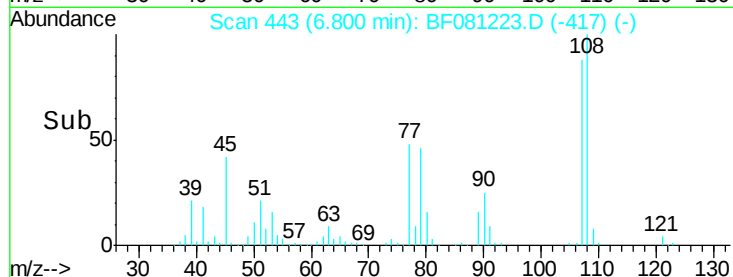
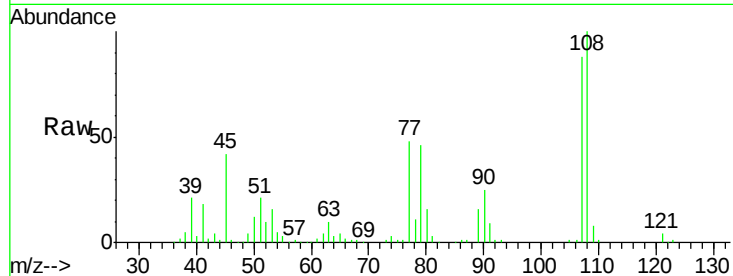
#17
2-Methylphenol
Concen: 39.58 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	131569		
108	113.8	90.4	135.6	
77	54.7	46.5	69.7	
79	52.7	46.3	69.5	

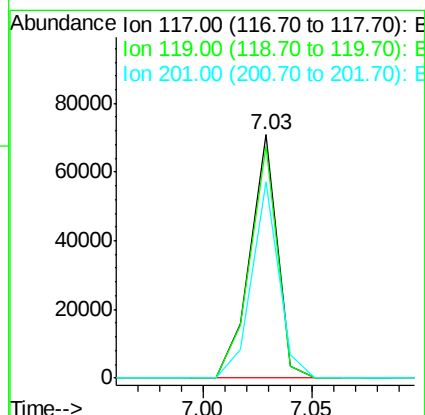
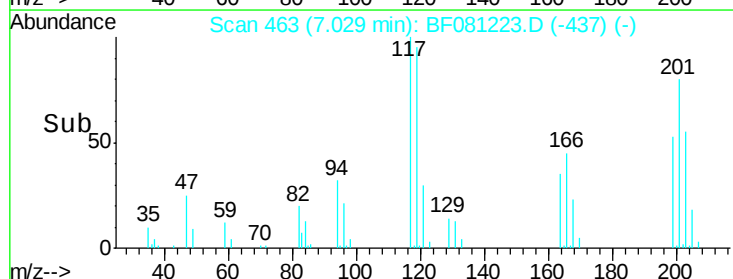
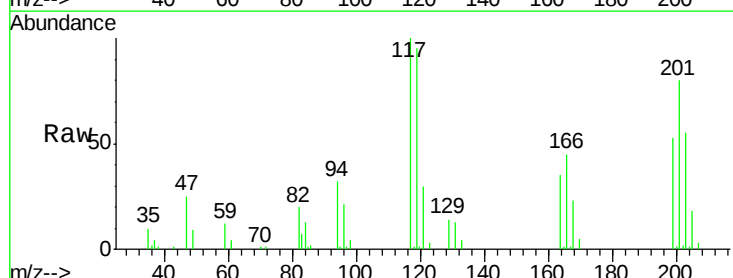
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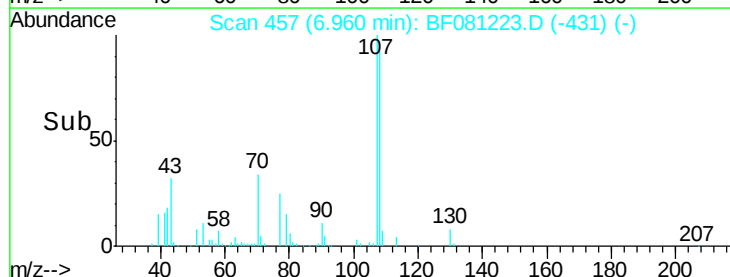
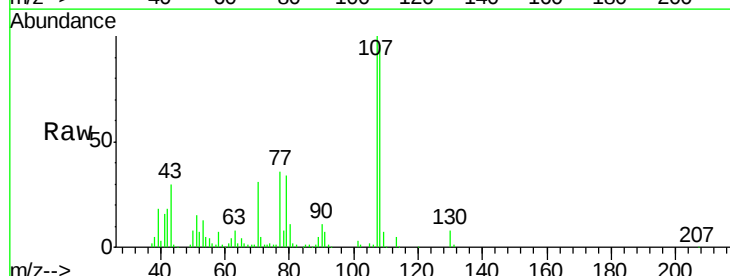
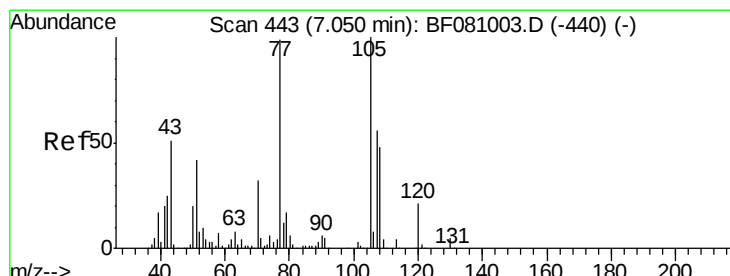
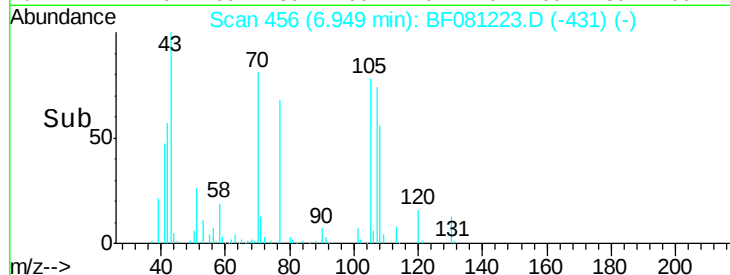
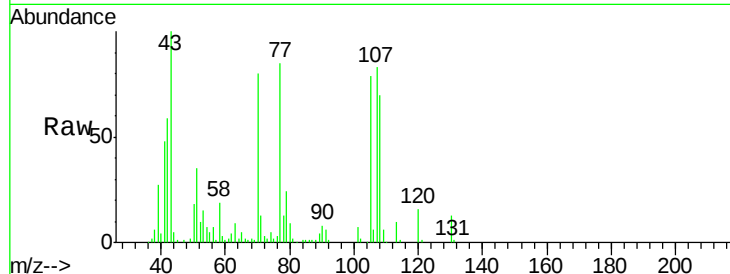
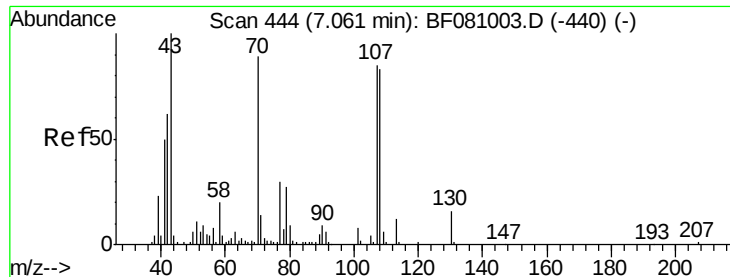
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#18
Hexachloroethane
Concen: 37.14 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61861		
119	95.2	77.9	116.9	
201	80.4	61.3	91.9	





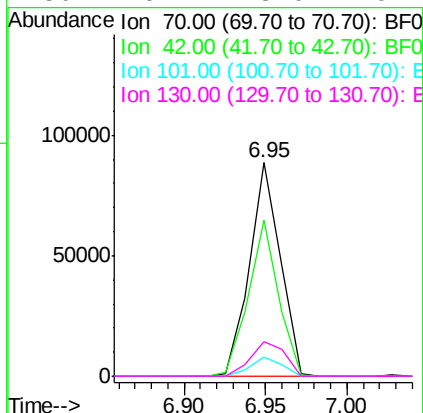
#19
n-Nitroso-di-n-propylamine
Concen: 36.08 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Manual Integrations
APPROVED

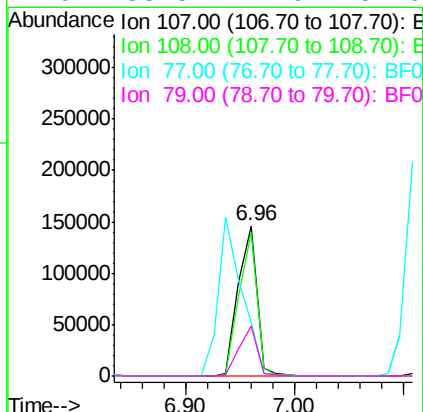
MMDadoda
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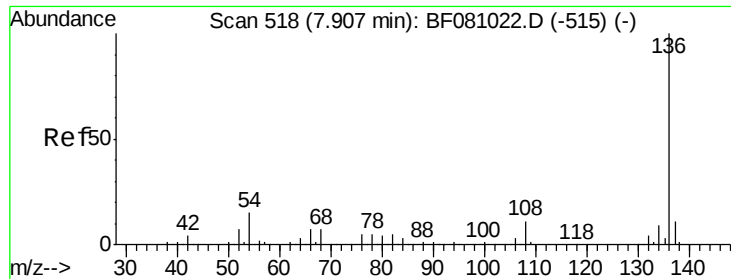
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		115432		
42	73.2	65.0	97.4		
101	9.1	7.4	11.2		
130	16.4	13.0	19.4		



#20
3+4-Methylphenols
Concen: 40.80 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

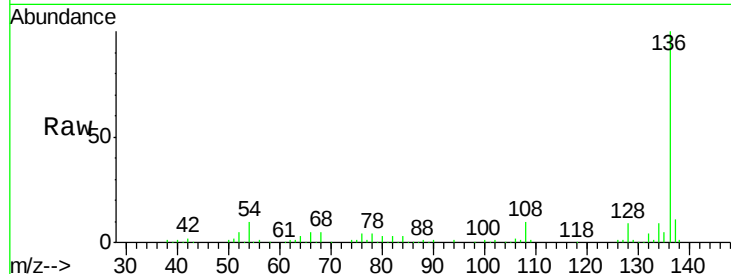
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		172151		
108	95.8	66.1	106.1		
77	36.0	139.3	179.3#		
79	33.5	11.9	51.9		





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

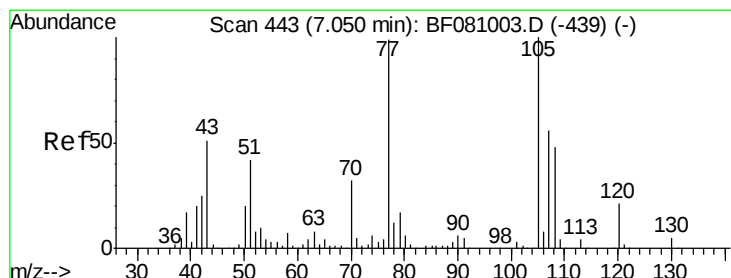
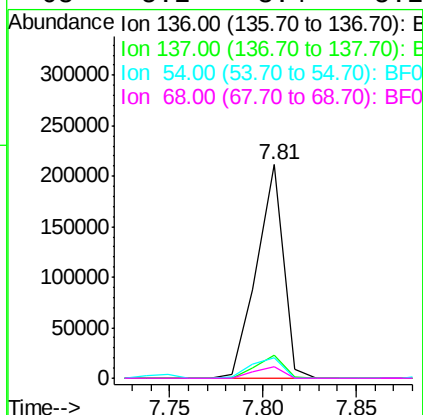
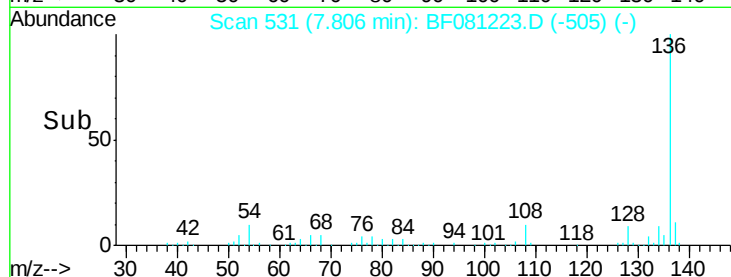
Instrument :
BNA_F
ClientSampleId :
PB85176BS



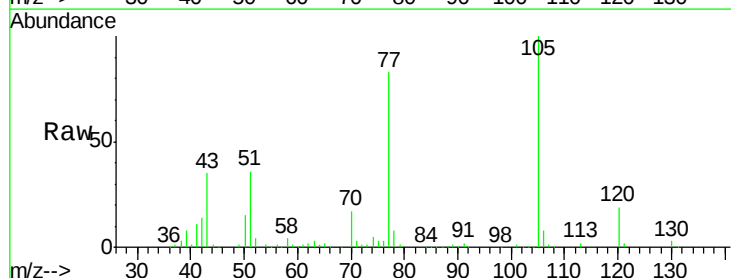
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	213904		
137	10.6	8.2	12.2	
54	9.7	7.7	11.5	
68	5.2	3.4	5.2#	

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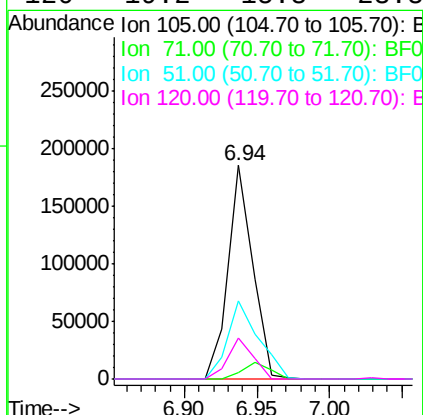
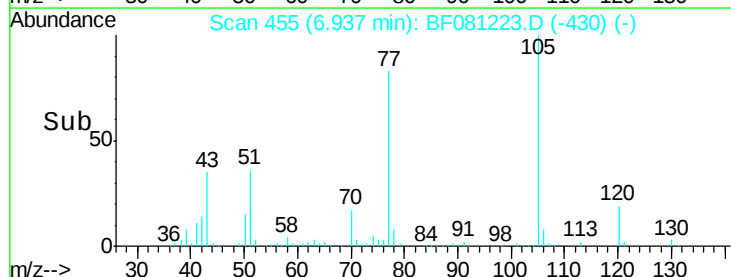
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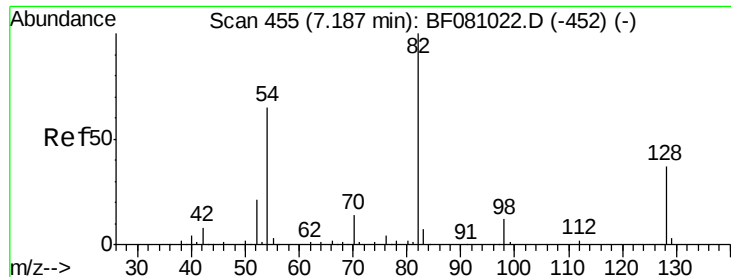


#22
Acetophenone
Concen: 39.07 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219402		
71	2.9	3.0	4.6#	
51	36.4	39.8	59.8#	
120	19.2	15.8	23.8	





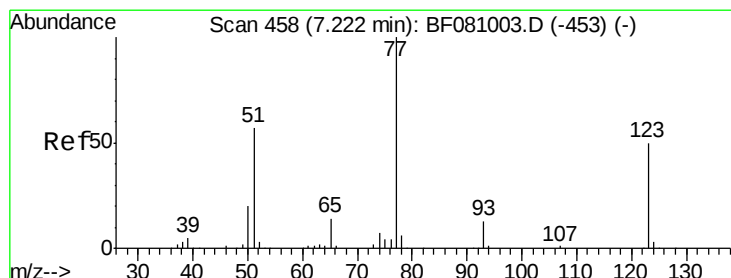
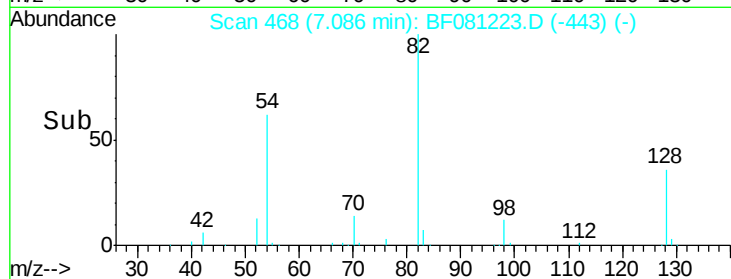
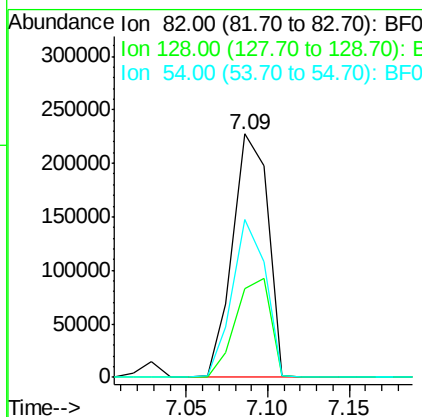
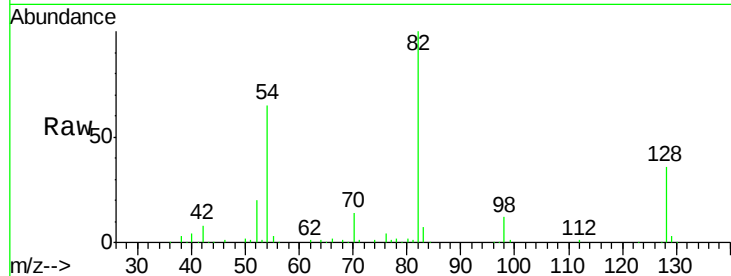
#23
 Nitrobenzene-d5
 Concen: 72.92 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	341466		
128	36.3	28.6	42.8	
54	64.9	55.1	82.7	

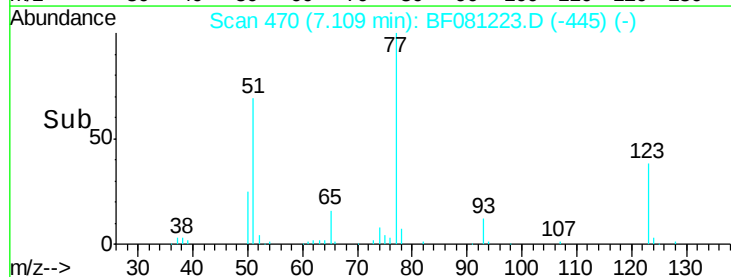
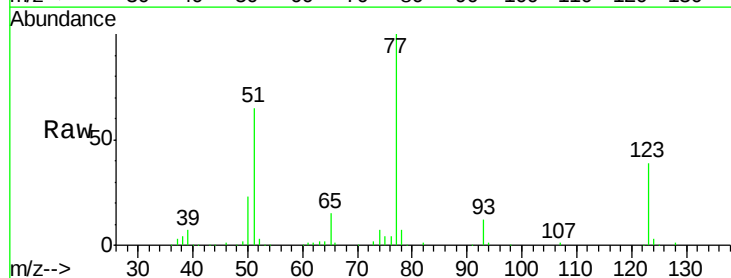
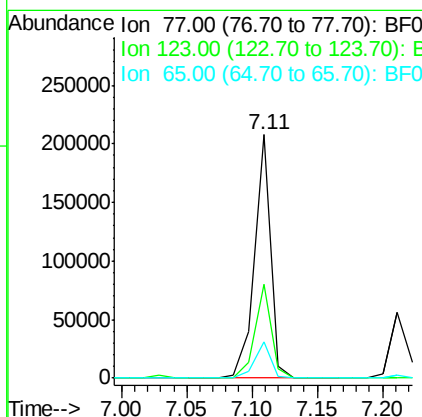
Manual Integrations
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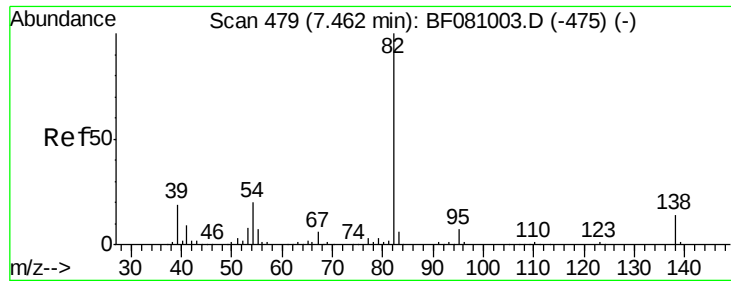
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#24
 Nitrobenzene
 Concen: 36.78 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	180057		
123	38.6	32.9	49.3	
65	15.0	12.5	18.7	





#25

Isophorone

Concen: 36.93 ng

RT: 7.36 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF081223.D

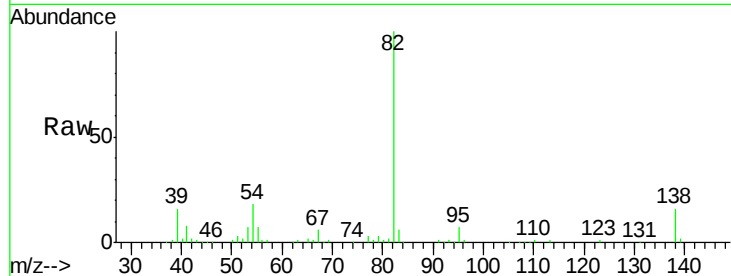
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

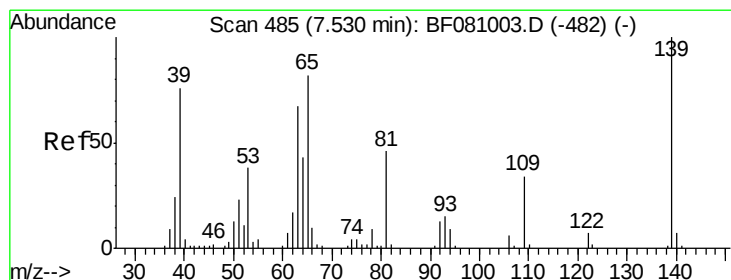
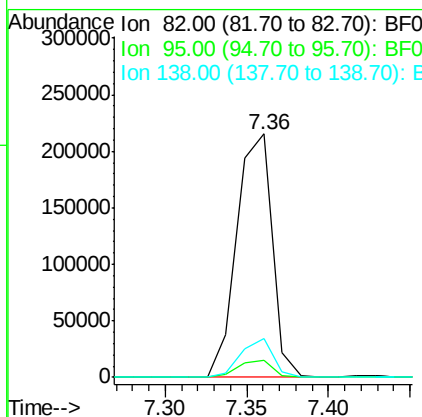
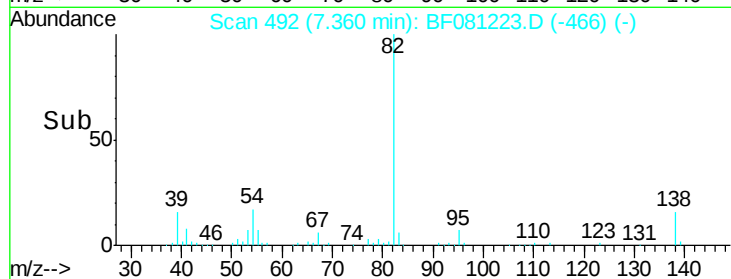
PB85176BS



Tgt Ion	82	95	138
Ratio	100	7.2	15.9
Resp	322449	6.2	10.5
Lower			
Upper		9.2	15.7#

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#26

2-Nitrophenol

Concen: 40.94 ng

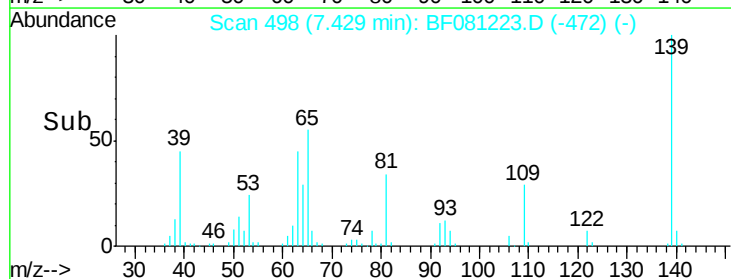
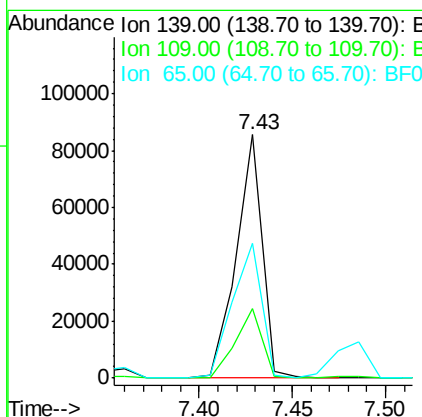
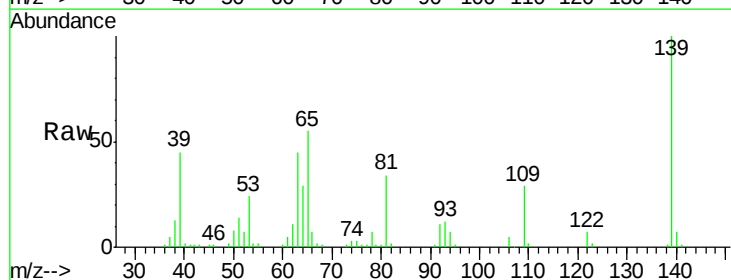
RT: 7.43 min Scan# 498

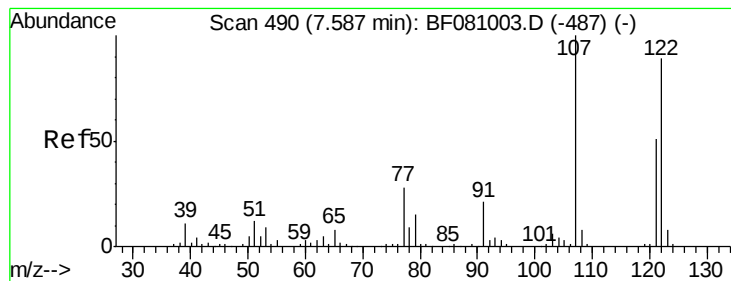
Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion	139	109	65
Ratio	100	28.7	55.2
Resp	83363	32.1	69.9
Lower			
Upper		48.1#	104.9#





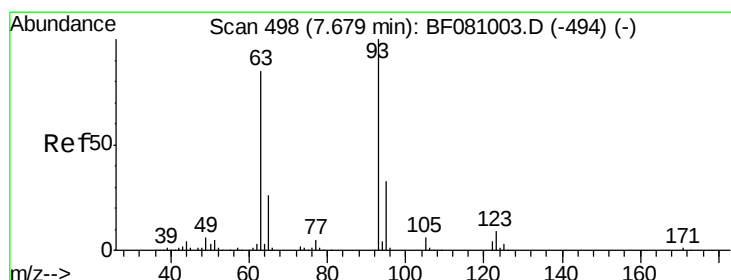
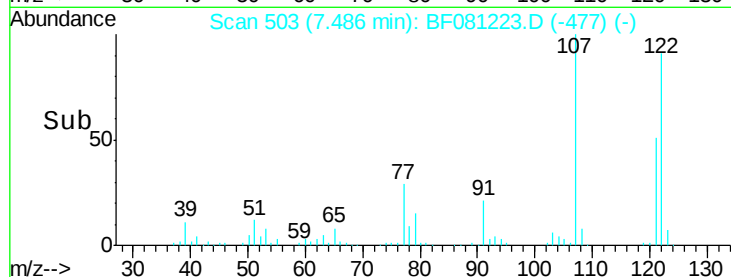
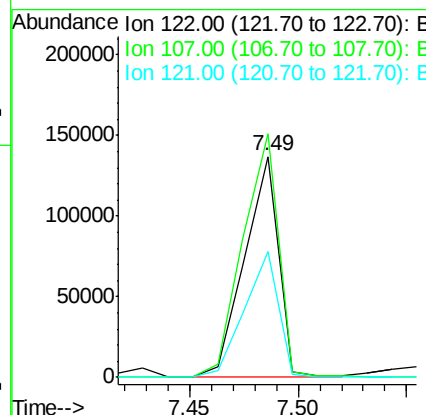
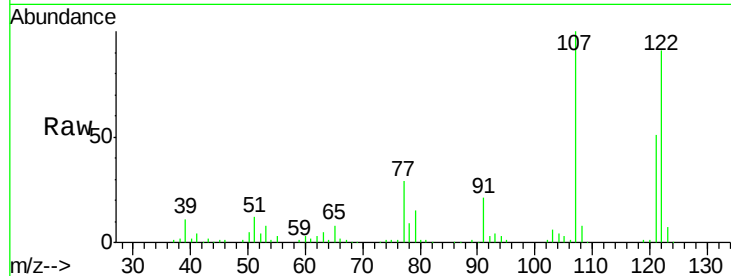
#27
 2,4-Dimethylphenol
 Concen: 41.27 ng
 RT: 7.49 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	148664		
107	110.4	103.8	155.6	
121	56.8	47.0	70.4	

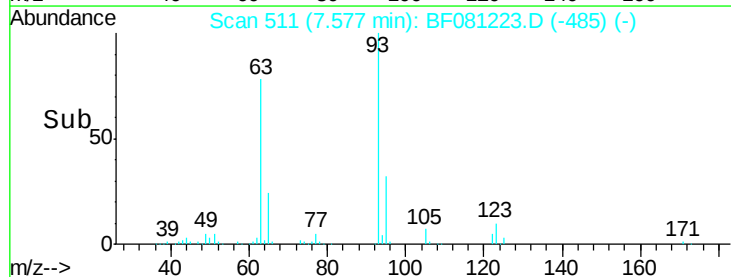
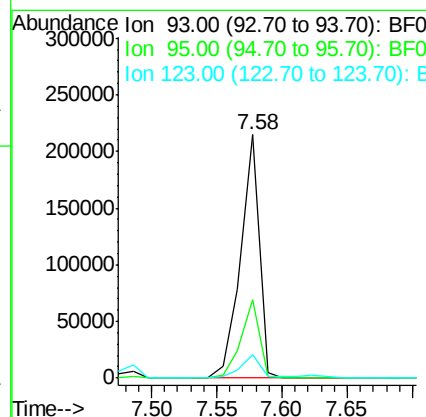
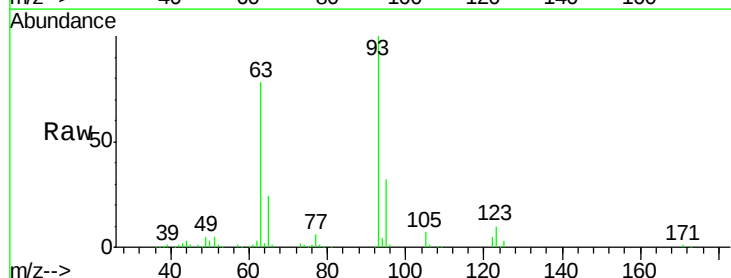
Manual Integrations
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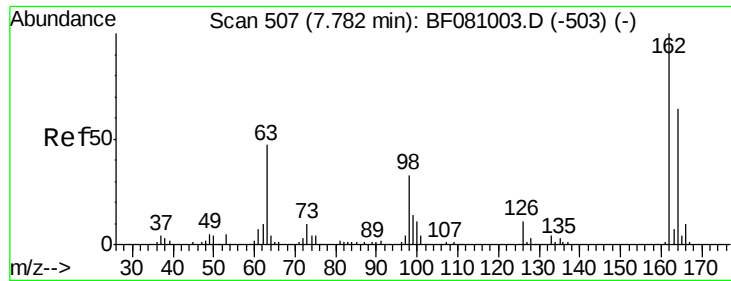
MMDadoda
 8/27/2015 2:32:26 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.02 ng
 RT: 7.58 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211630		
95	32.4	25.8	38.8	
123	9.7	7.4	11.0	





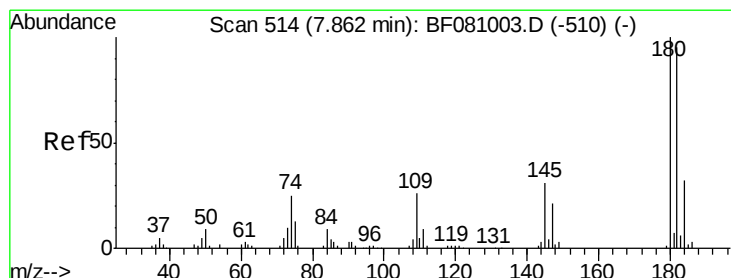
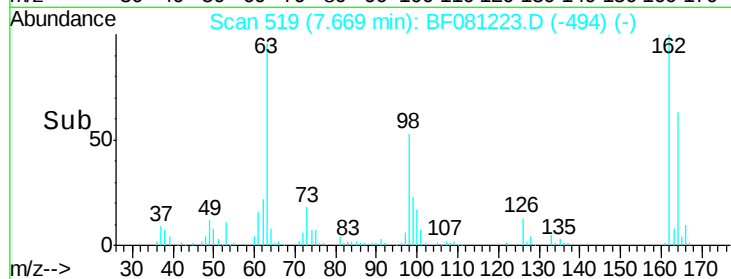
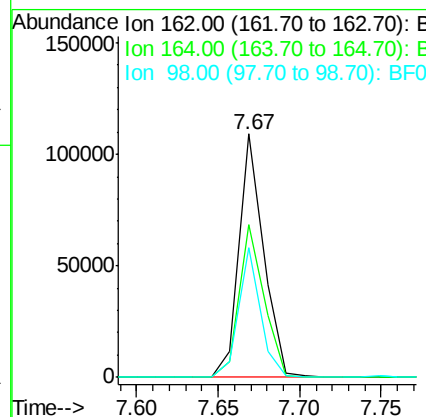
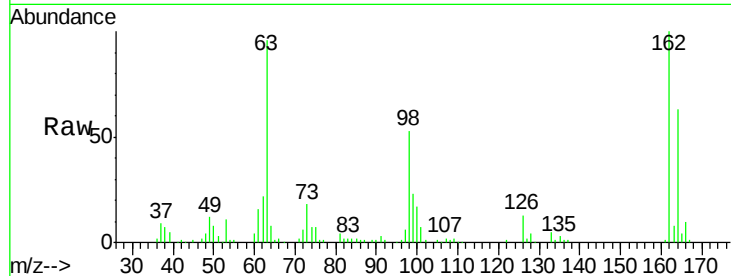
#29
 2,4-Dichlorophenol
 Concen: 37.24 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	43.2	83.2
98	53.0	12.3	52.3

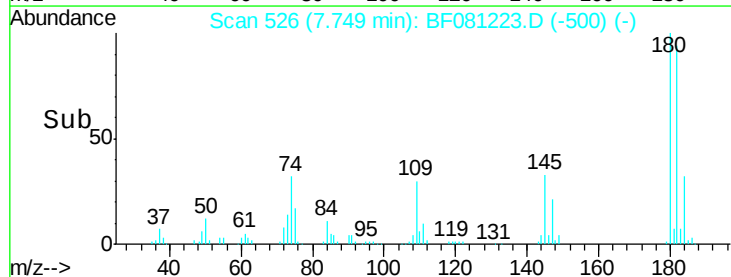
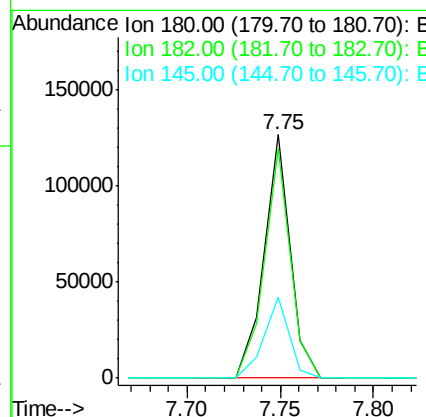
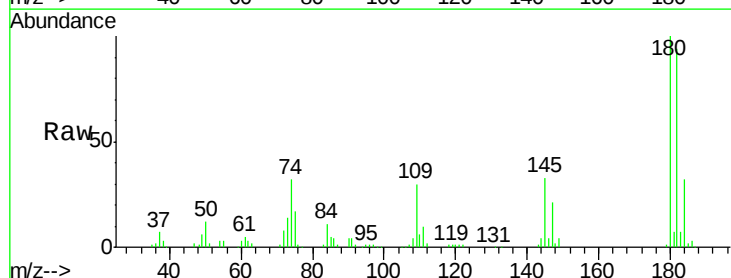
Manual Integrations
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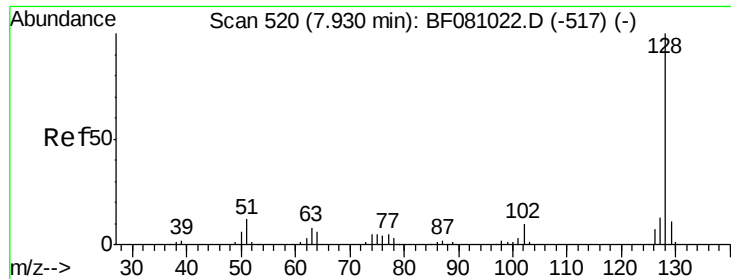
MMDadoda
 8/27/2015 2:32:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.20 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	76.4	114.6
145	33.2	25.4	38.2





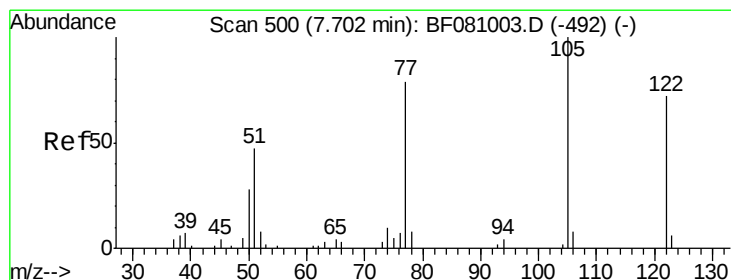
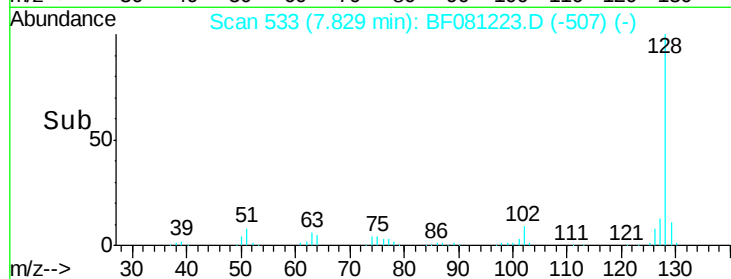
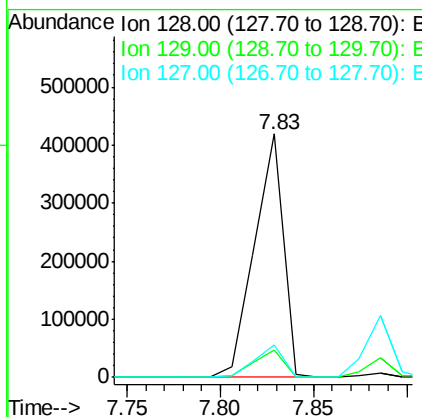
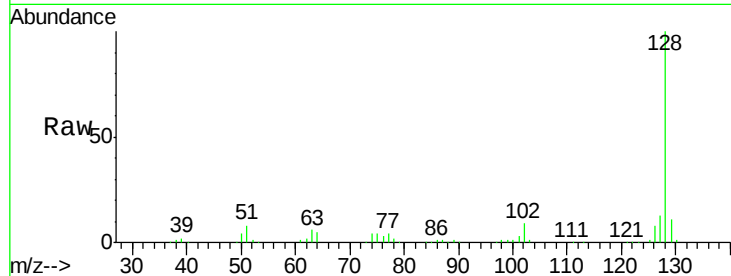
#31
Naphthalene
Concen: 37.57 ng
RT: 7.83 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	447988		
129	11.0	8.4	12.6	
127	13.4	10.6	16.0	

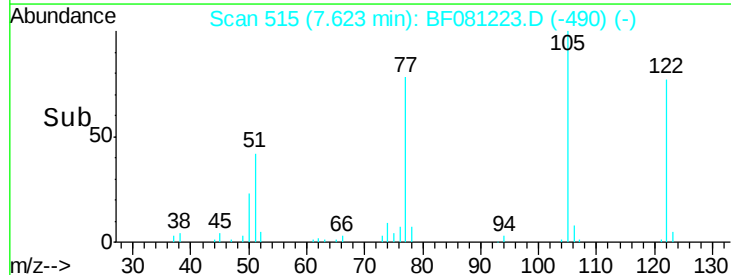
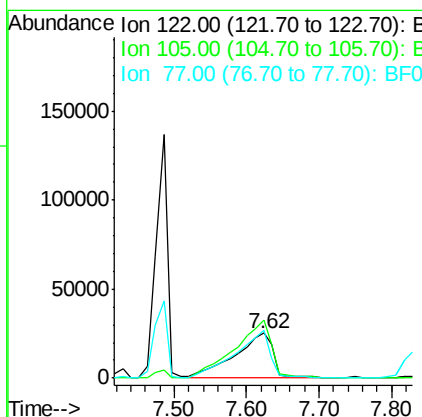
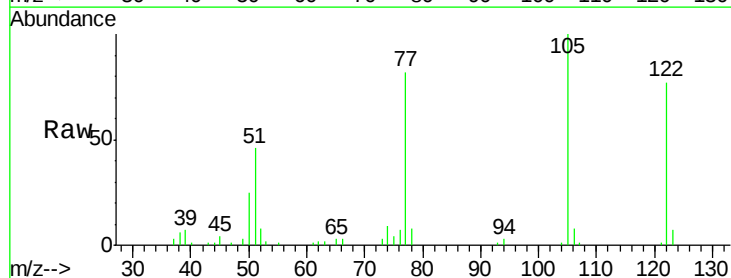
Manual Integrations
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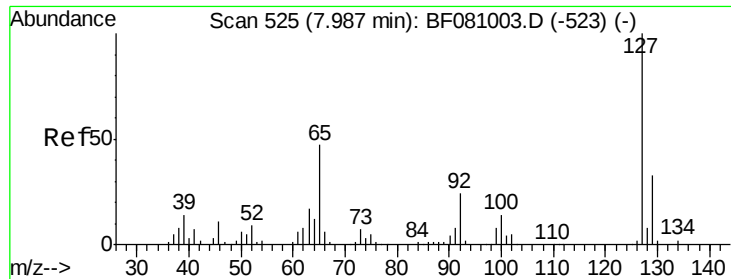
MMDadoda
8/27/2015 2:32:26 PM



#32
Benzoic acid
Concen: 45.15 ng
RT: 7.62 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	91472		
105	129.4	113.8	153.8	
77	106.1	93.8	133.8	





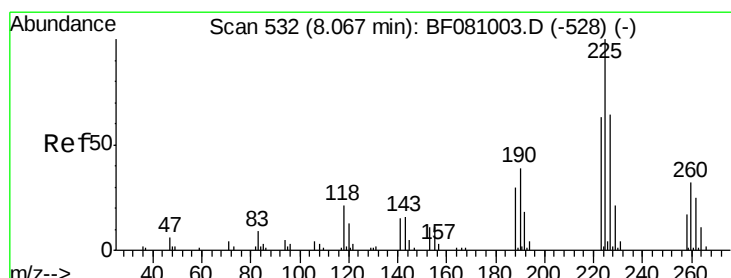
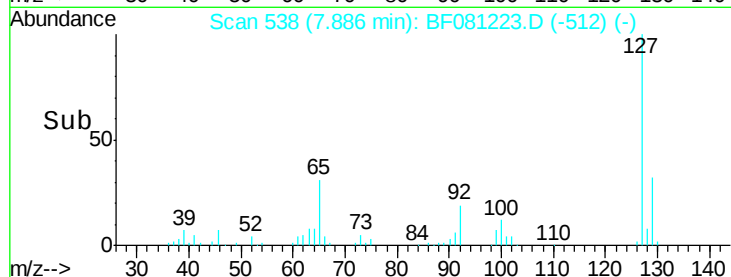
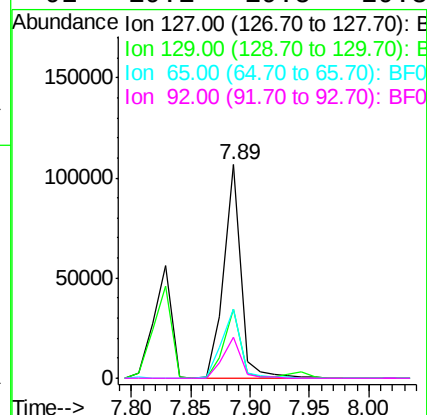
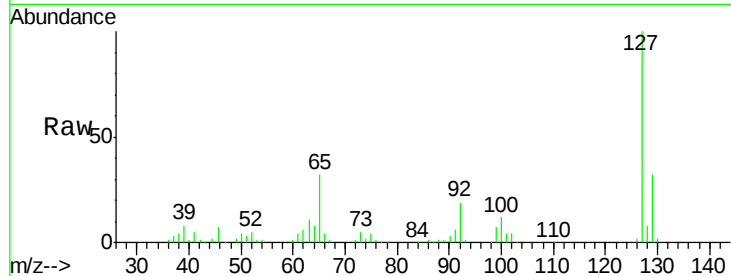
#33
4-Chloroaniline
Concen: 20.94 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	105372		
129	32.2	25.2	37.8	
65	32.1	37.8	56.6	
92	19.1	19.5	29.3	

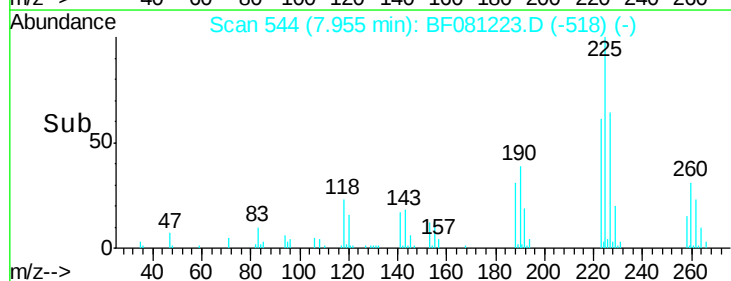
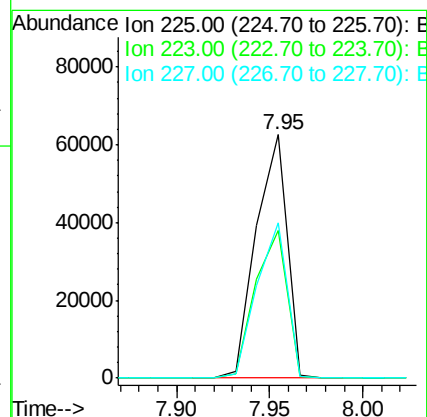
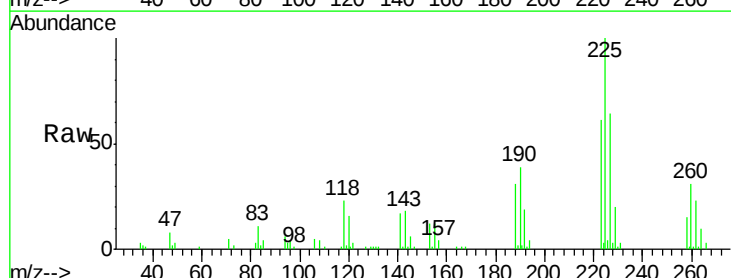
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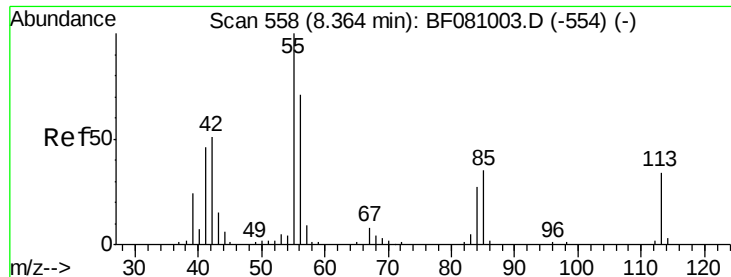
MMDadoda
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#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71473		
223	60.6	52.6	79.0	
227	63.6	51.1	76.7	





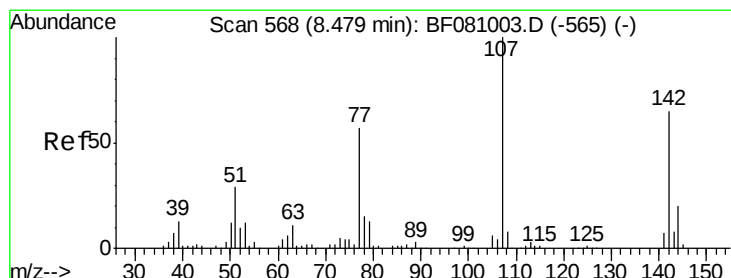
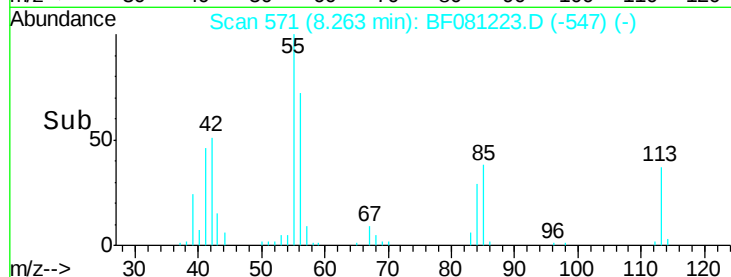
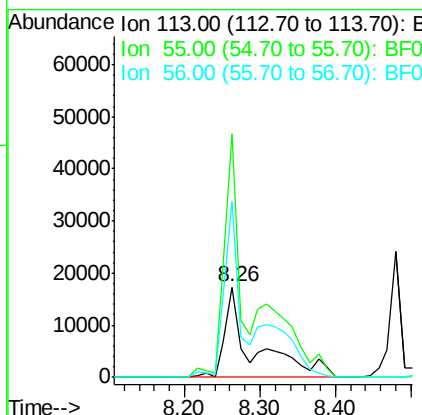
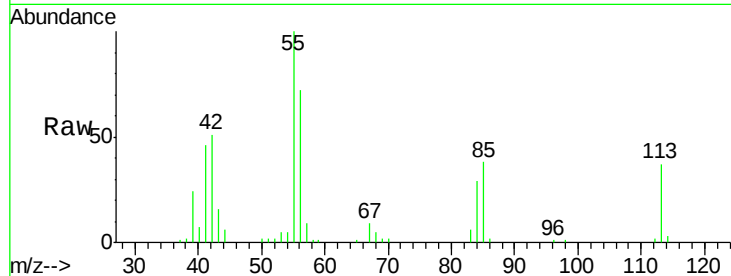
#35
 Caprolactam
 Concen: 42.64 ng m
 RT: 8.26 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion:113 Resp: 45197
 Ion Ratio Lower Upper
 113 100
 55 270.4 280.4 320.4#
 56 195.4 205.9 245.9#

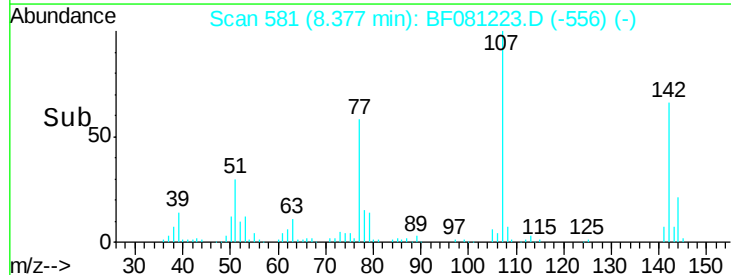
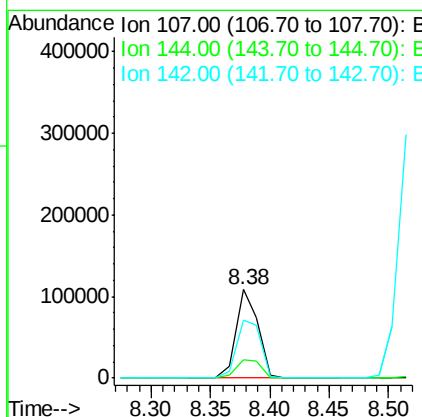
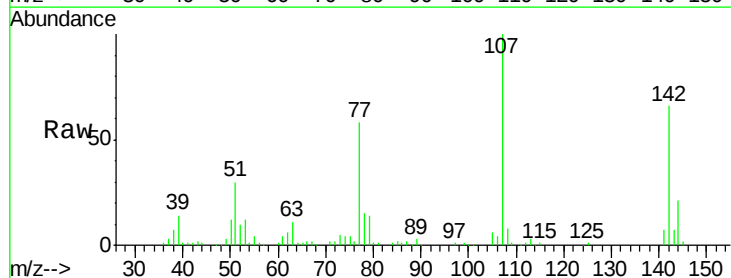
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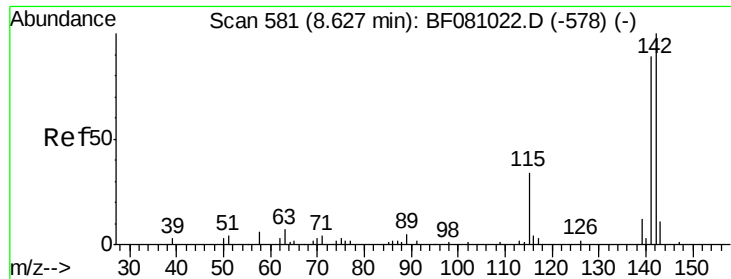
MMDadoda
 8/27/2015 2:32:26 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.22 ng
 RT: 8.38 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

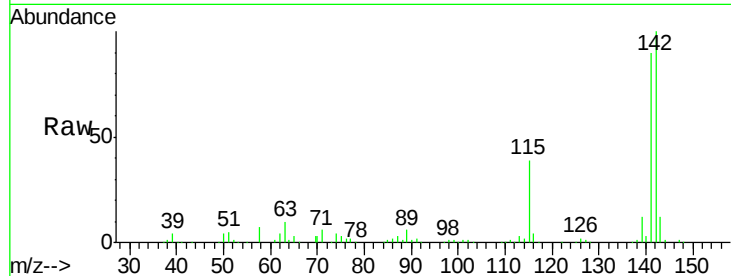
Tgt Ion:107 Resp: 138138
 Ion Ratio Lower Upper
 107 100
 144 20.7 17.2 25.8
 142 66.0 54.9 82.3





#37
 2-Methylnaphthalene
 Concen: 36.28 ng
 RT: 8.51 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

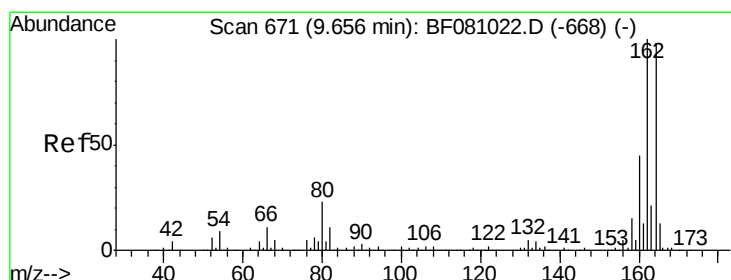
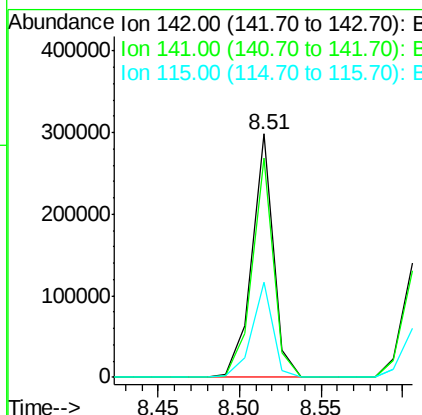
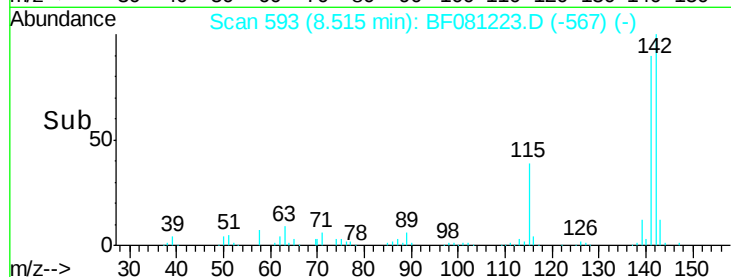
Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS



Tgt Ion	Ratio	Resp	Lower	Upper
142	100	273267		
141	90.2	71.4	107.2	
115	39.0	33.4	50.0	

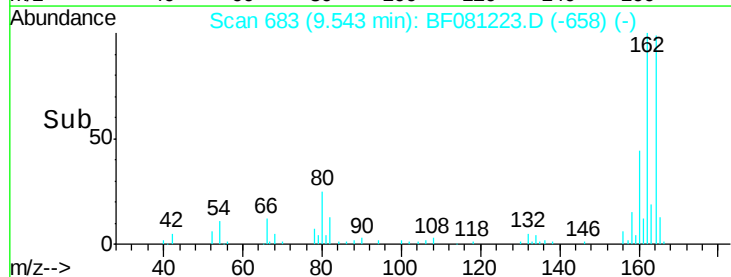
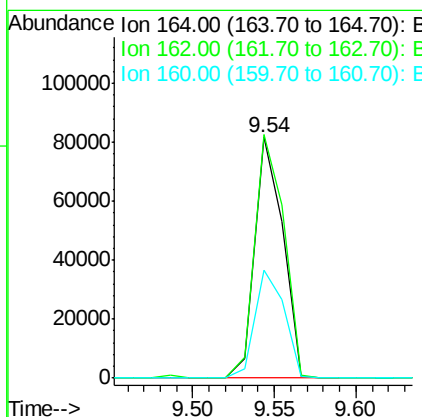
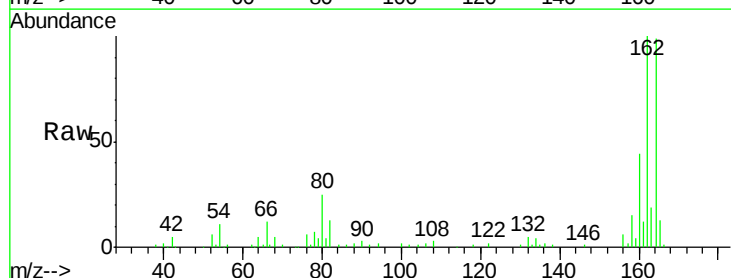
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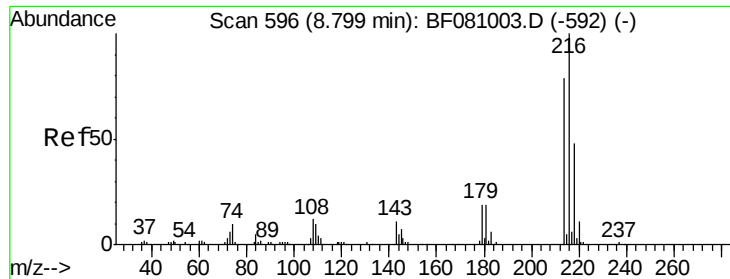
MMDadoda
 8/27/2015 2:32:26 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97712		
162	101.1	83.8	125.8	
160	44.8	39.8	59.8	





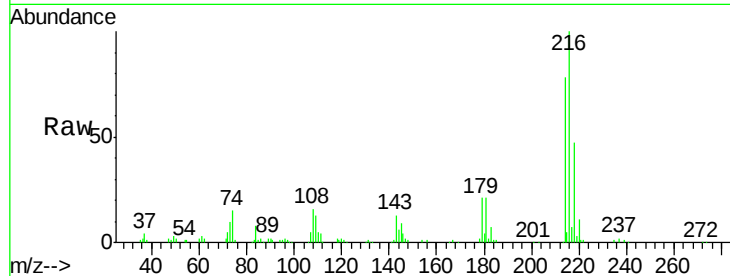
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.62 ng
 RT: 8.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

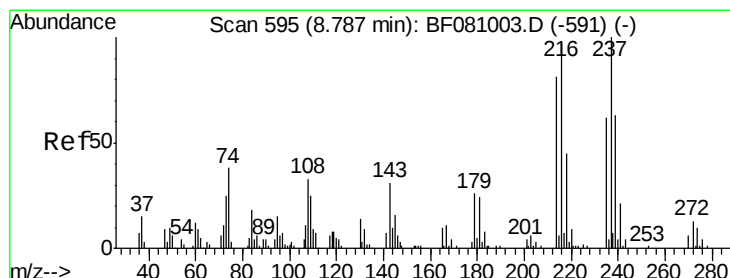
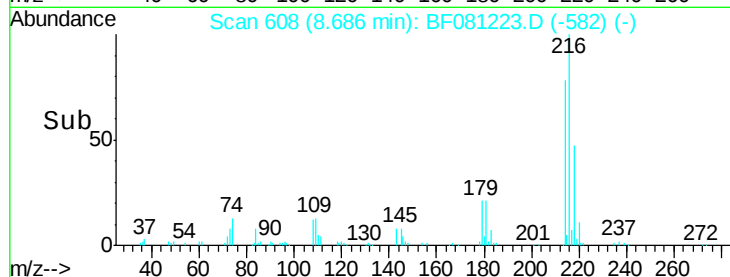
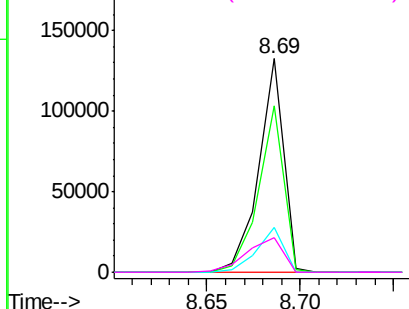
Manual Integrations
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 8/27/2015 2:32:26 PM

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	22.5	17.8	26.8
108	23.1	16.2	24.2

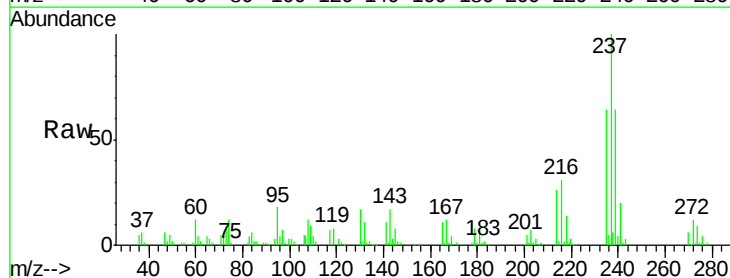


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

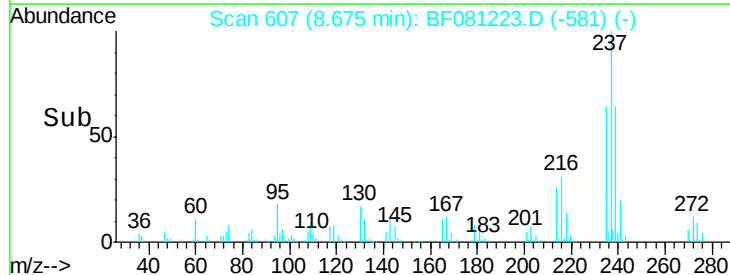
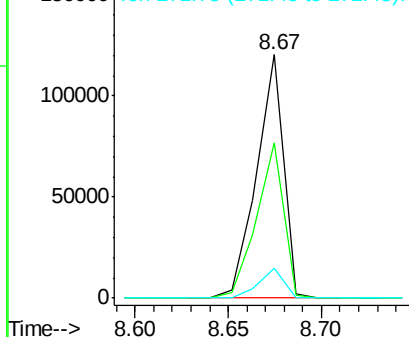


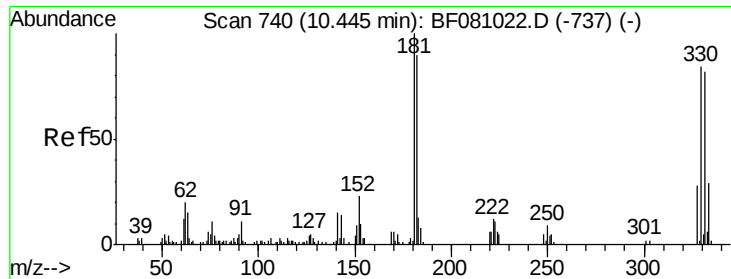
#40
 Hexachlorocyclopentadiene
 Concen: 73.52 ng
 RT: 8.67 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.6	83.6
272	12.0	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: 103.11 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF081223.D

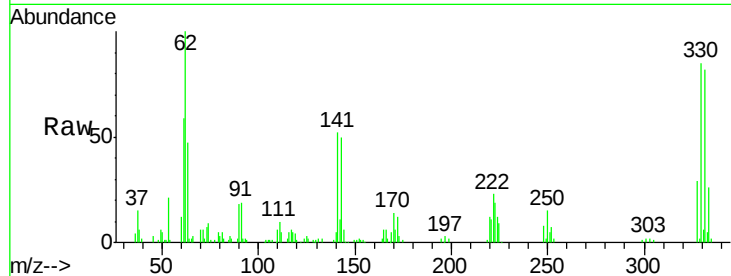
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

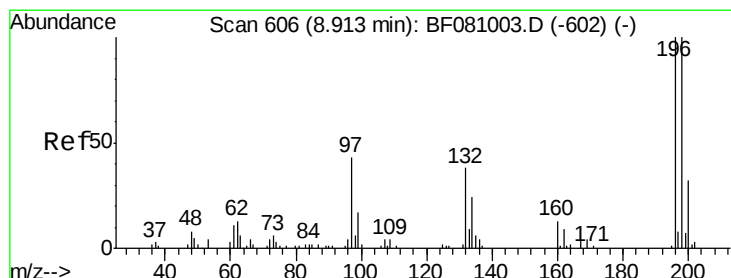
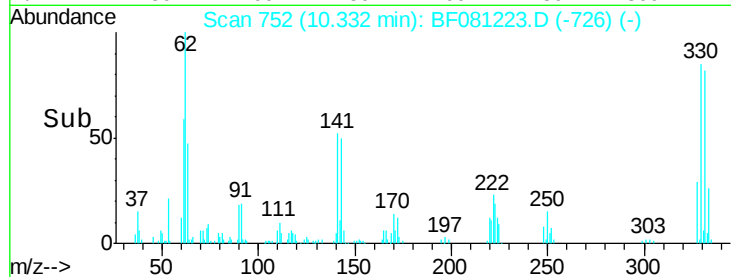
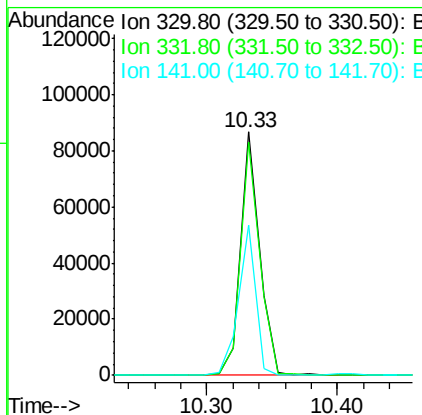
PB85176BS



Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	55.3	44.9	67.3

Manual Integrations
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8/27/2015 2:32:26 PM



#42

2,4,6-Trichlorophenol

Concen: 38.32 ng

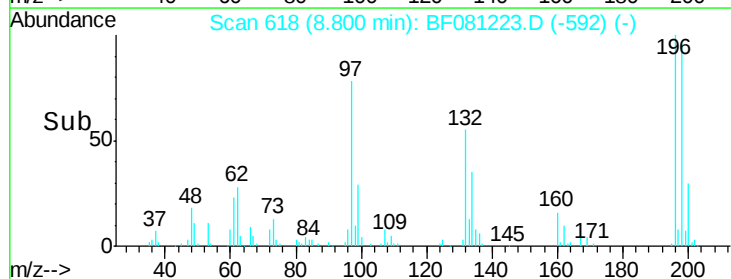
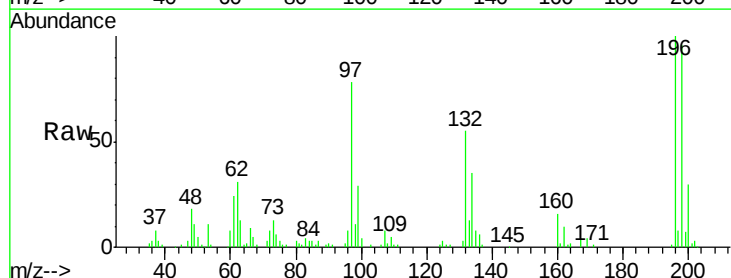
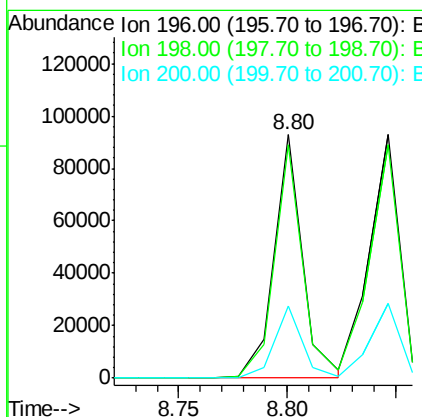
RT: 8.80 min Scan# 618

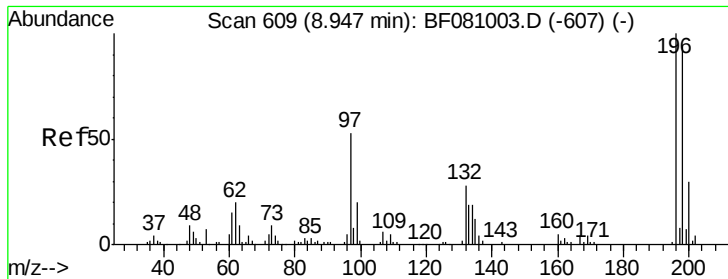
Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

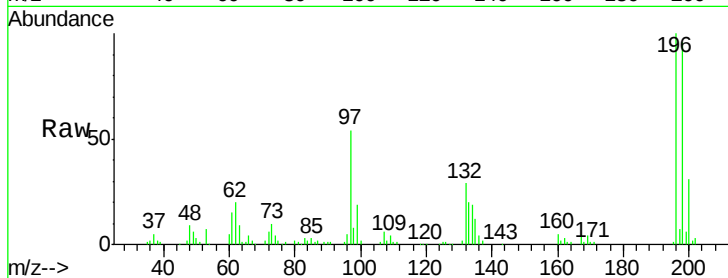
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	111.8
200	29.8	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 40.87 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

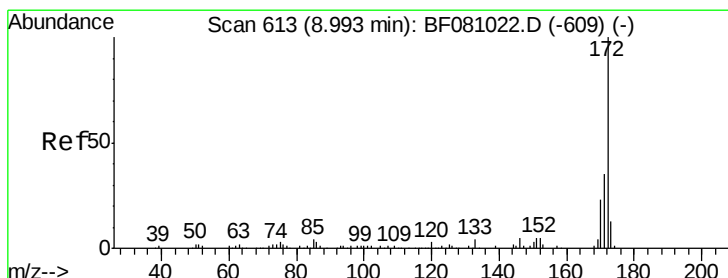
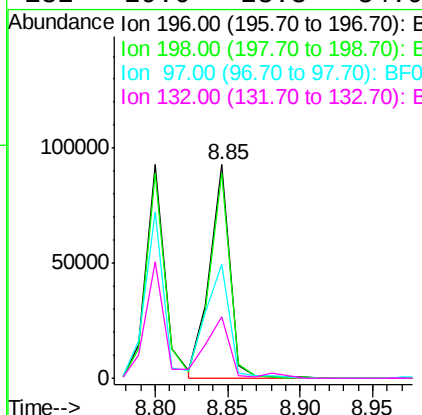
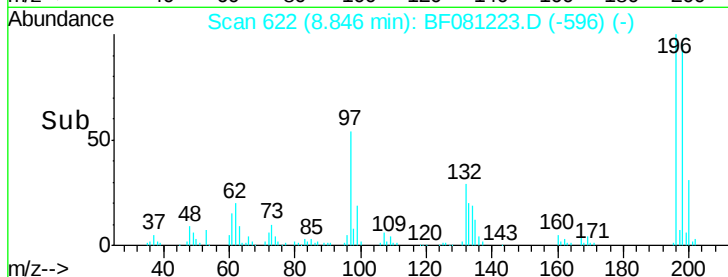
Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS



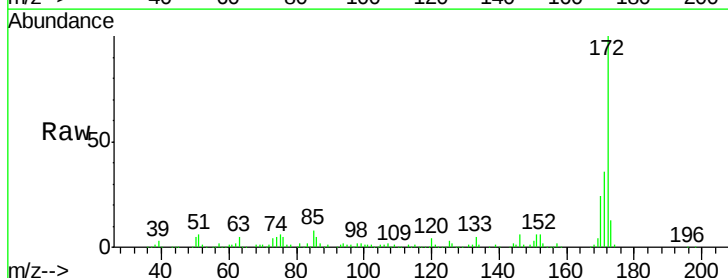
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90964		
198	95.8	78.3	117.5	
97	53.5	42.7	64.1	
132	29.0	23.3	34.9	

Manual Integrations
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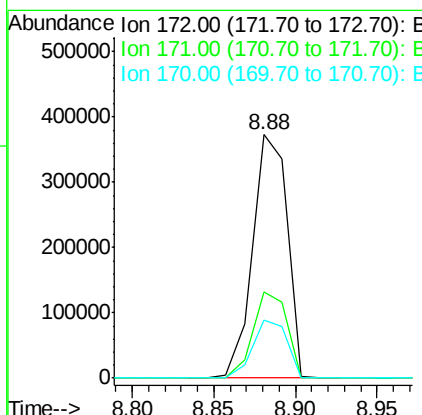
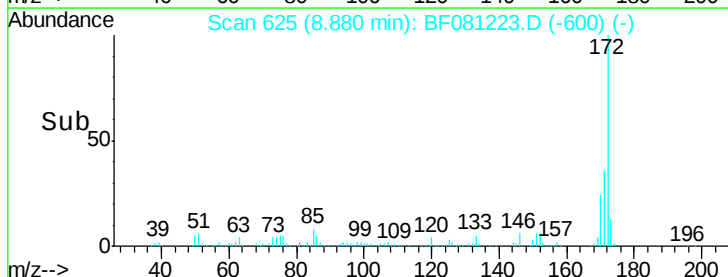
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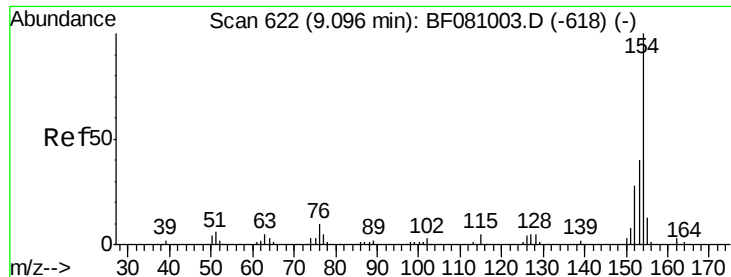


#44
 2-Fluorobiphenyl
 Concen: 73.37 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	547144		
171	35.5	28.9	43.3	
170	23.8	19.4	29.2	





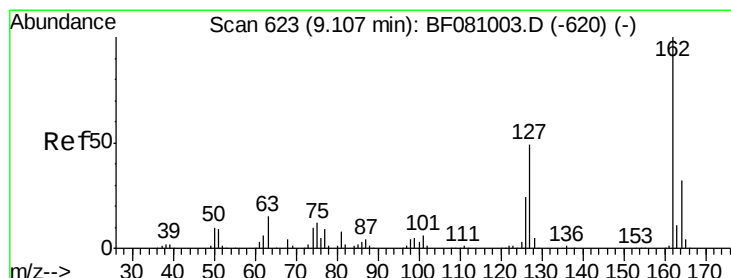
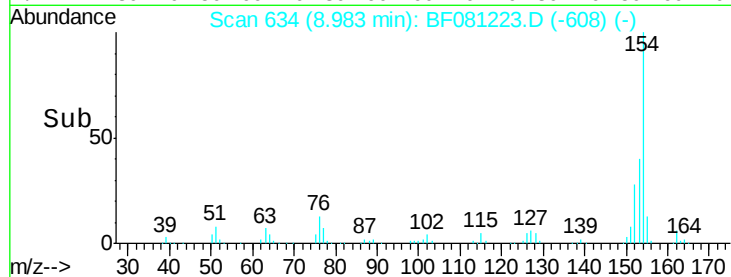
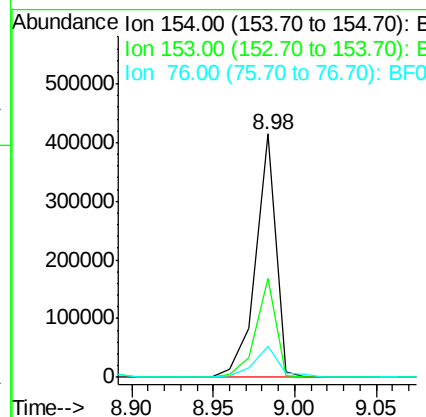
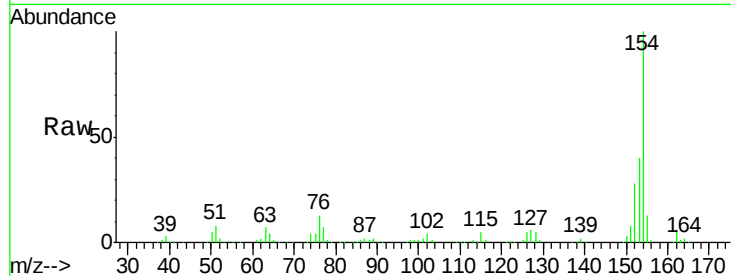
#45
 1,1'-Biphenyl
 Concen: 41.78 ng
 RT: 8.98 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampled :
 PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	19.5	59.5	
76	12.7	0.0	29.3	

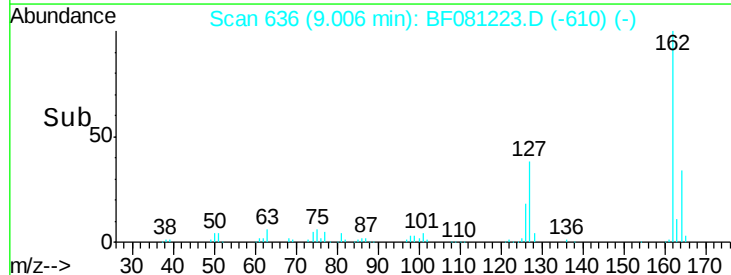
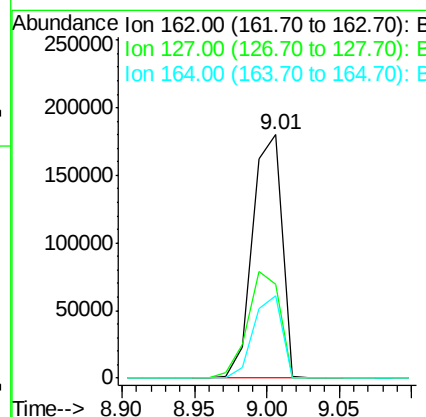
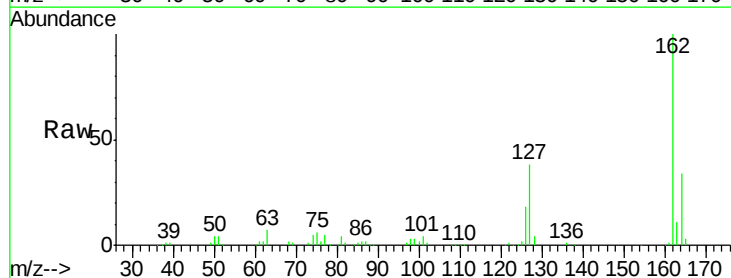
Manual Integrations
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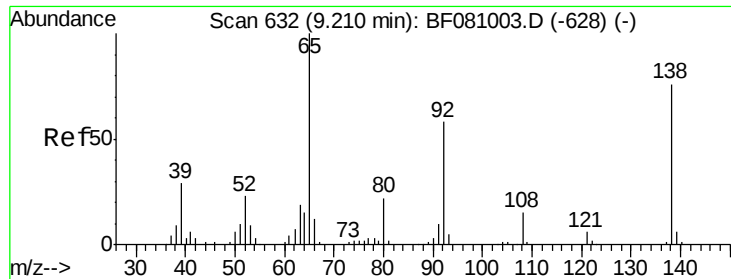
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#46
 2-Chloronaphthalene
 Concen: 36.53 ng
 RT: 9.01 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	31.3	46.9	
164	33.7	26.3	39.5	





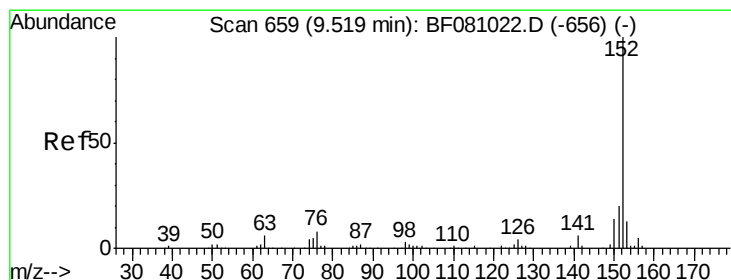
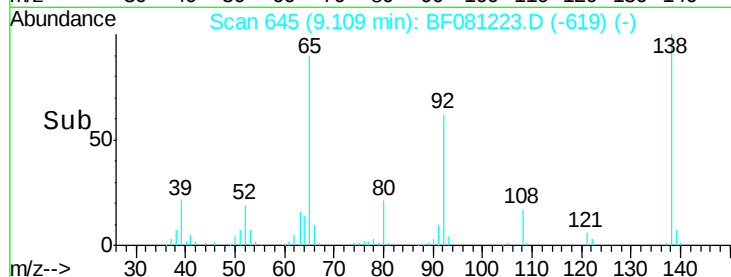
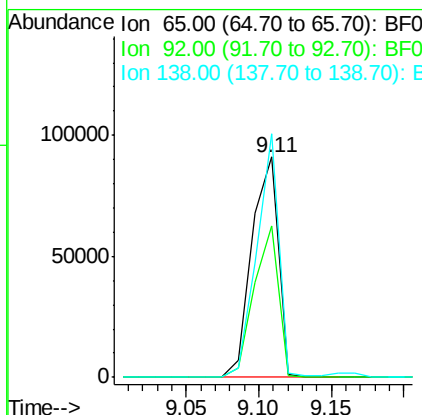
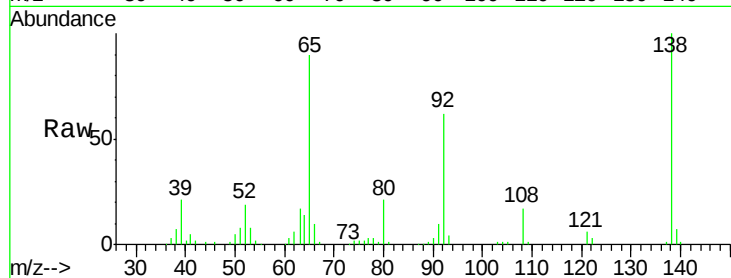
#47
 2-Nitroaniline
 Concen: 40.76 ng
 RT: 9.11 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.8	45.6	68.4#
138	110.7	57.9	86.9#

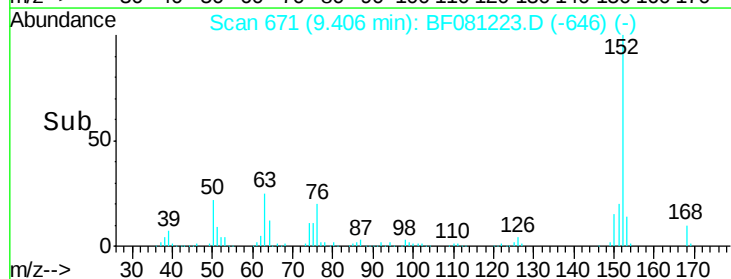
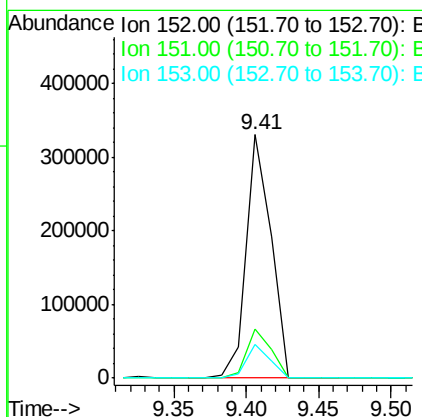
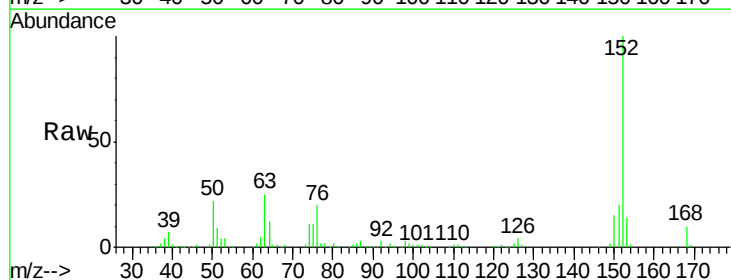
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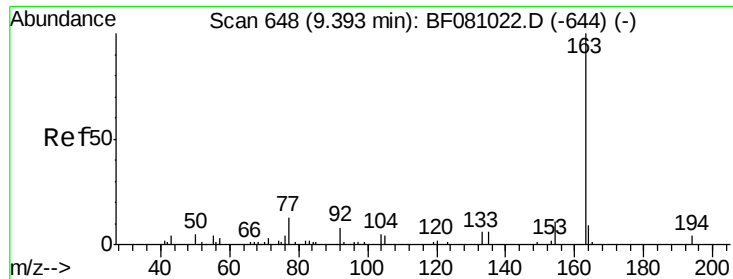
MMDadoda
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#48
 Acenaphthylene
 Concen: 31.64 ng
 RT: 9.41 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.8	9.8	14.6





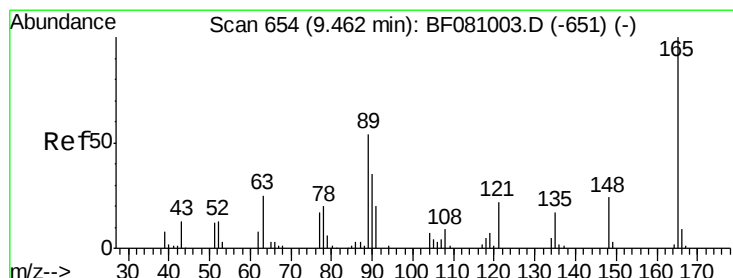
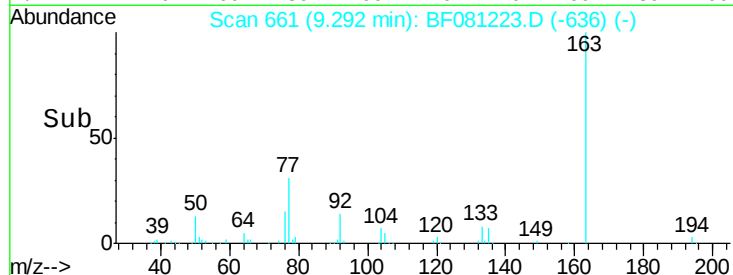
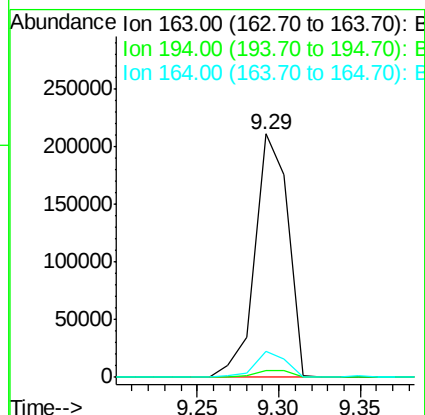
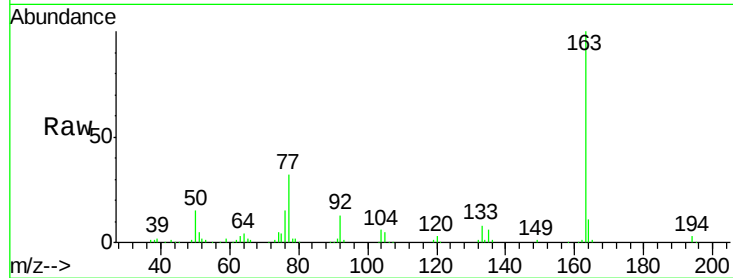
#49
Dimethylphthalate
Concen: 36.90 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	296951		
194	3.0	2.5	3.7	
164	10.6	8.1	12.1	

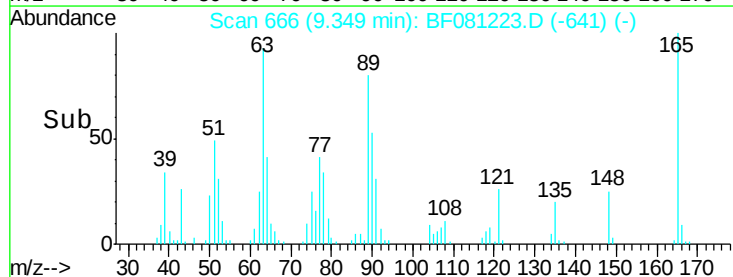
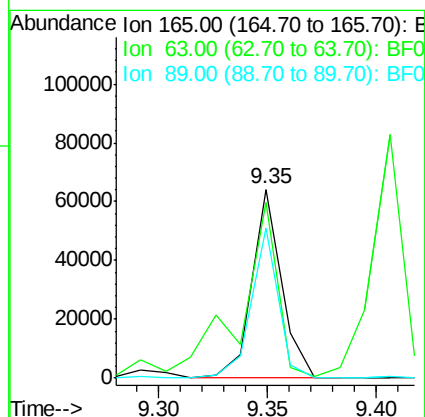
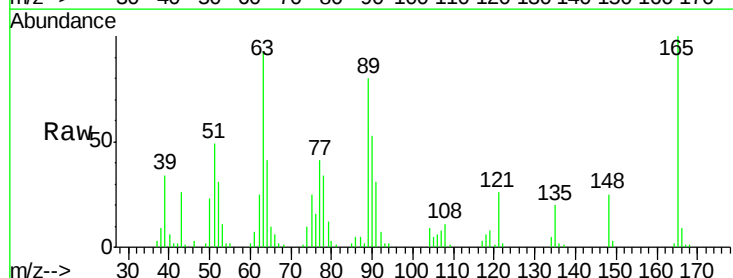
Manual Integrations
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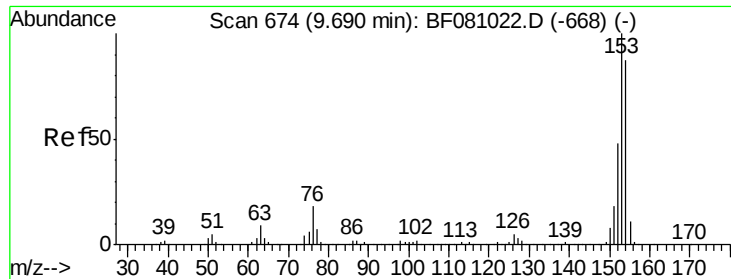
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 35.02 ng
RT: 9.35 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60510		
63	92.8	49.5	74.3#	
89	79.8	47.6	71.4#	





#51

Acenaphthene

Concen: 31.66 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF081223.D

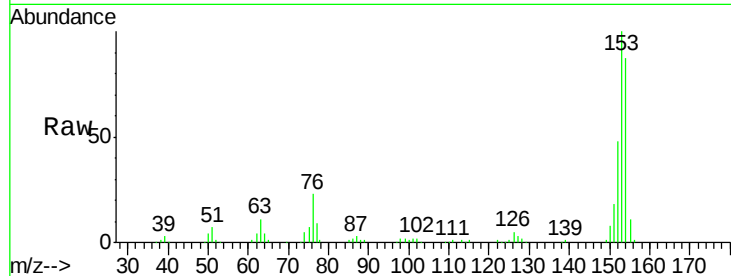
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

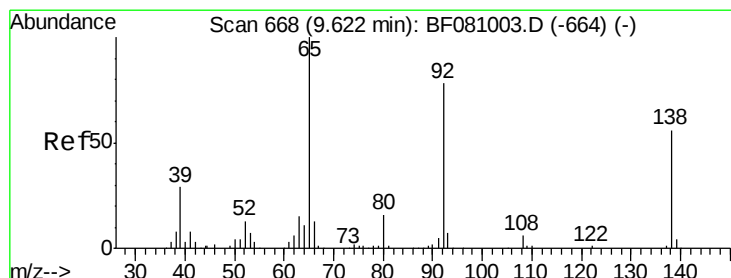
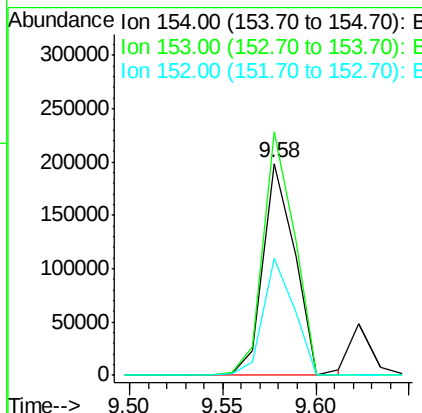
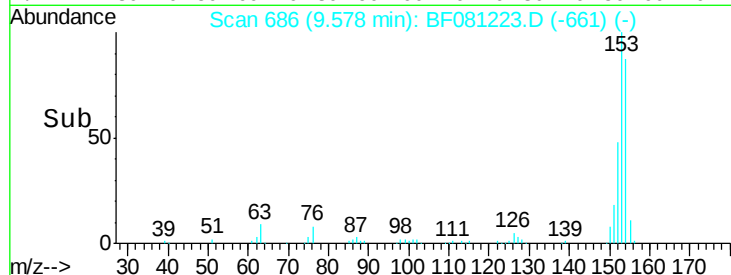
PB85176BS



Tgt Ion:	154	Resp:	234472
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.4	137.2
152	55.1	43.7	65.5

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#52

3-Nitroaniline

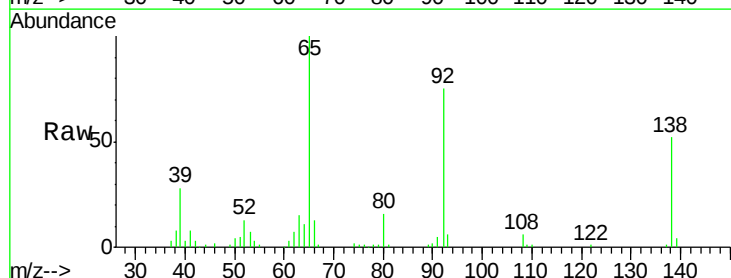
Concen: 25.40 ng

RT: 9.51 min Scan# 680

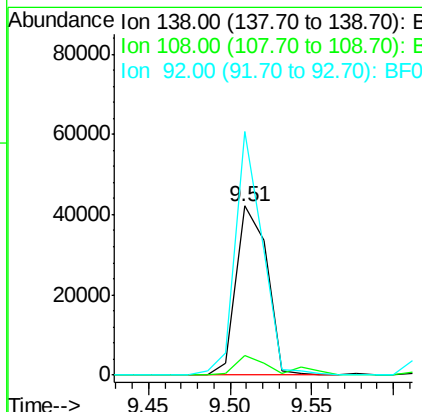
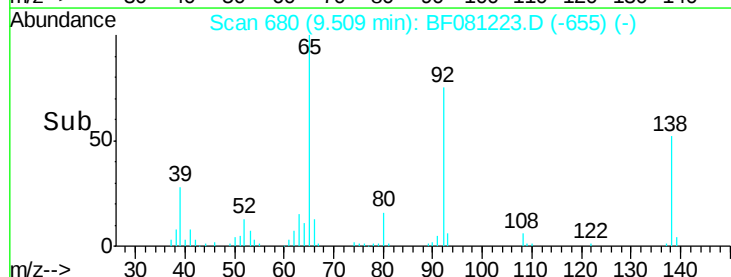
Delta R.T. -0.01 min

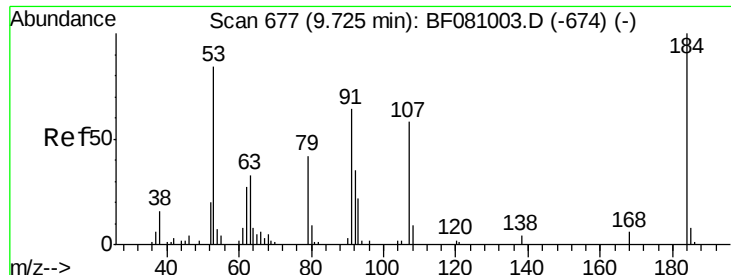
Lab File: BF081223.D

Acq: 26 Aug 2015 20:47



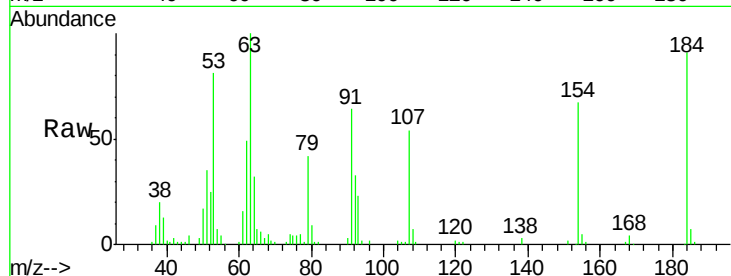
Tgt Ion:	138	Resp:	54919
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.4	14.2
92	144.3	113.2	169.8





#53
2,4-Dinitrophenol
Concen: 67.80 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

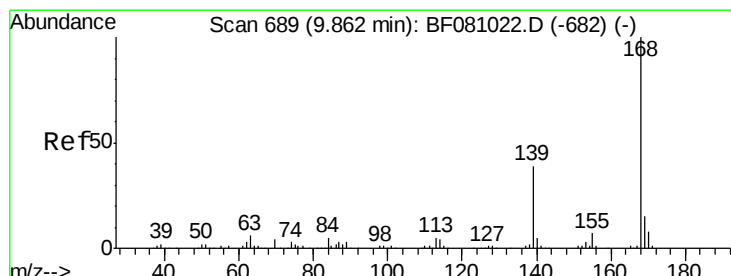
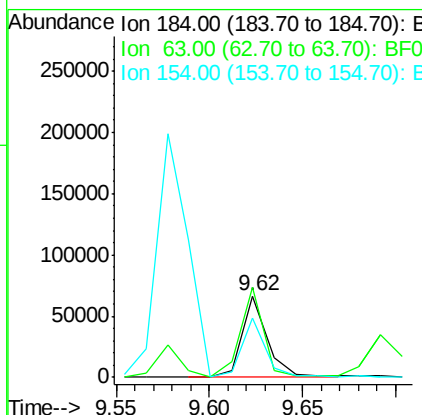
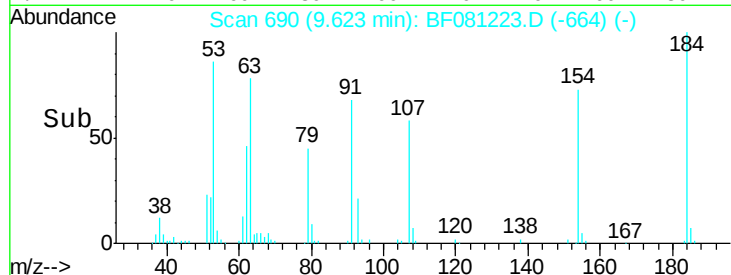
Instrument :
BNA_F
ClientSampleId :
PB85176BS



Tgt Ion:184 Resp: 63020
Ion Ratio Lower Upper
184 100
63 109.6 101.7 152.5
154 72.9 67.4 101.0

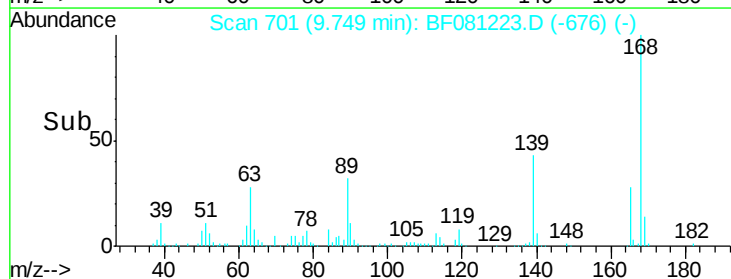
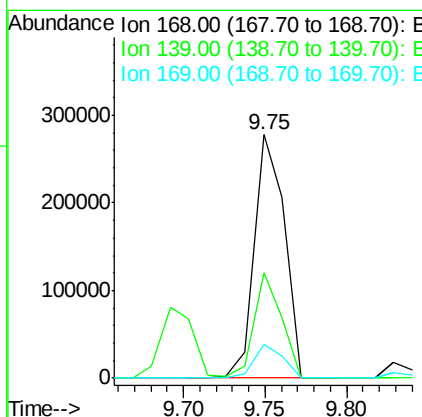
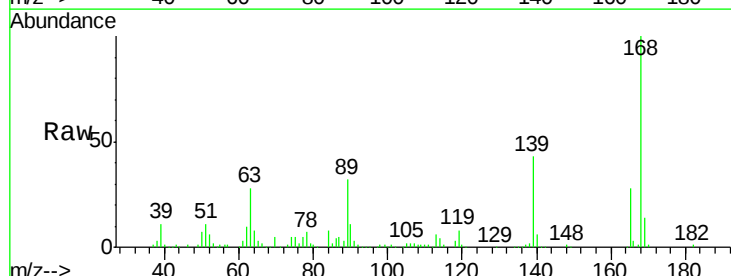
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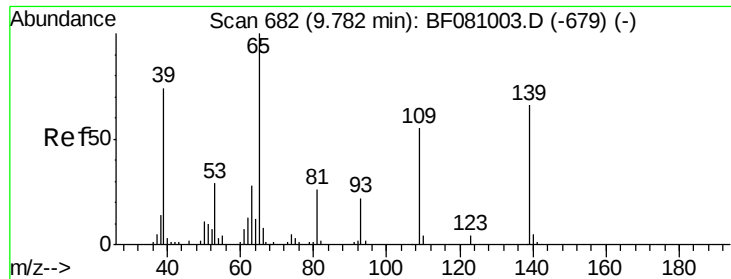
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#54
Dibenzofuran
Concen: 35.85 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:168 Resp: 355714
Ion Ratio Lower Upper
168 100
139 43.4 29.3 43.9
169 13.6 10.3 15.5





#55

4-Nitrophenol

Concen: 75.84 ng

RT: 9.69 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

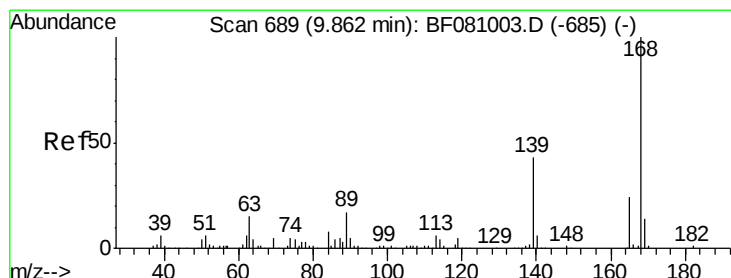
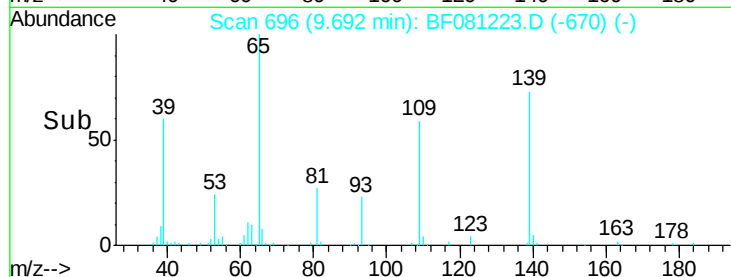
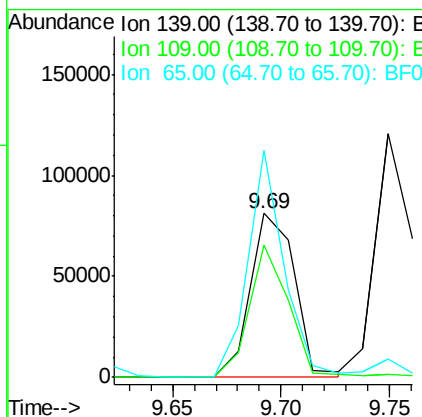
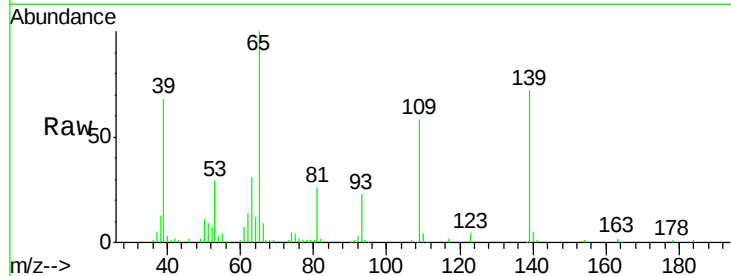
ClientSampleId :

PB85176BS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	115166		
109	80.8	80.0	120.0	
65	138.3	138.3	178.3#	



#56

2,4-Dinitrotoluene

Concen: 33.38 ng

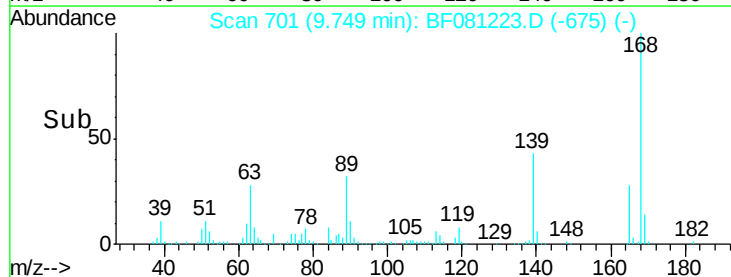
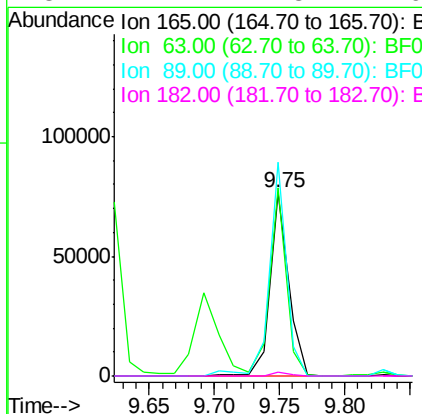
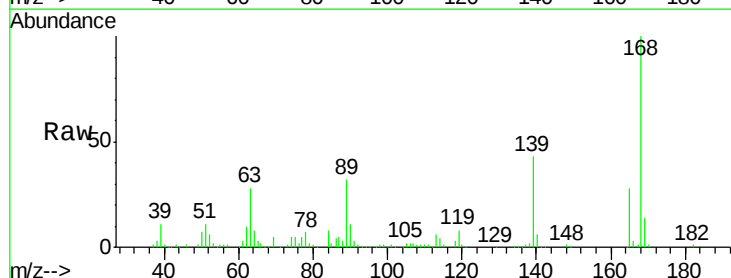
RT: 9.75 min Scan# 701

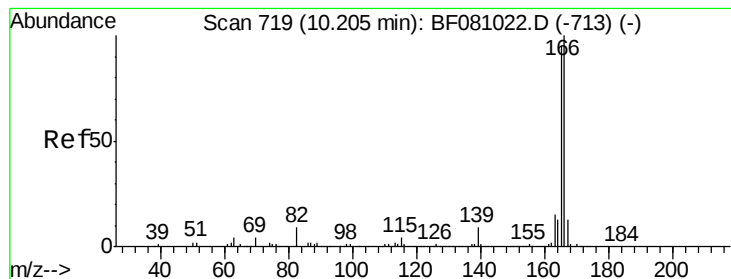
Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	76431		
63	102.8	52.2	78.4#	
89	116.5	60.1	90.1#	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 36.37 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF081223.D

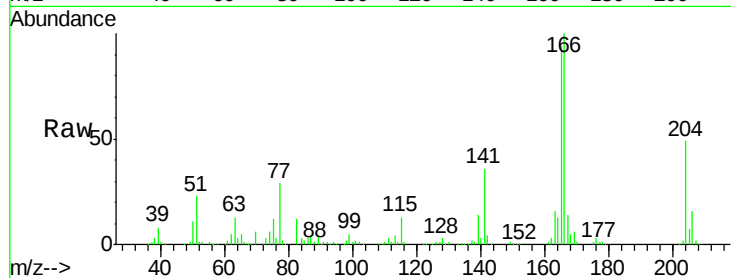
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

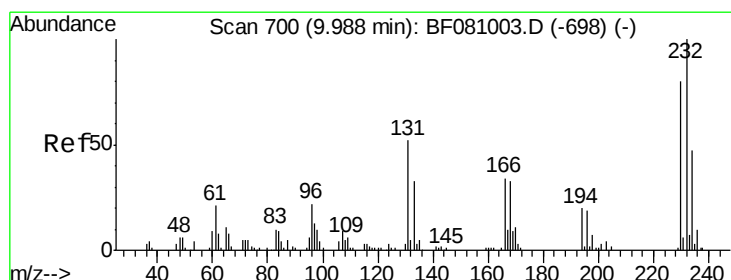
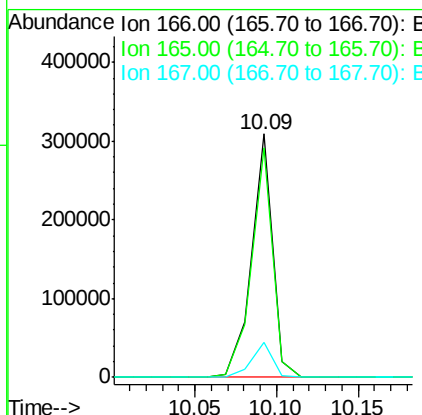
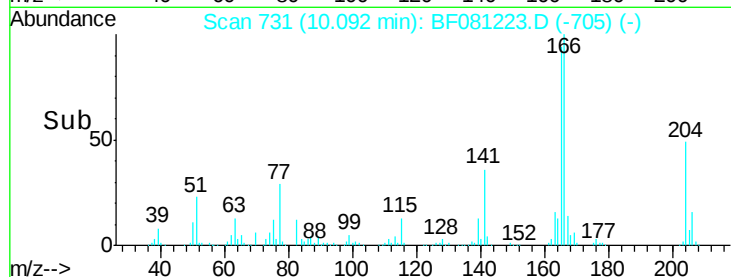
PB85176BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	277597		
165	94.4	75.8	113.8	
167	14.3	11.3	16.9	

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#58

2,3,4,6-Tetrachlorophenol

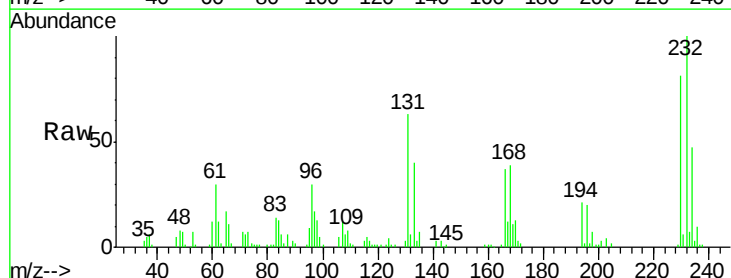
Concen: 39.53 ng m

RT: 9.87 min Scan# 712

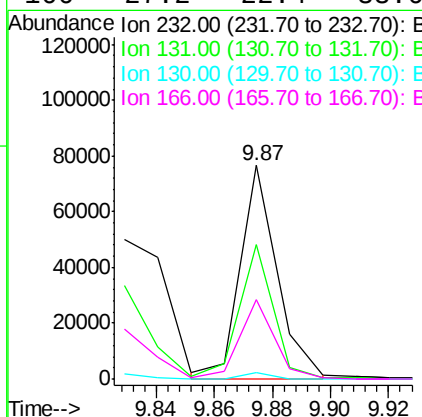
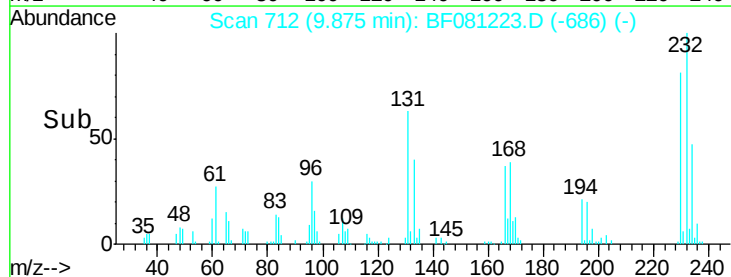
Delta R.T. -0.00 min

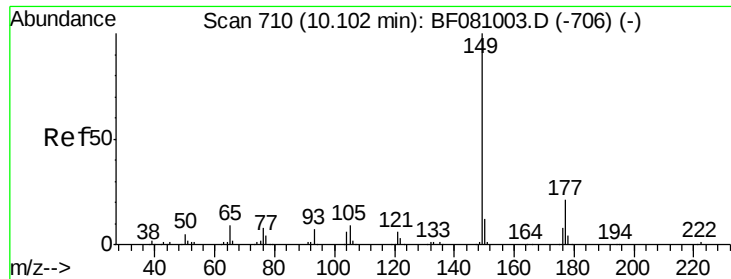
Lab File: BF081223.D

Acq: 26 Aug 2015 20:47



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	68105		
131	47.8	42.2	63.4	
130	2.5	2.1	3.1	
166	27.2	22.4	33.6	





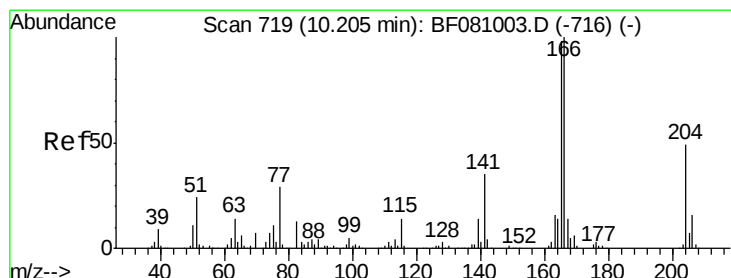
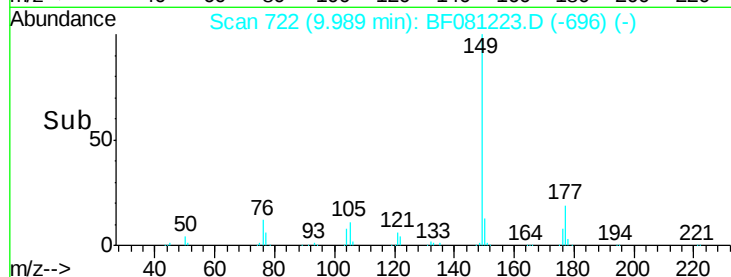
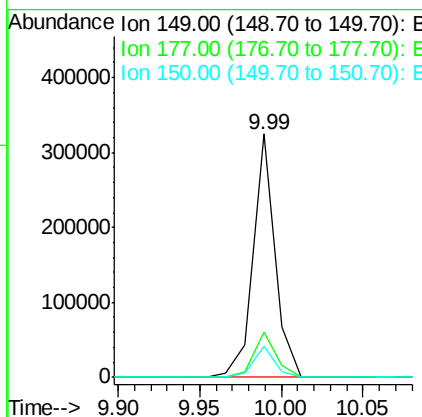
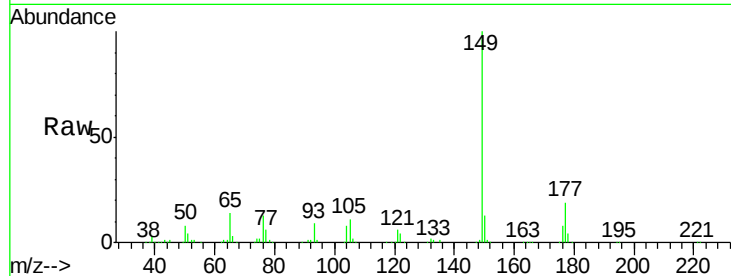
#59
Diethylphthalate
Concen: 35.61 ng
RT: 9.99 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	303272		
177	18.8	14.1	21.1	
150	12.8	10.3	15.5	

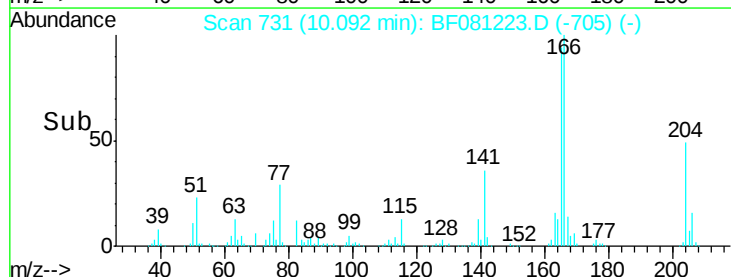
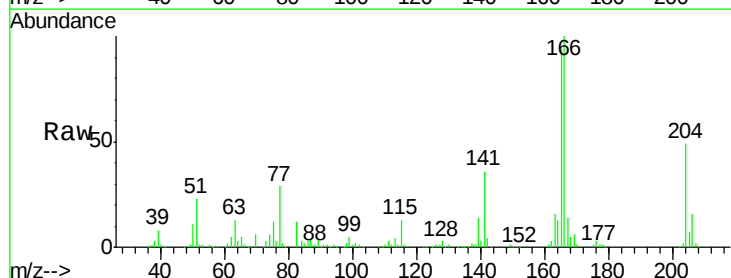
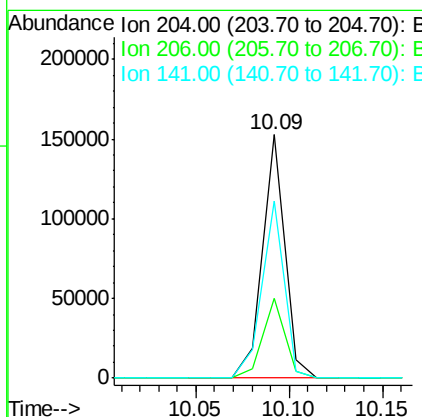
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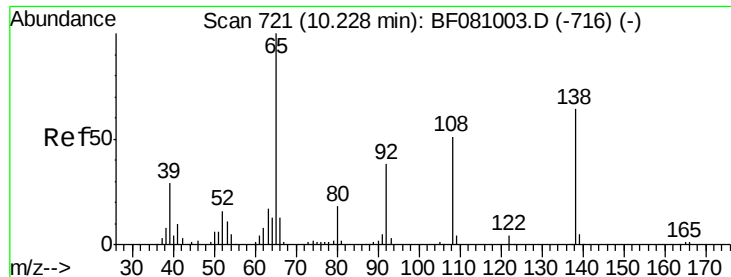
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 39.06 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	126182		
206	32.7	26.2	39.2	
141	72.9	59.6	89.4	





#61

4-Nitroaniline

Concen: 32.68 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF081223.D

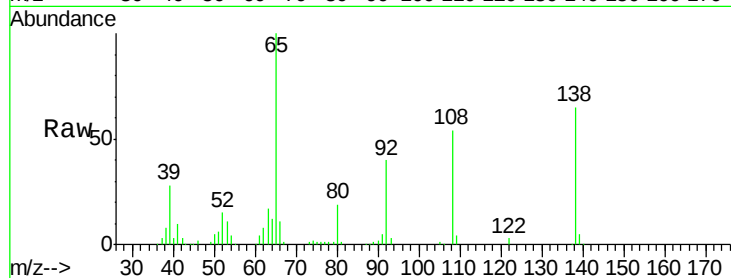
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

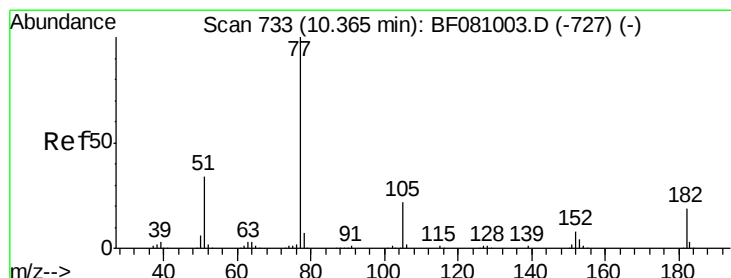
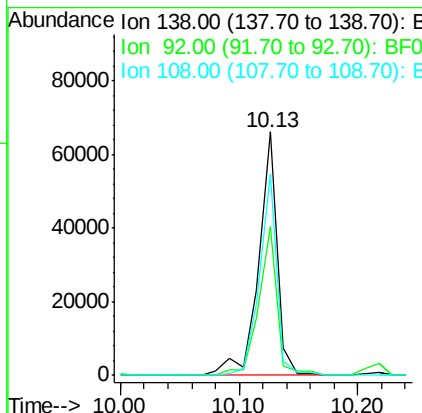
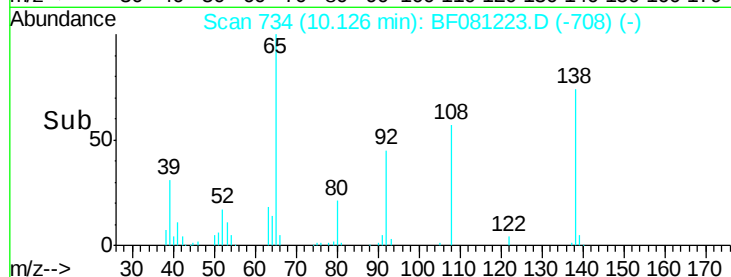
PB85176BS



Tgt Ion:	138	Resp:	72224
Ion	Ratio	Lower	Upper
138	100		
92	61.1	34.7	74.7
108	82.5	68.9	108.9

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#62

Azobenzene

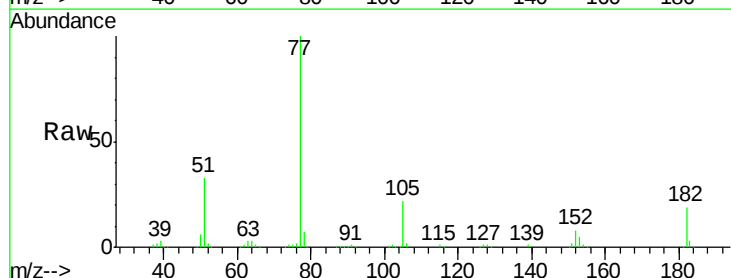
Concen: 41.74 ng

RT: 10.25 min Scan# 745

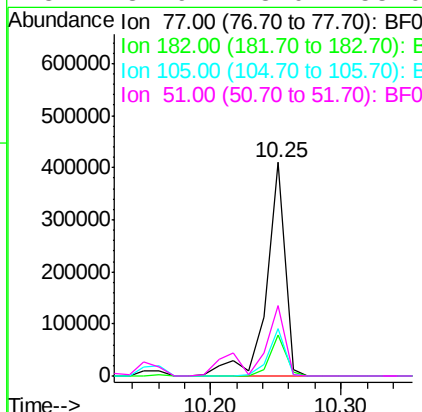
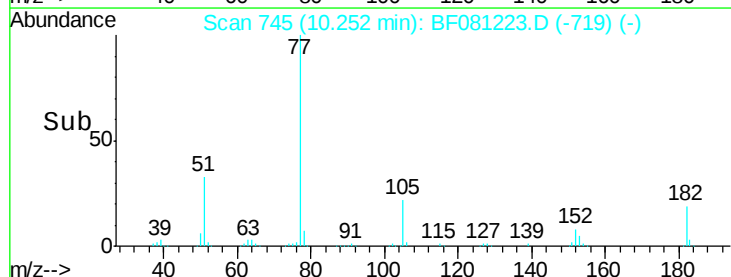
Delta R.T. -0.00 min

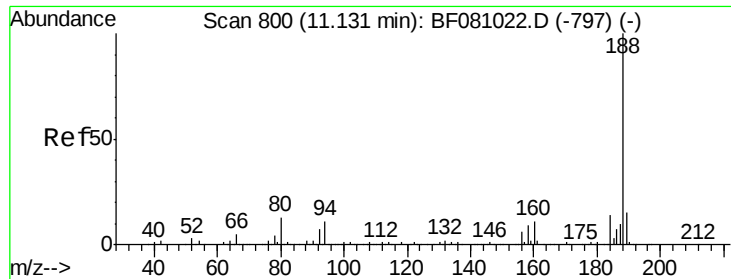
Lab File: BF081223.D

Acq: 26 Aug 2015 20:47



Tgt Ion:	77	Resp:	409669
Ion	Ratio	Lower	Upper
77	100		
182	19.4	0.0	39.0
105	21.9	0.2	40.2
51	32.9	18.0	58.0





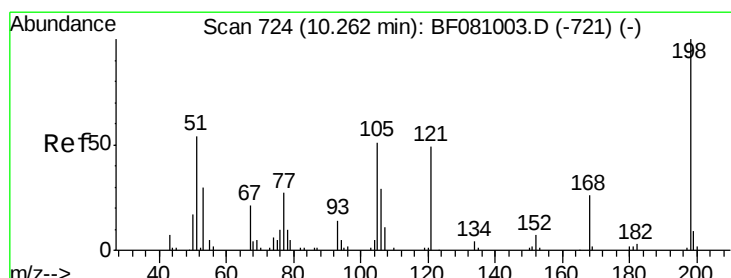
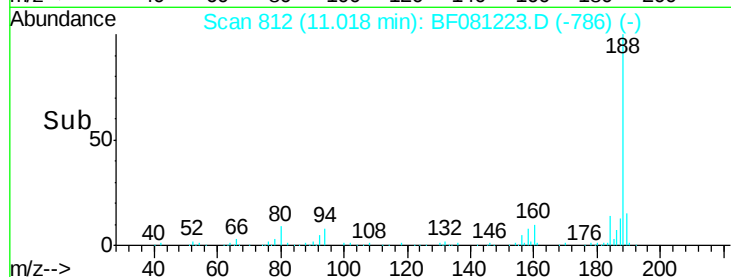
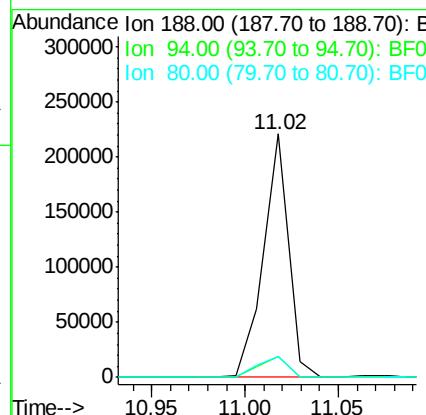
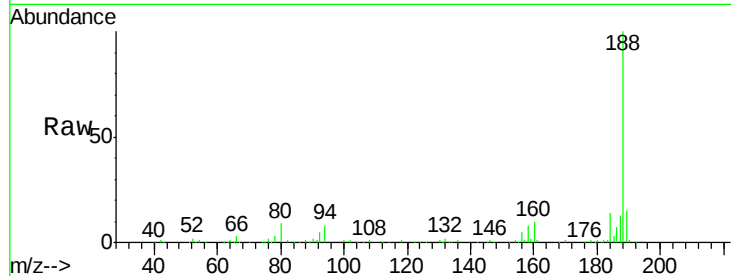
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	8.2	12.2
80	8.8	9.5	14.3#

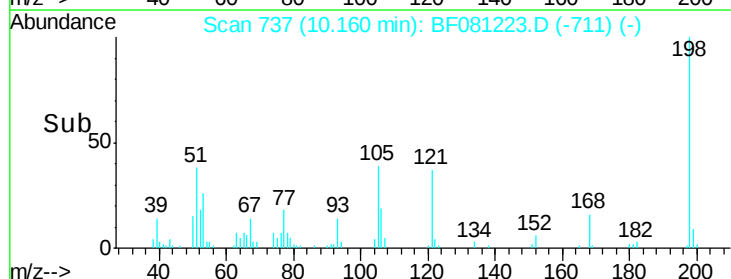
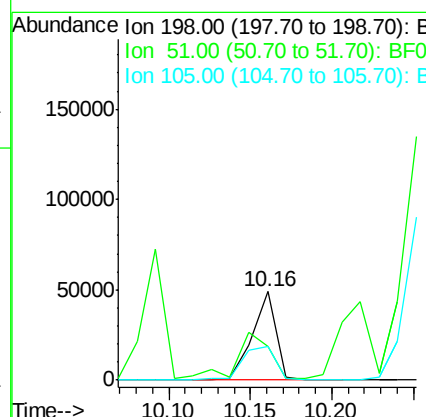
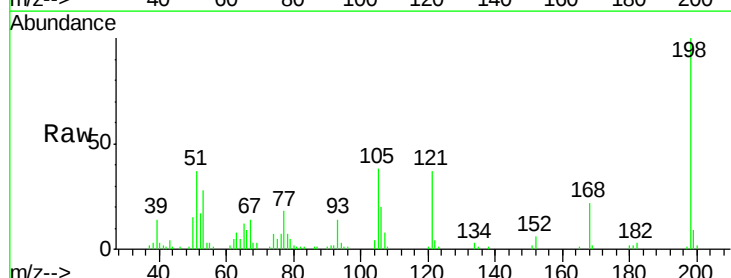
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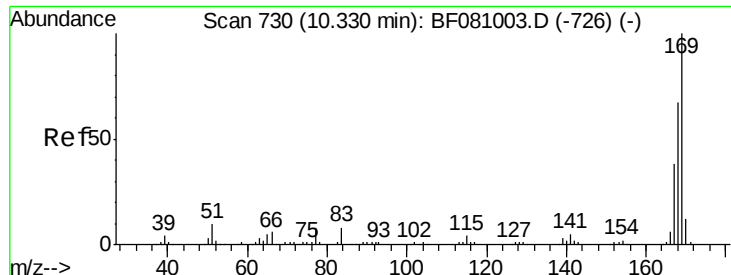
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.02 ng
RT: 10.16 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

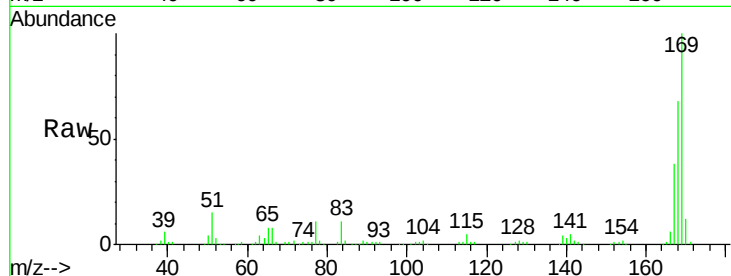
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.4	79.7	119.7#
105	38.3	47.0	87.0#





#65
 n-Nitrosodiphenylamine
 Concen: 37.99 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

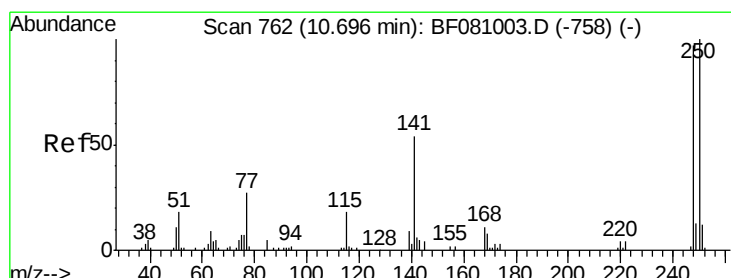
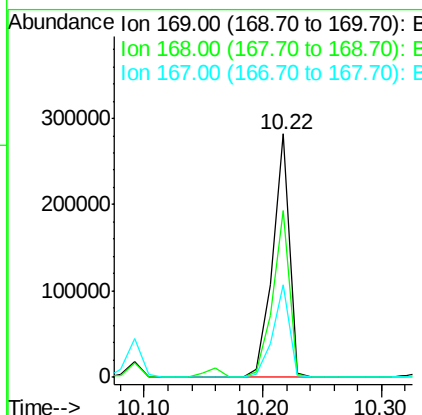
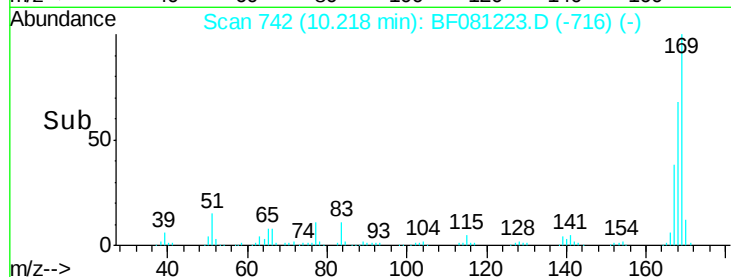
Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS



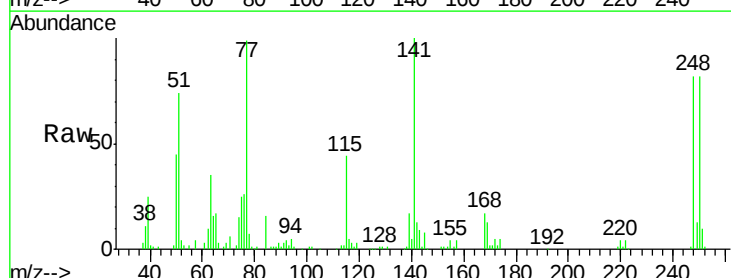
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	278197		
168	68.5	55.3	82.9	
167	38.0	30.8	46.2	

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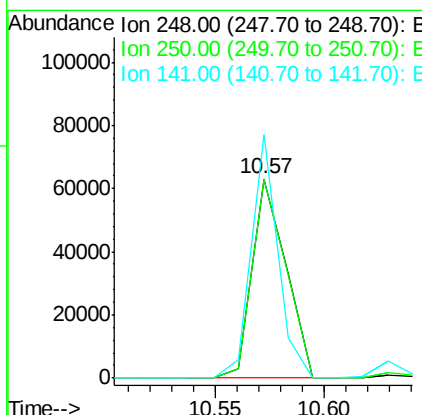
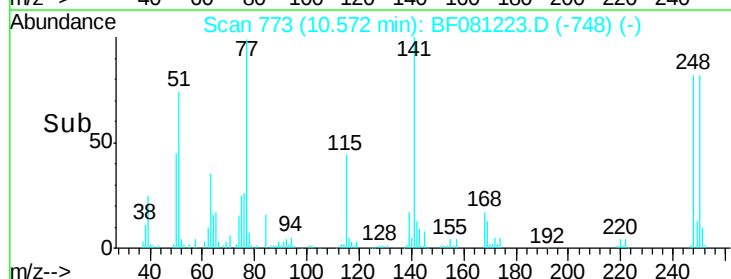
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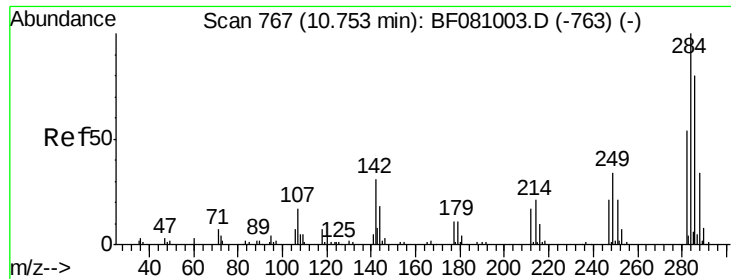


#66
 4-Bromophenyl-phenylether
 Concen: 33.74 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47



Tgt Ion	Ratio	Resp	Lower	Upper
248	100	67986		
250	100.3	77.8	116.6	
141	122.4	39.8	59.6	





#67

Hexachlorobenzene

Concen: 36.87 ng

RT: 10.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF081223.D

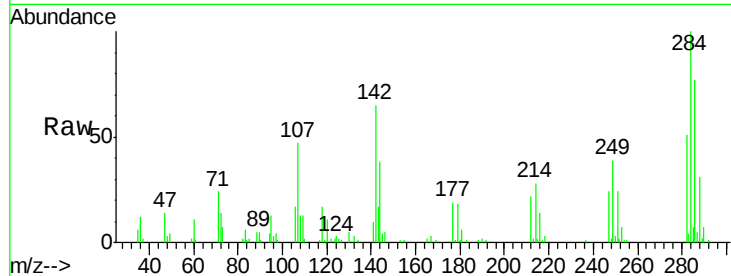
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

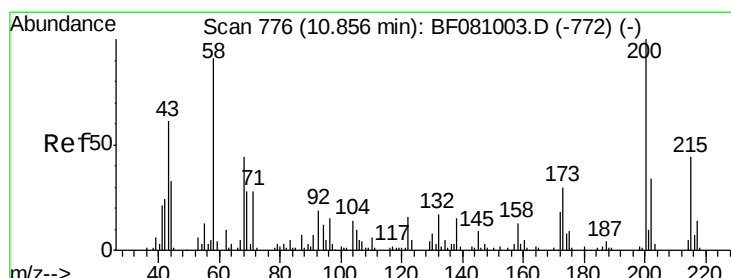
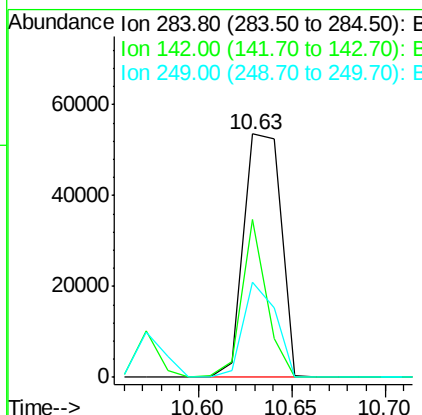
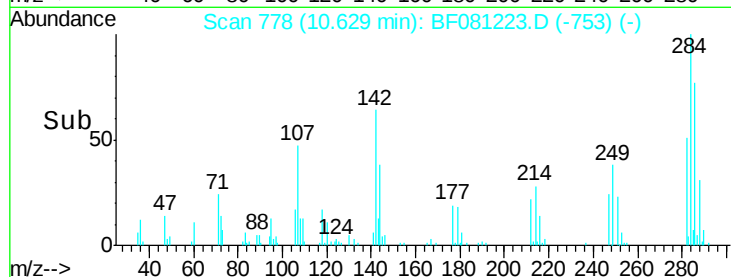
PB85176BS



Tgt Ion:	284	Resp:	75243
Ion Ratio	Lower	Upper	
284	100		
142	65.0	25.4	38.0#
249	38.8	28.5	42.7

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#68

Atrazine

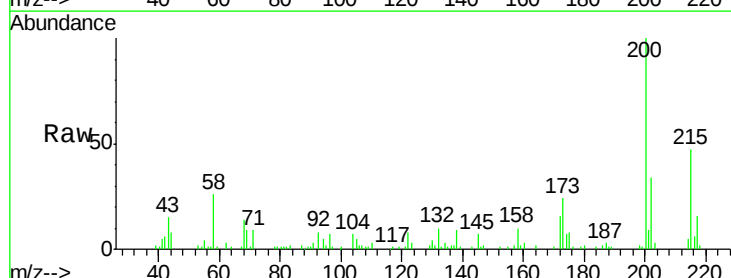
Concen: 42.36 ng

RT: 10.75 min Scan# 789

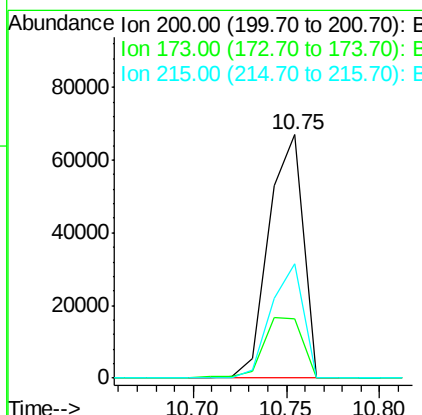
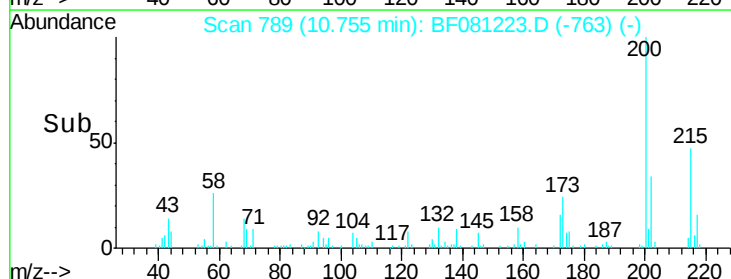
Delta R.T. -0.00 min

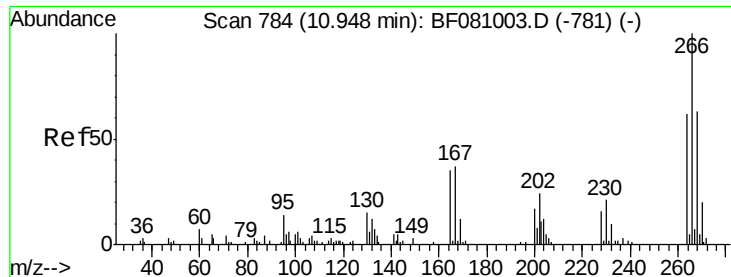
Lab File: BF081223.D

Acq: 26 Aug 2015 20:47



Tgt Ion:	200	Resp:	86408
Ion Ratio	Lower	Upper	
200	100		
173	24.2	8.1	48.1
215	47.1	23.3	63.3





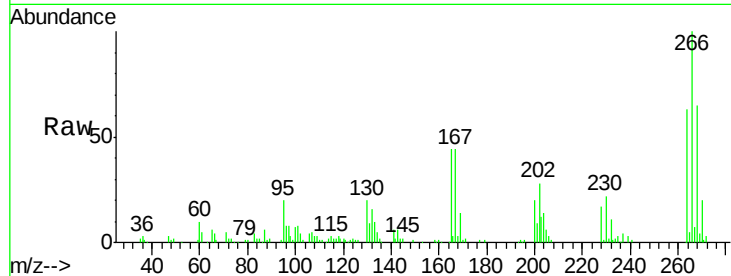
#69
 Pentachlorophenol
 Concen: 73.84 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

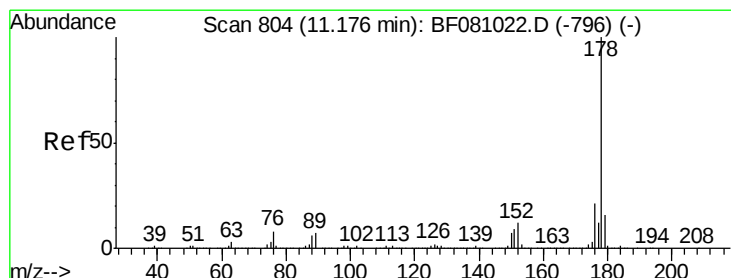
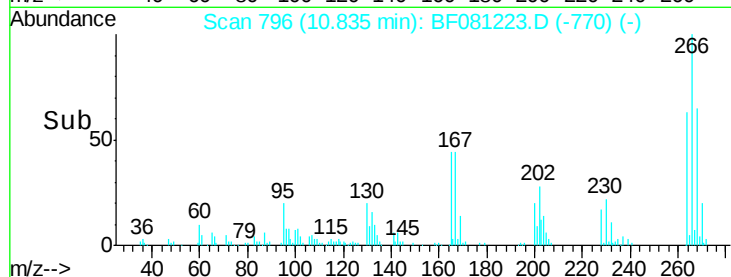
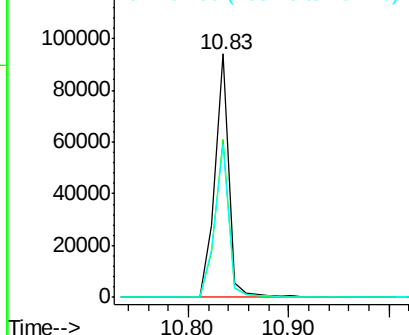
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	90413		
268	64.6	51.2	76.8	
264	62.7	50.6	75.8	

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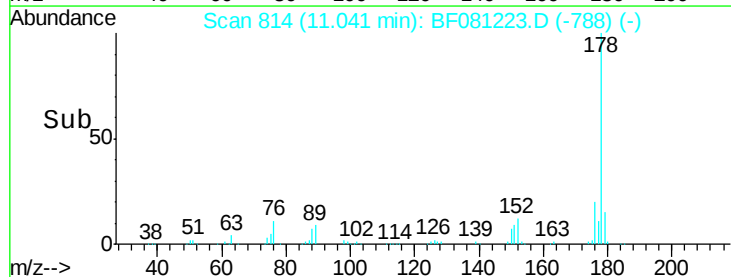
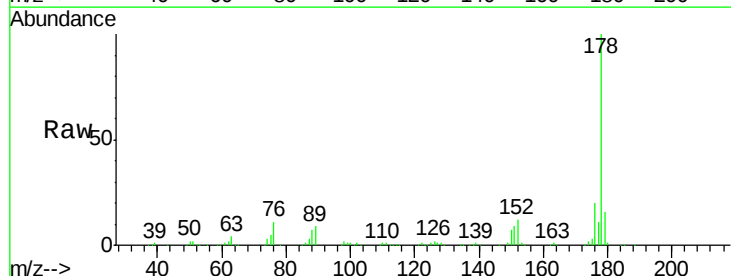
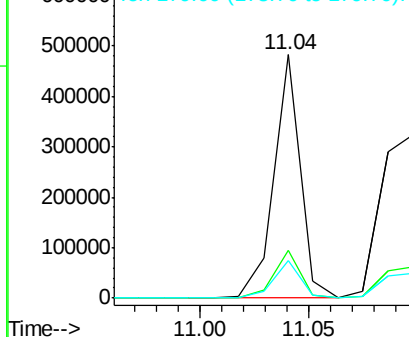
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

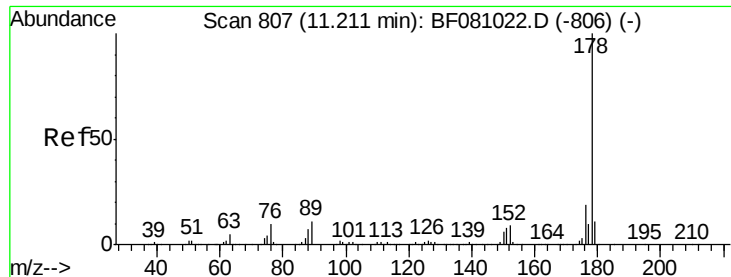


#70
 Phenanthrene
 Concen: 33.95 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	412754		
176	19.6	15.7	23.5	
179	15.5	12.2	18.2	

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.75 ng

RT: 11.10 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:178 Resp: 434708

Ion Ratio Lower Upper

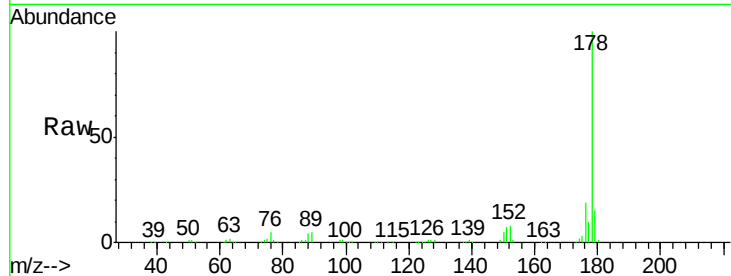
178 100

176 19.0 15.7 23.5

179 14.9 12.7 19.1

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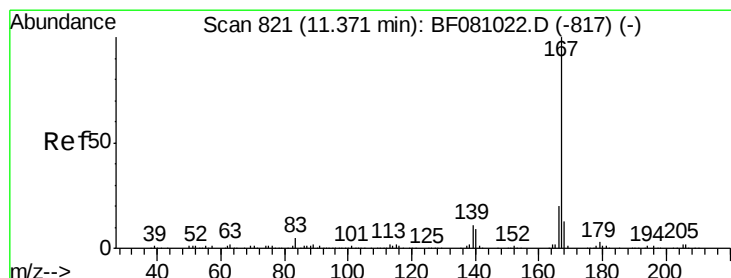
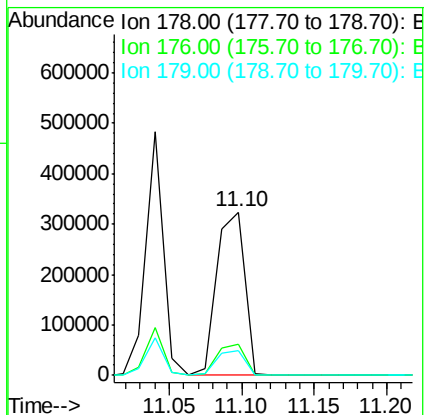
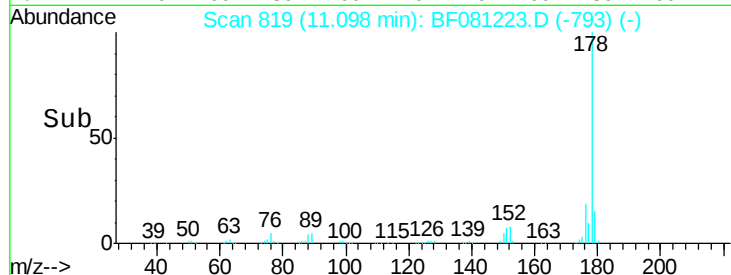
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.68 ng

RT: 11.26 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

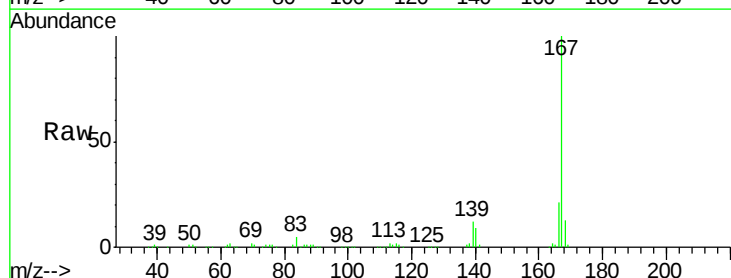
Tgt Ion:167 Resp: 429101

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

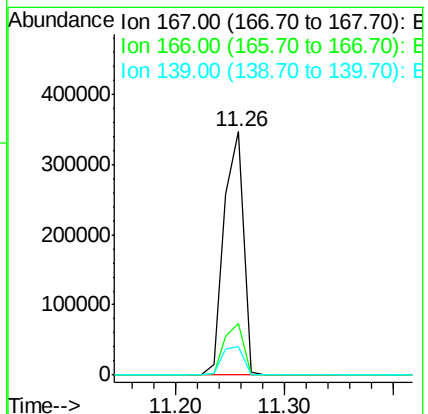
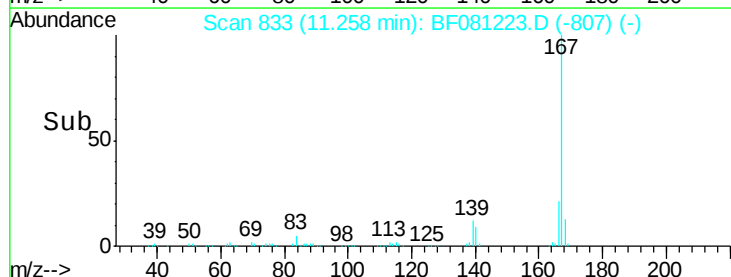
139 11.6 10.6 16.0

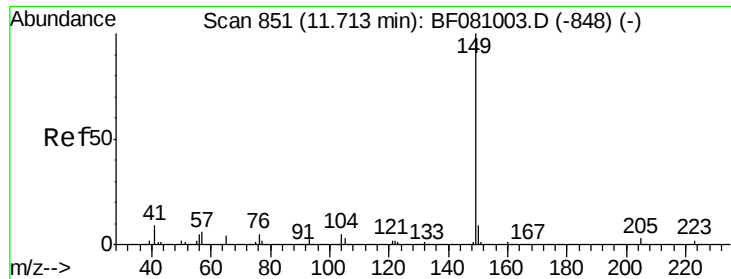


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.74 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

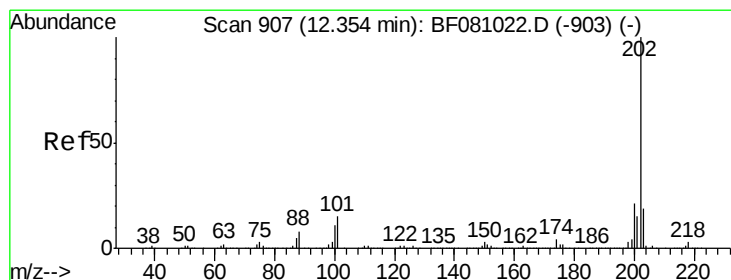
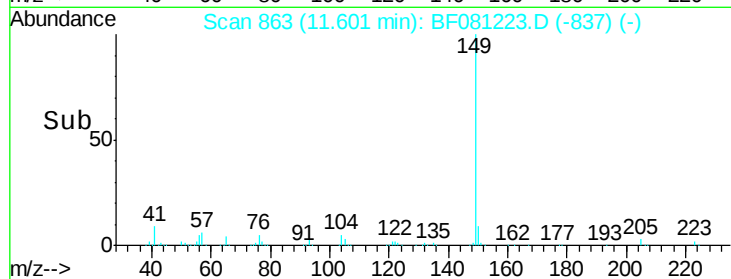
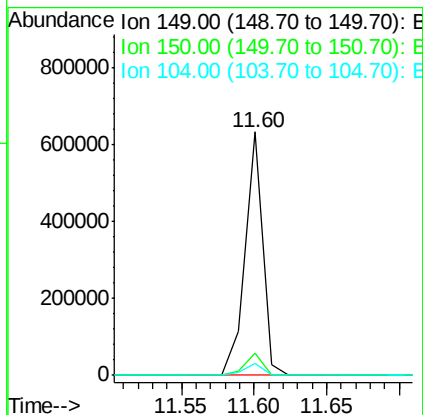
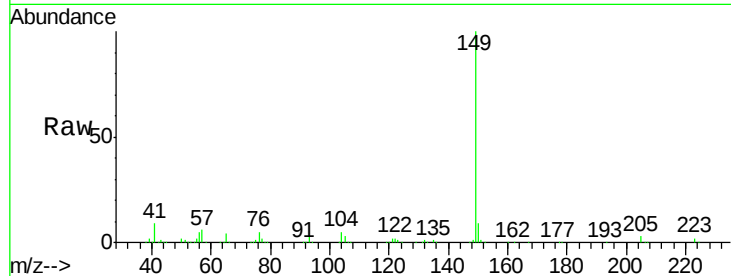
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	533855		
150	9.3	7.1	10.7	
104	5.0	3.9	5.9	



#74

Fluoranthene

Concen: 37.90 ng

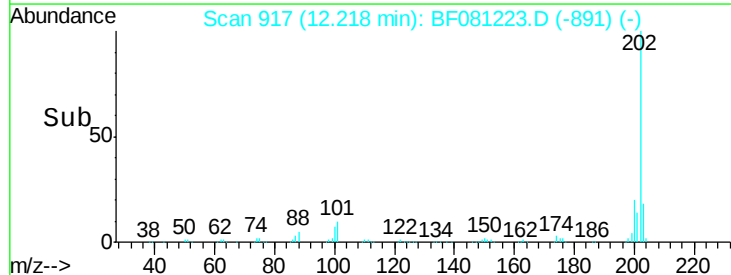
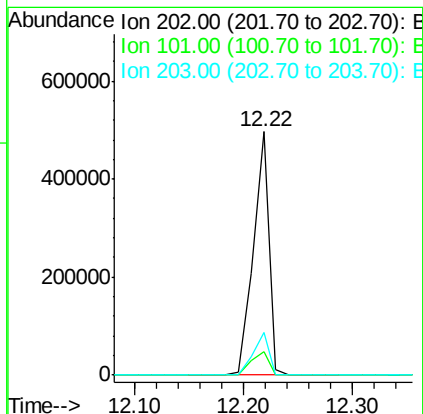
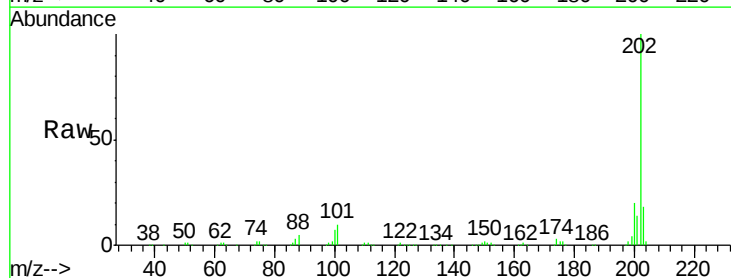
RT: 12.22 min Scan# 917

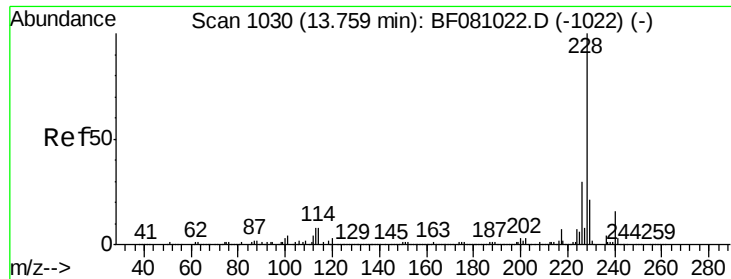
Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	497204		
101	9.7	0.0	24.8	
203	17.7	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF081223.D

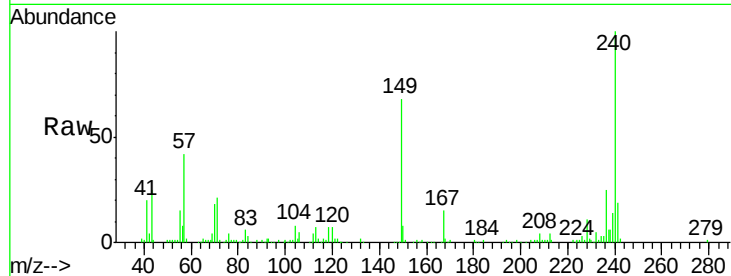
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

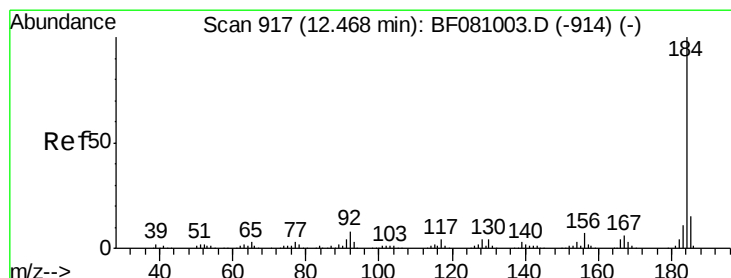
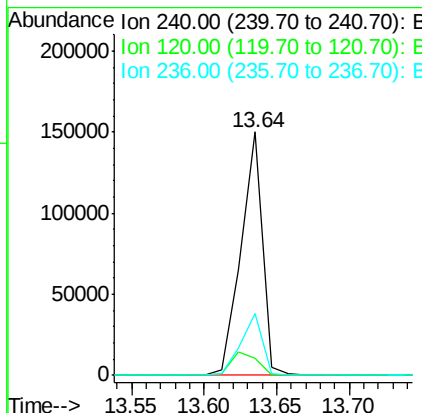
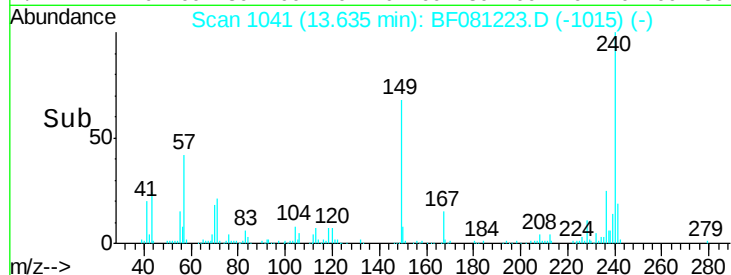
PB85176BS



Tgt Ion:	240	Resp:	154082
Ion Ratio	Lower	Upper	
240	100		
120	7.1	5.6	8.4
236	25.5	20.6	30.8

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#76

Benzidine

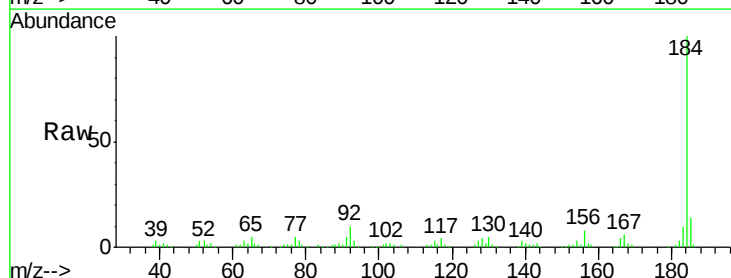
Concen: 34.32 ng

RT: 12.34 min Scan# 928

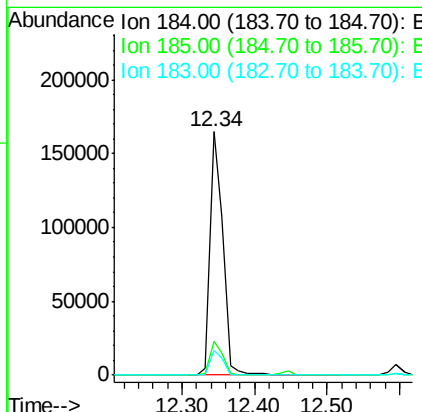
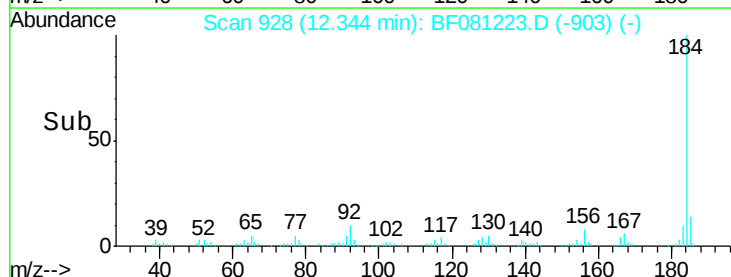
Delta R.T. -0.01 min

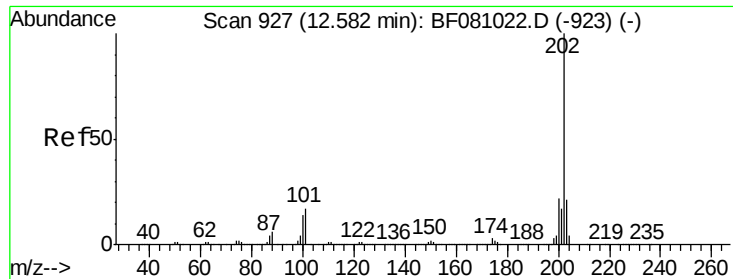
Lab File: BF081223.D

Acq: 26 Aug 2015 20:47



Tgt Ion:	184	Resp:	199777
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.0	18.0
183	10.1	8.9	13.3





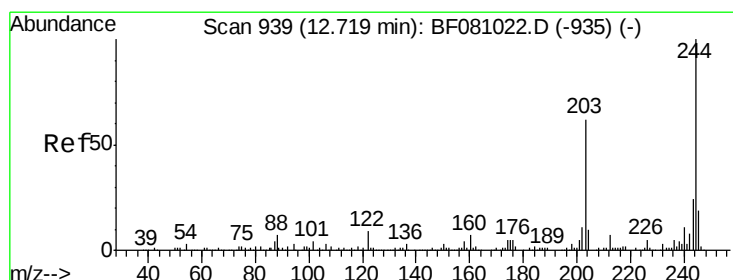
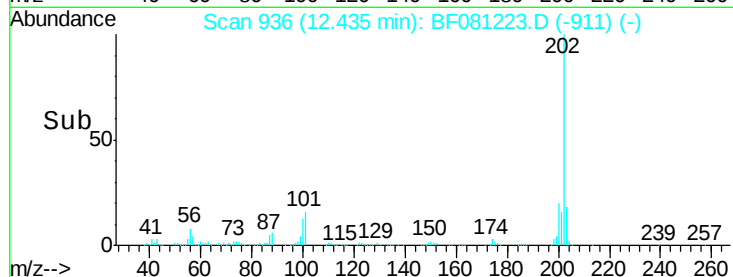
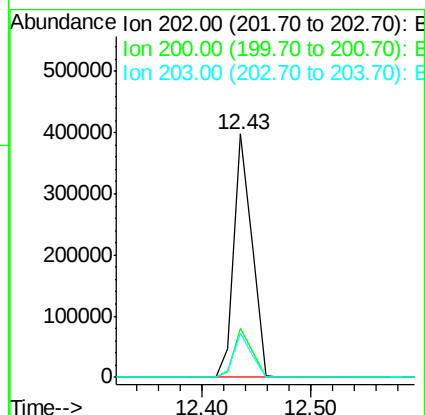
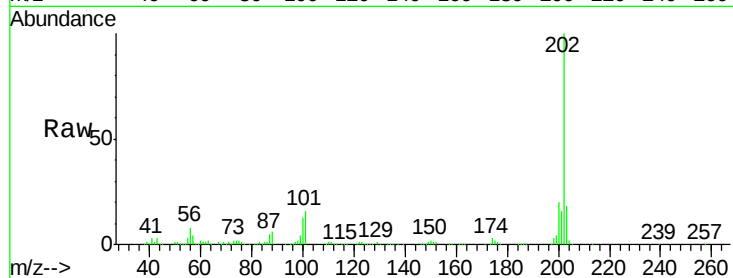
#77
 Pyrene
 Concen: 35.97 ng
 RT: 12.43 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.0	16.6	24.8
203	18.3	14.1	21.1

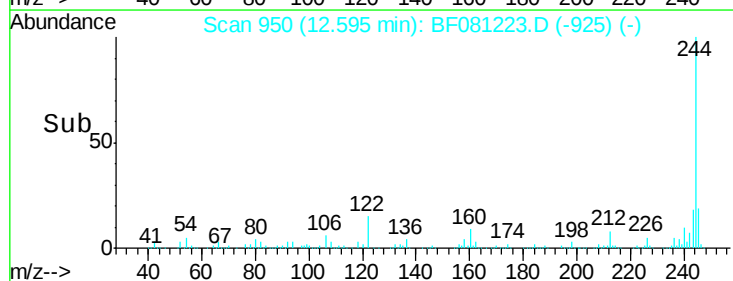
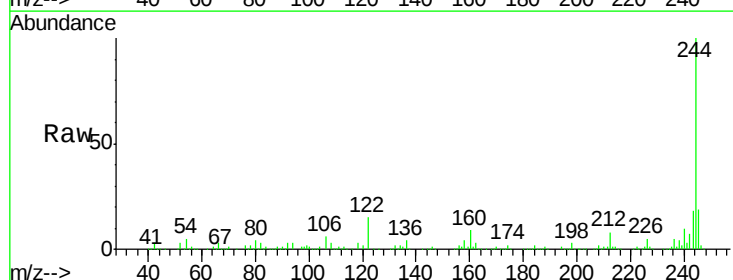
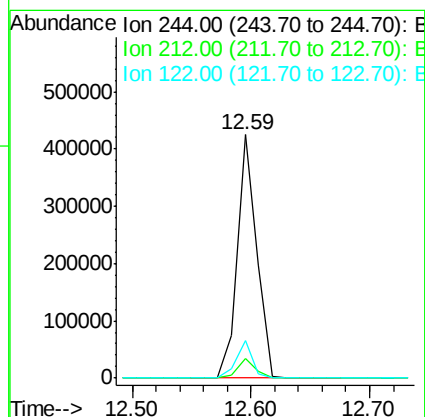
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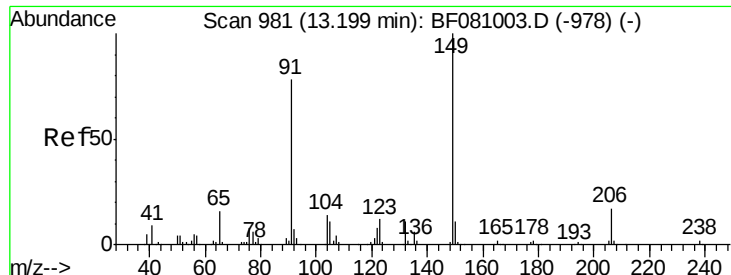
MMDadoda
 8/27/2015 2:32:26 PM



#78
 Terphenyl-d14
 Concen: 66.88 ng
 RT: 12.59 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

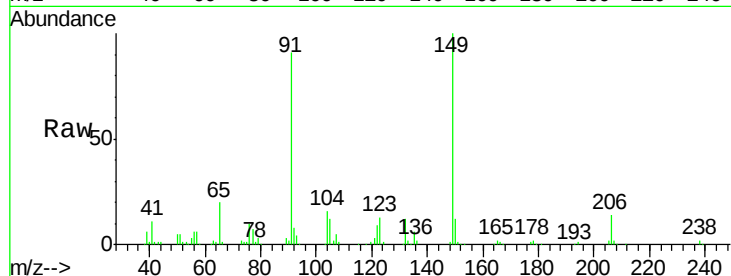
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.0	5.8	8.8
122	15.5	8.2	12.4





#79
Butylbenzylphthalate
Concen: 38.39 ng
RT: 13.07 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

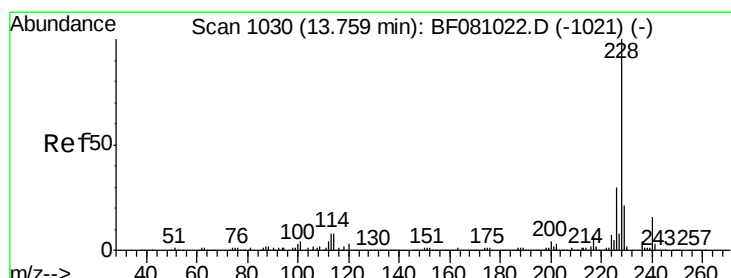
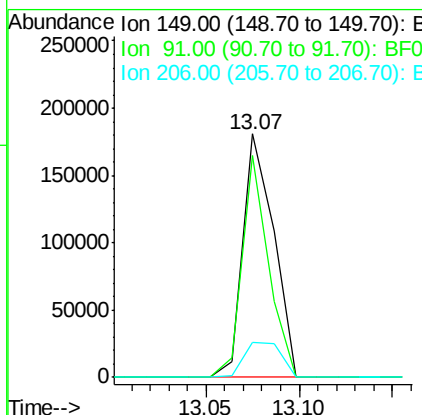
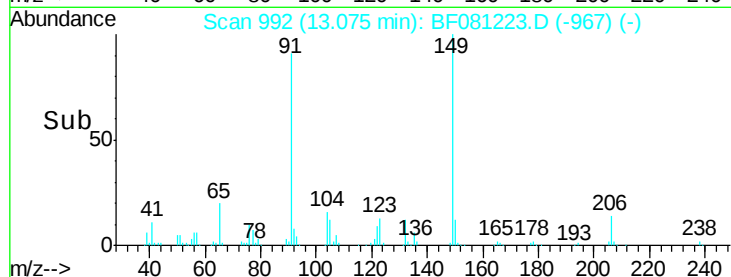
Instrument :
BNA_F
ClientSampleId :
PB85176BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	91.3	46.9	70.3#
206	14.4	17.0	25.4#

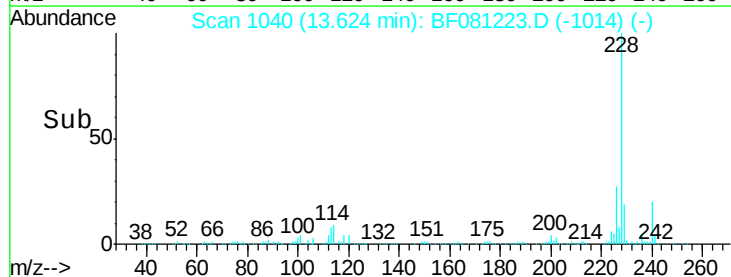
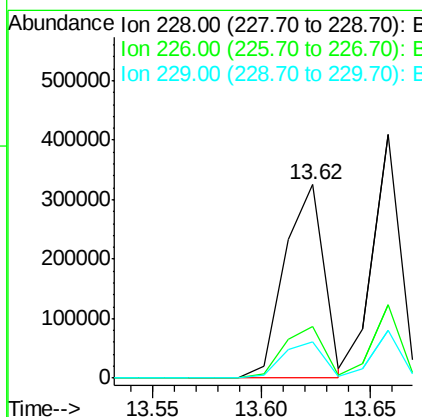
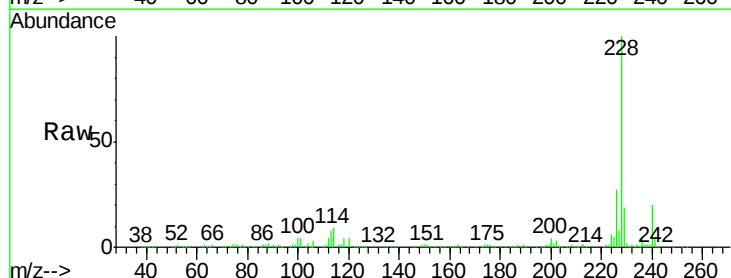
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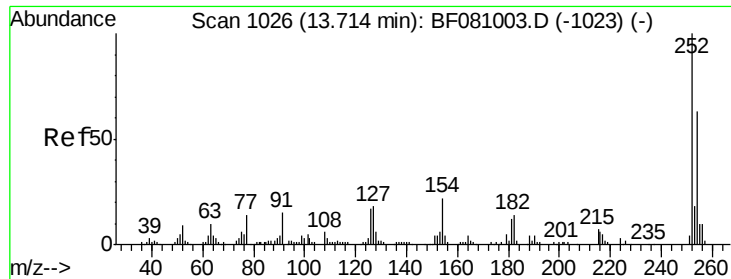
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#80
Benzo(a)anthracene
Concen: 39.62 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.8	22.3	33.5
229	18.9	15.9	23.9





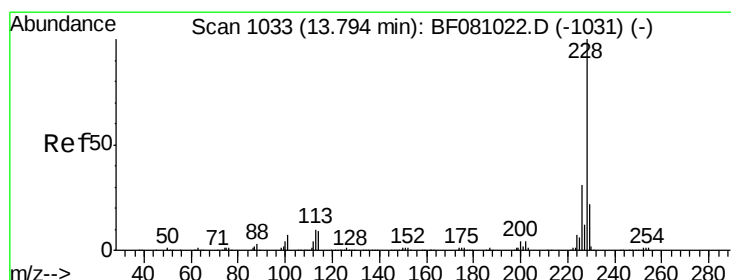
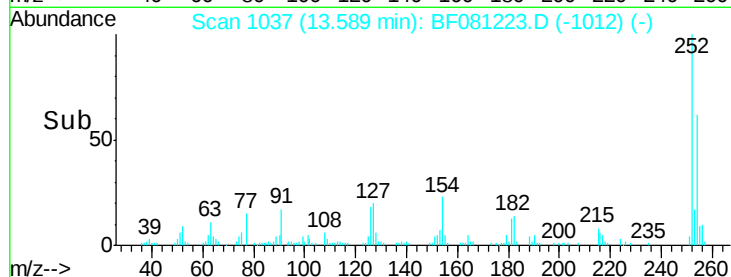
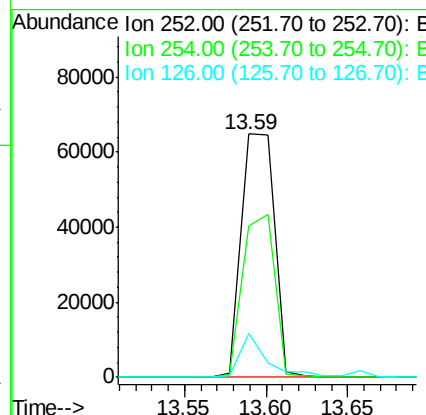
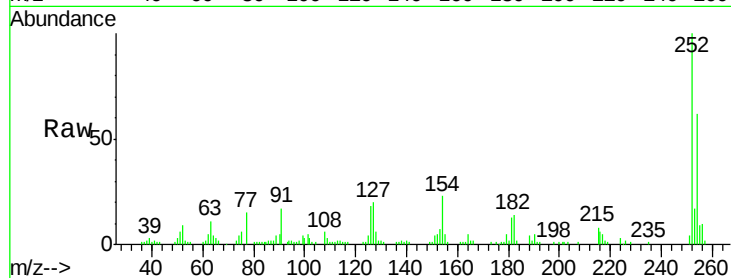
#81
 3,3'-Dichlorobenzidine
 Concen: 27.13 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.4	51.5	77.3
126	18.1	12.5	18.7

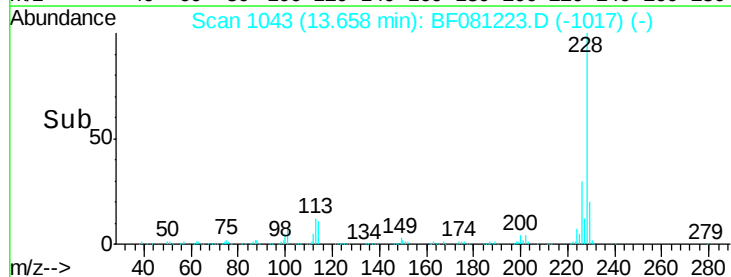
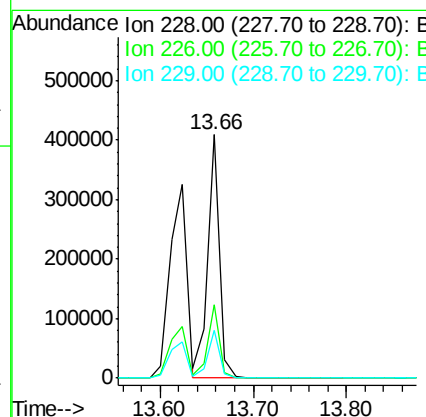
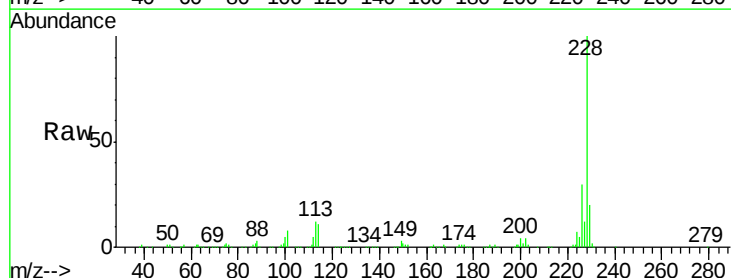
Manual Integrations
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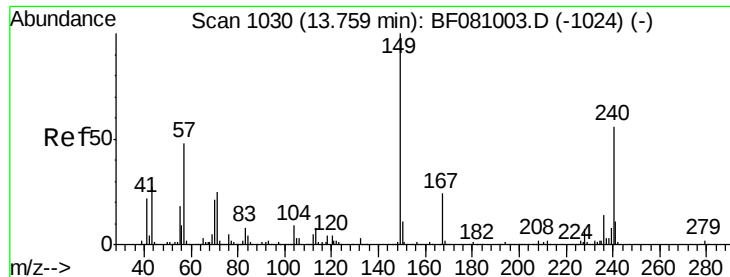
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#82
 Chrysene
 Concen: 39.15 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.4	36.6
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.43 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

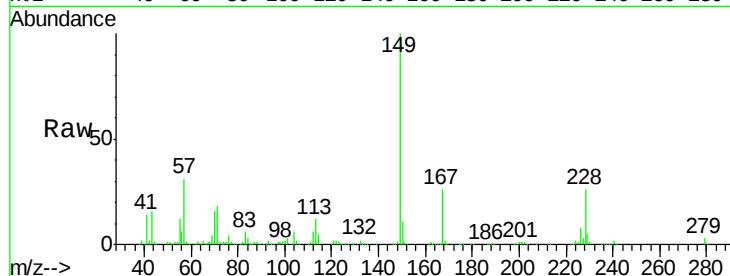
ClientSampleId :

PB85176BS

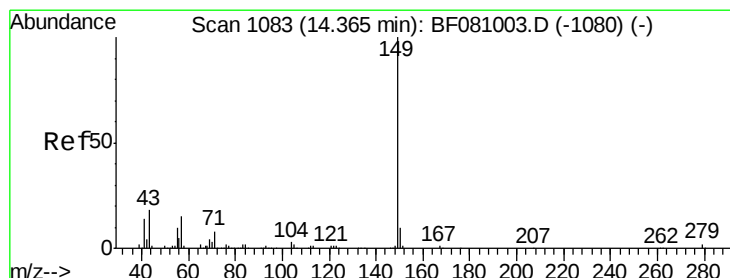
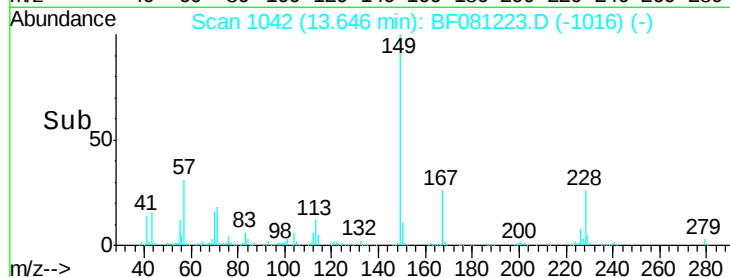
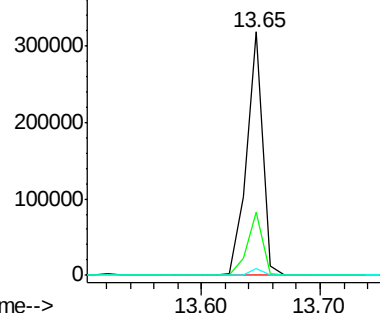
Tgt Ion:	149	Resp:	299545
Ion Ratio	Lower	Upper	
149	100		
167	25.7	20.7	31.1
279	2.6	2.2	3.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.80 ng

RT: 14.25 min Scan# 1095

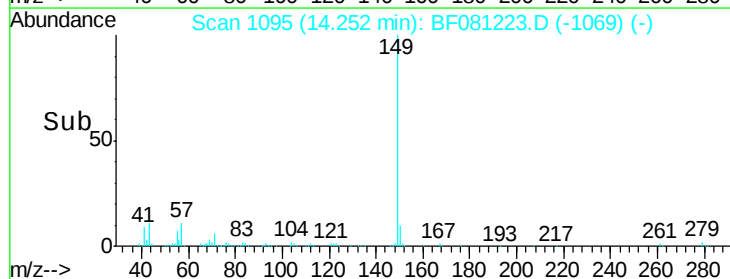
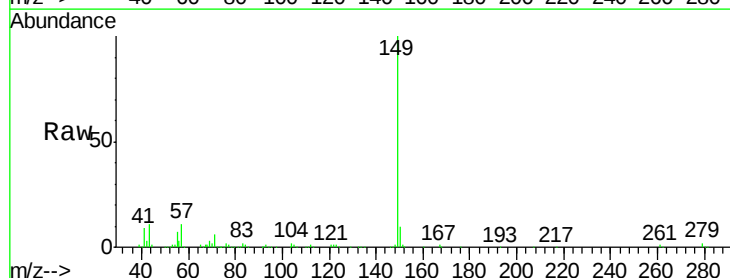
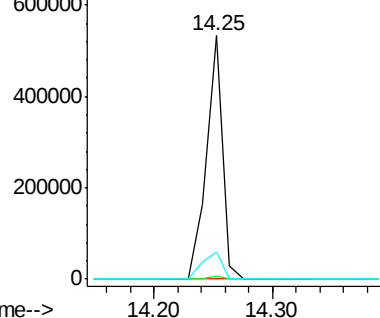
Delta R.T. -0.00 min

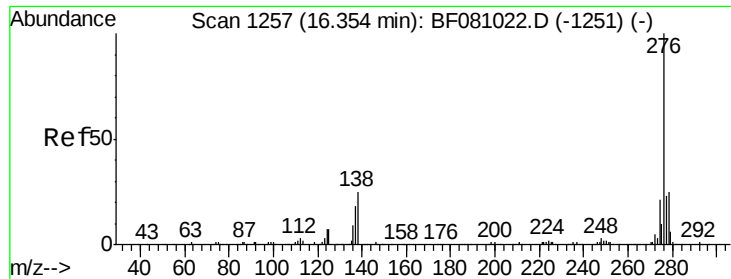
Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion:	149	Resp:	501080
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	13.3	11.6	17.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





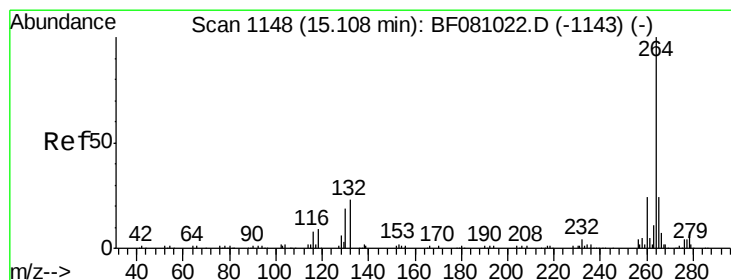
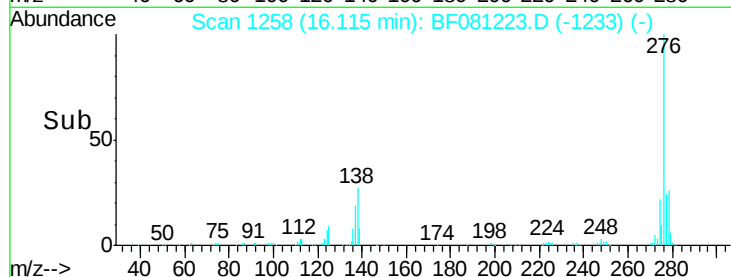
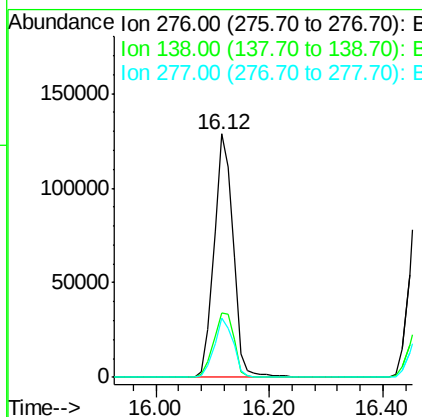
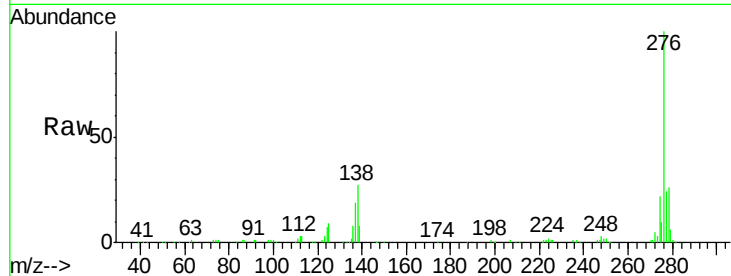
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.55 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	297796		
138	28.8	18.6	28.0#	
277	24.1	19.8	29.8	

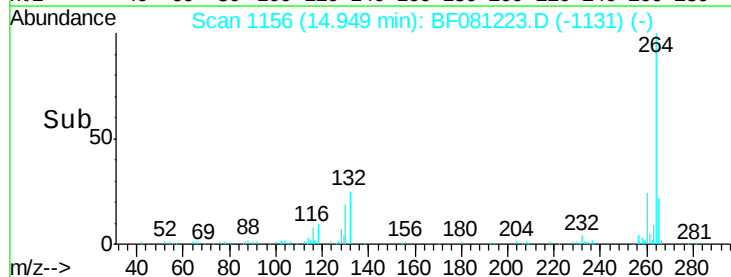
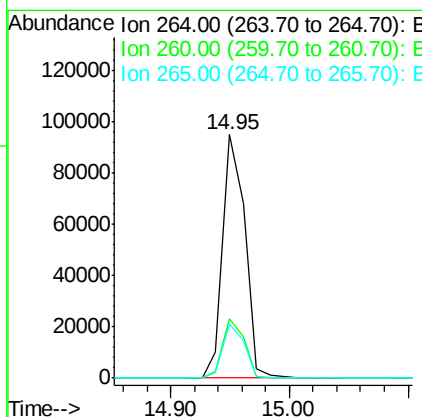
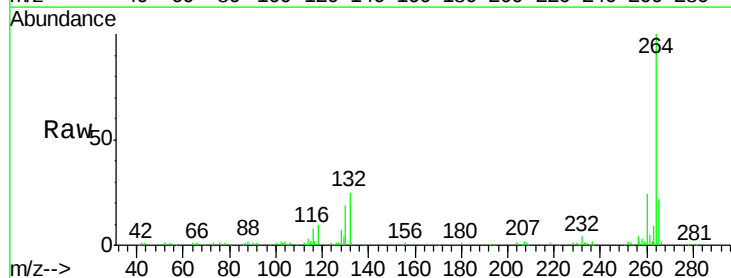
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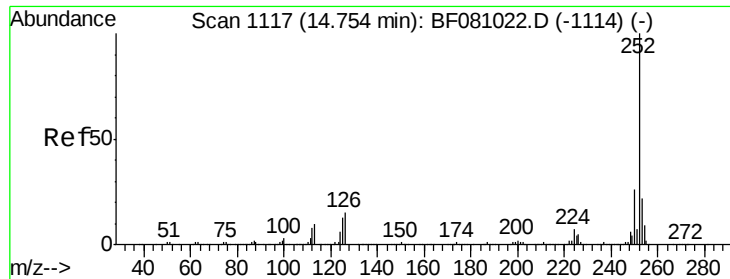
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	123023		
260	24.2	19.6	29.4	
265	22.2	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 52.42 ng m

RT: 14.62 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF081223.D

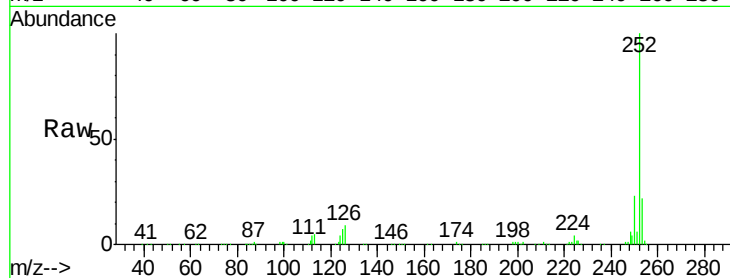
Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PB85176BS



Tgt Ion: 252 Resp: 456188

Ion Ratio Lower Upper

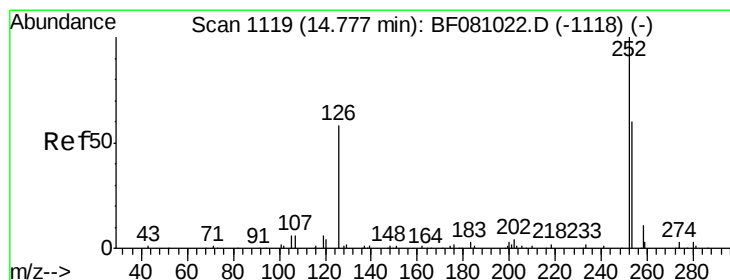
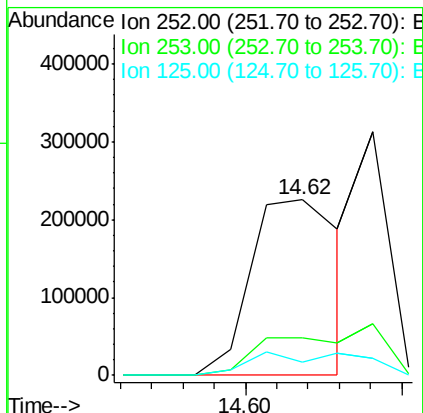
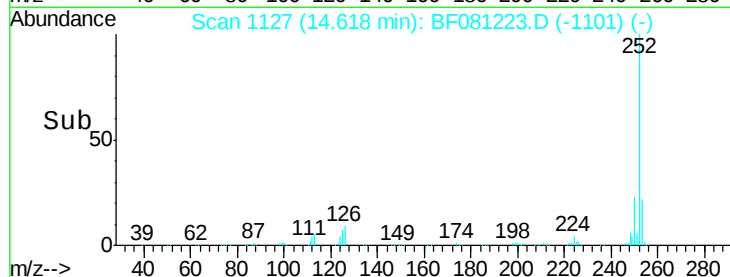
252 100

253 21.5 17.1 25.7

125 7.2 8.0 12.0#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 27.99 ng m

RT: 14.64 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

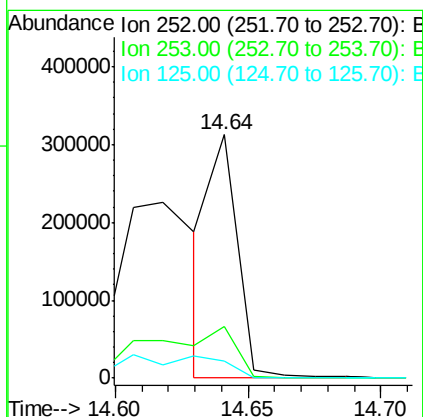
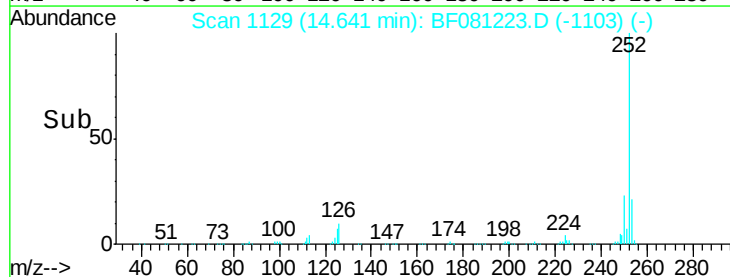
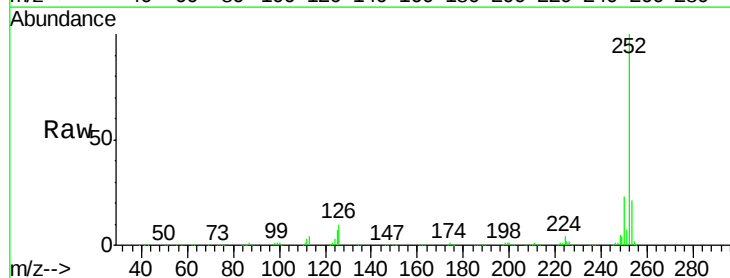
Tgt Ion: 252 Resp: 226977

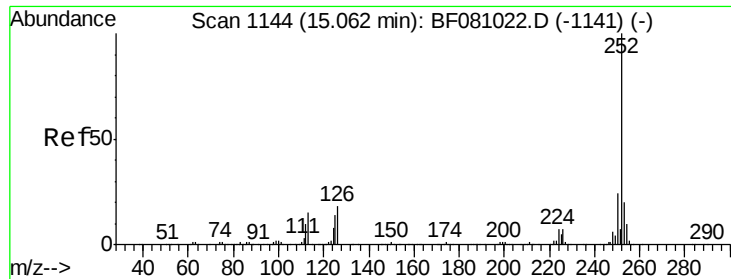
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 6.8 10.3 15.5#





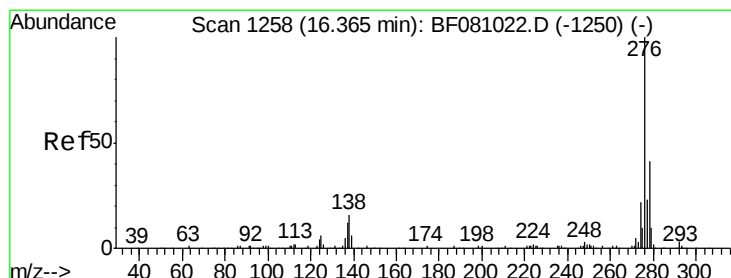
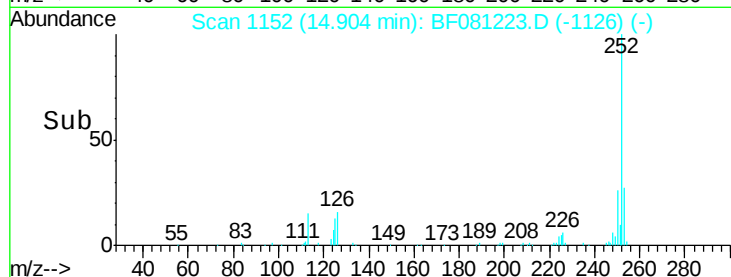
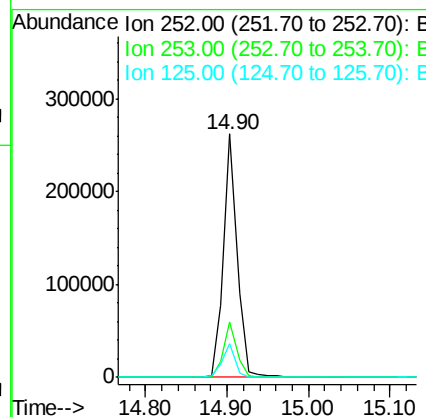
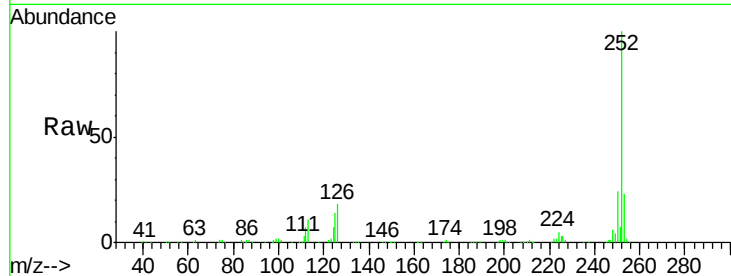
#89
Benzo(a)pyrene
Concen: 40.50 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	16.6	25.0
125	13.7	7.8	11.8

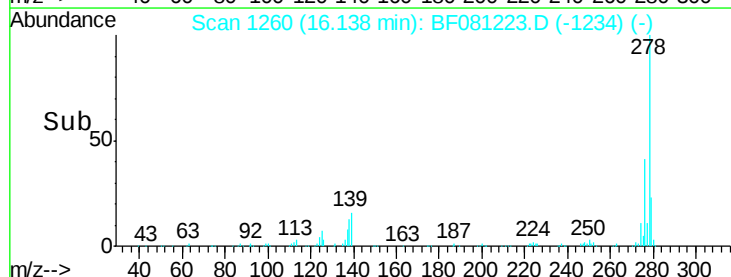
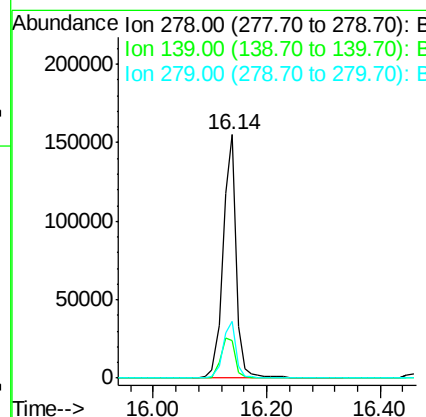
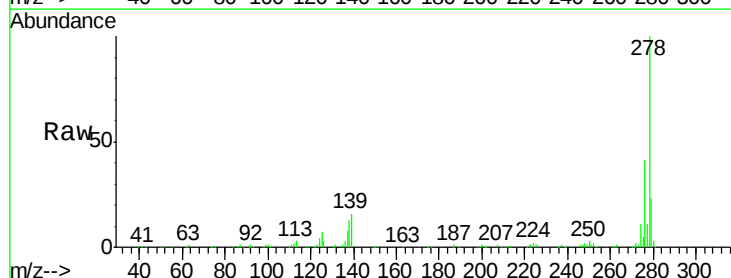
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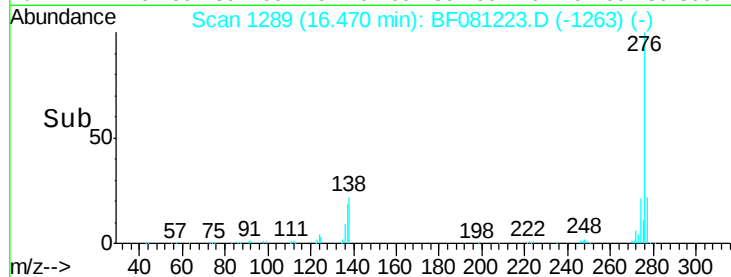
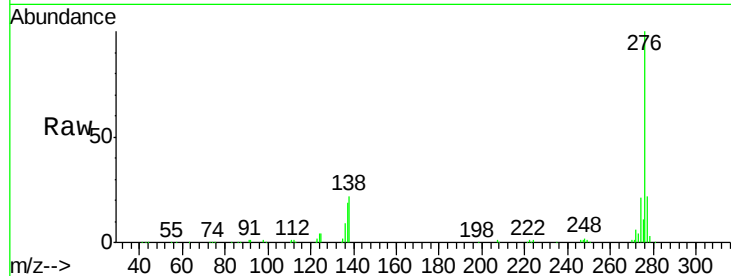
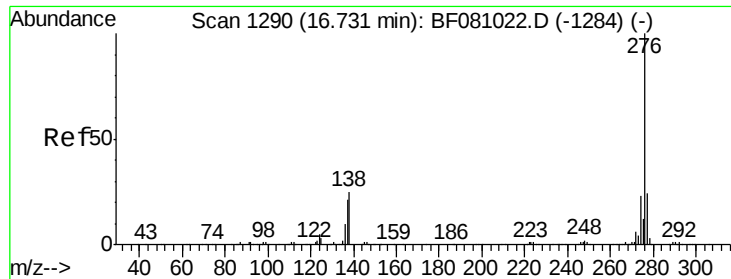
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#90
Dibenzo(a,h)anthracene
Concen: 42.08 ng
RT: 16.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.6	10.8	16.2
279	23.3	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 41.01 ng

RT: 16.47 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

PB85176BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	245824		
277	22.3	18.2	27.2	
138	22.0	13.7	20.5	

Manual Integrations
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