

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082763.D
 Acq On : 6 Nov 2015 16:05
 Operator : UM/IZ
 Sample : PB86454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:17 PM

Quant Time: Nov 07 03:07:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165309	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	618726	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	349475	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	641344	20.00	ng	0.00
75) Chrysene-d12	14.02	240	592775	20.00	ng	0.00
86) Perylene-d12	15.46	264	531585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	915768	86.19	ng	0.01
7) Phenol-d6	6.49	99	1374867	97.34	ng	0.01
23) Nitrobenzene-d5	7.41	82	920339	64.72	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	372240	92.90	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1628268	66.78	ng	0.00
78) Terphenyl-d14	12.96	244	1609195	64.39	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	130126	28.39	ng	94
3) Pyridine	3.25	79	370068	27.82	ng	97
4) n-Nitrosodimethylamine	3.20	42	195937	29.70	ng	# 84
6) Aniline	6.51	93	359748	18.14	ng	95
8) 2-Chlorophenol	6.64	128	377117	32.02	ng	92
9) Benzaldehyde	6.38	77	45310	5.81	ng	97
10) Phenol	6.50	94	561425	35.03	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	354799	29.60	ng	# 81
12) 1,3-Dichlorobenzene	6.80	146	385229m	29.00	ng	
13) 1,4-Dichlorobenzene	6.86	146	392990	28.44	ng	98
14) 1,2-Dichlorobenzene	7.02	146	394965	31.43	ng	98
15) Benzyl Alcohol	6.99	79	363102	29.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	562787	32.01	ng	94
17) 2-Methylphenol	7.10	107	293784	29.45	ng	97
18) Hexachloroethane	7.37	117	148738	30.09	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	278513	26.82	ng	91
20) 3+4-Methylphenols	7.26	107	420195	32.40	ng	94
22) Acetophenone	7.26	105	548135	30.92	ng	# 92
24) Nitrobenzene	7.42	77	437387	30.08	ng	# 87
25) Isophorone	7.68	82	801143	30.45	ng	98
26) 2-Nitrophenol	7.74	139	181441	29.89	ng	85
27) 2,4-Dimethylphenol	7.79	122	332787	30.51	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	468097	31.54	ng	100
29) 2,4-Dichlorophenol	8.00	162	347688	35.27	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	332039	29.95	ng	98
31) Naphthalene	8.16	128	989126	28.98	ng	98
32) Benzoic acid	7.92	122	223524	29.94	ng	# 85
33) 4-Chloroaniline	8.20	127	221928	15.08	ng	93
34) Hexachlorobutadiene	8.28	225	208897	30.11	ng	99
35) Caprolactam	8.57	113	109161	35.13	ng	# 75
36) 4-Chloro-3-methylphenol	8.69	107	393141	33.92	ng	87
37) 2-Methylnaphthalene	8.85	142	740378	33.53	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	351455	30.60	ng	98
40) Hexachlorocyclopentadiene	9.01	237	441619	71.58	ng	100

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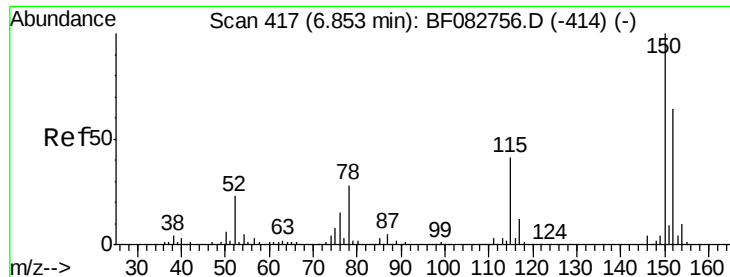
Manual Integrations
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 11/9/2015 2:10:17 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	251195	29.30	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	249773	29.46	nq #	84
45) 1,1'-Biphenyl	9.31	154	849300	28.32	nq	96
46) 2-Chloronaphthalene	9.33	162	675028	28.86	nq	94
47) 2-Nitroaniline	9.42	65	232977	26.85	nq	94
48) Acenaphthylene	9.76	152	1151189	31.40	nq	98
49) Dimethylphthalate	9.62	163	870523	30.40	nq	99
50) 2,6-Dinitrotoluene	9.68	165	198881	32.55	nq #	84
51) Acenaphthene	9.93	154	840975	36.20	nq	99
52) 3-Nitroaniline	9.84	138	115788	17.23	nq	91
53) 2,4-Dinitrophenol	9.95	184	238861	71.21	nq #	13
54) Dibenzofuran	10.10	168	1031483	32.93	nq	94
55) 4-Nitrophenol	10.01	139	338326	65.64	nq	96
56) 2,4-Dinitrotoluene	10.08	165	242322	29.23	nq #	98
57) Fluorene	10.44	166	851675	33.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	214309	30.97	nq	92
59) Diethylphthalate	10.32	149	827798	29.61	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	364542	28.72	nq #	82
61) 4-Nitroaniline	10.45	138	188190	27.85	nq	86
62) Azobenzene	10.59	77	938811	31.26	nq	88
64) 4,6-Dinitro-2-methylphenol	10.49	198	150534	32.95	nq	94
65) n-Nitrosodiphenylamine	10.56	169	704661	30.41	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	240771	31.18	nq #	79
67) Hexachlorobenzene	10.99	284	273947	31.77	nq #	75
68) Atrazine	11.08	200	265058	37.00	nq	96
69) Pentachlorophenol	11.18	266	350916	67.02	nq	98
70) Phenanthrene	11.40	178	1269201	34.08	nq	98
71) Anthracene	11.45	178	1107169	28.22	nq	99
72) Carbazole	11.60	167	1050334	30.58	nq	99
73) Di-n-butylphthalate	11.94	149	1259708	29.44	nq	99
74) Fluoranthene	12.58	202	1219088	30.50	nq	98
76) Benzidine	12.71	184	396363	19.95	nq	100
77) Pyrene	12.81	202	1191377	29.27	nq	98
79) Butylbenzylphthalate	13.44	149	550707	30.62	nq	99
80) Benzo(a)anthracene	14.01	228	1155023	31.16	nq	97
81) 3,3'-Dichlorobenzidine	13.96	252	254157	19.29	nq	99
82) Chrysene	14.04	228	1120135	32.99	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	775010	31.48	nq	99
84) Di-n-octyl phthalate	14.64	149	1314030	32.00	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	927037	31.70	nq	99
87) Benzo(b)fluoranthene	15.05	252	1213727m	35.57	nq	
88) Benzo(k)fluoranthene	15.08	252	774508m	25.59	nq	
89) Benzo(a)pyrene	15.40	252	922083	31.19	nq	99
90) Dibenzo(a,h)anthracene	16.88	278	778981	31.12	nq	97
91) Benzo(g,h,i)perylene	17.28	276	729359	30.42	nq	97

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



#1

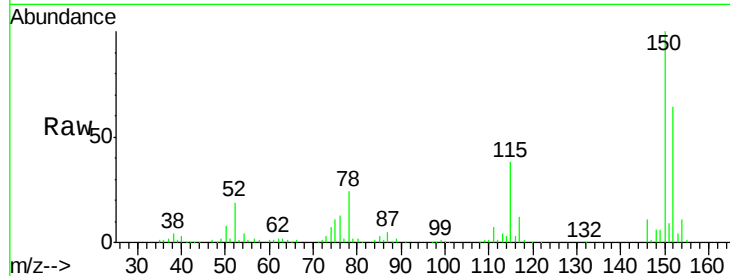
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

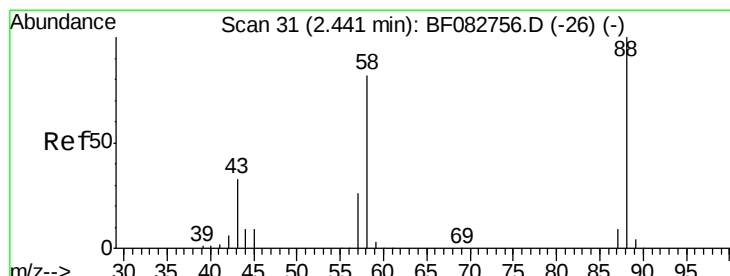
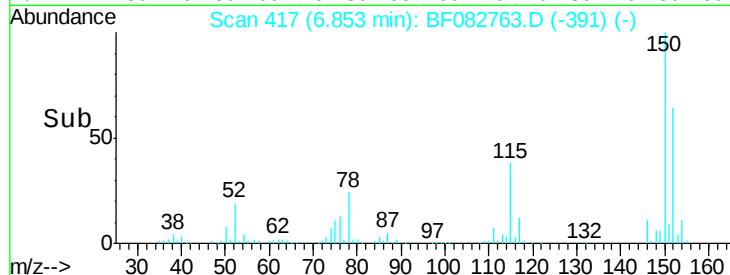
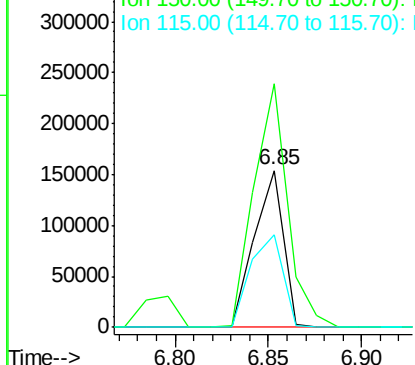
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.0	190.4
115	59.0	47.0	70.6

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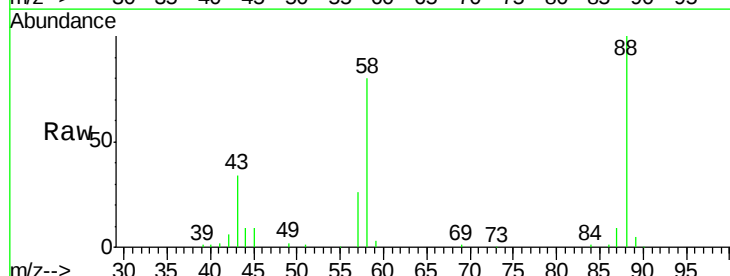
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



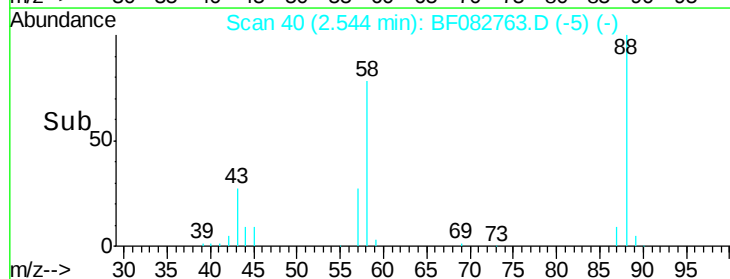
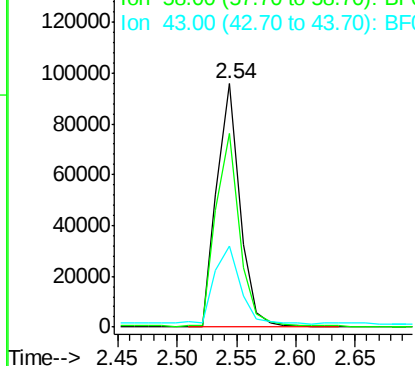
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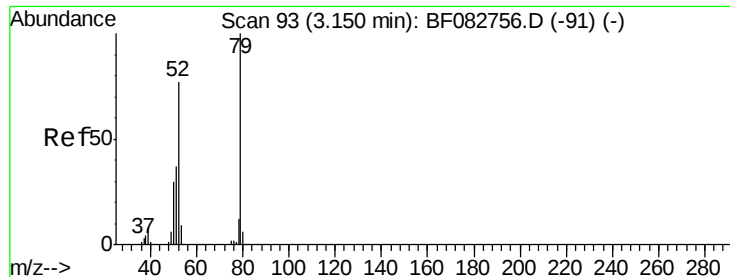
1,4-Dioxane
Concen: 28.39 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.10 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	62.0	93.0
43	35.7	26.6	40.0



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





#3

Pvridine

Concen: 27.82 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

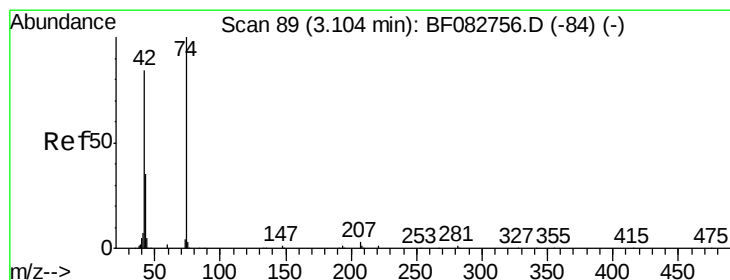
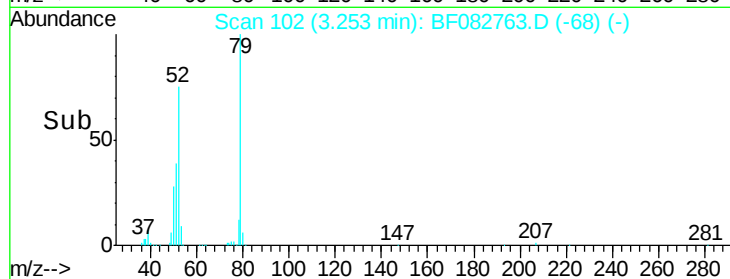
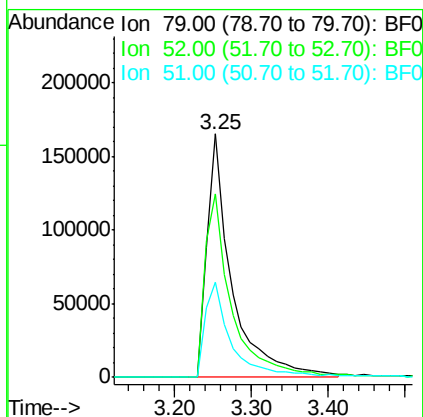
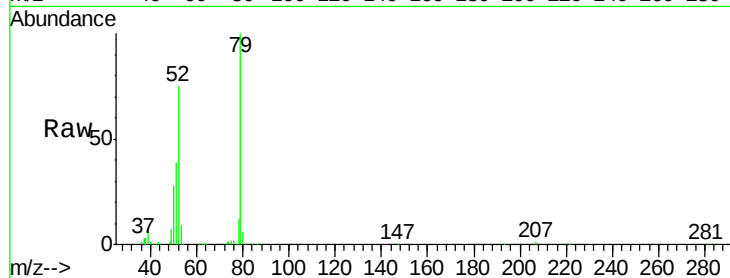
ClientSampleId :

PB86454BS

Tot Ion:	79	Resp:	370068
Ion Ratio	Lower	Upper	
79	100		
52	75.3	62.8	94.2
51	39.3	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 29.70 ng

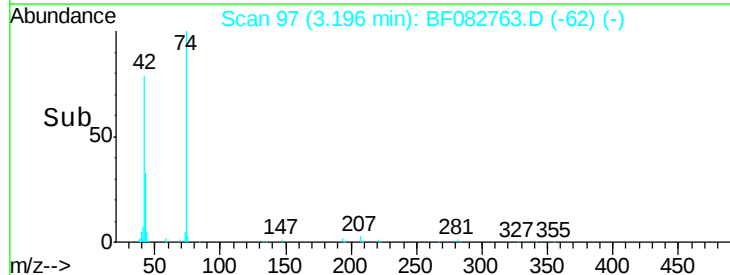
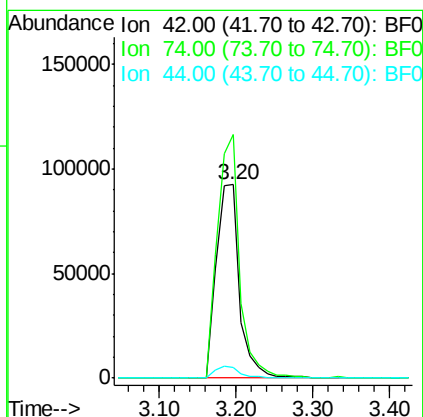
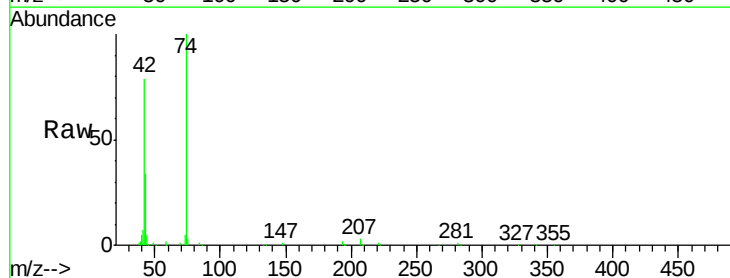
RT: 3.20 min Scan# 97

Delta R.T. 0.10 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	42	Resp:	195937
Ion Ratio	Lower	Upper	
42	100		
74	126.1	87.0	130.4
44	5.8	5.8	8.8#





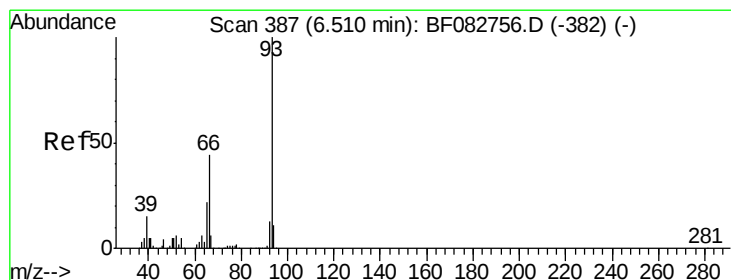
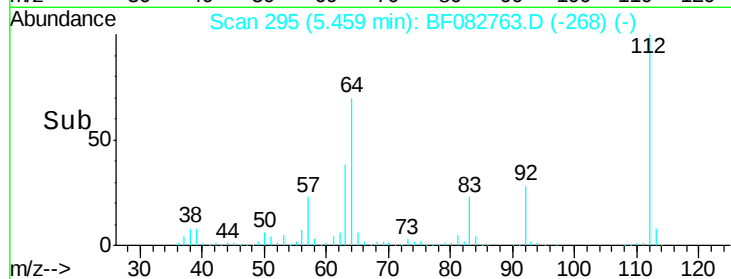
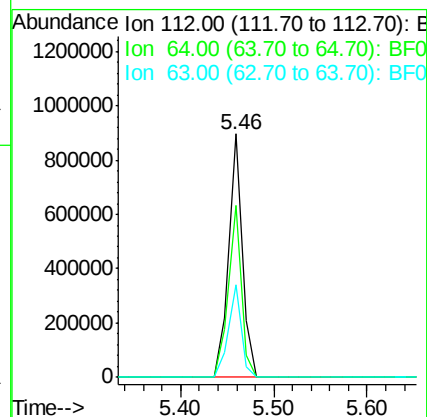
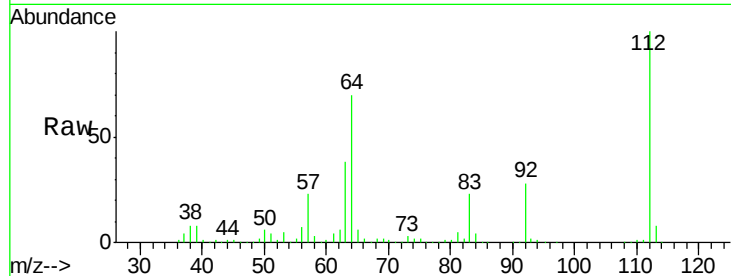
#5
2-Fluorophenol
Concen: 86.19 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		915768		
64	70.5	48.9	73.3		
63	38.0	28.1	42.1		

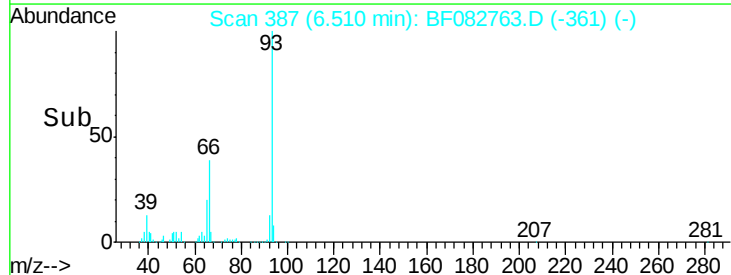
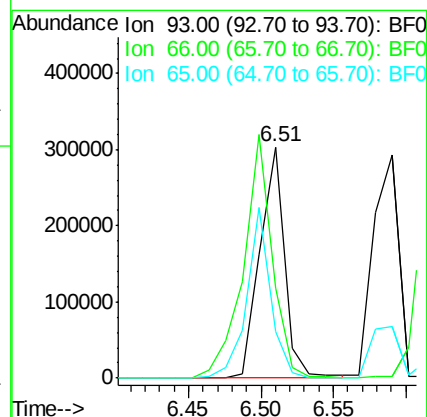
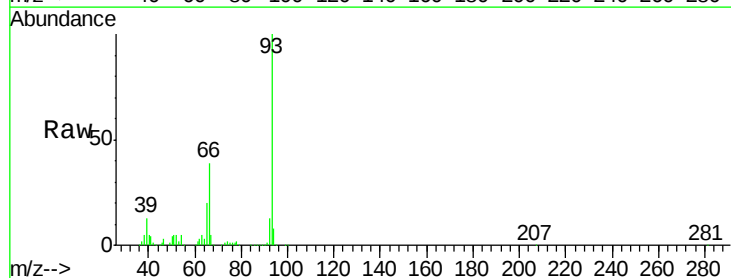
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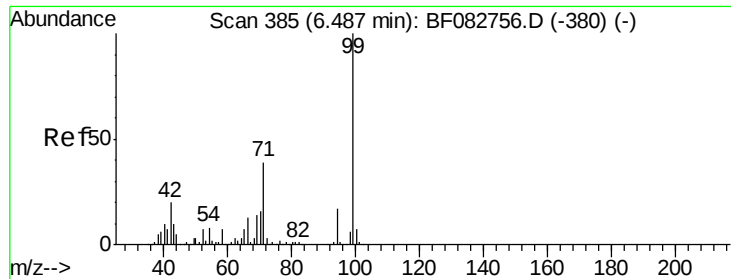
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#6
Aniline
Concen: 18.14 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		359748		
66	38.9	33.6	50.4		
65	20.1	18.1	27.1		





#7

Phenol-d6

Concen: 97.34 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion: 99 Resp: 1374867

Ion Ratio Lower Upper

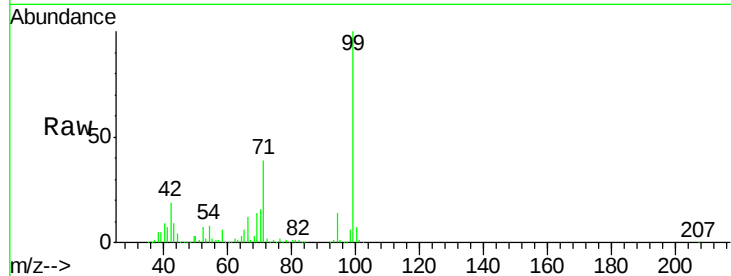
99 100

42 19.3 19.2 28.8

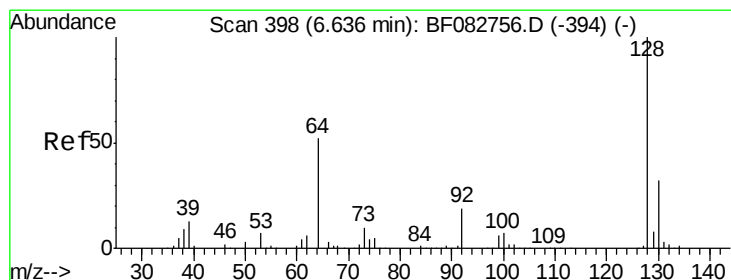
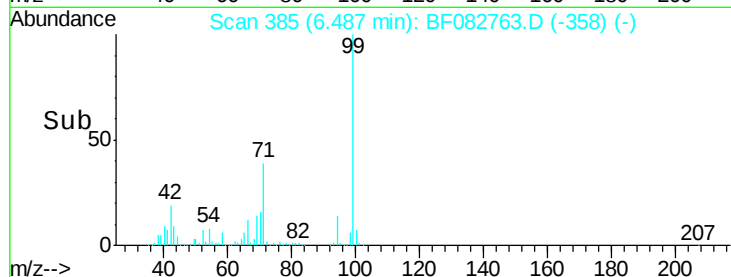
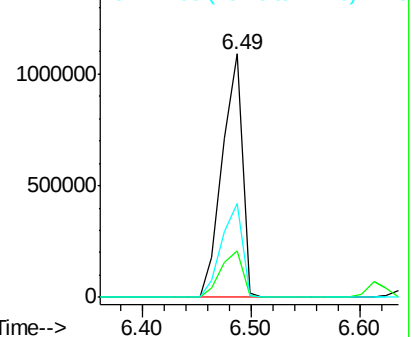
71 38.6 35.0 52.4

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.02 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

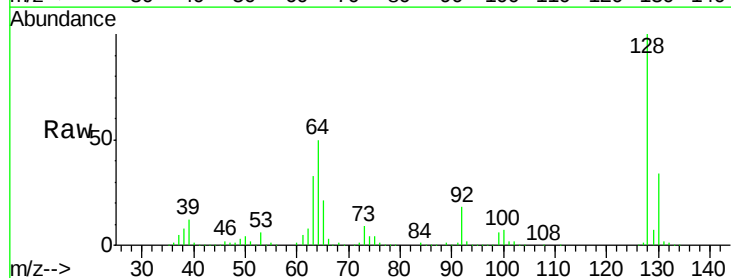
Tgt Ion: 128 Resp: 377117

Ion Ratio Lower Upper

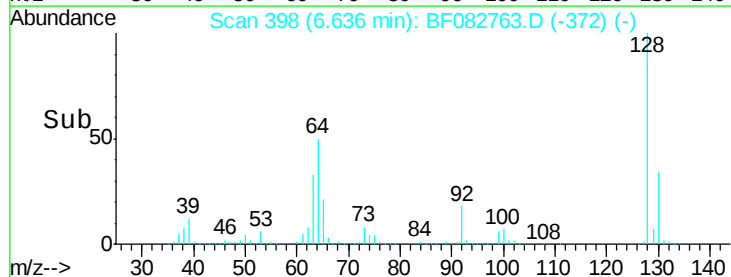
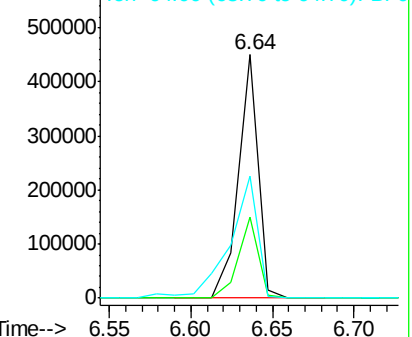
128 100

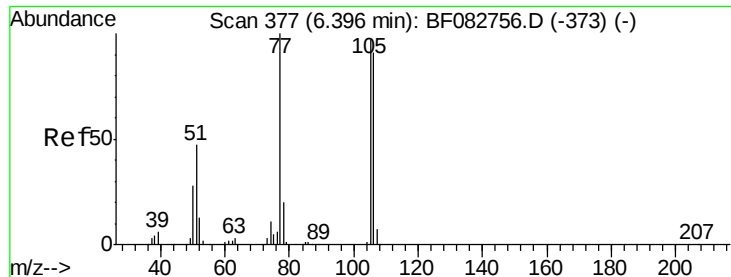
130 33.5 13.5 53.5

64 50.3 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.81 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082763.D

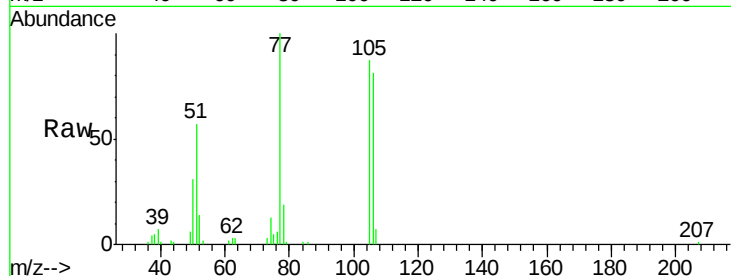
Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

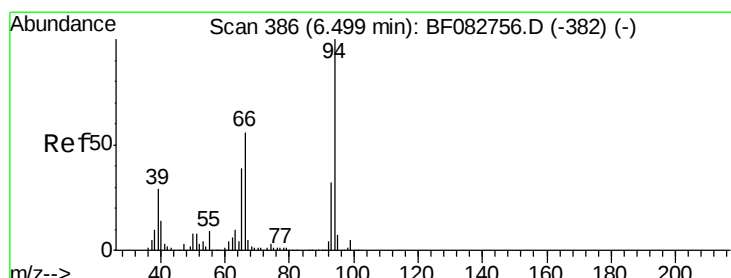
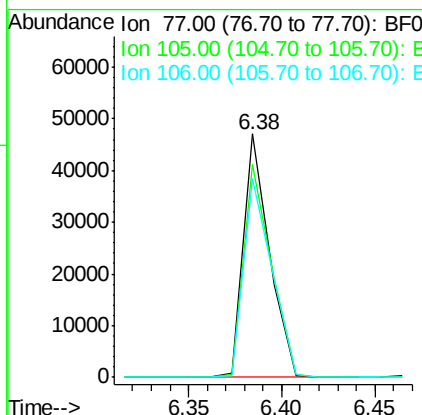
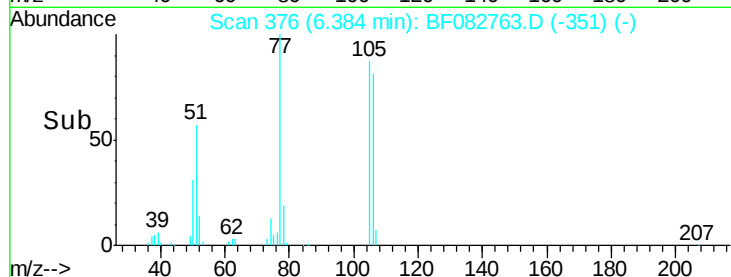
PB86454BS



Tot Ion:	77	Resp:	45310
Ion	Ratio	Lower	Upper
77	100		
105	87.3	63.5	103.5
106	81.4	59.3	99.3

Manual Integrations
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#10

Phenol

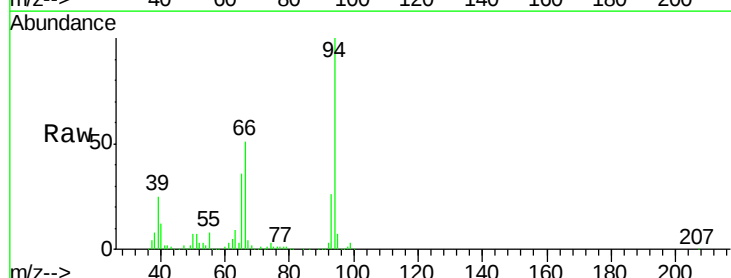
Concen: 35.03 ng

RT: 6.50 min Scan# 386

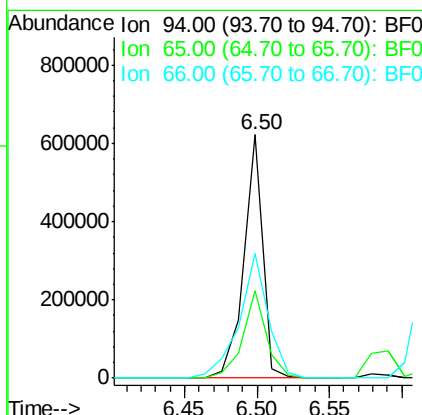
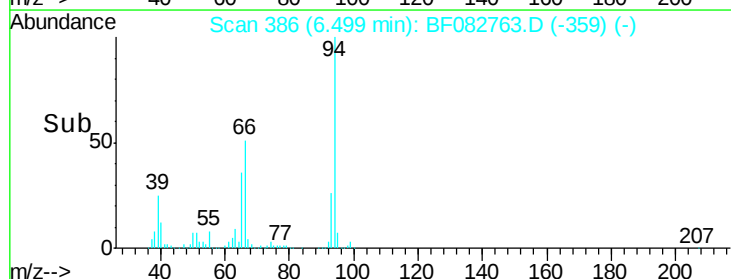
Delta R.T. 0.01 min

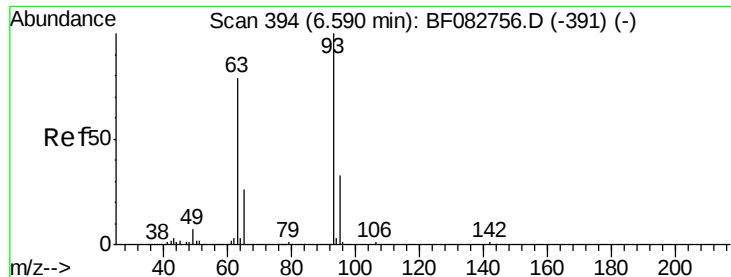
Lab File: BF082763.D

Acq: 6 Nov 2015 16:05



Tgt Ion:	94	Resp:	561425
Ion	Ratio	Lower	Upper
94	100		
65	35.9	18.9	58.9
66	51.4	34.9	74.9





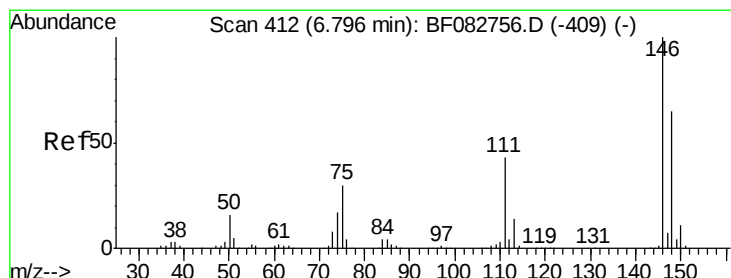
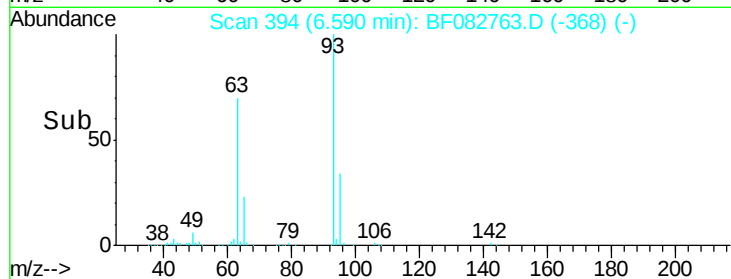
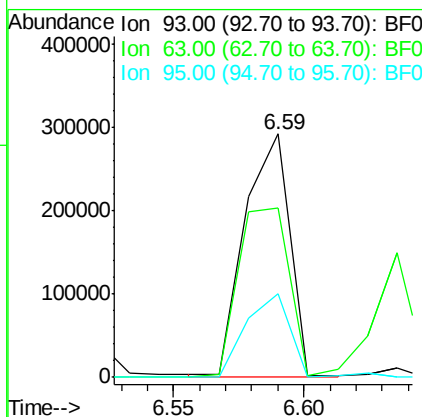
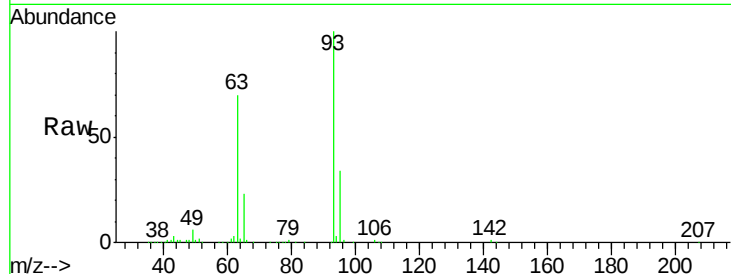
#11
bis(2-Chloroethyl)ether
Concen: 29.60 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.6	72.7	112.7#
95	34.3	12.0	52.0

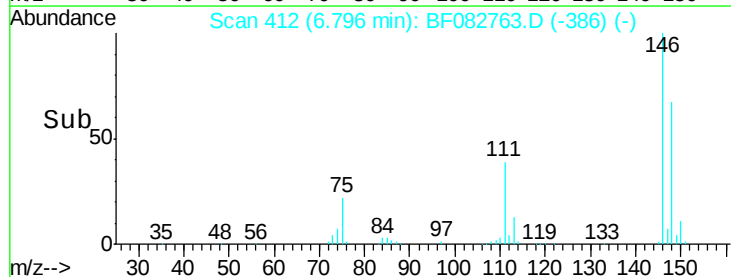
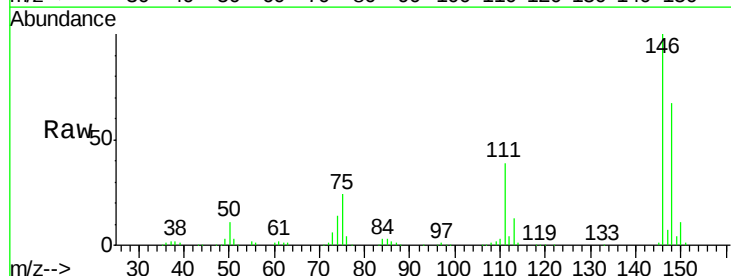
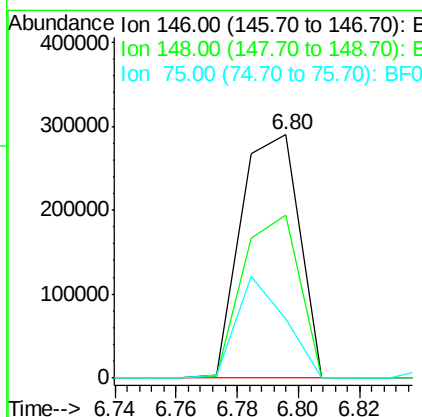
Manual Integrations
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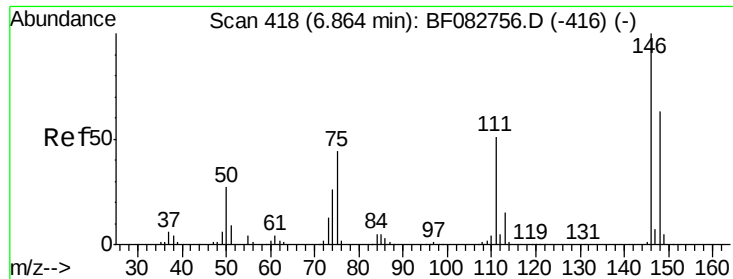
Mmdadoda
11/9/2015 2:10:17 PM



#12
1,3-Dichlorobenzene
Concen: 29.00 ng m
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.5	75.7
75	24.1	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 28.44 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

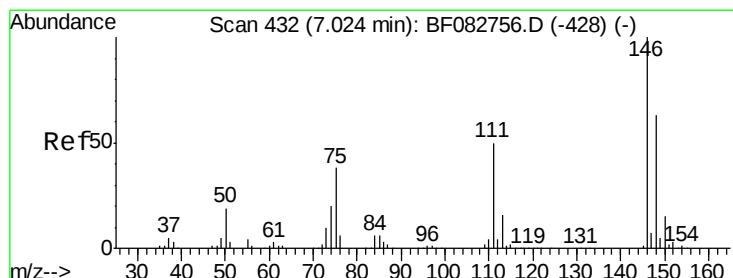
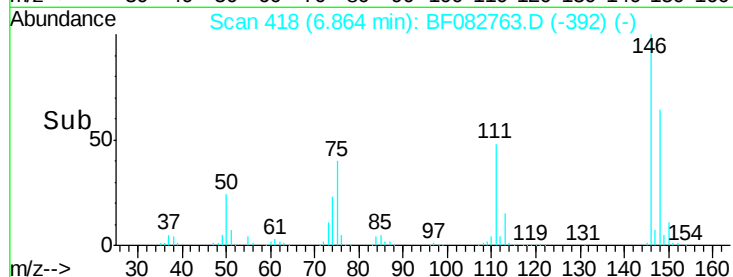
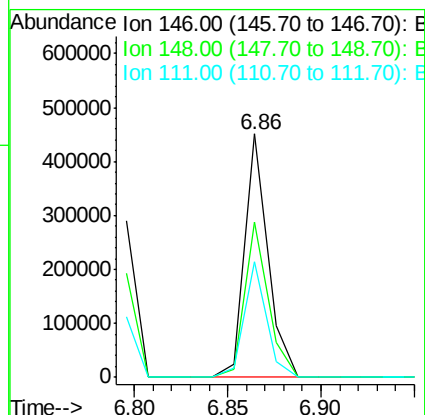
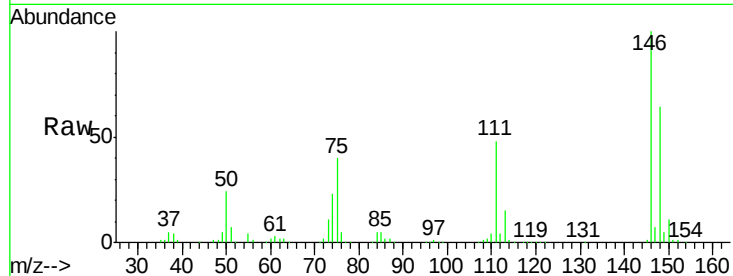
ClientSampleId :

PB86454BS

Tot Ion:	146	Resp:	392990
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.8	76.2
111	47.6	40.6	60.8

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11/9/2015 2:10:17 PM



#14

1,2-Dichlorobenzene

Concen: 31.43 ng

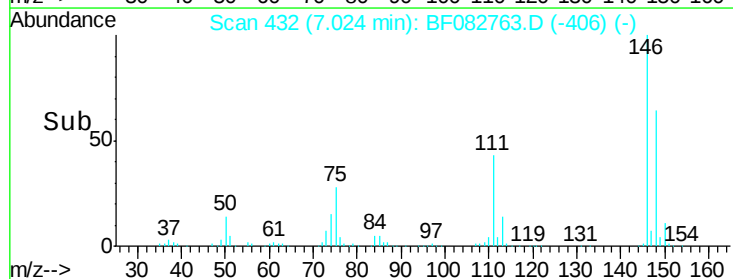
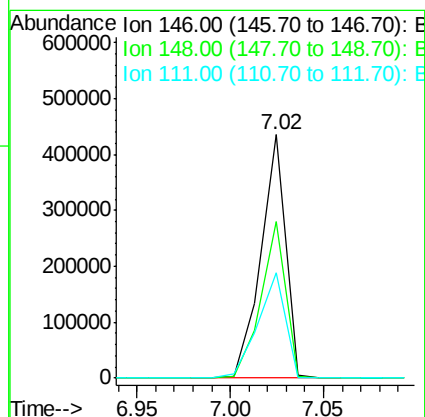
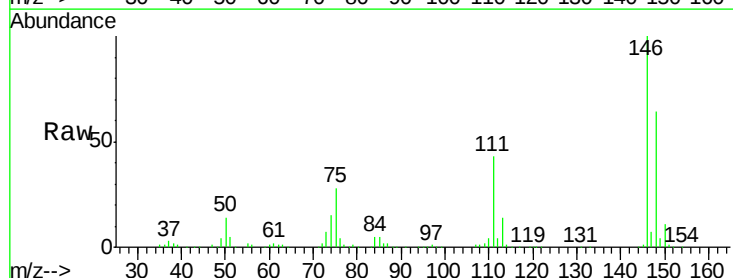
RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	146	Resp:	394965
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.4
111	43.3	36.6	55.0





#15

Benzyl Alcohol

Concen: 29.27 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

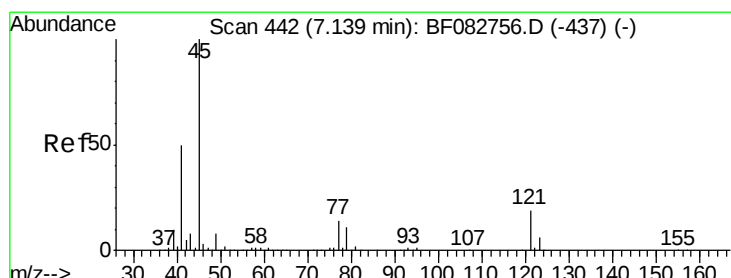
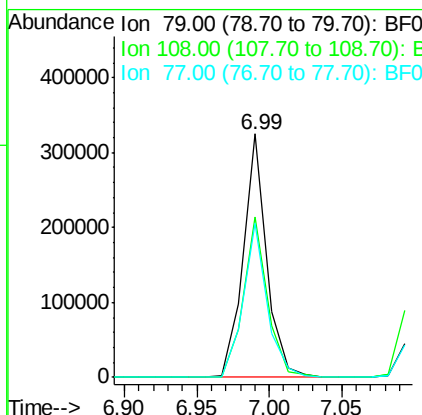
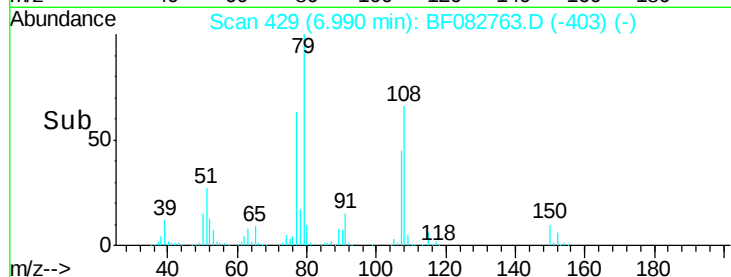
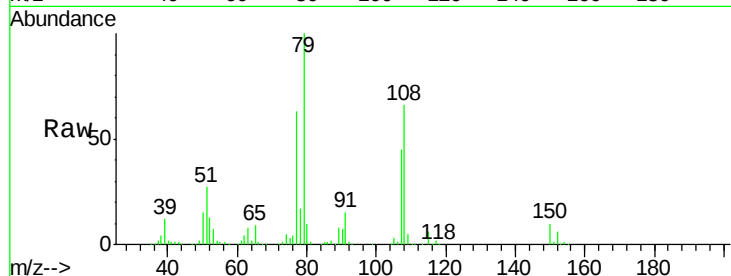
ClientSampleId :

PB86454BS

Tot Ion:	79	Resp:	363102
Ion Ratio	Lower	Upper	
79	100		
108	65.7	52.2	78.4
77	63.4	52.7	79.1

Manual Integrations
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Mmdadoda
11/9/2015 2:10:17 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.01 ng

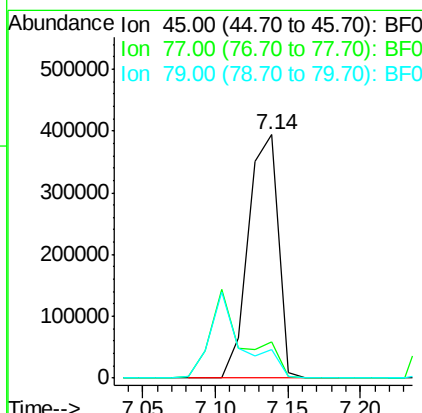
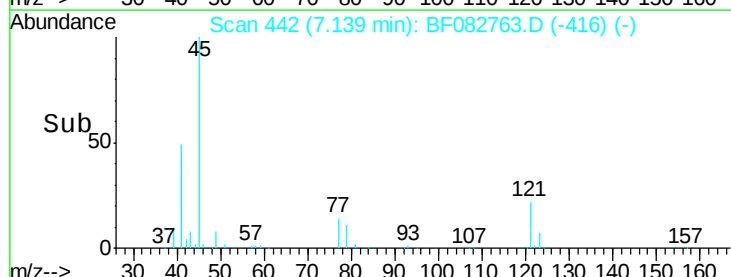
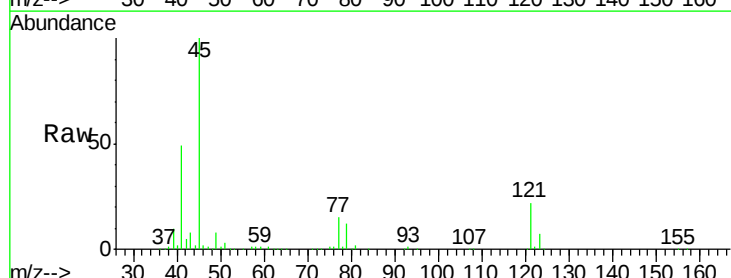
RT: 7.14 min Scan# 442

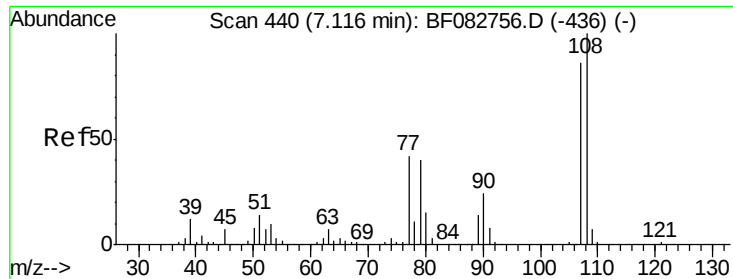
Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	45	Resp:	562787
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	32.6
79	11.6	0.0	29.2





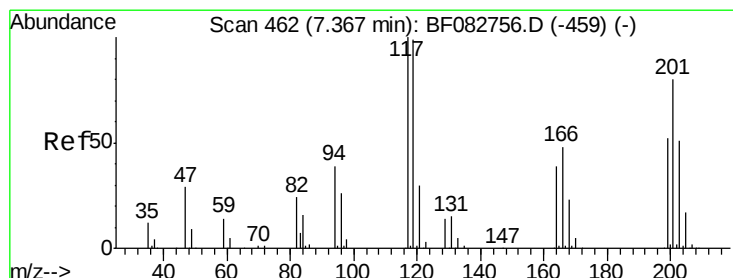
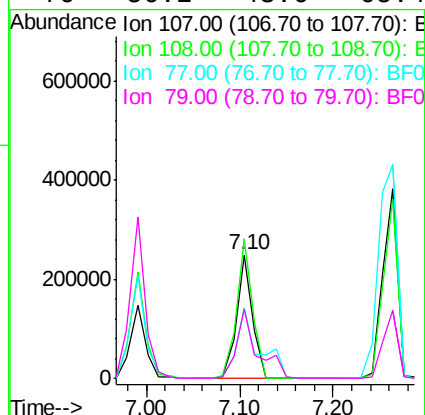
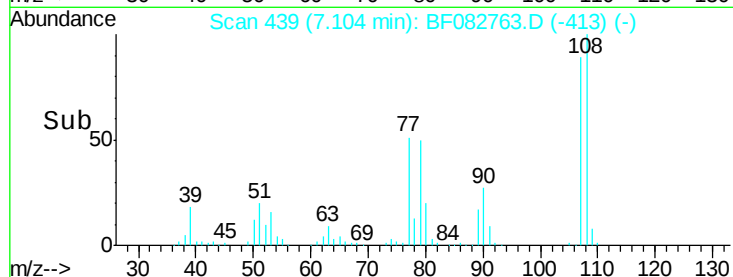
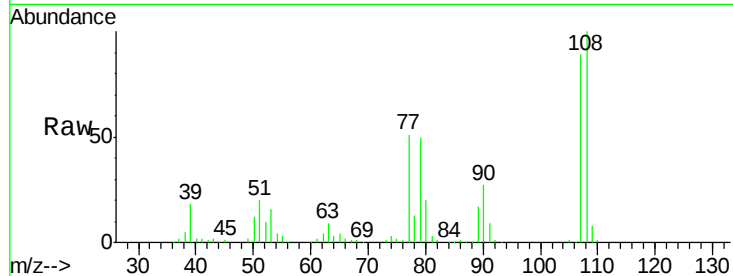
#17
2-Methylphenol
Concen: 29.45 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	293784		
108	112.9	93.0	139.4	
77	57.7	44.1	66.1	
79	56.2	43.6	65.4	

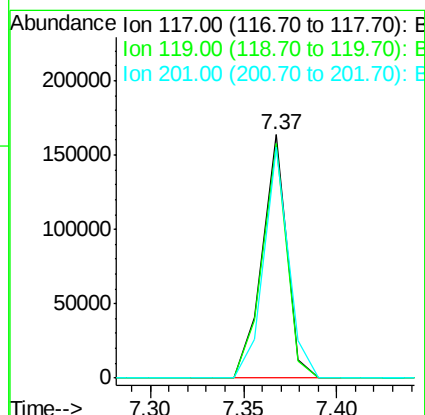
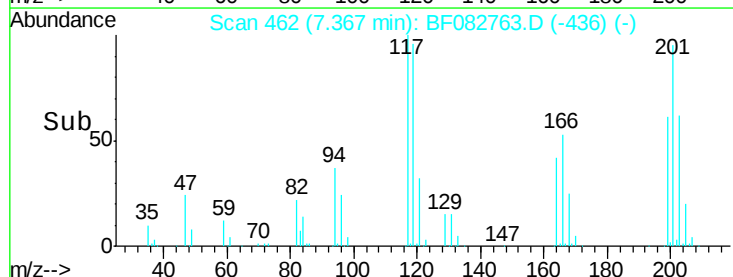
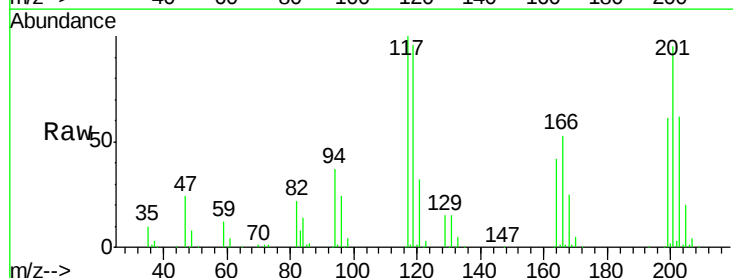
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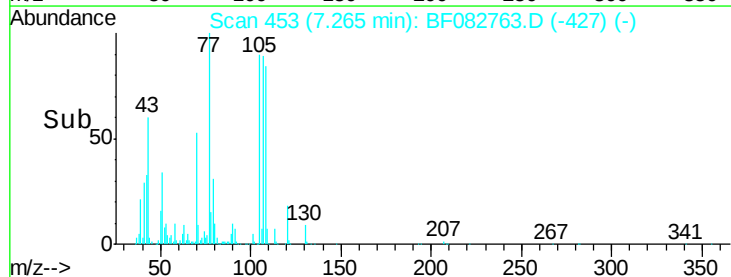
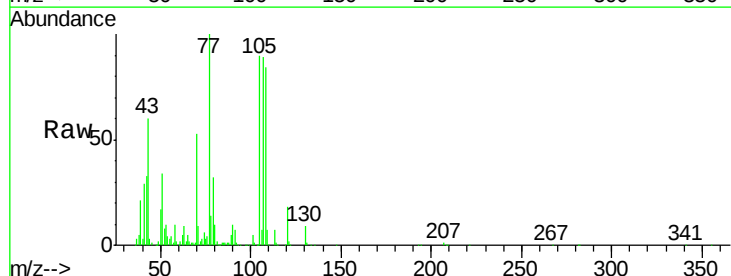
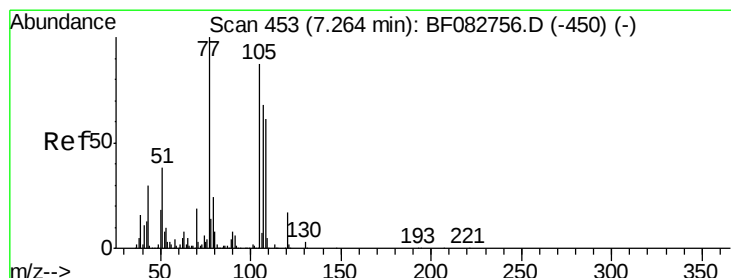
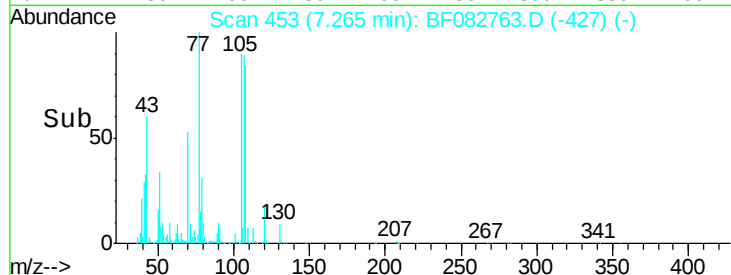
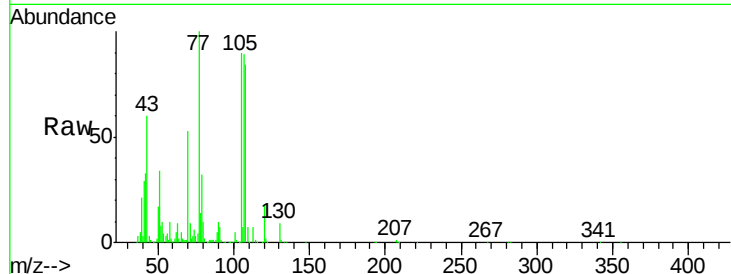
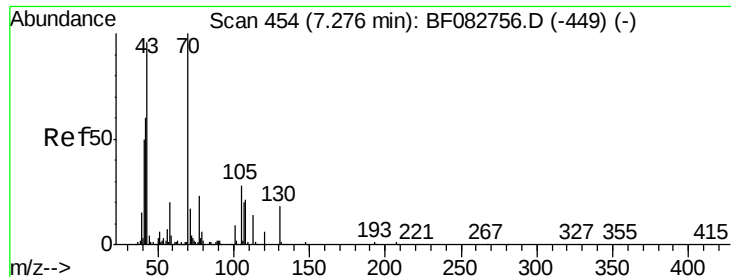
Mmdadoda
11/9/2015 2:10:17 PM



#18
Hexachloroethane
Concen: 30.09 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

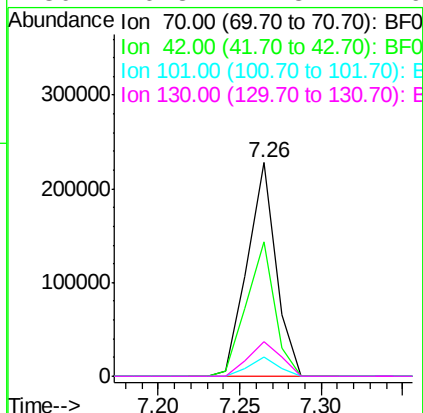
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	148738		
119	96.3	77.7	116.5	
201	94.6	66.7	100.1	





#19
n-Nitroso-di-n-propylamine
Concen: 26.82 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		278513		
42	62.9	57.7	86.5		
101	8.8	7.0	10.6		
130	16.3	11.8	17.6		



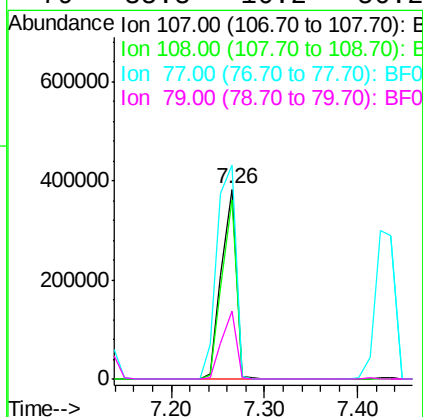
Instrument :
BNA_F
ClientSampleId :
PB86454BS

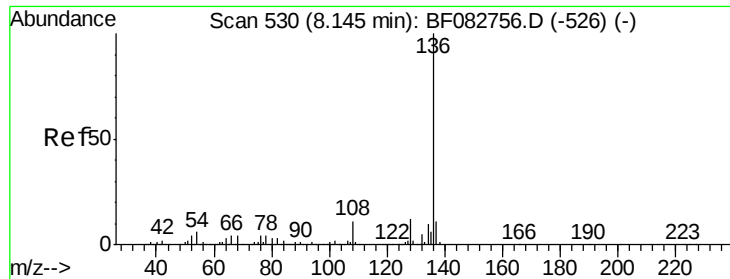
Manual Integrations
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Mmdadoda
11/9/2015 2:10:17 PM

#20
3+4-Methylphenols
Concen: 32.40 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		420195		
108	94.3	67.3	107.3		
77	112.7	100.3	140.3		
79	35.8	16.2	56.2		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082763.D

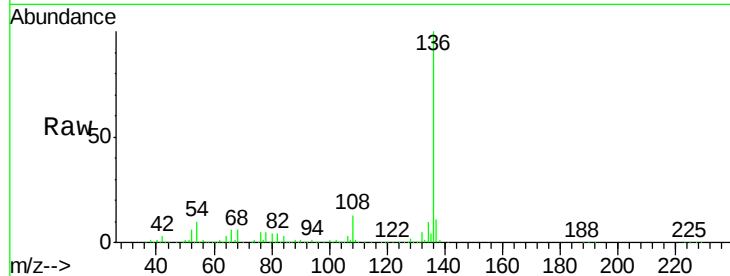
Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

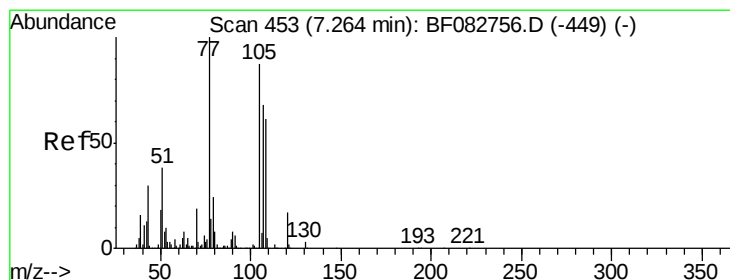
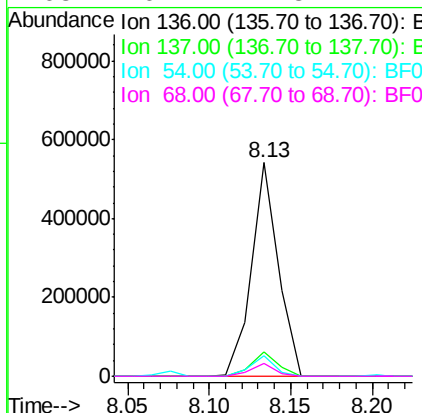
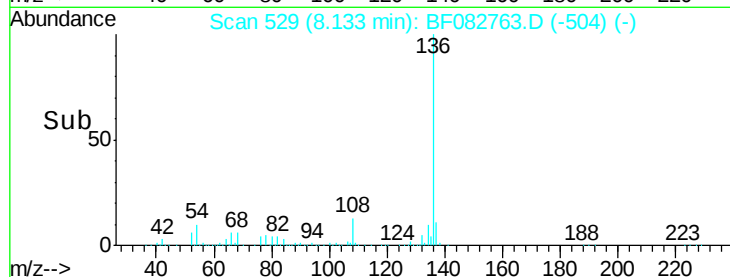
PB86454BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2	9.1	13.7		
54	9.7	9.1	13.7		
68	6.1	4.8	7.2		

Manual Integrations
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Mmdadoda
11/9/2015 2:10:17 PM



#22

Acetophenone

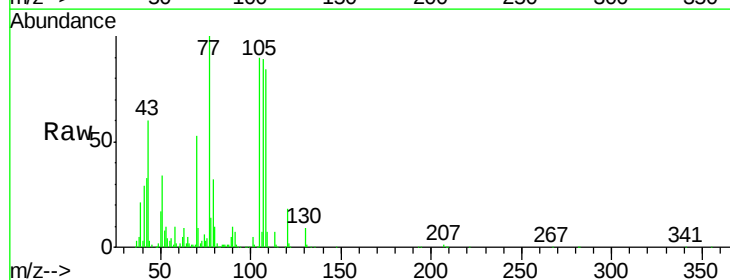
Concen: 30.92 ng

RT: 7.26 min Scan# 453

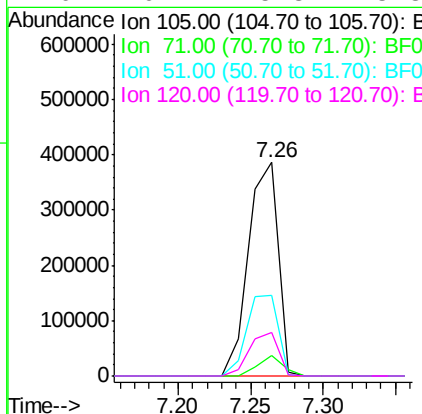
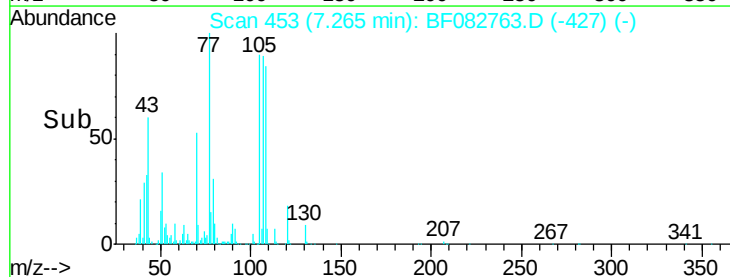
Delta R.T. 0.00 min

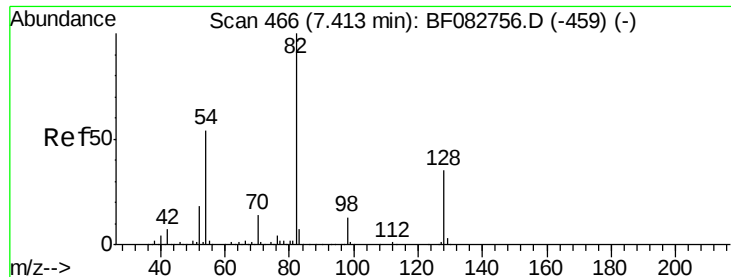
Lab File: BF082763.D

Acq: 6 Nov 2015 16:05



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	9.7	5.6	8.4#		
51	37.6	24.9	37.3#		
120	20.4	15.8	23.8		





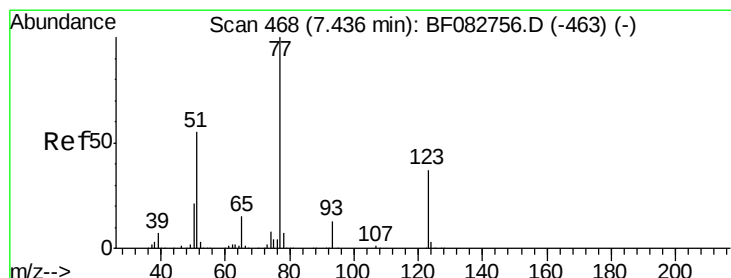
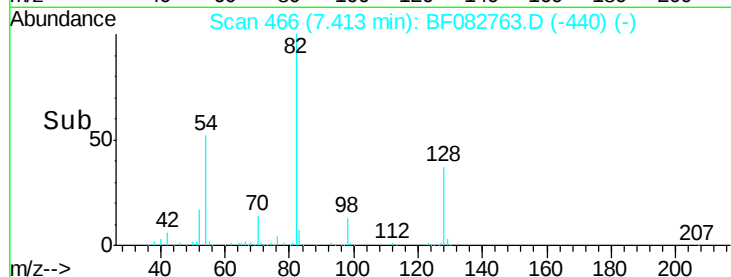
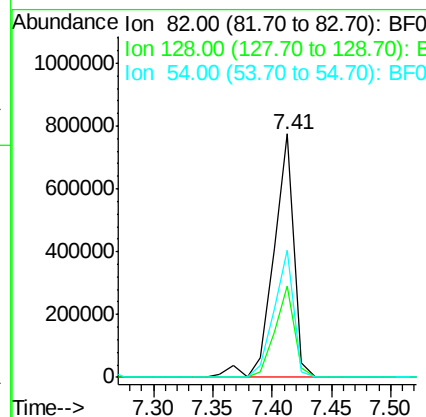
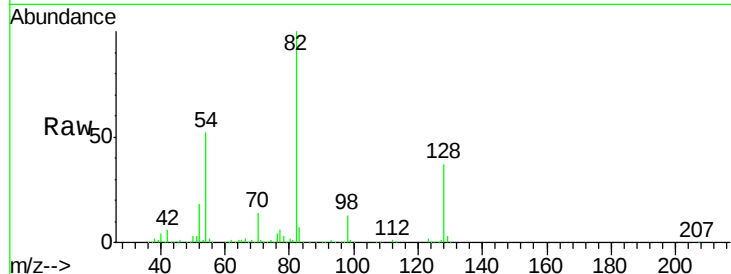
#23
 Nitrobenzene-d5
 Concen: 64.72 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.8	40.2
54	52.4	45.7	68.5

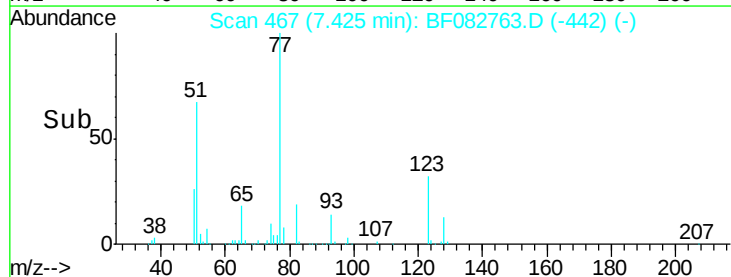
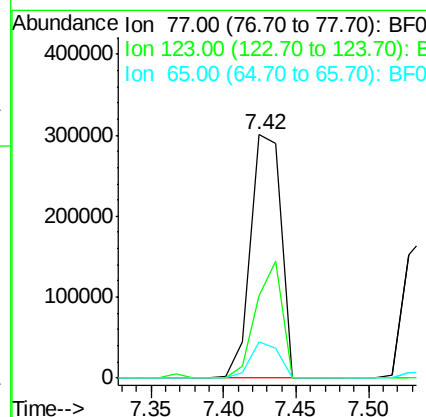
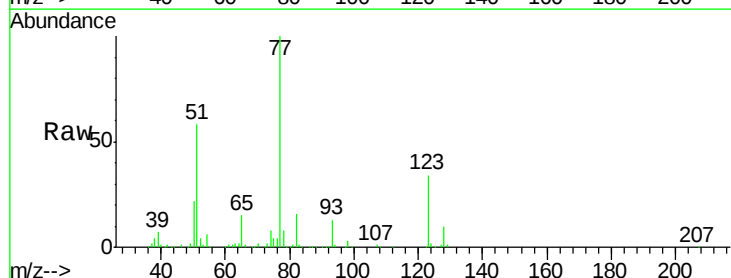
Manual Integrations
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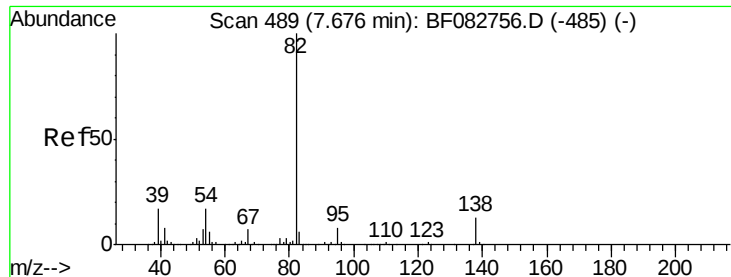
Mmdadoda
 11/9/2015 2:10:17 PM



#24
 Nitrobenzene
 Concen: 30.08 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	36.4	54.6#
65	14.8	11.5	17.3





#25

Isophorone

Concen: 30.45 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

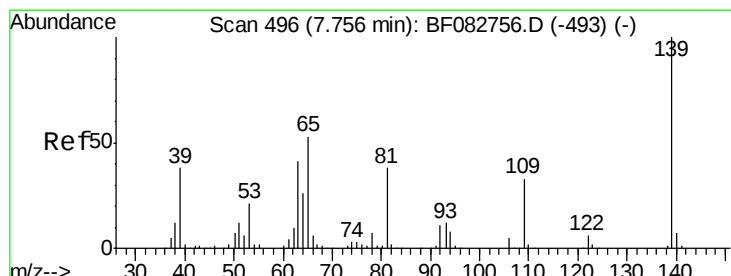
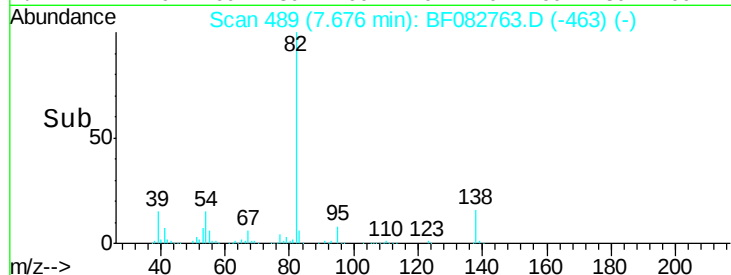
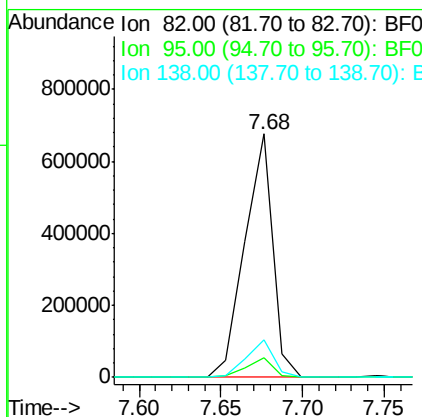
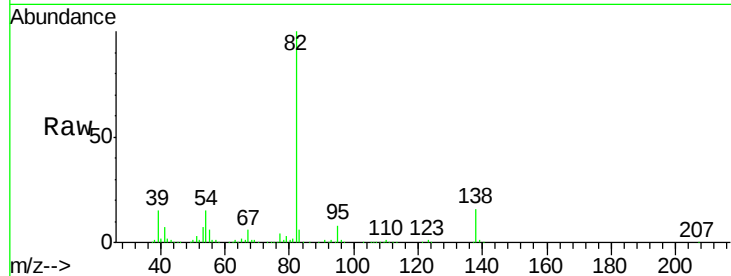
ClientSampleId :

PB86454BS

Tot Ion:	82	Resp:	801143
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.6	9.8
138	15.6	11.4	17.0

Manual Integrations
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Mmdadoda
11/9/2015 2:10:17 PM



#26

2-Nitrophenol

Concen: 29.89 ng

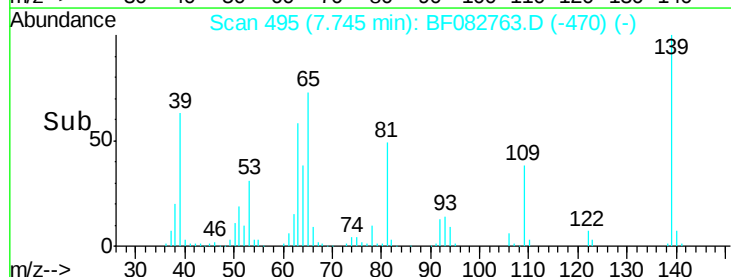
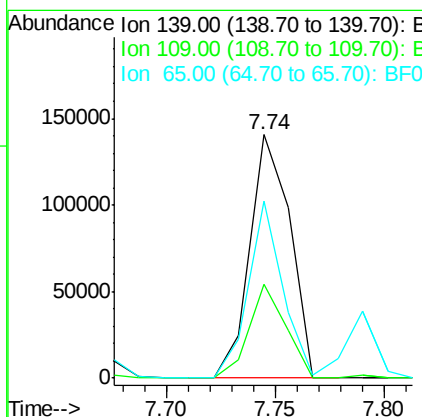
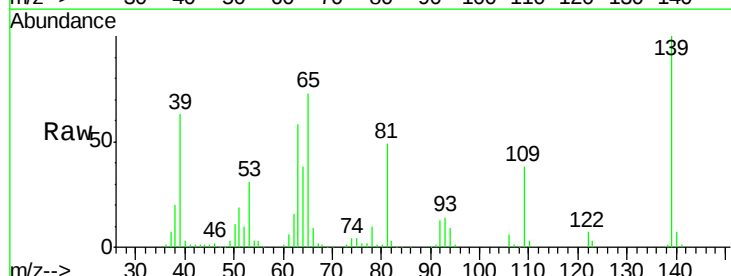
RT: 7.74 min Scan# 495

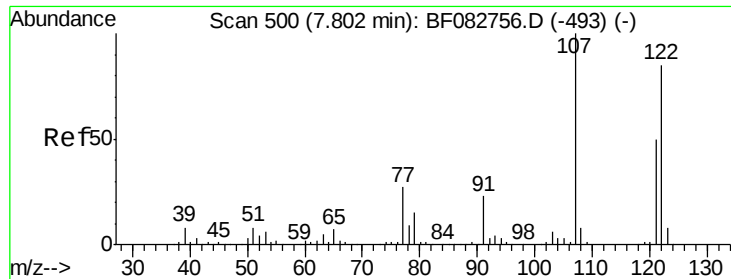
Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	139	Resp:	181441
Ion Ratio	Lower	Upper	
139	100		
109	38.4	37.6	56.4
65	72.8	70.6	105.8





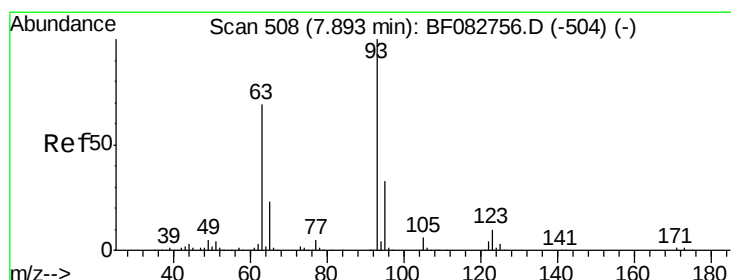
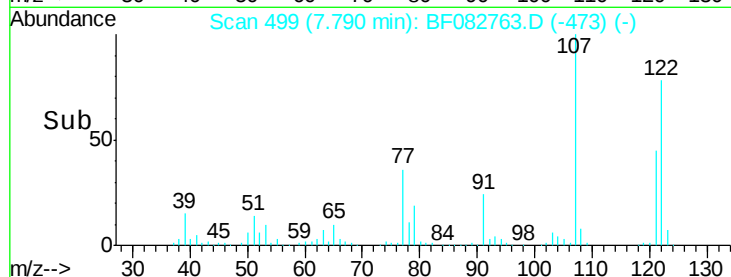
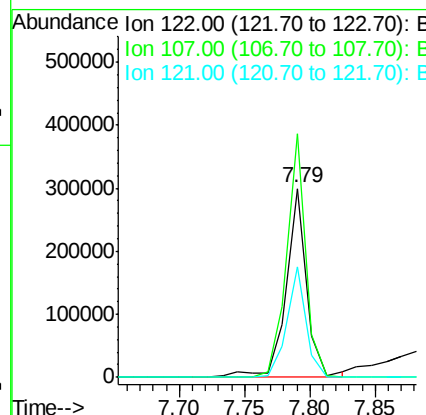
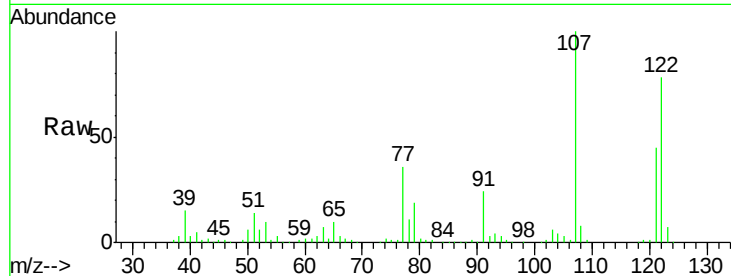
#27
2,4-Dimethylphenol
Concen: 30.51 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.8	106.0	159.0
121	58.4	46.7	70.1

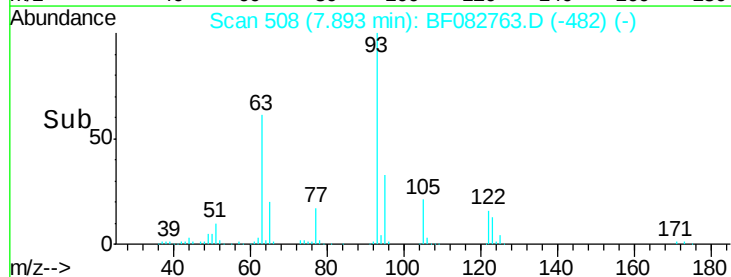
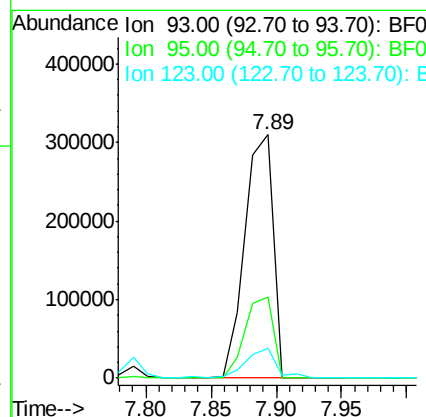
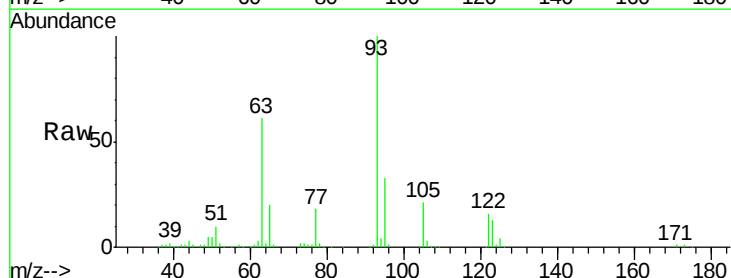
Manual Integrations
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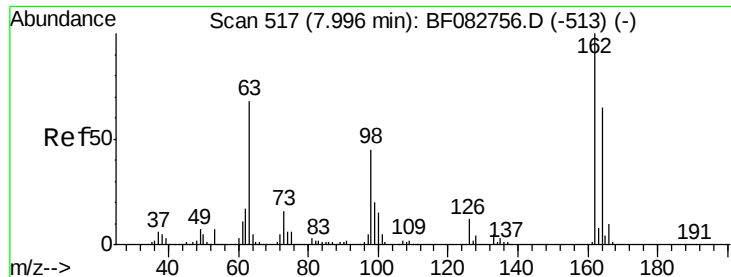
Mmdadoda
11/9/2015 2:10:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 31.54 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	12.5	9.7	14.5





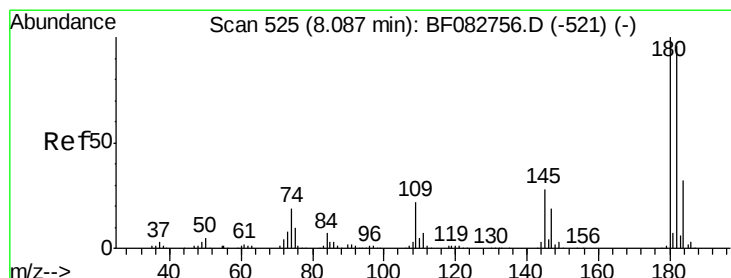
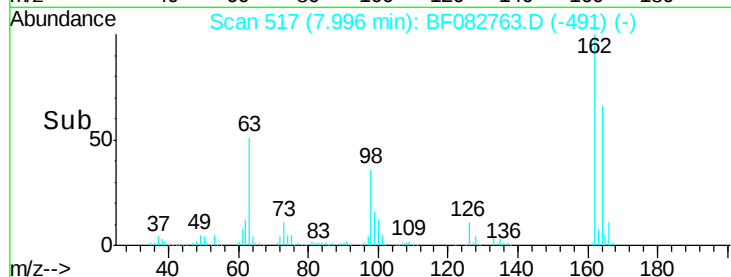
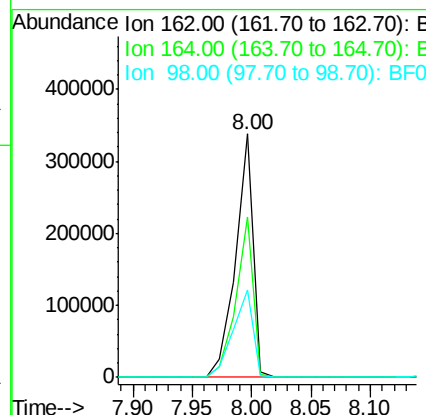
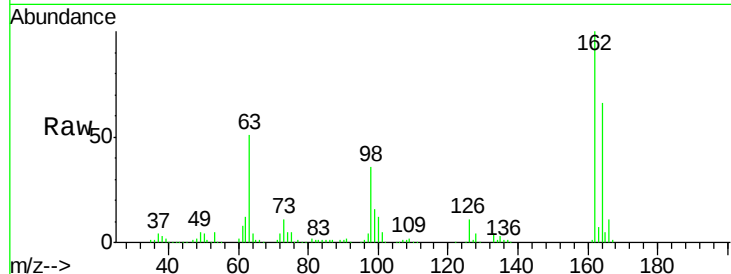
#29
2,4-Dichlorophenol
Concen: 35.27 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	347688		
164	65.7	46.8	86.8	
98	36.1	12.5	52.5	

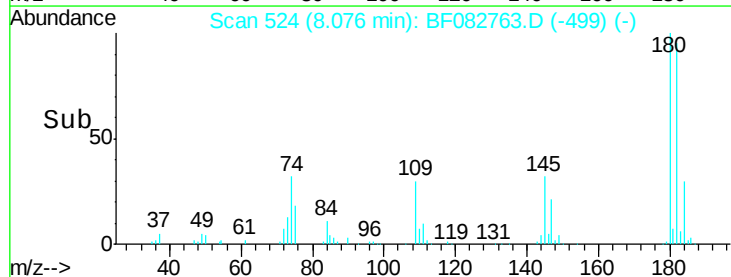
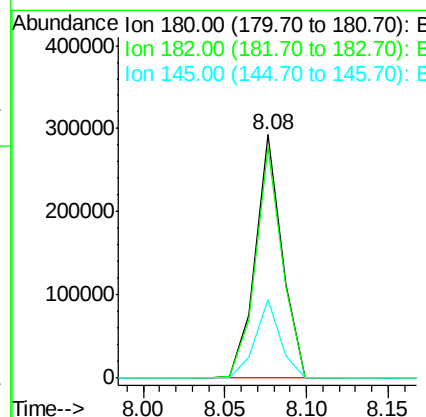
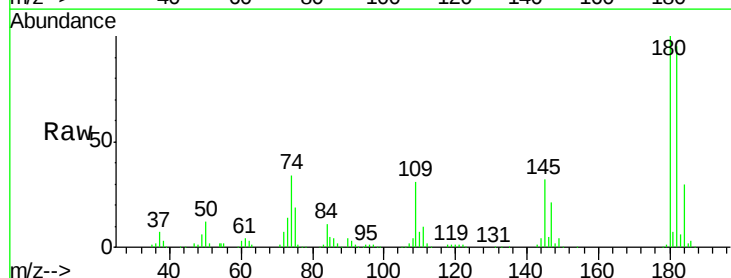
Manual Integrations
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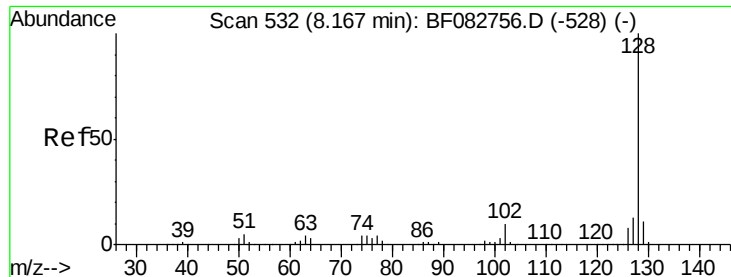
Mmdadoda
11/9/2015 2:10:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 29.95 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	332039		
182	94.6	74.9	112.3	
145	32.2	27.8	41.8	





#31

Naphthalene

Concen: 28.98 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

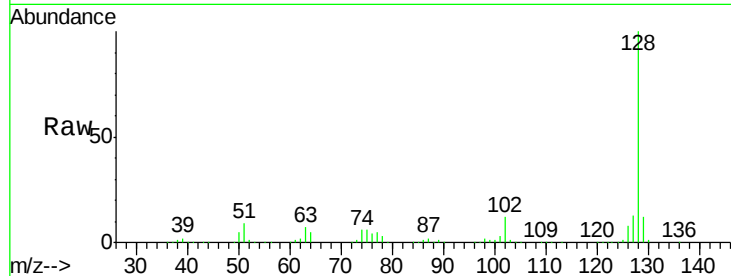
ClientSampleId :

PB86454BS

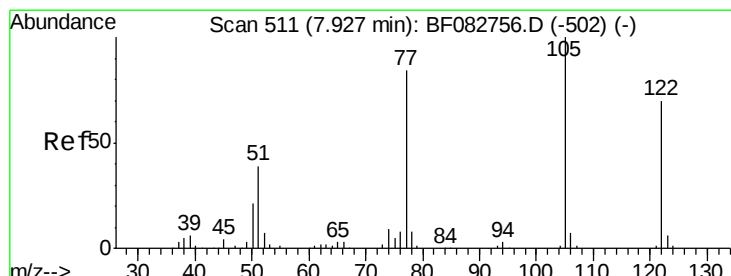
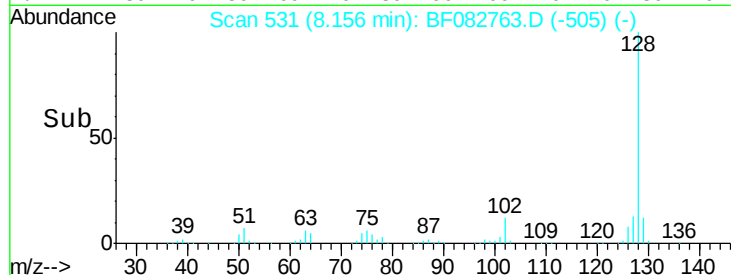
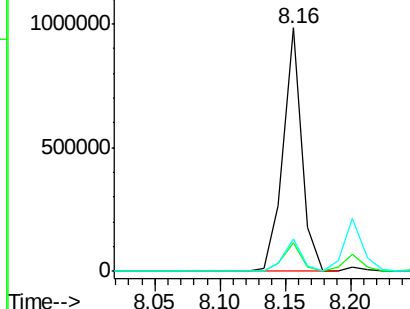
Tot Ion:	128	Resp:	989126
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.5	14.3
127	13.2	11.4	17.0

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



#32

Benzoic acid

Concen: 29.94 ng

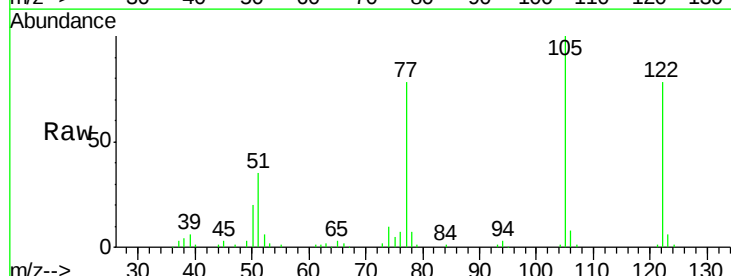
RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

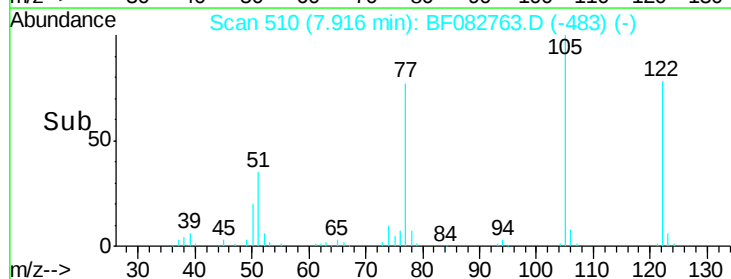
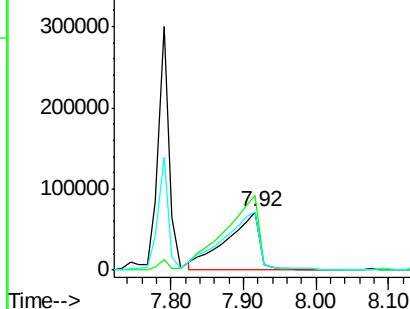
Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	122	Resp:	223524
Ion Ratio	Lower	Upper	
122	100		
105	128.2	122.6	162.6
77	99.7	100.9	140.9#



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





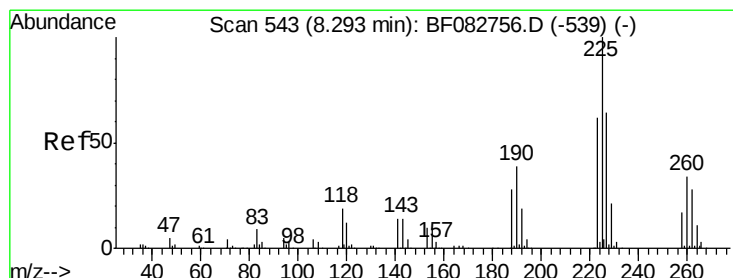
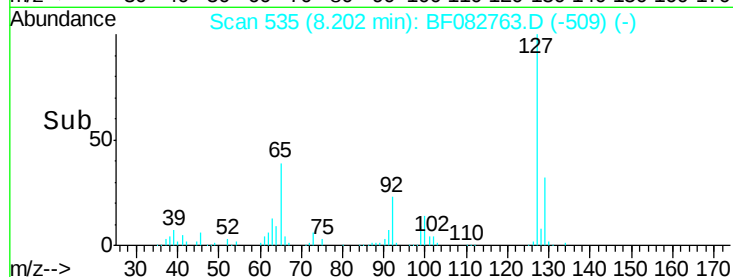
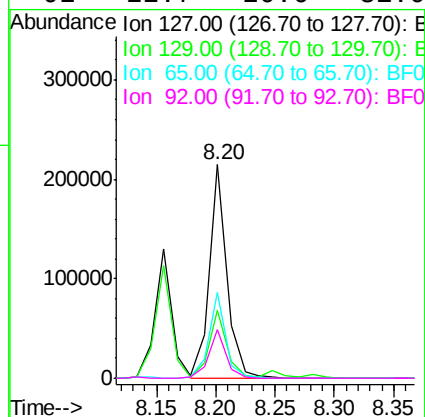
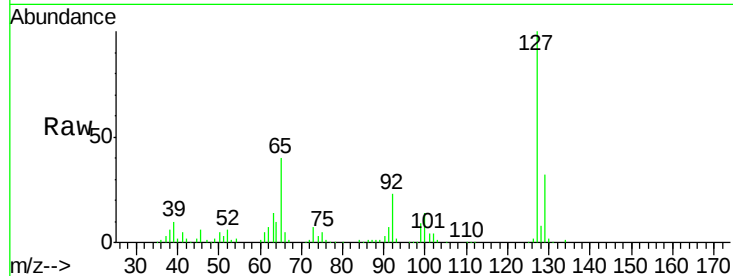
#33
4-Chloroaniline
Concen: 15.08 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		221928		
129	31.9	26.3	39.5		
65	39.9	37.8	56.8		
92	22.7	20.6	31.0		

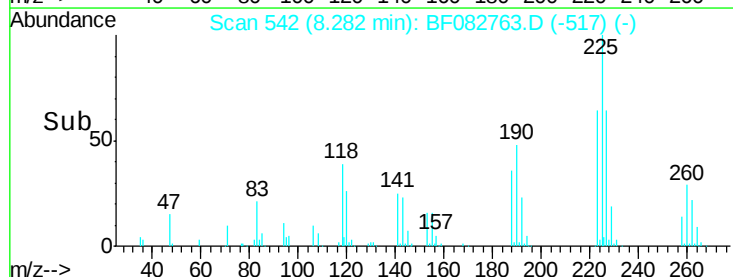
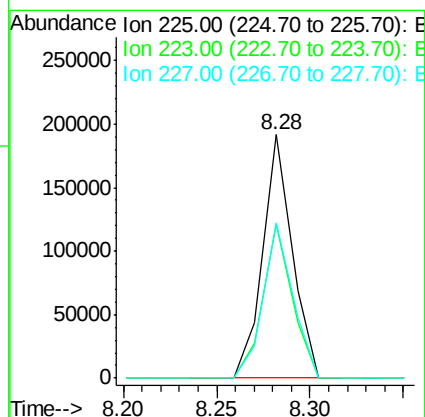
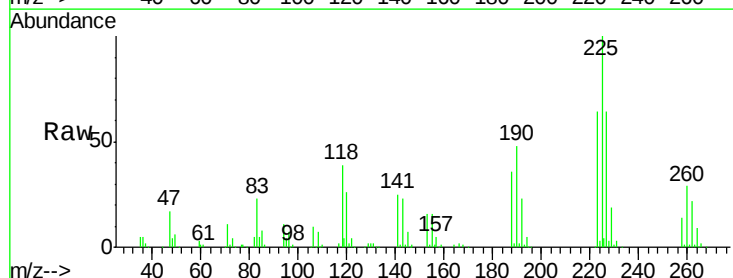
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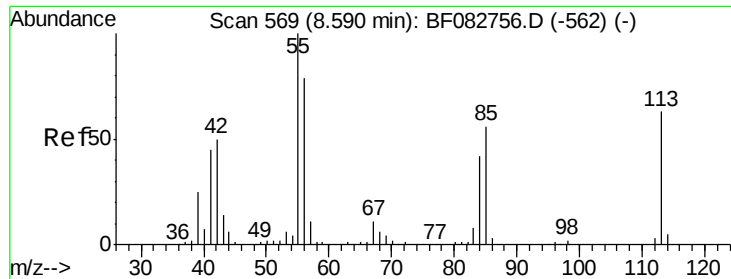
Mmdadoda
11/9/2015 2:10:17 PM



#34
Hexachlorobutadiene
Concen: 30.11 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		208897		
223	63.5	50.5	75.7		
227	64.0	50.2	75.2		





#35

Caprolactam

Concen: 35.13 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

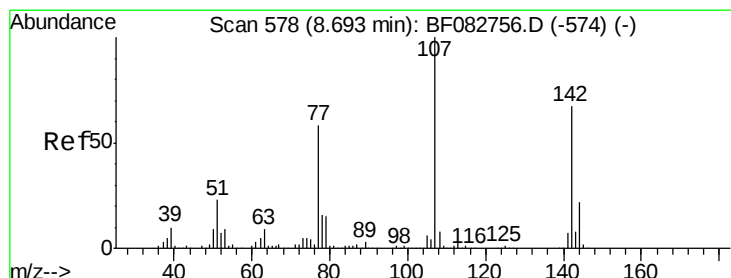
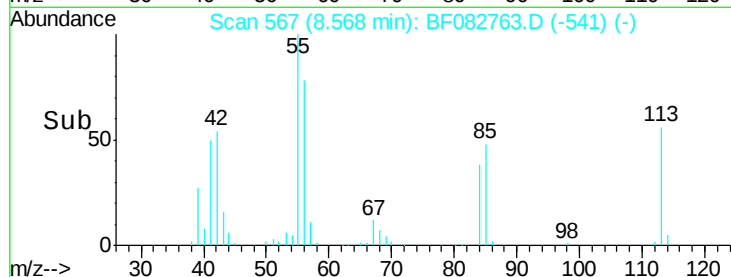
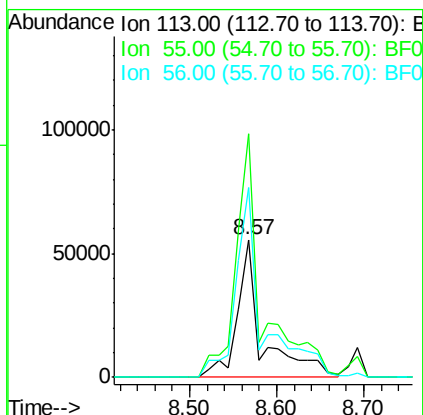
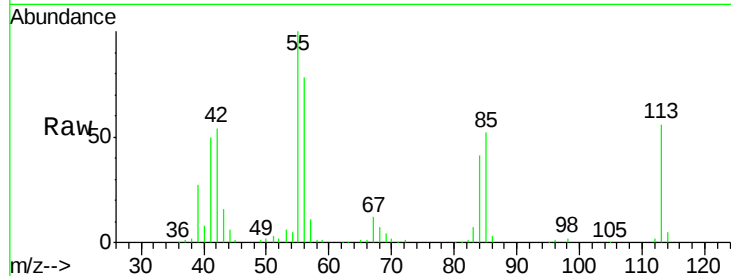
ClientSampleId :

PB86454BS

Tot Ion:	113	Resp:	109161
Ion Ratio	Lower	Upper	
113	100		
55	177.2	195.5	235.5#
56	138.6	153.5	193.5#

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11/9/2015 2:10:17 PM



#36

4-Chloro-3-methylphenol

Concen: 33.92 ng

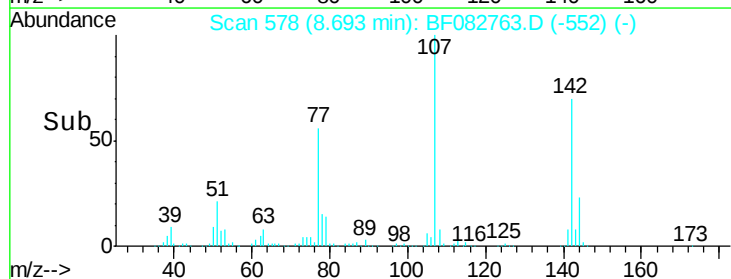
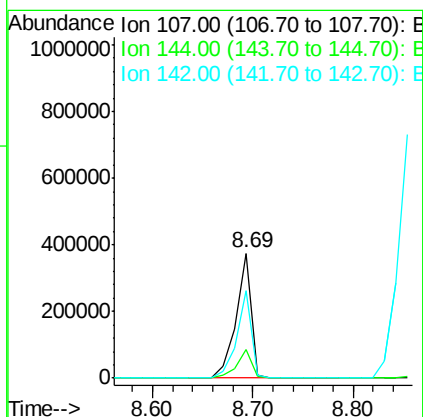
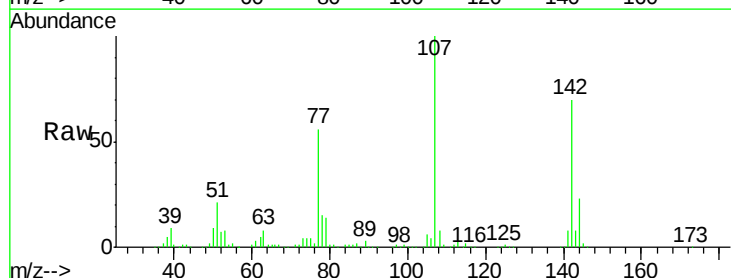
RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	107	Resp:	393141
Ion Ratio	Lower	Upper	
107	100		
144	22.9	15.4	23.0
142	70.4	47.8	71.8





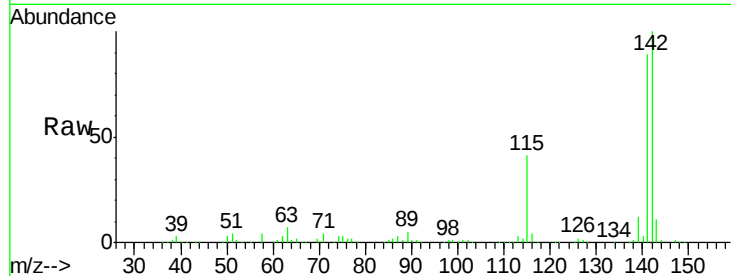
#37
 2-Methylnaphthalene
 Concen: 33.53 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		740378		
141	88.7	72.3	108.5		
115	40.5	38.1	57.1		

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 11/9/2015 2:10:17 PM

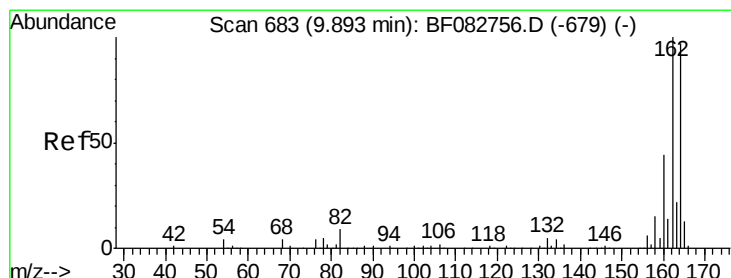
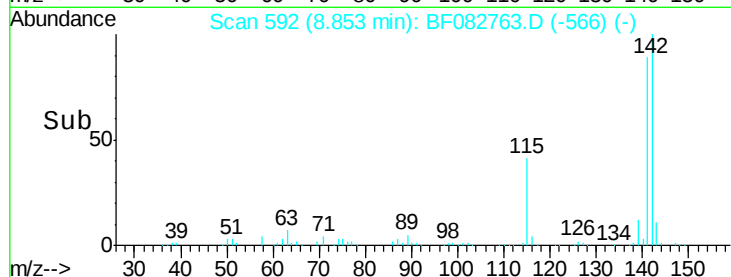
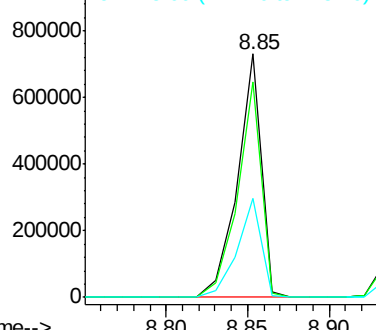


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

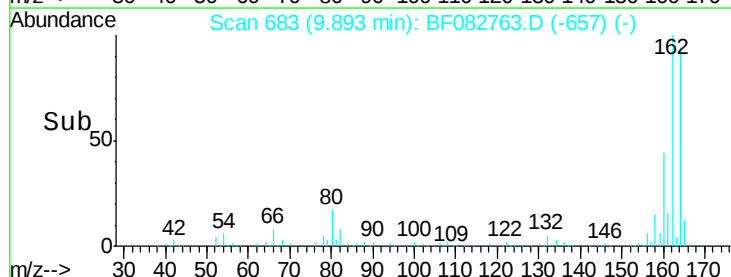
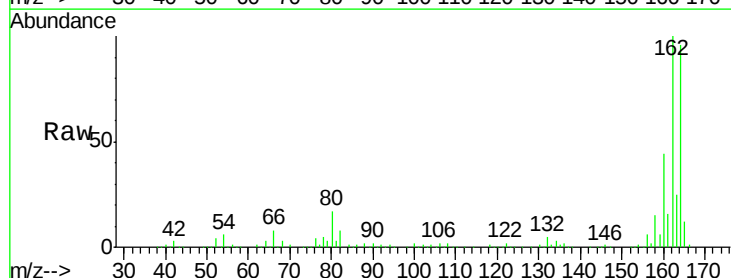
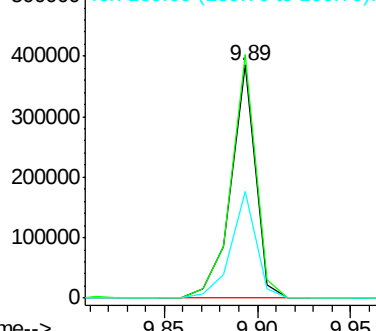
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		349475		
162	104.6	84.9	127.3		
160	45.6	37.5	56.3		

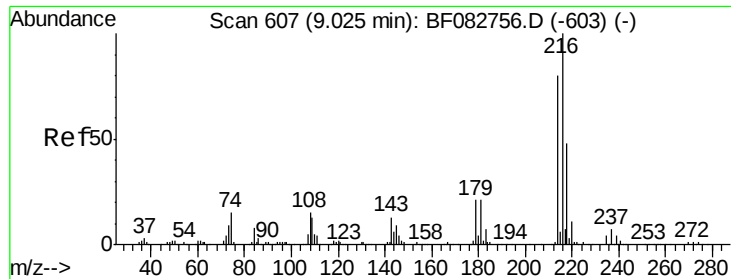
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.60 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

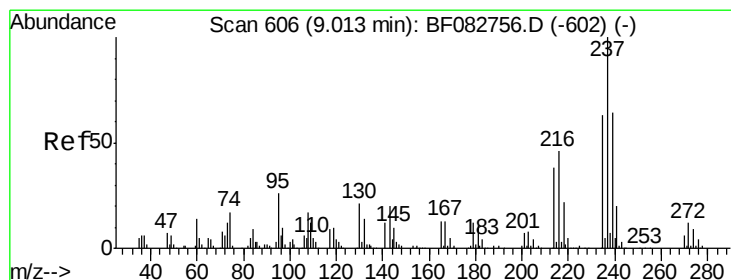
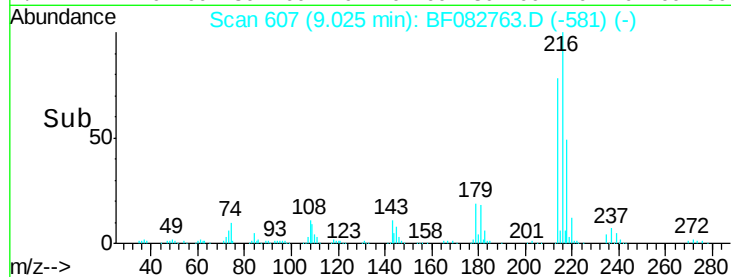
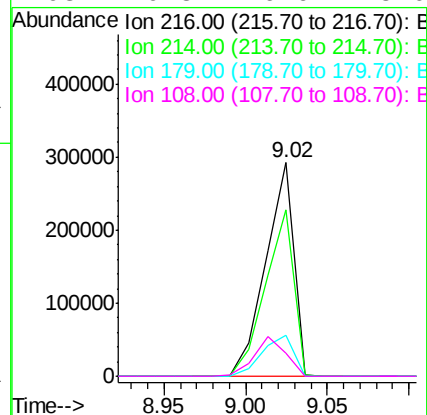
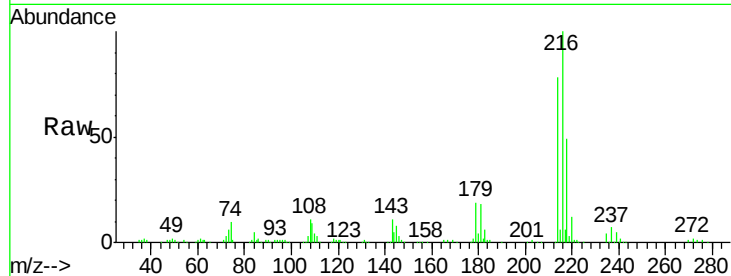
ClientSampleId :

PB86454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		351455		
214	79.2		62.2	93.2	
179	21.2		18.1	27.1	
108	20.8		16.6	25.0	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 71.58 ng

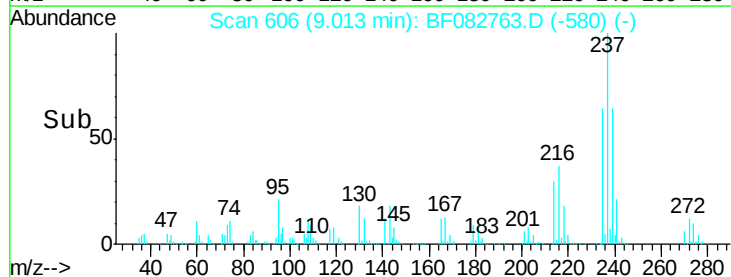
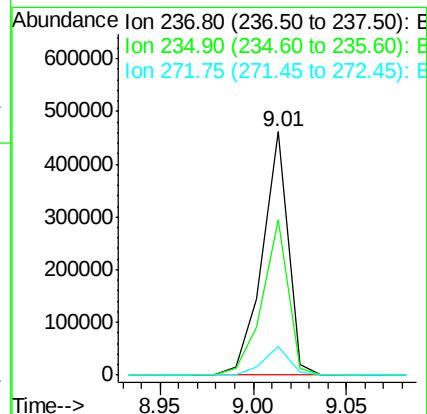
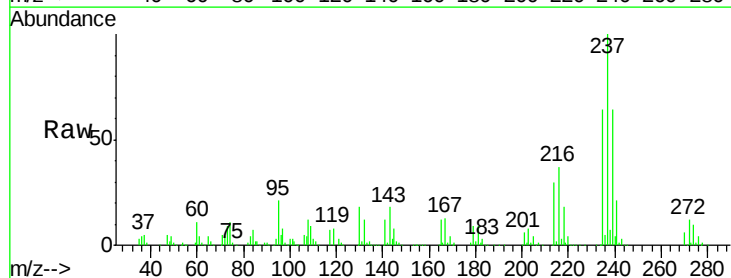
RT: 9.01 min Scan# 606

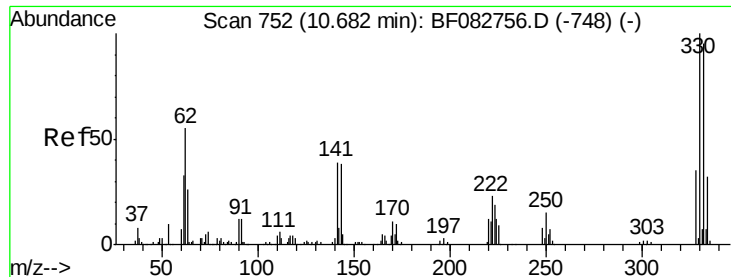
Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		441619		
235	64.0		44.3	84.3	
272	11.9		0.0	31.9	





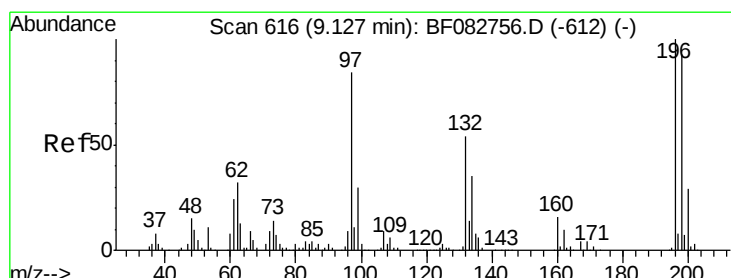
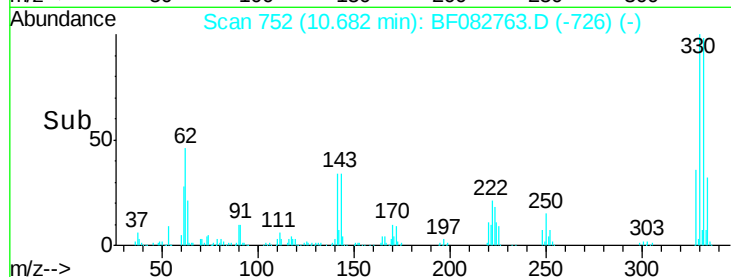
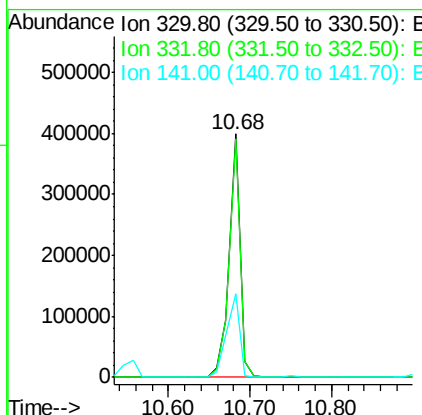
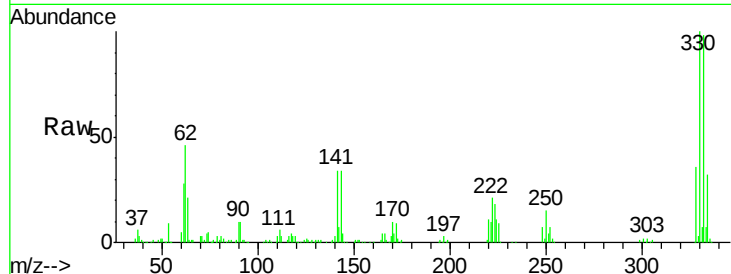
#41
 2,4,6-Tribromophenol
 Concen: 92.90 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	40.6	41.2	61.8#

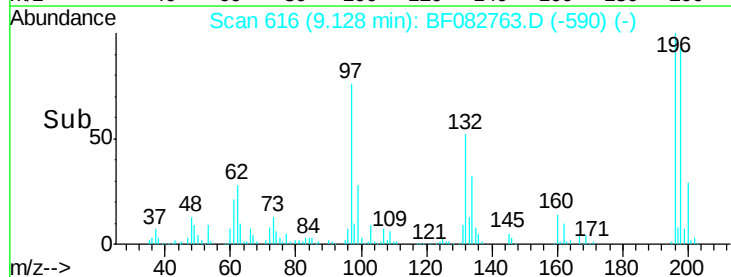
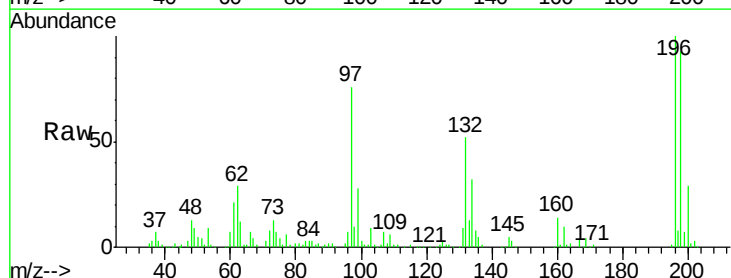
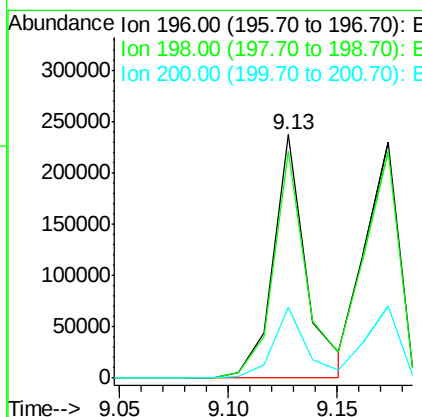
Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:17 PM



#42
 2,4,6-Trichlorophenol
 Concen: 29.30 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

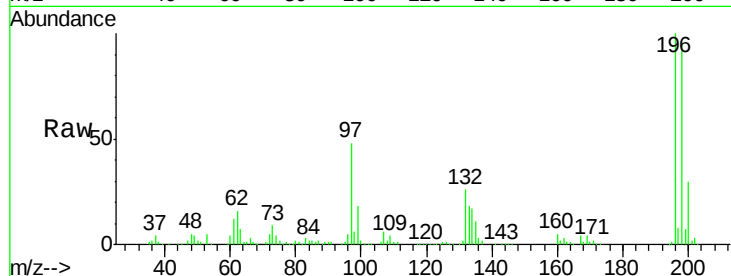
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.3	114.5
200	29.2	23.9	35.9





#43
 2,4,5-Trichlorophenol
 Concen: 29.46 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

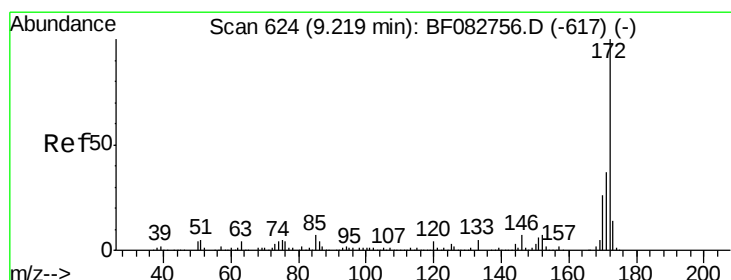
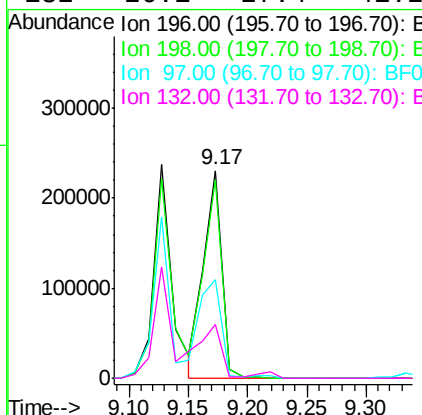
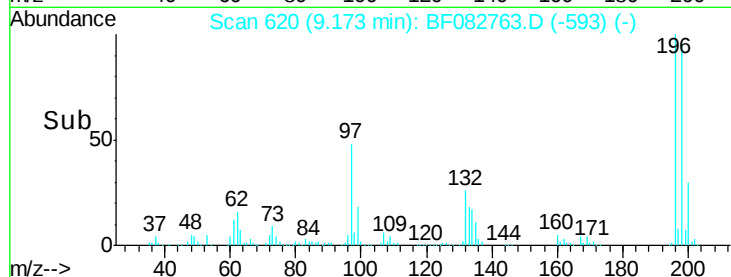
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	249773		
198	95.8	75.8	113.8	
97	47.8	62.3	93.5	
132	26.1	27.4	41.2	

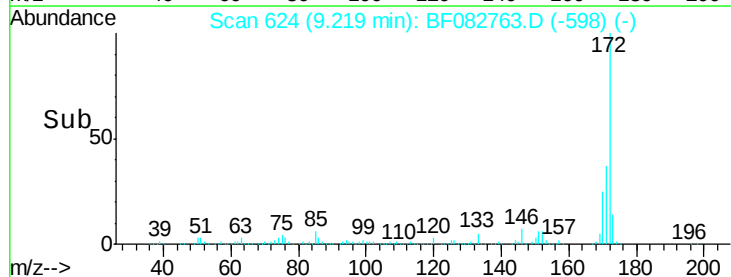
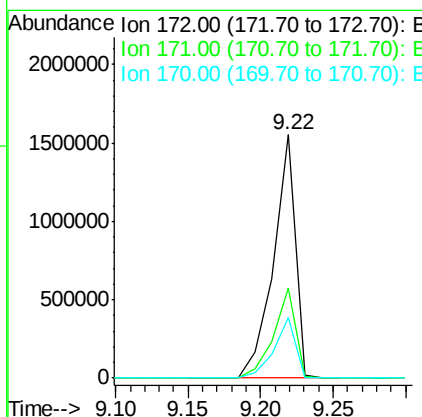
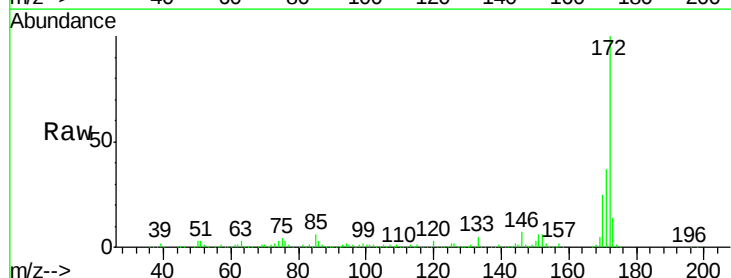
Manual Integrations
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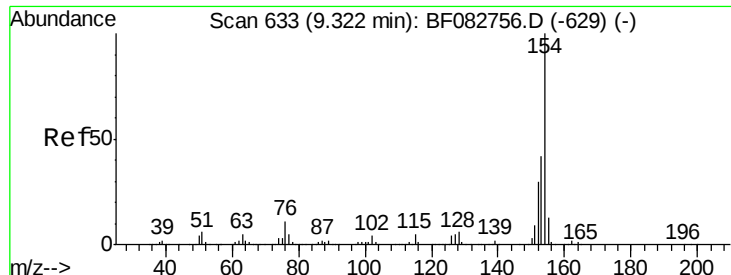
Mmdadoda
 11/9/2015 2:10:17 PM



#44
 2-Fluorobiphenyl
 Concen: 66.78 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1628268		
171	36.8	30.8	46.2	
170	24.8	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 28.32 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

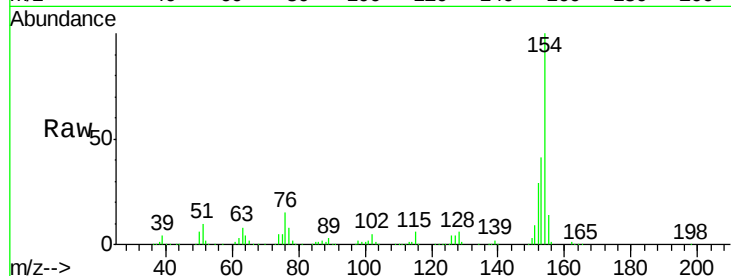
ClientSampleId :

PB86454BS

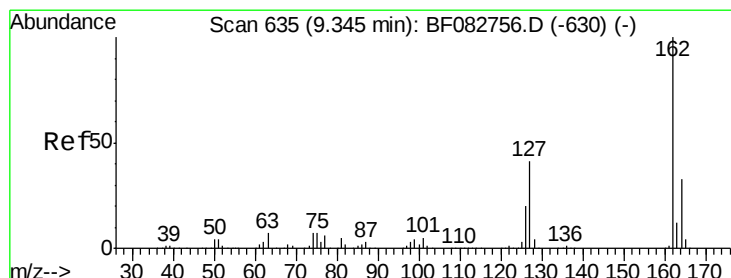
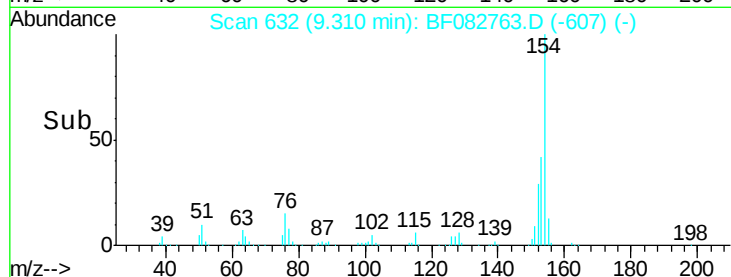
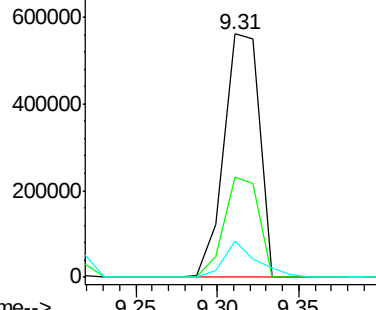
Tot Ion:	154	Resp:	849300
Ion Ratio	Lower	Upper	
154	100		
153	41.4	22.0	62.0
76	15.1	0.0	29.0

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



#46

2-Chloronaphthalene

Concen: 28.86 ng

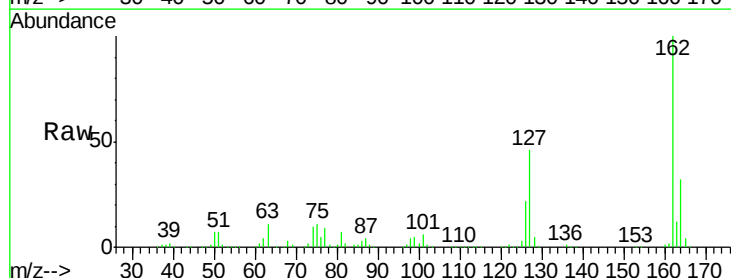
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

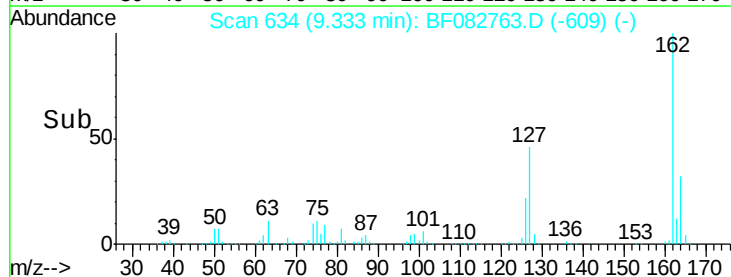
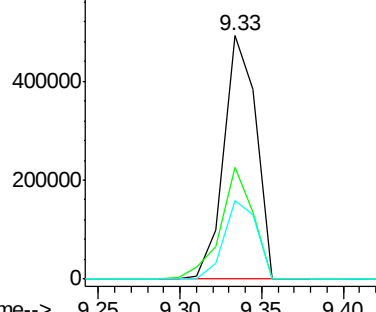
Lab File: BF082763.D

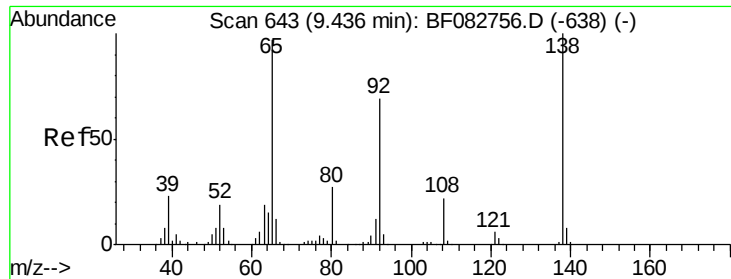
Acq: 6 Nov 2015 16:05

Tgt Ion:	162	Resp:	675028
Ion Ratio	Lower	Upper	
162	100		
127	46.0	32.7	49.1
164	32.2	27.4	41.0



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





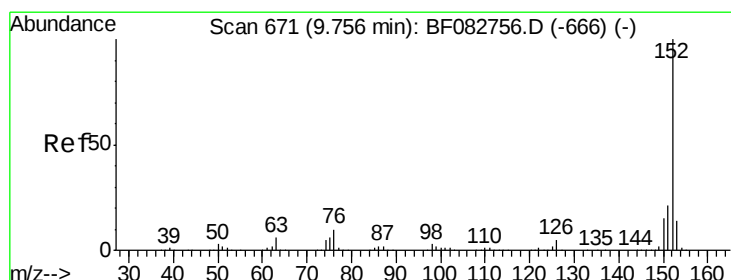
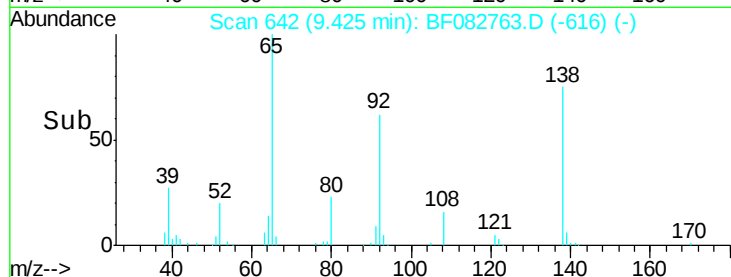
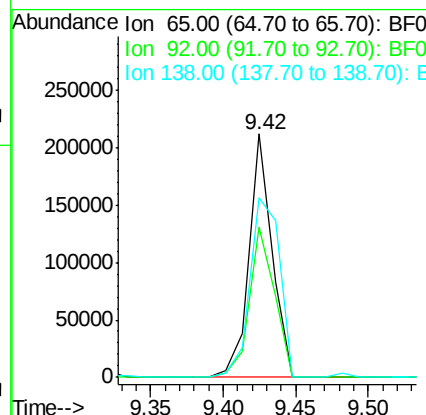
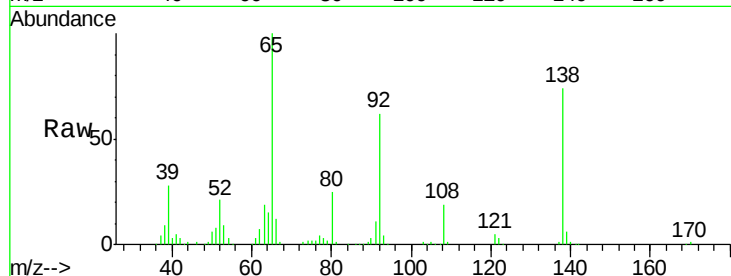
#47
2-Nitroaniline
Concen: 26.85 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.6	46.6	70.0
138	73.7	54.6	81.8

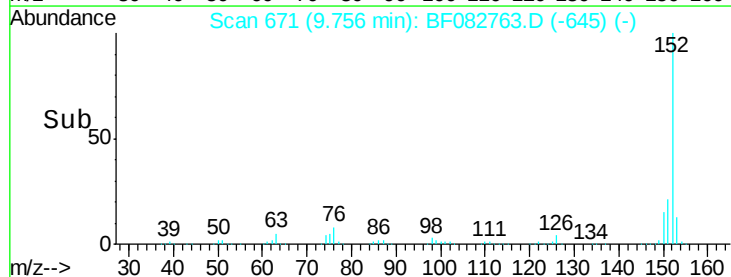
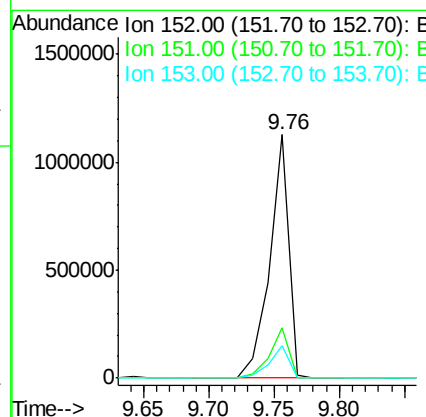
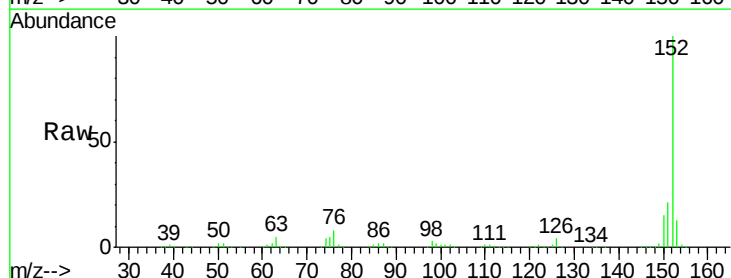
Manual Integrations
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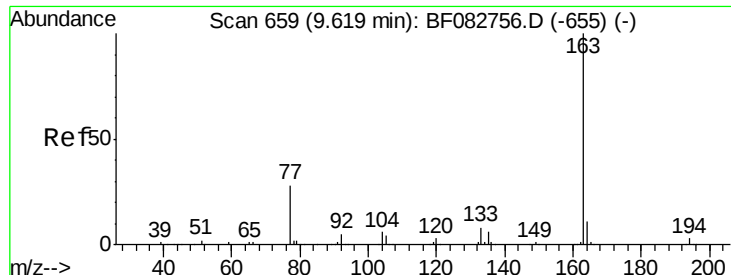
Mmdadoda
11/9/2015 2:10:17 PM



#48
Acenaphthylene
Concen: 31.40 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.3	25.9
153	13.4	11.3	16.9





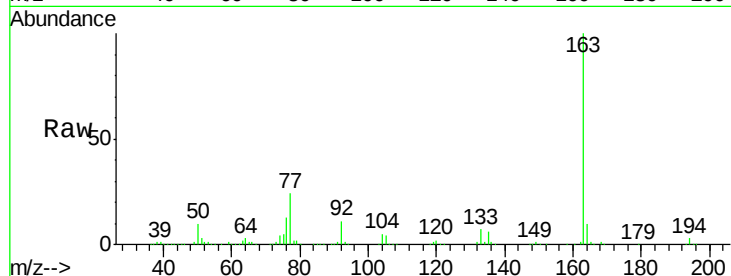
#49
Dimethylphthalate
Concen: 30.40 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	870523		
194	3.4		2.6	4.0
164	10.5		8.7	13.1

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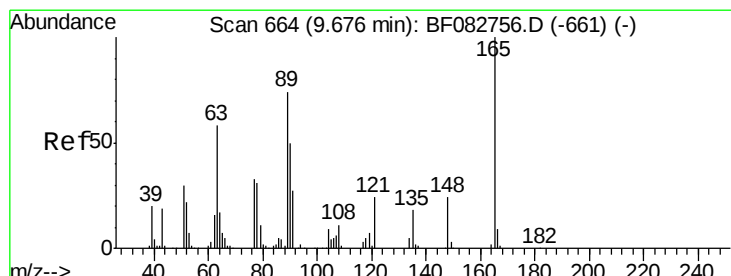
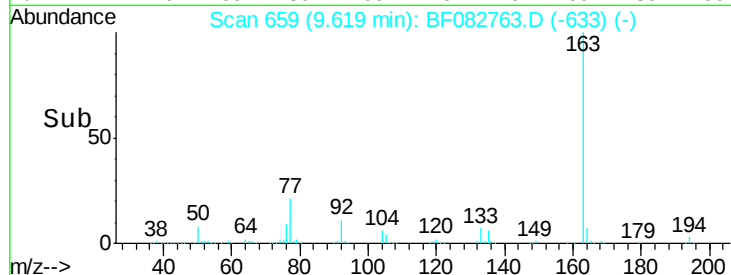
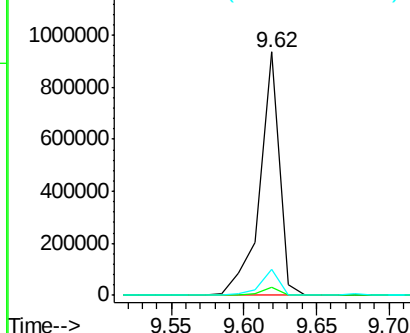


Abundance

Ion 163.00 (162.70 to 163.70): E

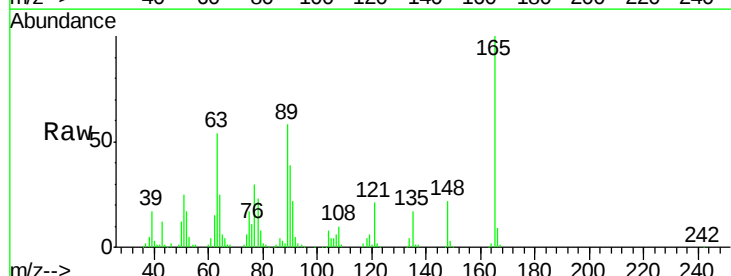
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 32.55 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198881		
63	53.5		55.5	83.3#
89	58.4		55.0	82.6

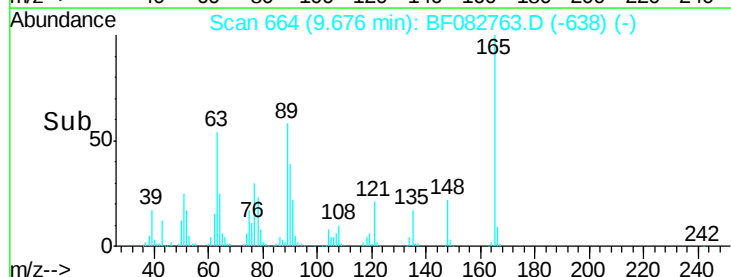
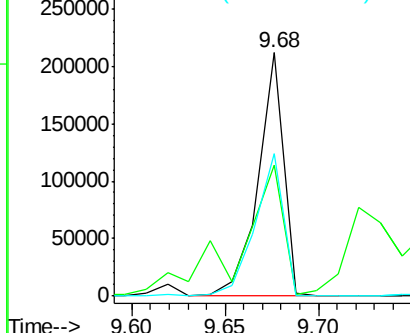


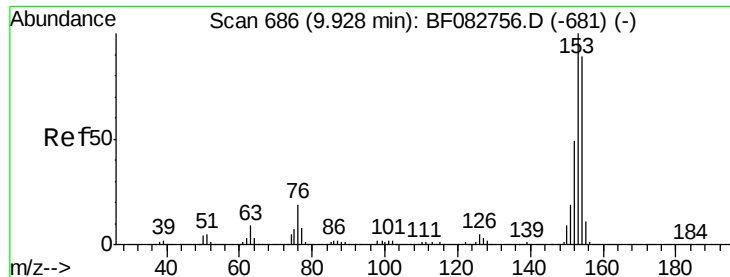
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.20 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

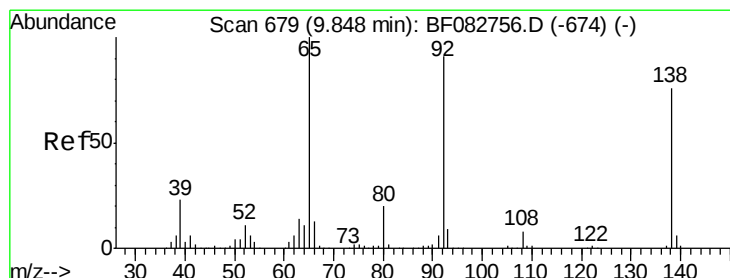
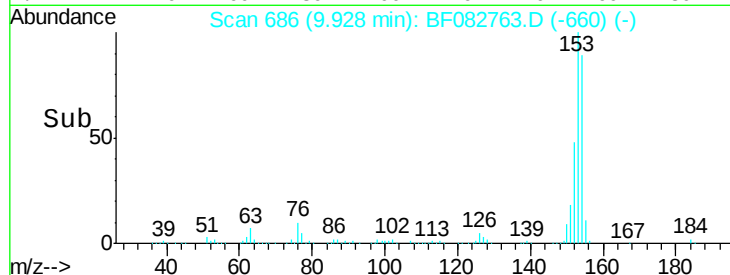
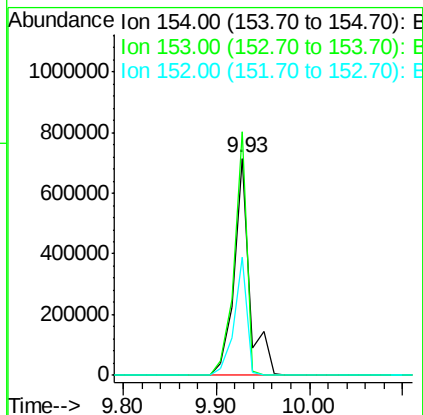
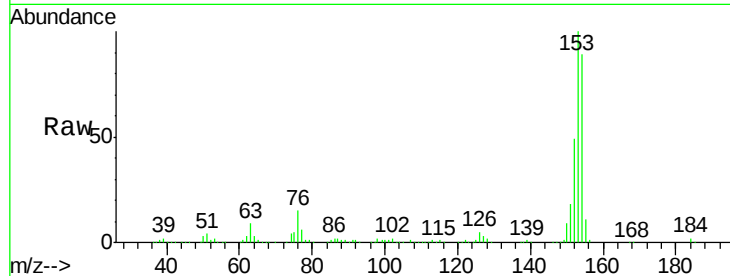
ClientSampleId :

PB86454BS

Tot Ion:	154	Resp:	840975
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.1	135.1
152	54.6	44.3	66.5

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#52

3-Nitroaniline

Concen: 17.23 ng

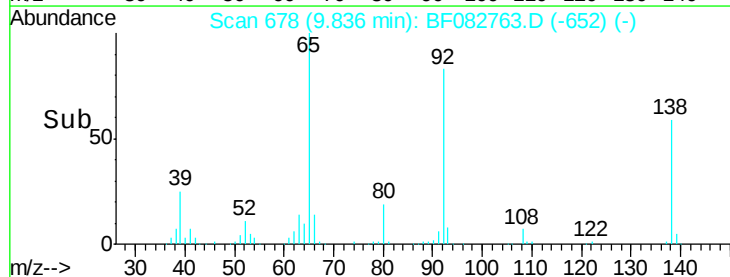
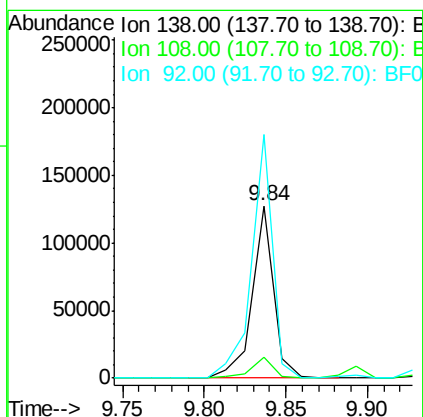
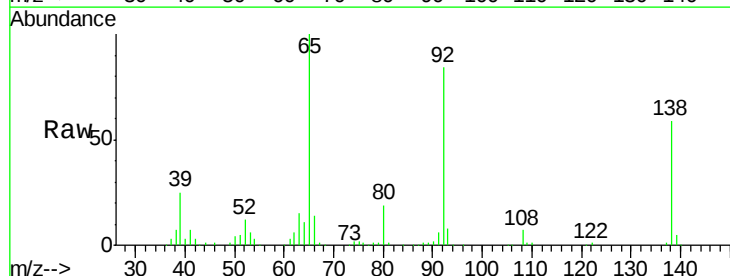
RT: 9.84 min Scan# 678

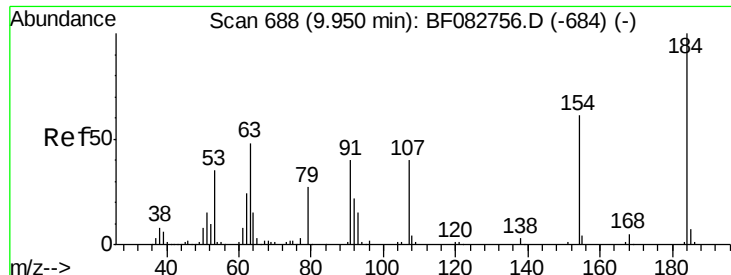
Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	138	Resp:	115788
Ion Ratio	Lower	Upper	
138	100		
108	12.2	11.3	16.9
92	141.5	122.4	183.6





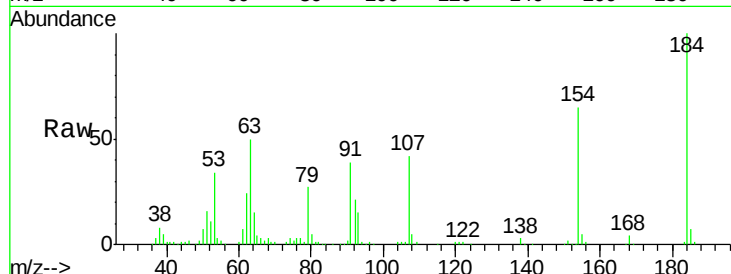
#53
2,4-Dinitrophenol
Concen: 71.21 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	238861		
63	50.0	98.6	148.0#	
154	65.4	183.9	275.9#	

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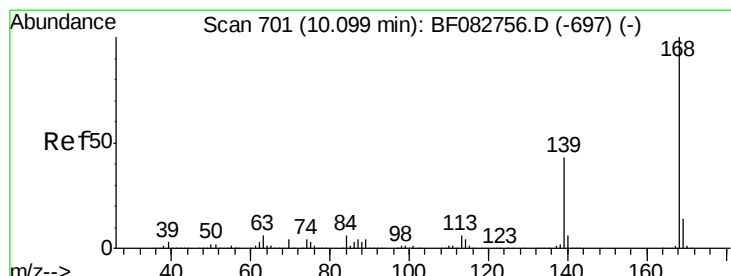
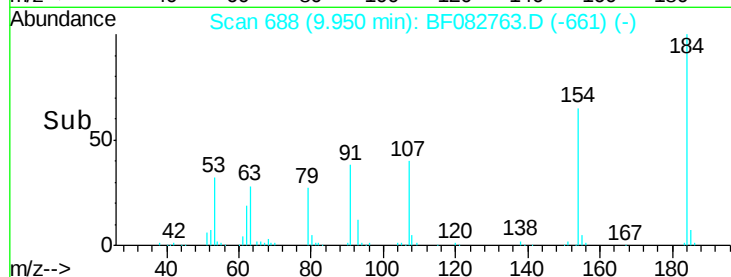
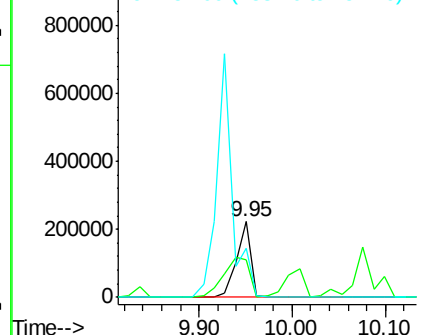


Abundance

Ion 184.00 (183.70 to 184.70): E

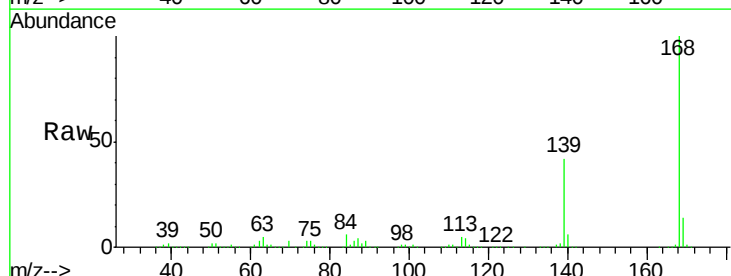
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 32.93 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1031483		
139	41.8	37.8	56.6	
169	13.8	11.3	16.9	

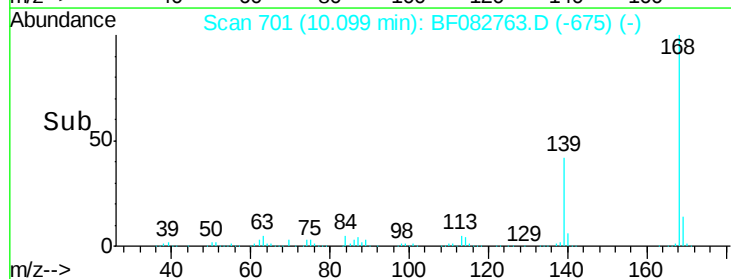
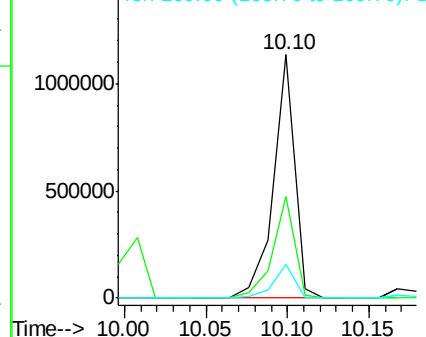


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





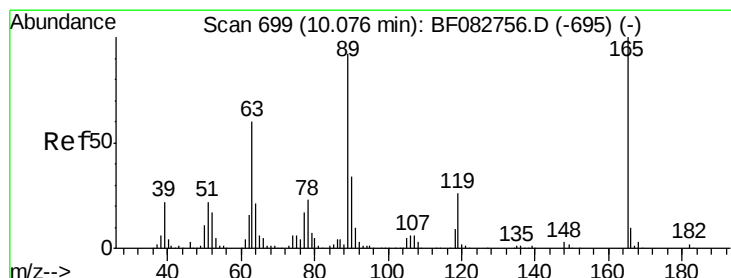
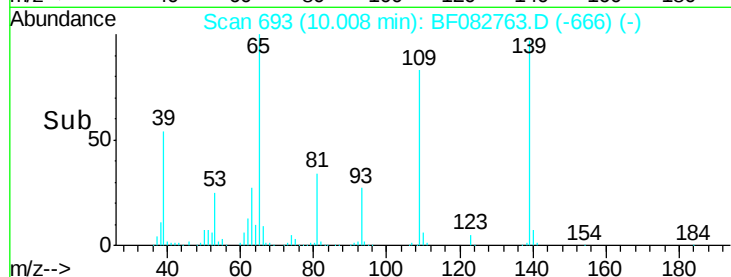
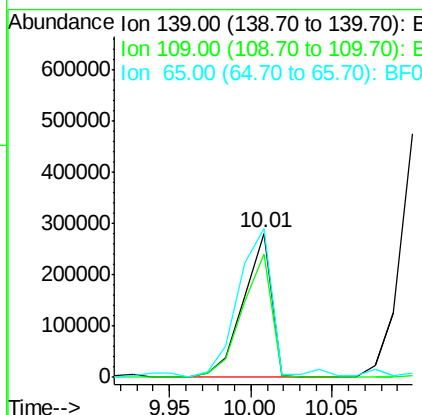
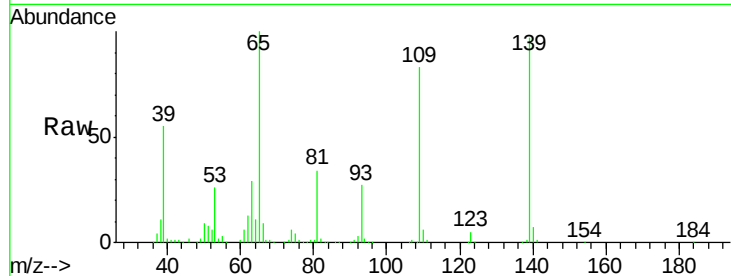
#55
4-Nitrophenol
Concen: 65.64 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	85.4	73.7	113.7	
65	102.9	82.9	122.9	

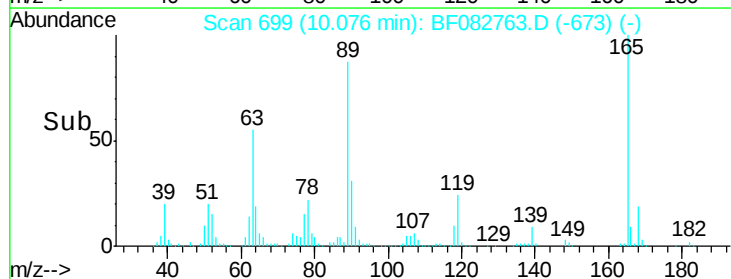
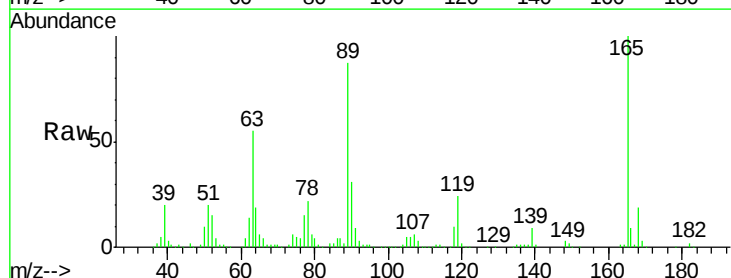
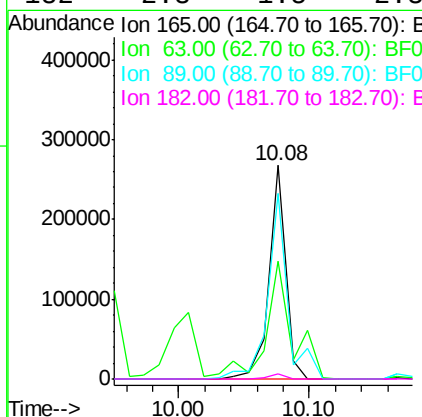
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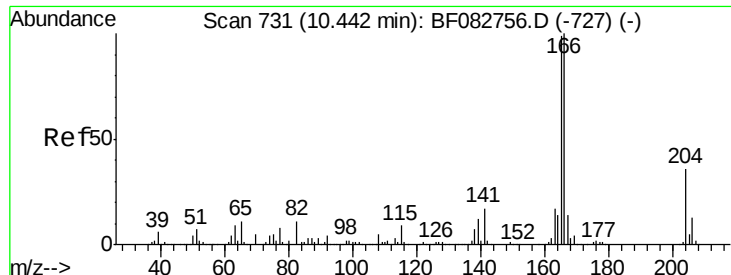
Mmdadoda
11/9/2015 2:10:17 PM



#56
2,4-Dinitrotoluene
Concen: 29.23 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.4	43.4	65.0	
89	86.7	70.6	106.0	
182	2.3	1.5	2.3#	





#57

Fluorene

Concen: 33.57 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082763.D

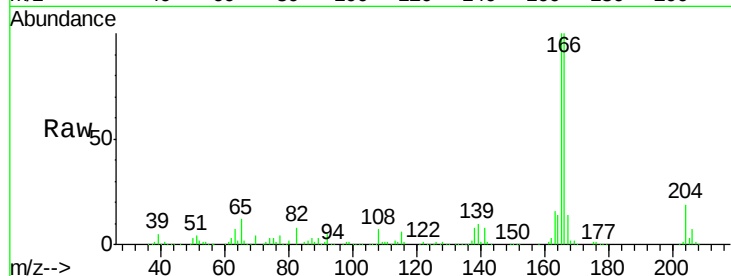
Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

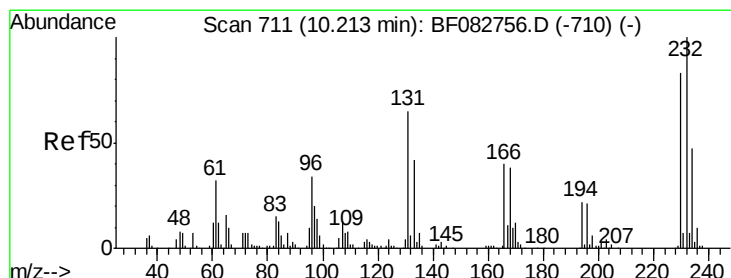
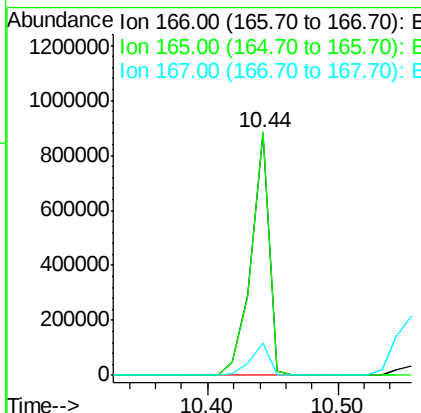
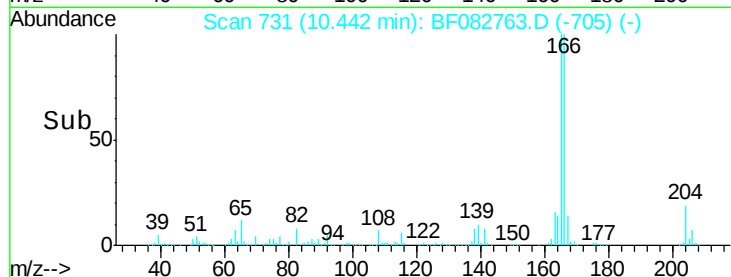
PB86454BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		851675		
165	100.3		80.2	120.4	
167	13.6		11.2	16.8	

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Mmdadoda
11/9/2015 2:10:17 PM



#58

2,3,4,6-Tetrachlorophenol

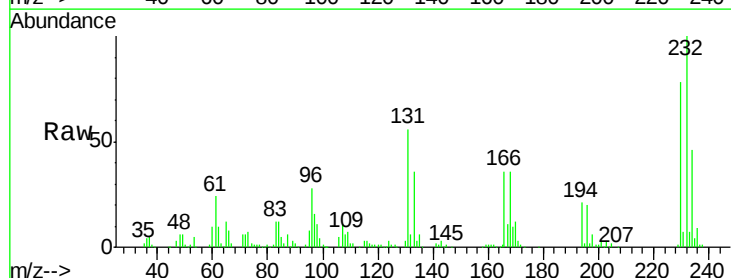
Concen: 30.97 ng

RT: 10.21 min Scan# 711

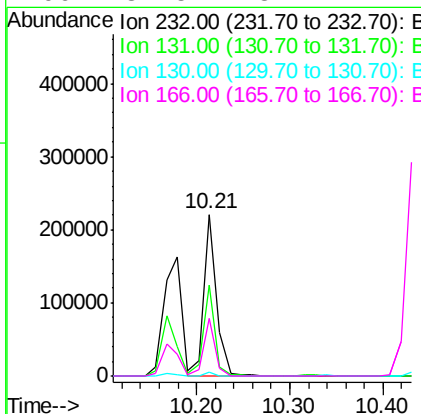
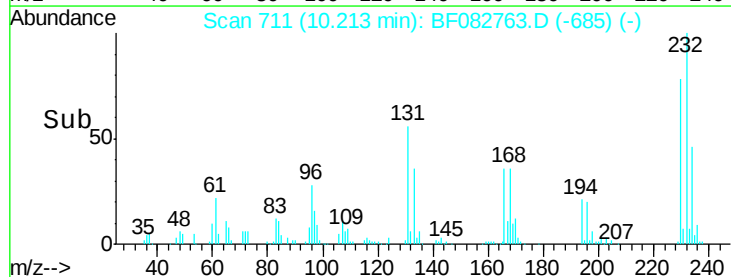
Delta R.T. 0.00 min

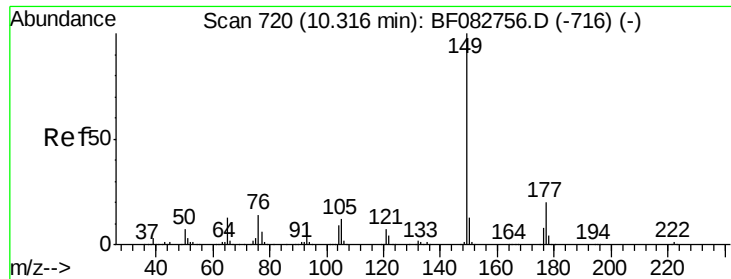
Lab File: BF082763.D

Acq: 6 Nov 2015 16:05



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		214309		
131	49.6		46.2	69.2	
130	2.4		2.4	3.6	
166	32.5		28.2	42.2	





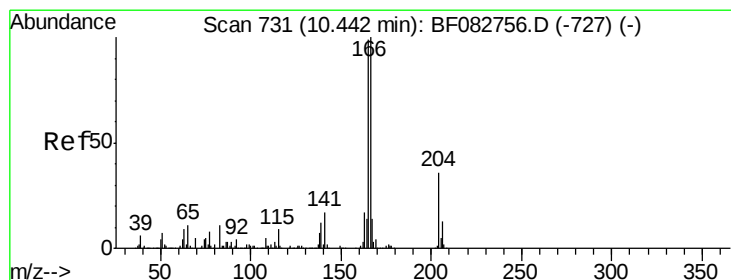
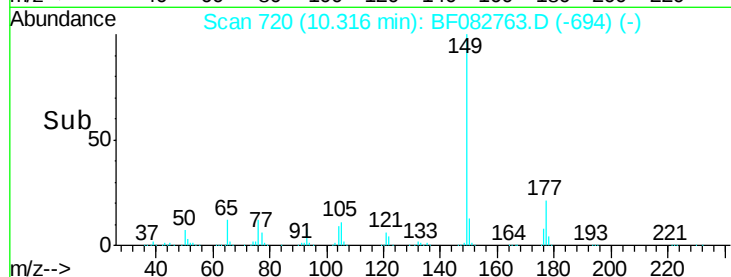
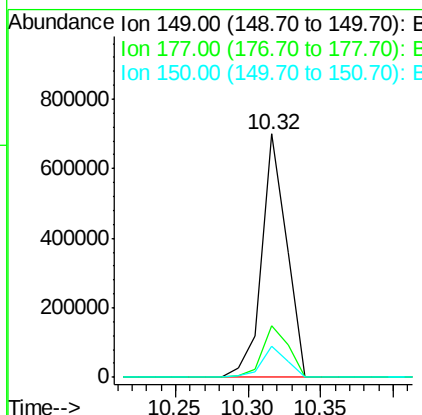
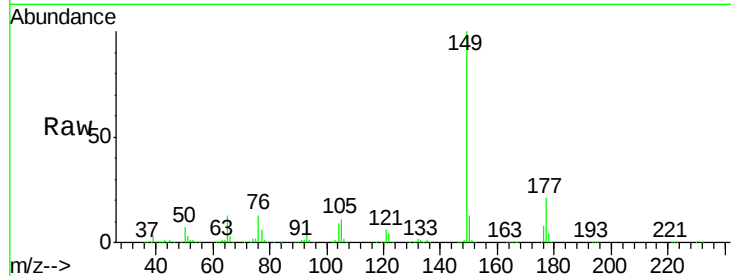
#59
Diethylphthalate
Concen: 29.61 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	827798		
177	21.2		17.9	26.9
150	12.9		10.1	15.1

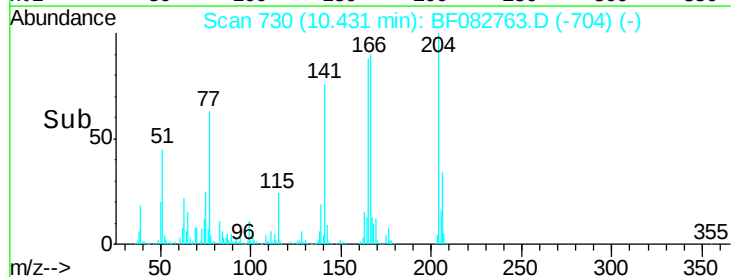
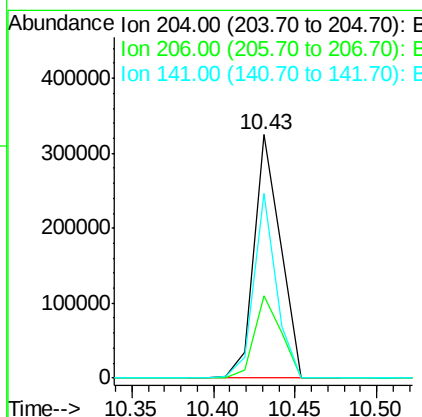
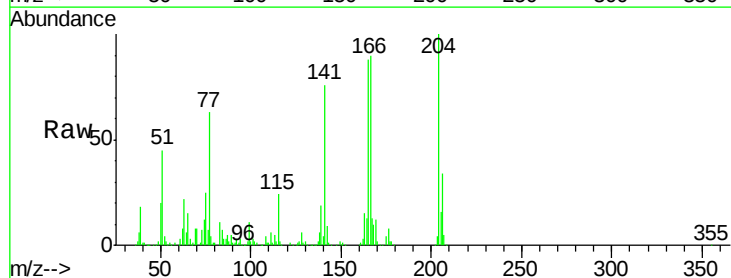
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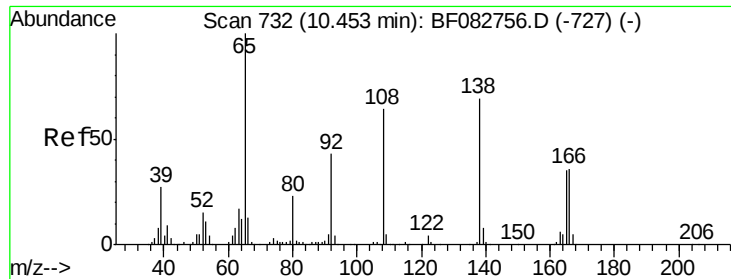
Mmdadoda
11/9/2015 2:10:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 28.72 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	364542		
206	34.1		28.5	42.7
141	75.7		44.6	66.8#





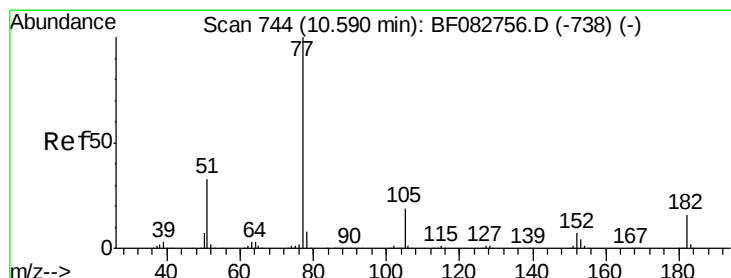
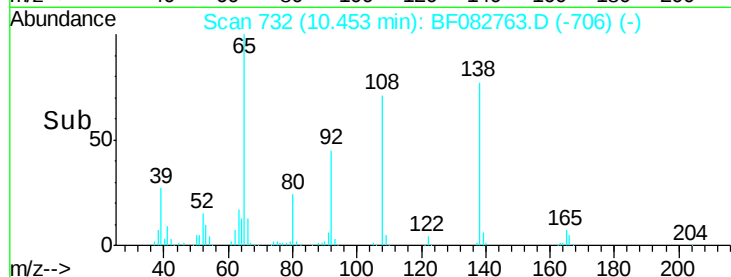
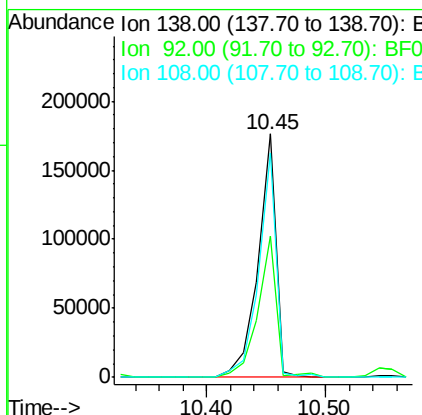
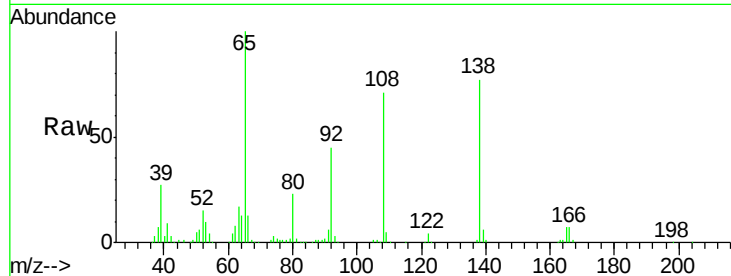
#61
4-Nitroaniline
Concen: 27.85 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	188190		
92	58.2	45.8	85.8	
108	92.3	89.4	129.4	

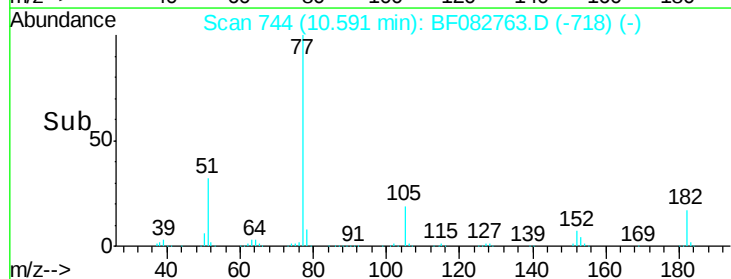
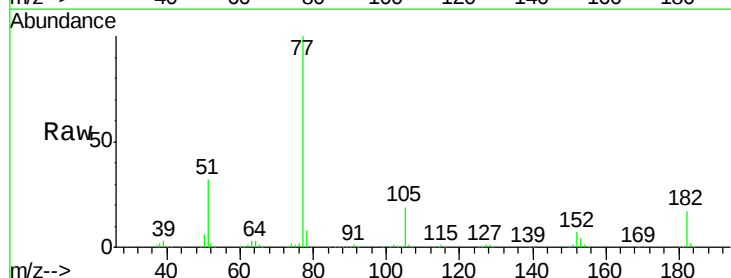
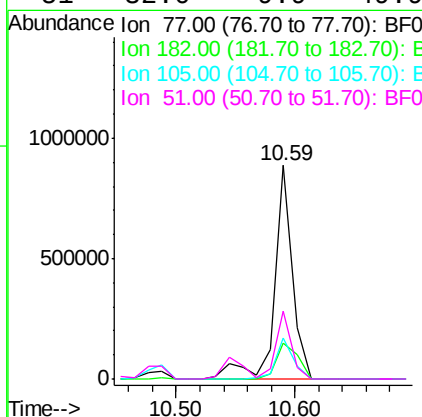
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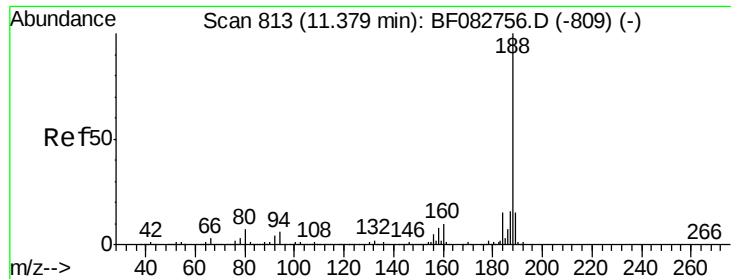
Mmdadoda
11/9/2015 2:10:17 PM



#62
Azobenzene
Concen: 31.26 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	938811		
182	17.0	9.3	49.3	
105	19.1	2.6	42.6	
51	32.0	9.9	49.9	





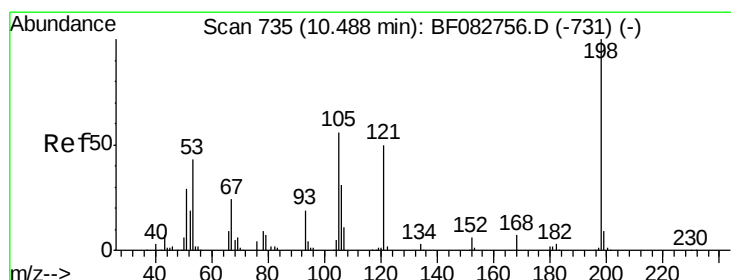
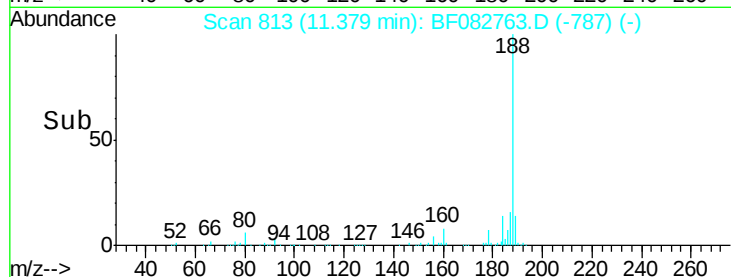
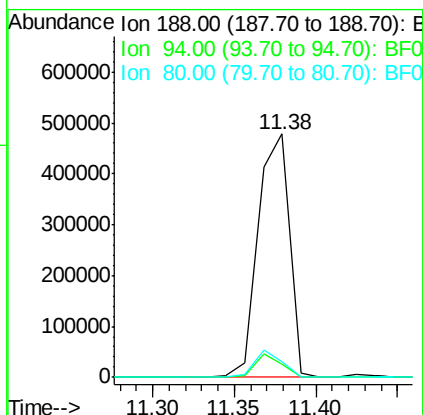
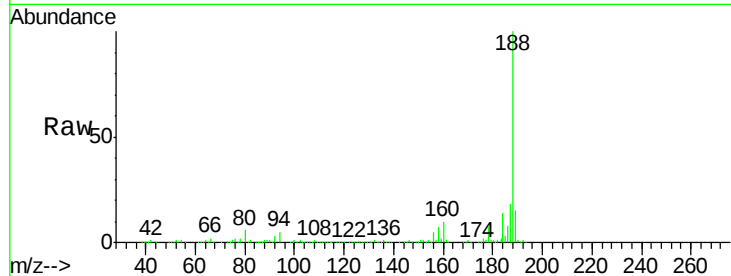
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	641344		
94	5.3	6.1	9.1#	
80	6.2	7.0	10.6#	

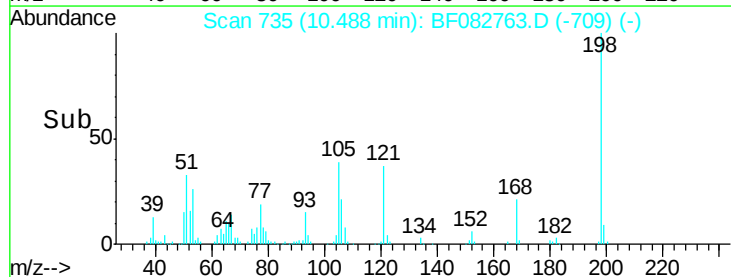
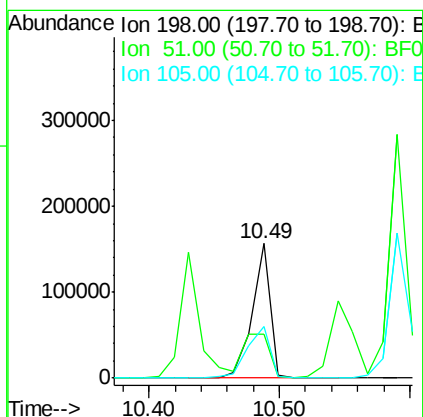
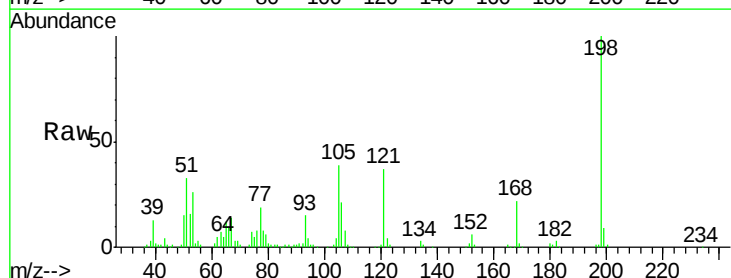
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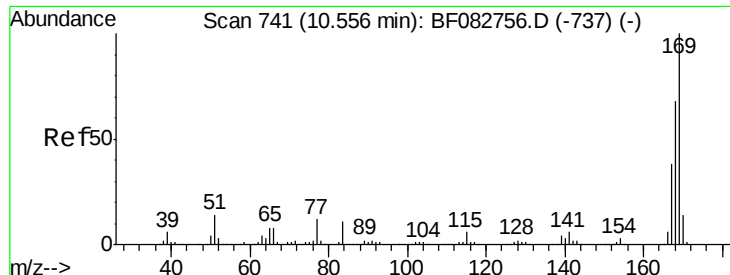
Mmdadoda
11/9/2015 2:10:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.95 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	150534		
51	32.7	17.3	57.3	
105	38.7	21.7	61.7	





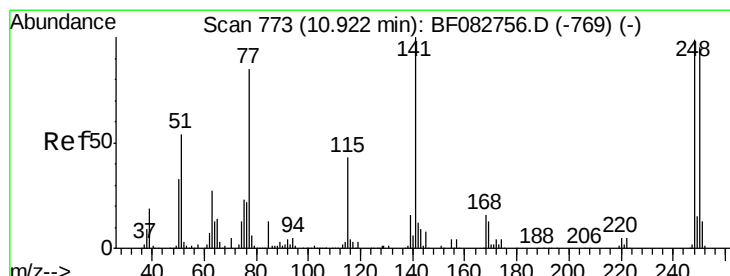
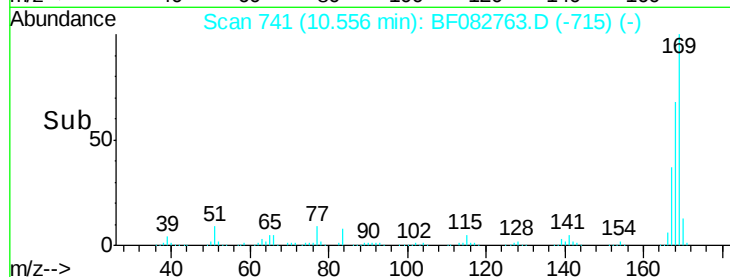
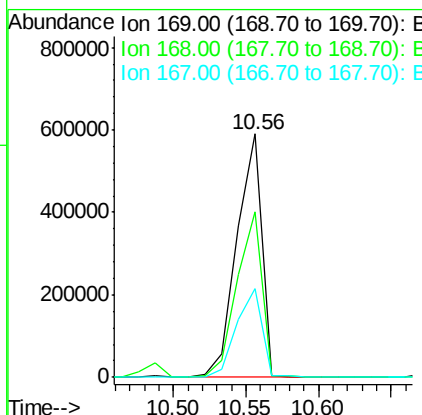
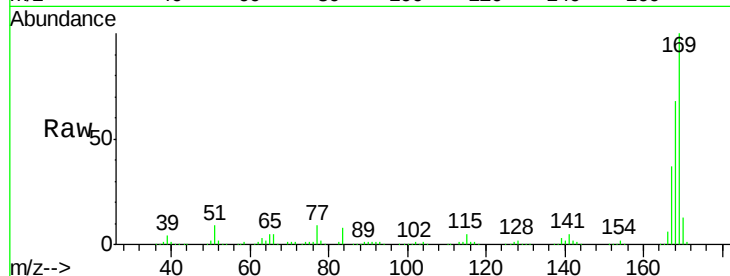
#65
 n-Nitrosodiphenylamine
 Concen: 30.41 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	704661		
168	67.8	55.0	82.6	
167	36.7	30.5	45.7	

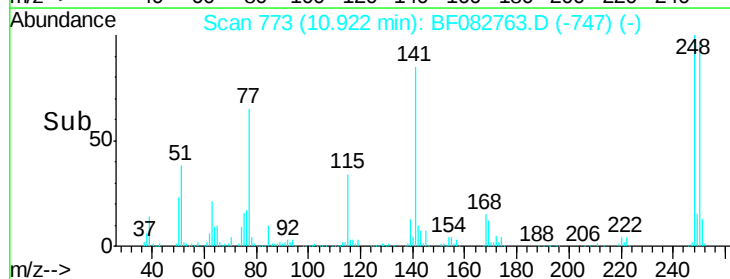
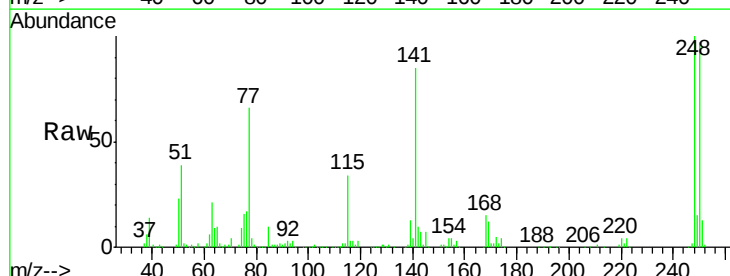
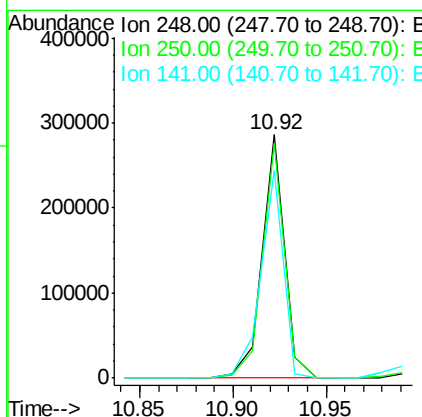
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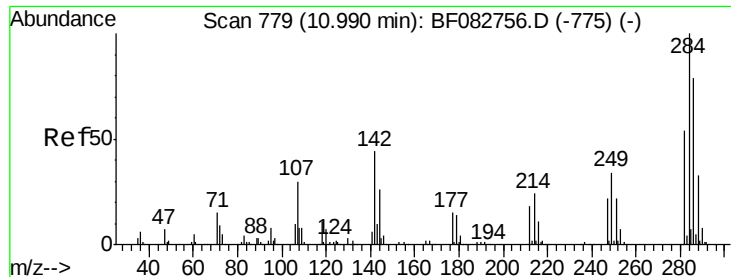
Mmdadoda
 11/9/2015 2:10:17 PM



#66
 4-Bromophenyl-phenylether
 Concen: 31.18 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	240771		
250	96.6	79.4	119.2	
141	85.4	36.3	54.5	





#67

Hexachlorobenzene

Concen: 31.77 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

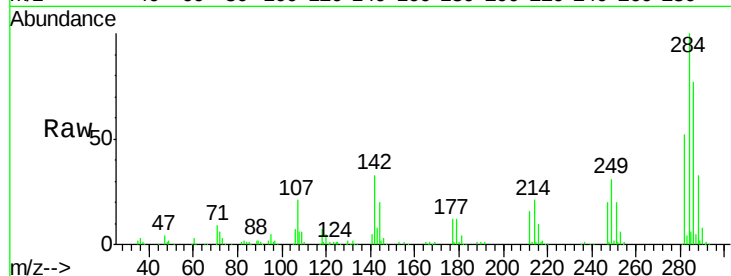
ClientSampleId :

PB86454BS

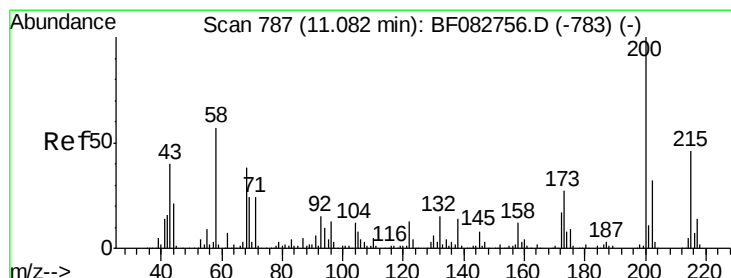
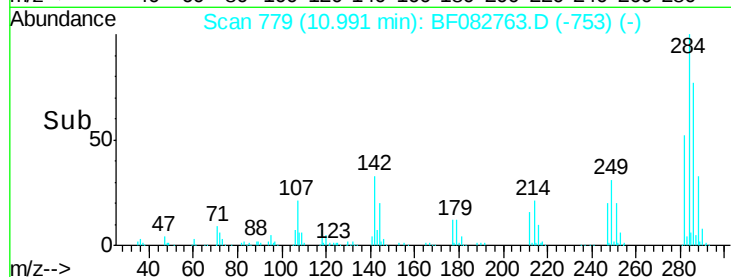
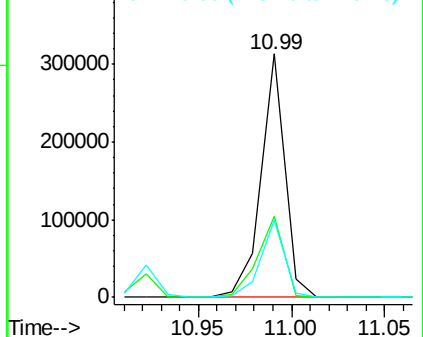
Tot Ion:	284	Resp:	273947
Ion Ratio		Lower	Upper
284	100		
142	33.2	47.9	71.9#
249	31.5	29.7	44.5

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



#68

Atrazine

Concen: 37.00 ng

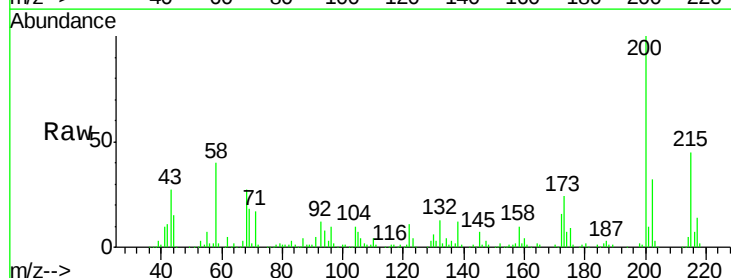
RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

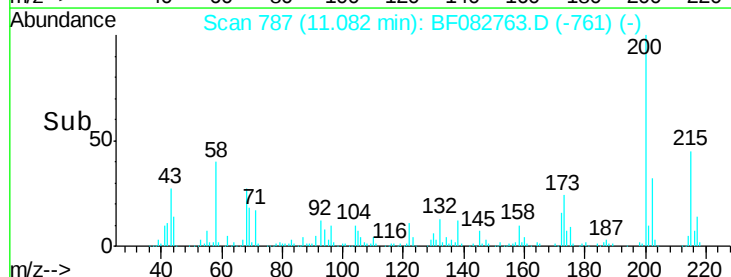
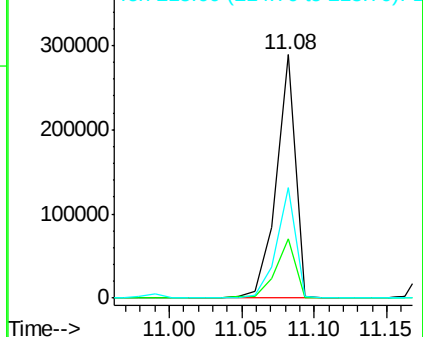
Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	200	Resp:	265058
Ion Ratio		Lower	Upper
200	100		
173	24.5	6.9	46.9
215	45.3	22.9	62.9



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





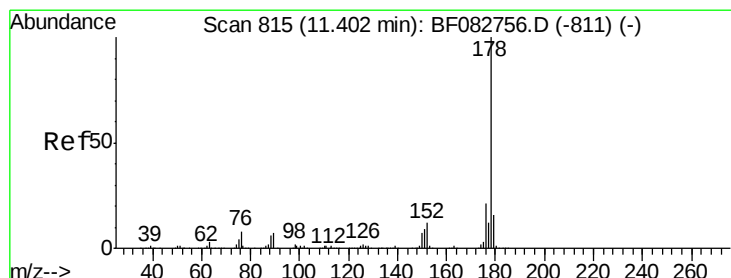
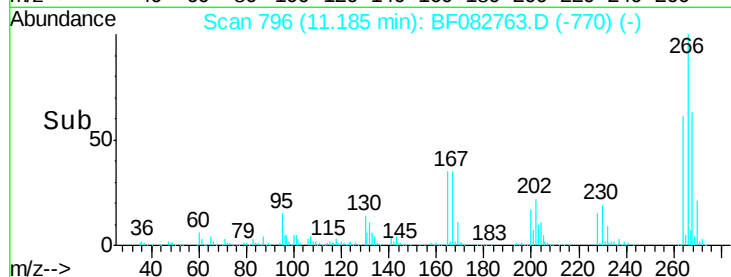
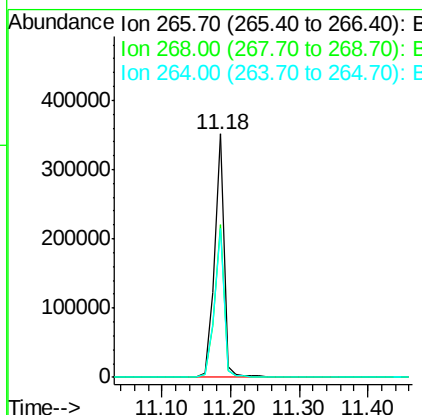
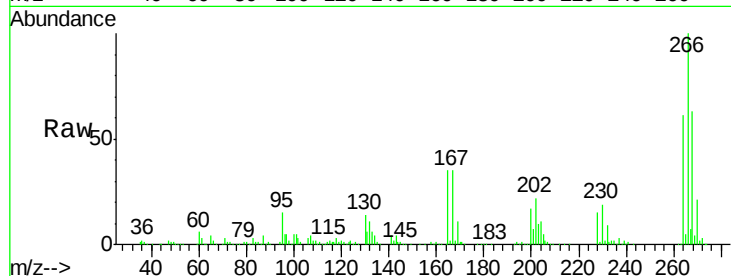
#69
 Pentachlorophenol
 Concen: 67.02 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	350916		
268	62.9		51.0	76.6
264	61.0		50.6	75.8

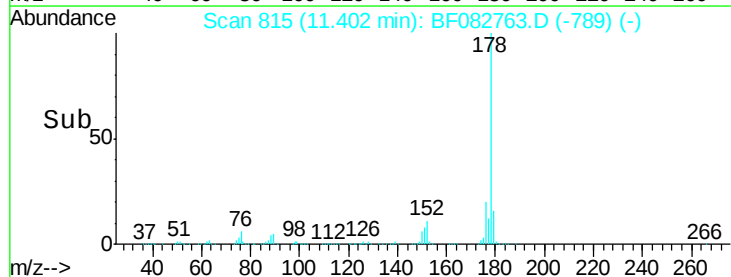
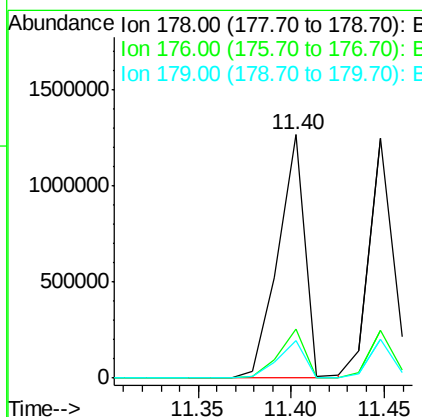
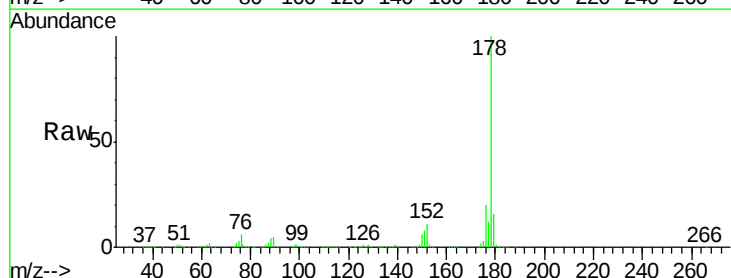
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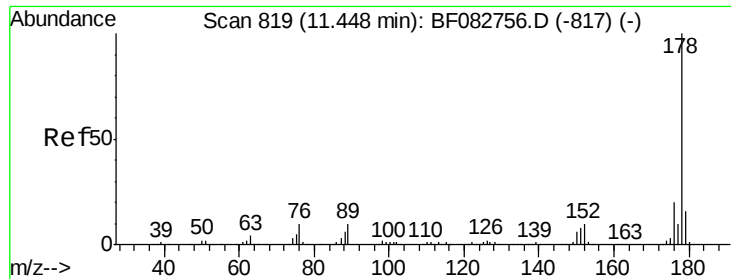
Mmdadoda
 11/9/2015 2:10:17 PM



#70
 Phenanthrene
 Concen: 34.08 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1269201		
176	20.2		17.0	25.4
179	15.6		13.4	20.0





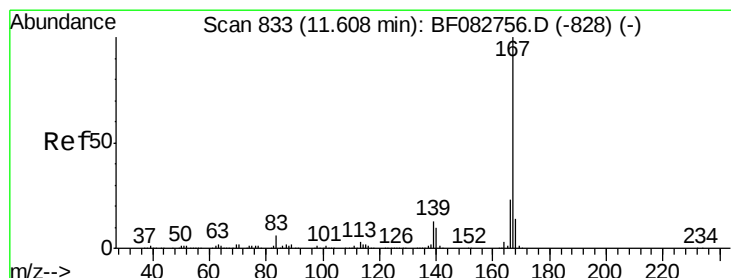
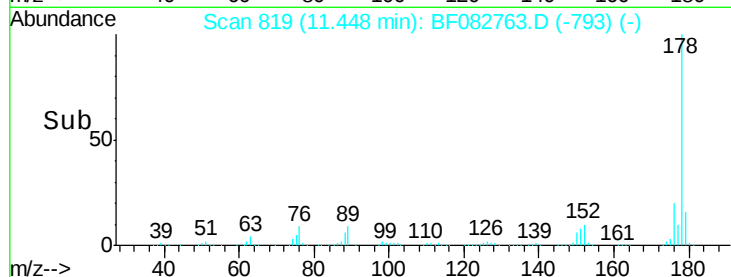
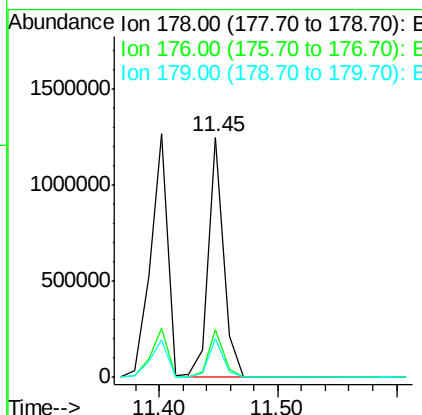
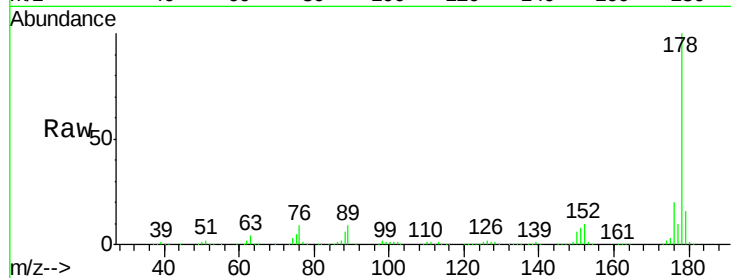
#71
 Anthracene
 Concen: 28.22 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion:178 Resp: 1107169
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.3 13.2 19.8

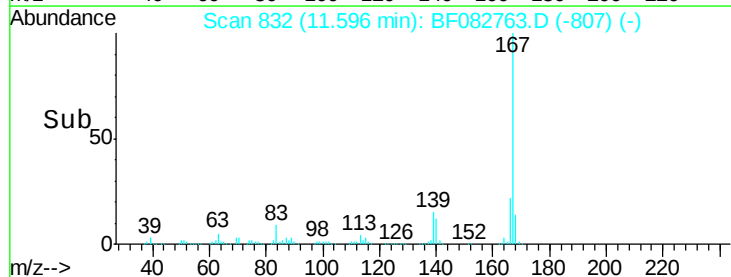
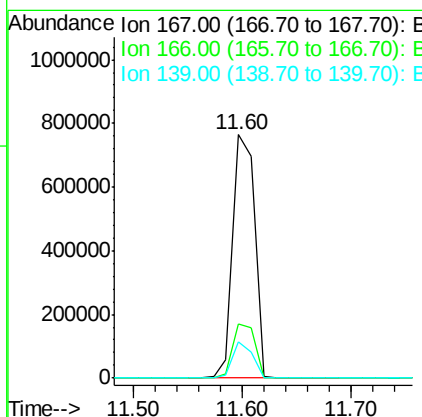
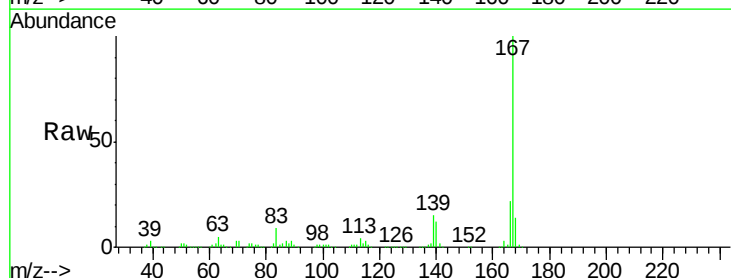
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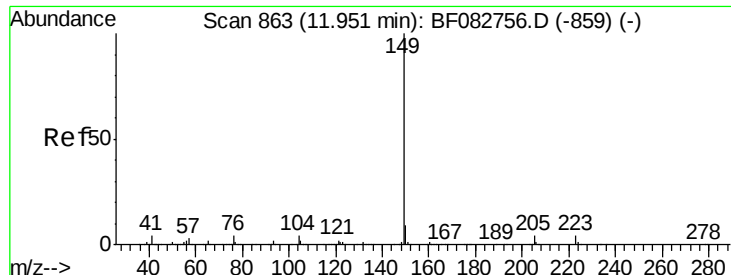
Mmdadoda
 11/9/2015 2:10:17 PM



#72
 Carbazole
 Concen: 30.58 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:167 Resp: 1050334
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 15.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 29.44 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

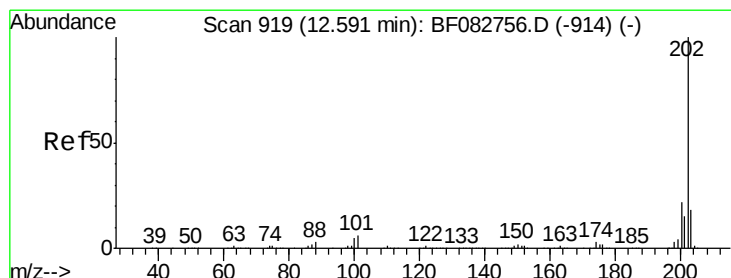
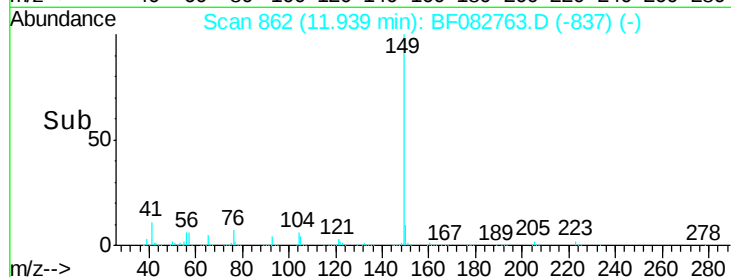
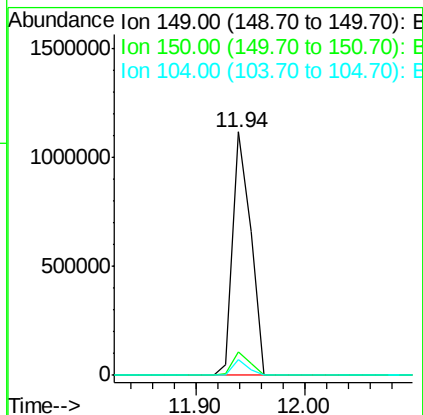
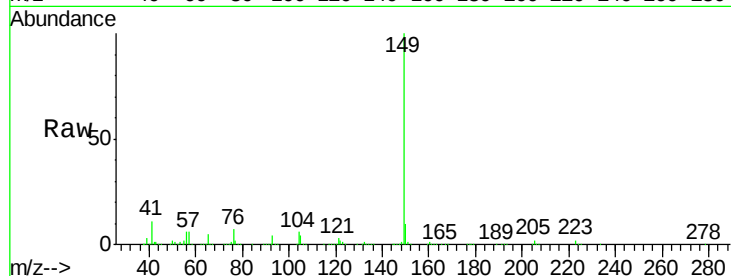
ClientSampleId :

PB86454BS

Manual Integrations
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11/9/2015 2:10:17 PM

Tot Ion:	149	Resp:	1259708
Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	6.2	5.2	7.8



#74

Fluoranthene

Concen: 30.50 ng

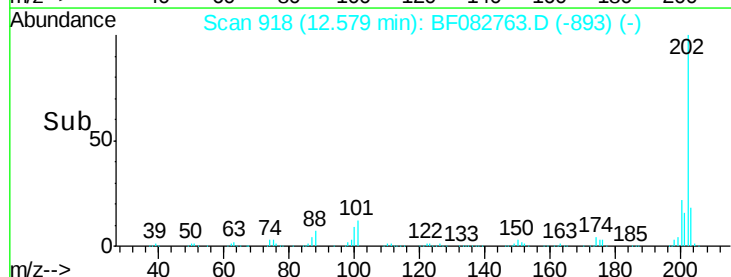
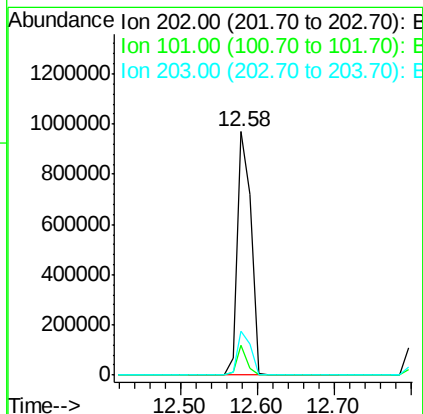
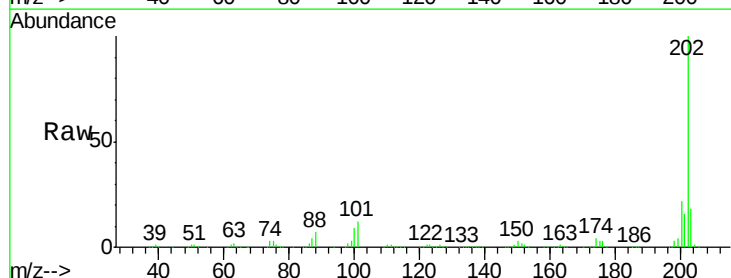
RT: 12.58 min Scan# 918

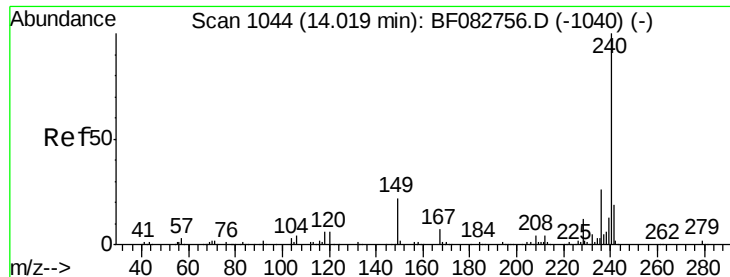
Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:	202	Resp:	1219088
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	18.2	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

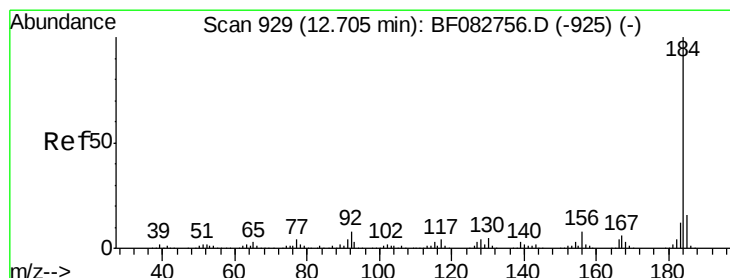
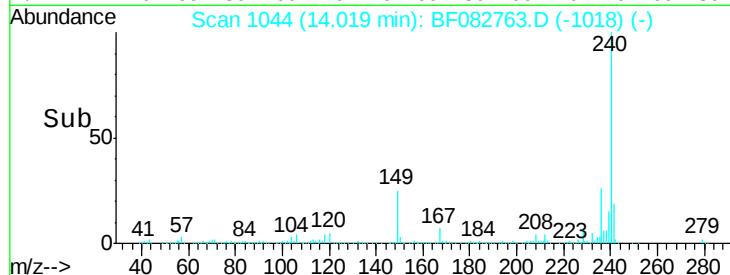
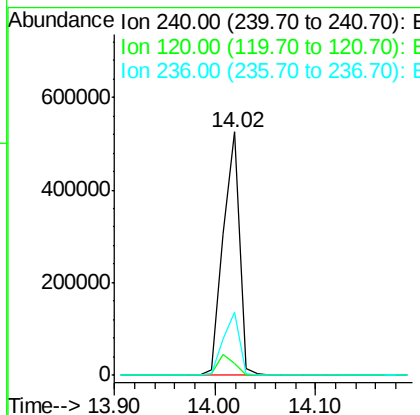
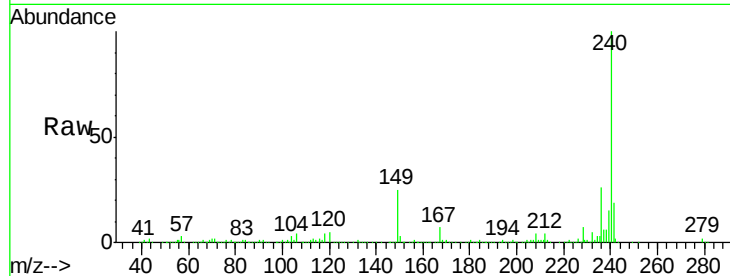
ClientSampleId :

PB86454BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	10.9	16.3#
236	25.8	21.6	32.4

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#76

Benzidine

Concen: 19.95 ng

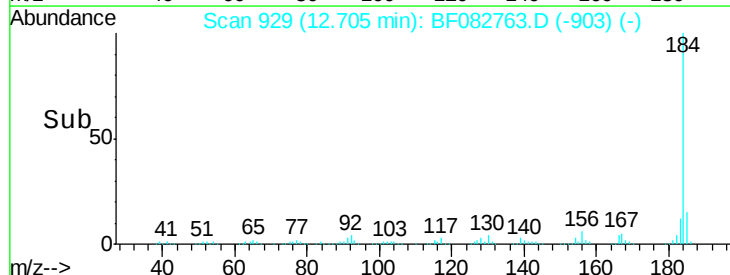
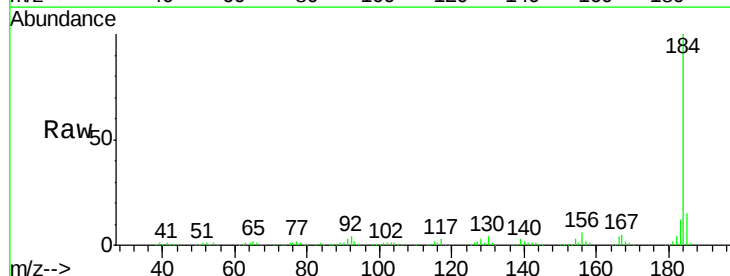
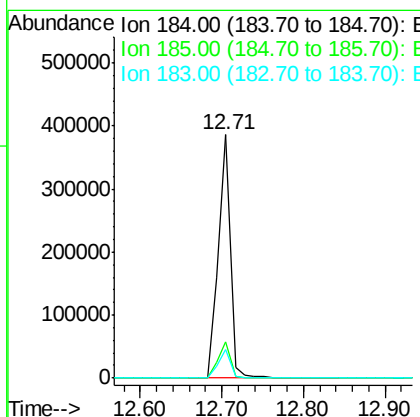
RT: 12.71 min Scan# 929

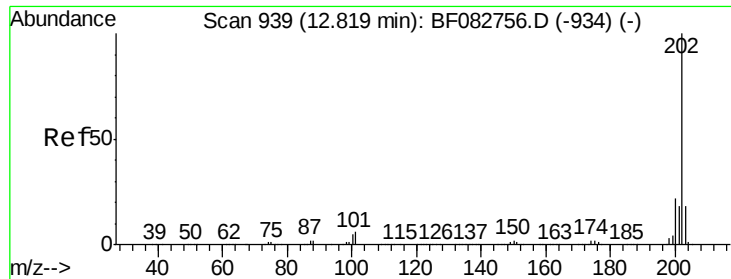
Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.0	18.0
183	11.9	9.6	14.4





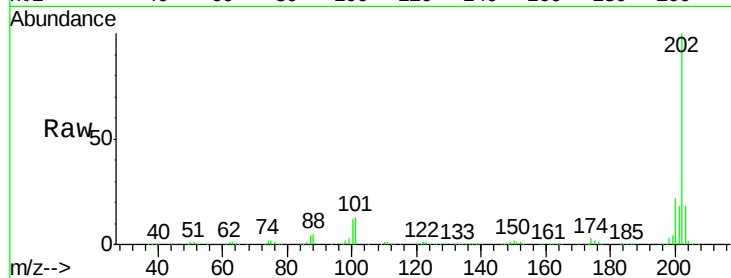
#77
Pvrene
Concen: 29.27 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

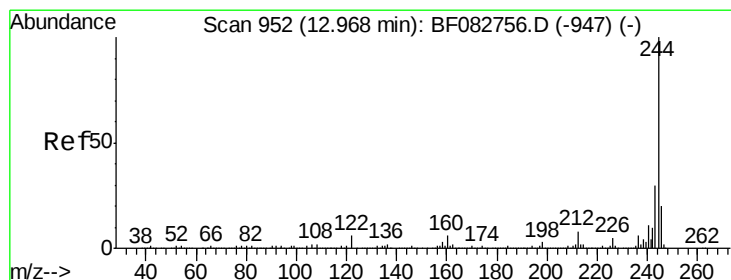
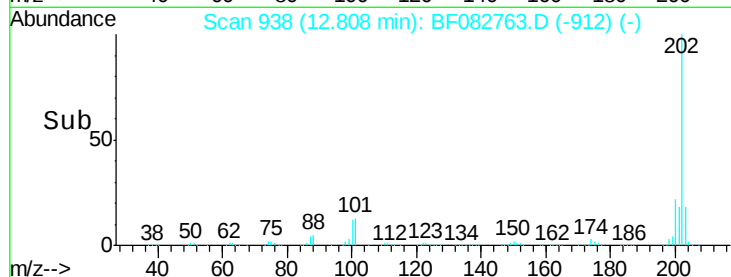
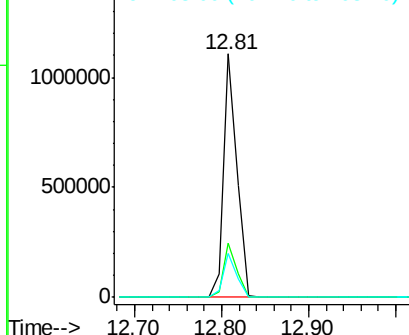
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.7	28.1
203	17.9	14.8	22.2

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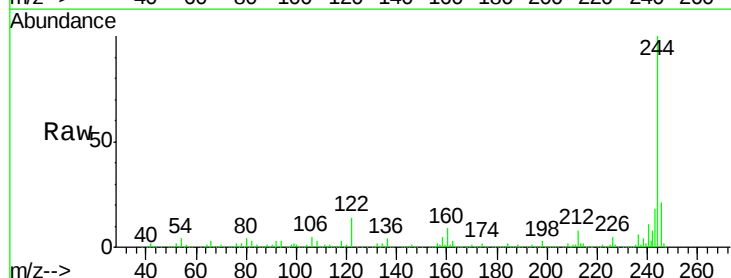


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

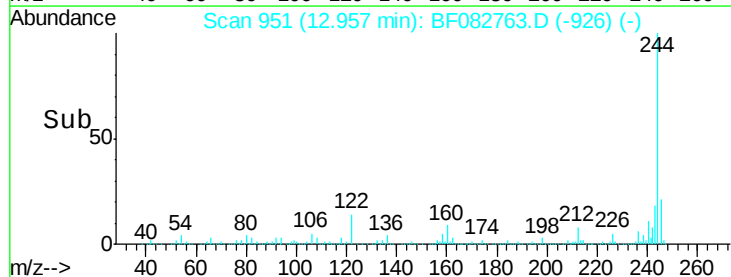
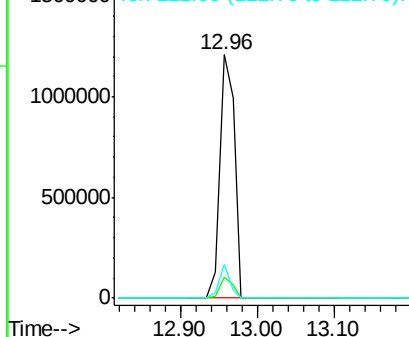


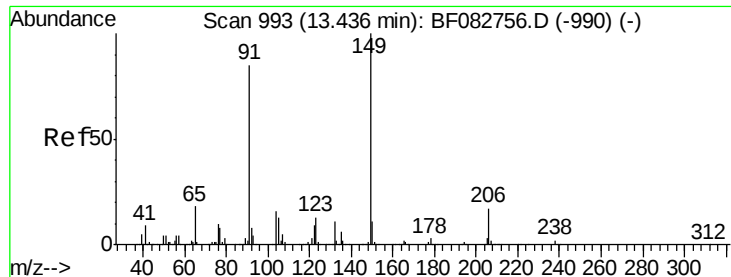
#78
Terphenyl-d14
Concen: 64.39 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	14.0	11.3	16.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





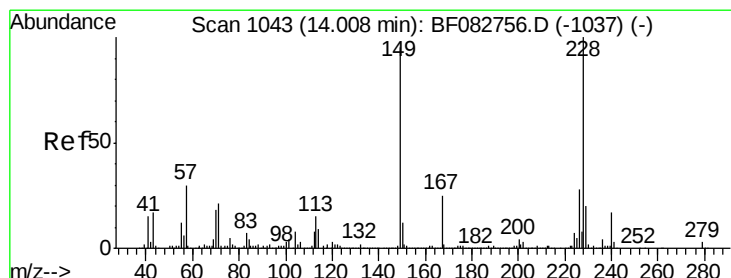
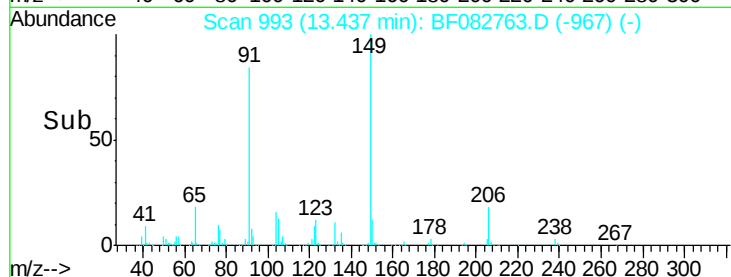
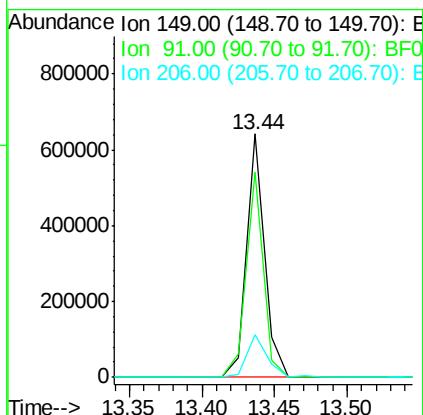
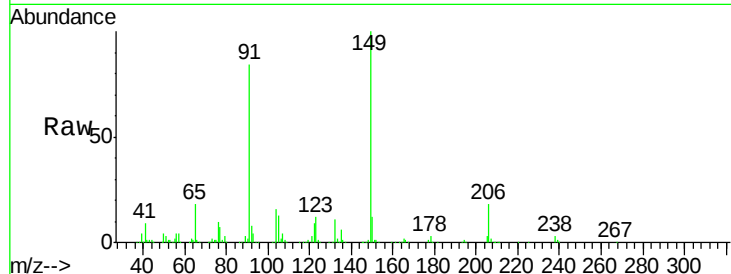
#79
Butylbenzylphthalate
Concen: 30.62 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		550707		
91	84.3	67.7	101.5		
206	17.7	14.6	22.0		

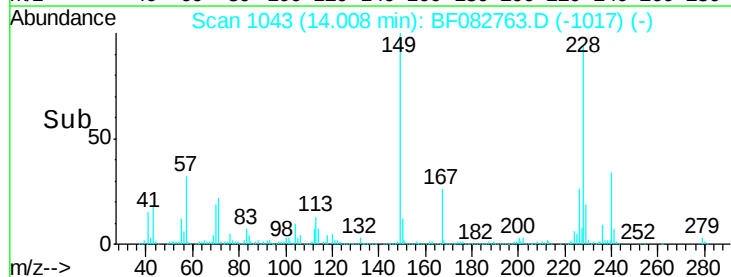
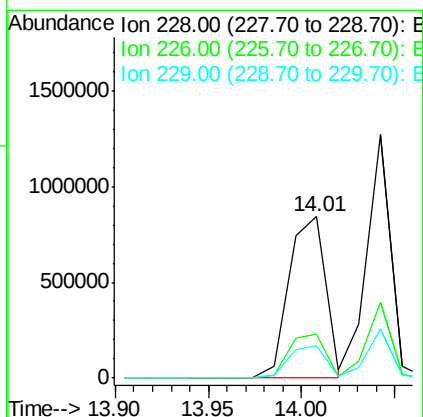
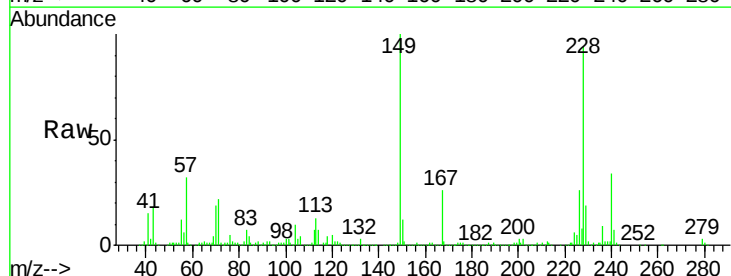
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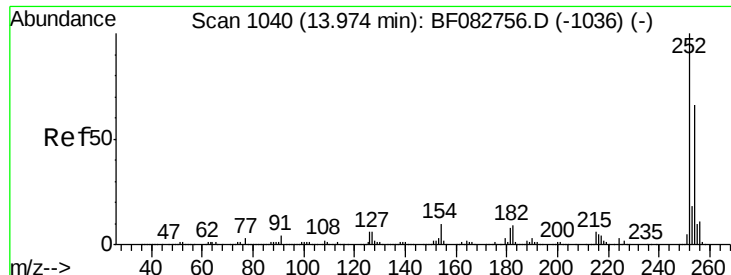
Mmdadoda
11/9/2015 2:10:17 PM



#80
Benzo(a)anthracene
Concen: 31.16 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1155023		
226	27.3	23.4	35.2		
229	19.8	16.3	24.5		





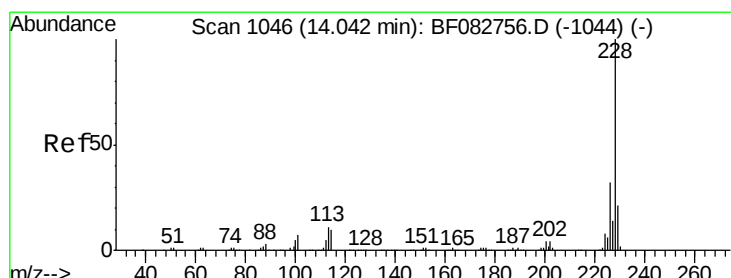
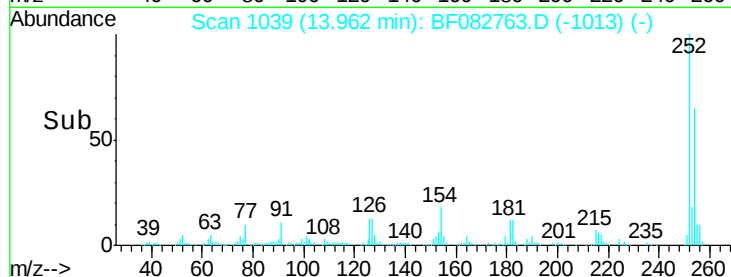
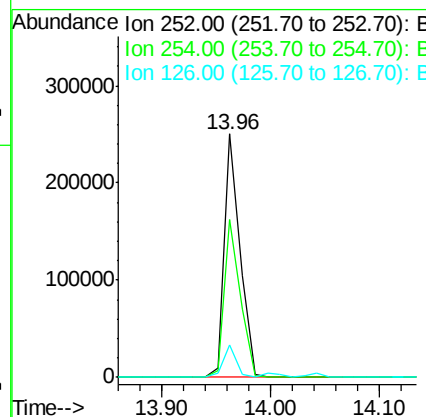
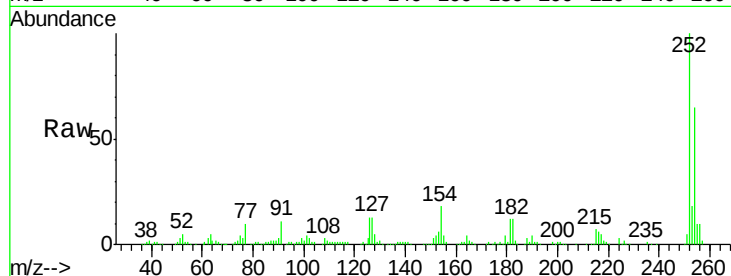
#81
 3,3'-Dichlorobenzidine
 Concen: 19.29 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	254157		
254	64.7	51.4	77.0	
126	13.1	10.7	16.1	

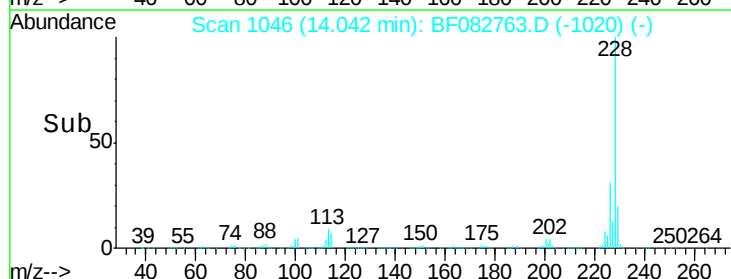
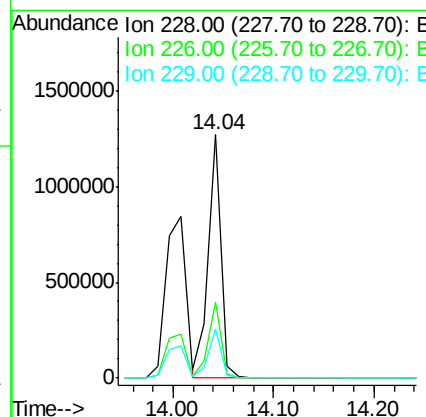
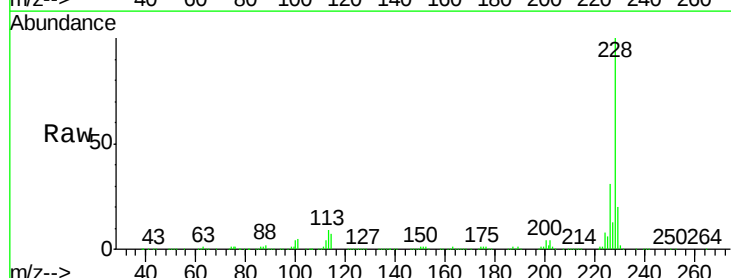
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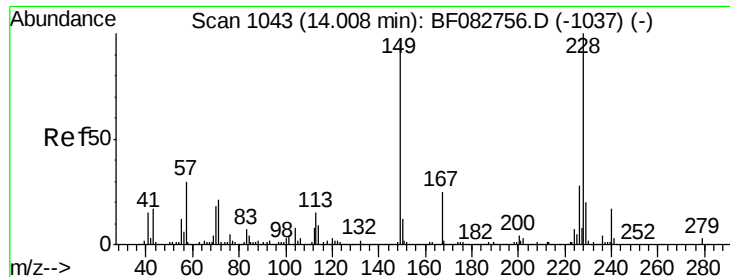
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#82
 Chrysene
 Concen: 32.99 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1120135		
226	31.2	25.5	38.3	
229	20.1	16.3	24.5	





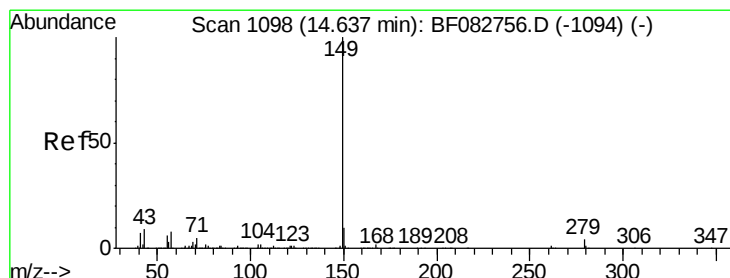
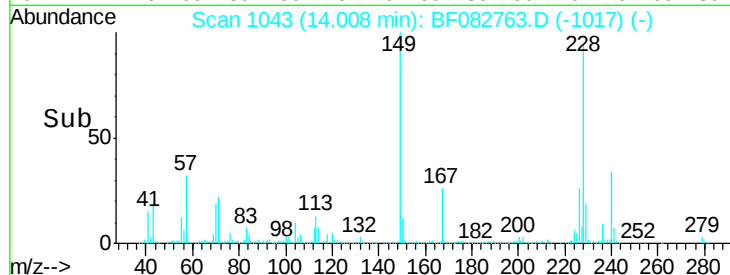
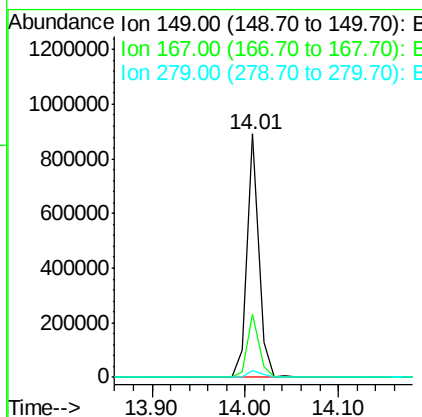
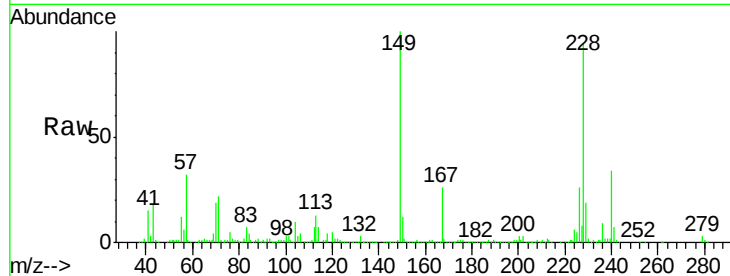
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.48 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	775010		
167	25.7		21.2	31.8
279	2.6		2.2	3.2

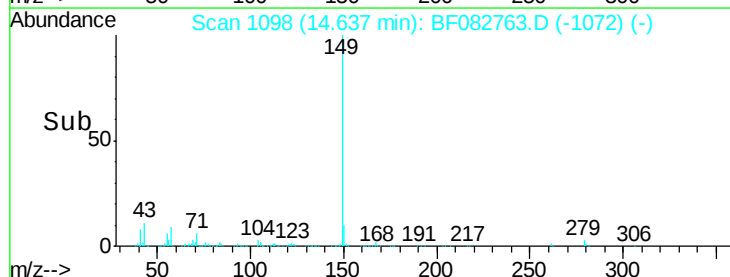
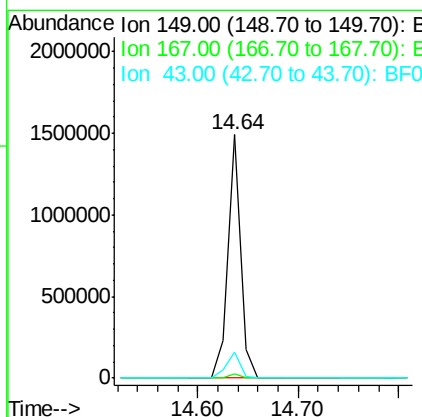
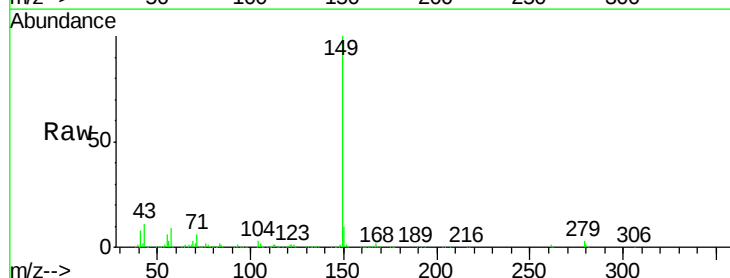
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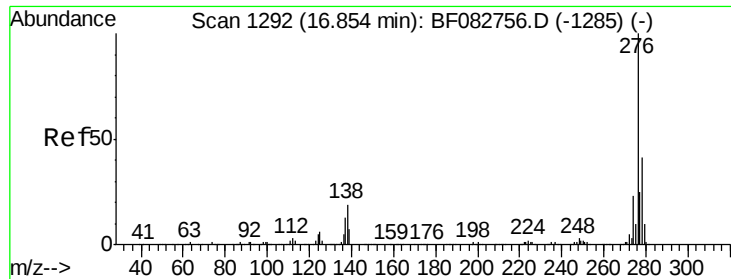
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#84
 Di-n-octyl phthalate
 Concen: 32.00 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1314030		
167	1.6		1.3	1.9
43	11.4		10.1	15.1





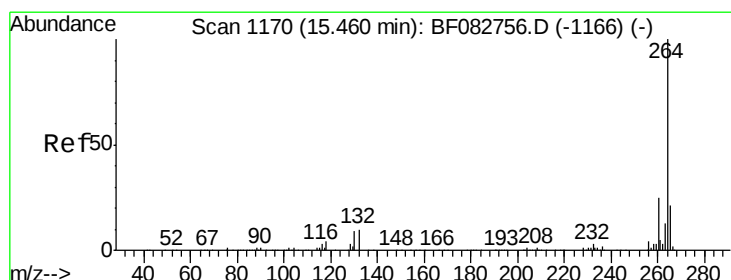
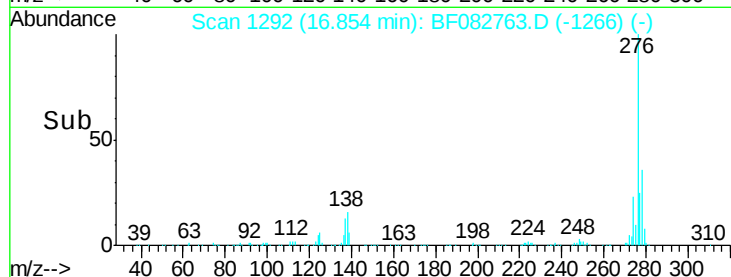
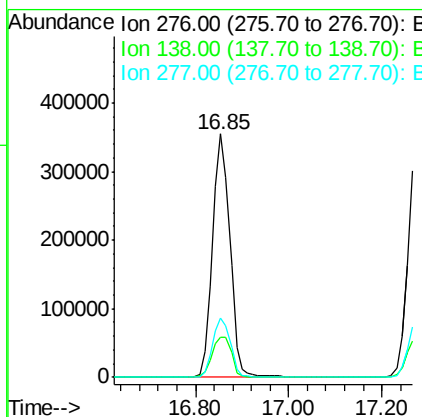
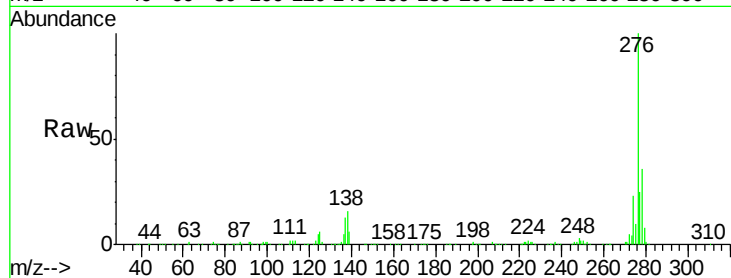
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.70 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.3	22.9
277	24.9	20.2	30.4

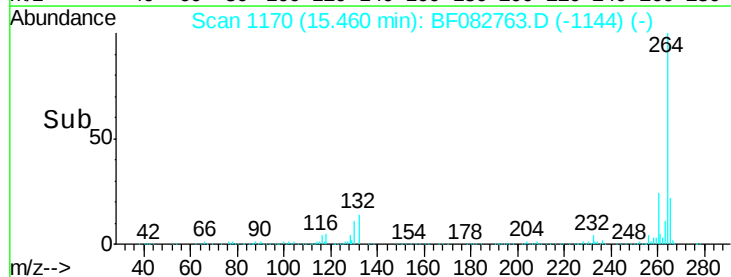
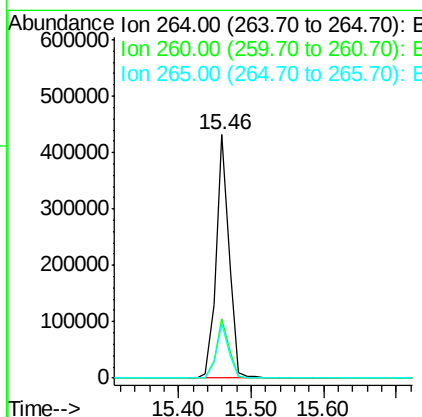
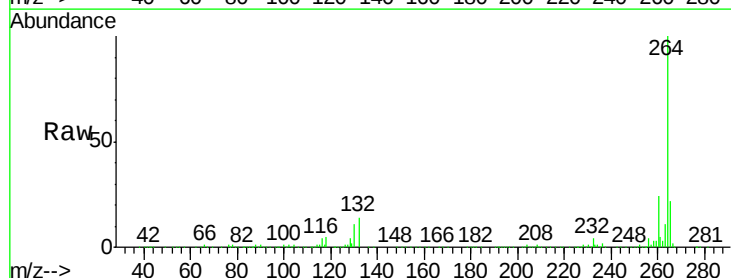
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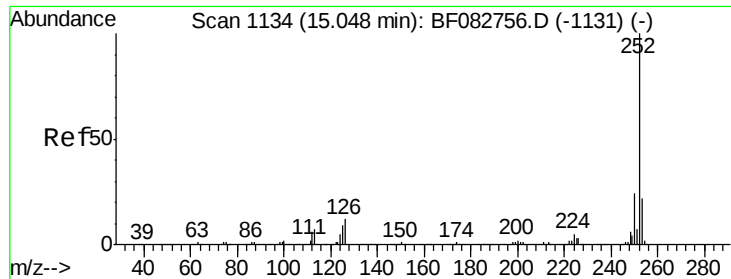
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 35.57 ng m

RT: 15.05 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:252 Resp: 1213727

Ion Ratio Lower Upper

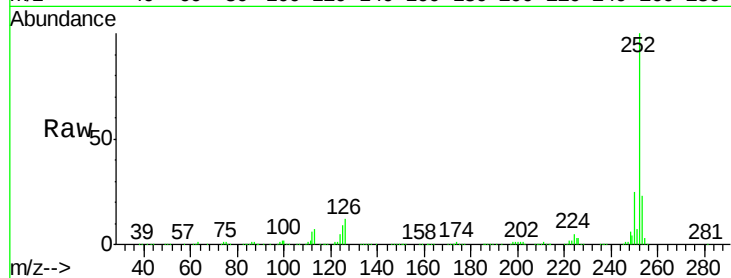
252 100

253 22.7 17.8 26.8

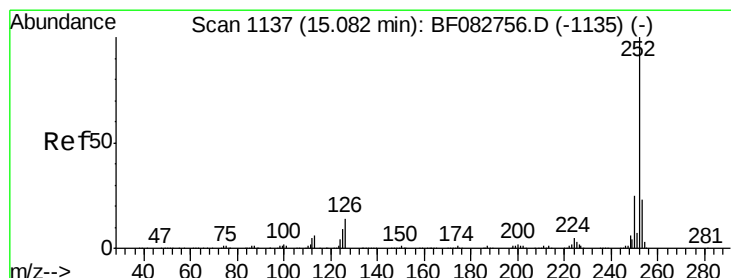
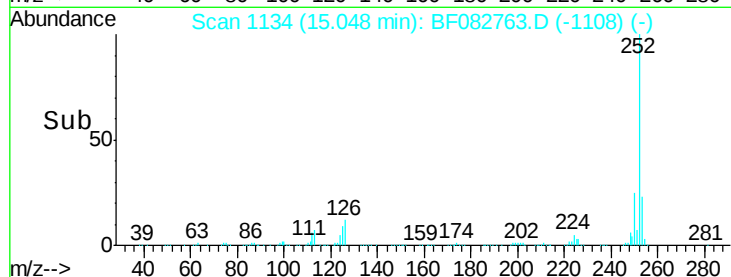
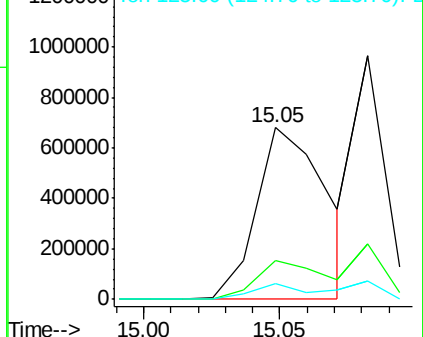
125 8.9 5.4 8.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 25.59 ng m

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:252 Resp: 774508

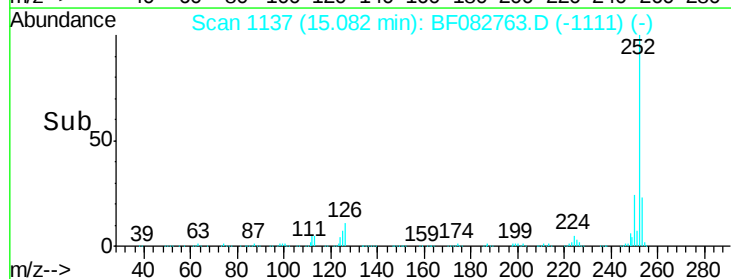
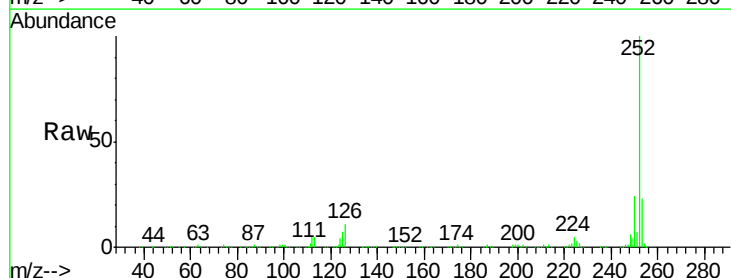
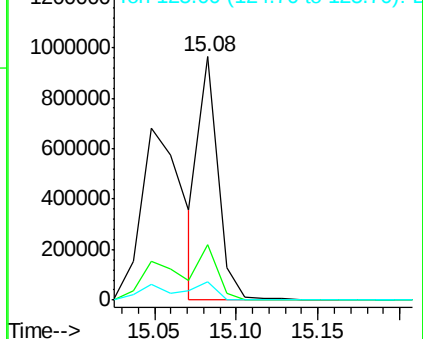
Ion Ratio Lower Upper

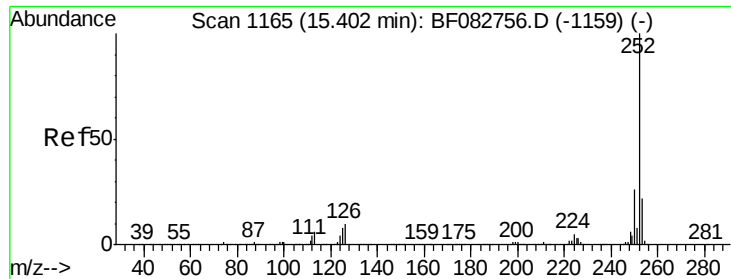
252 100

253 22.6 17.9 26.9

125 7.5 3.5 5.3#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





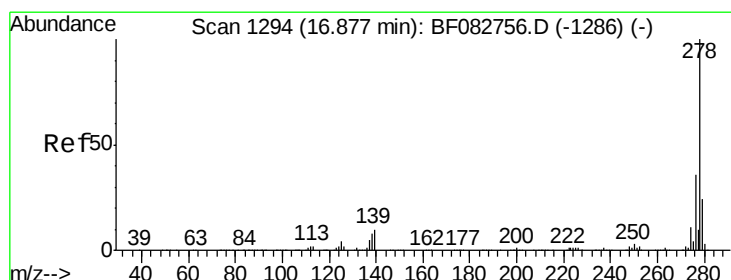
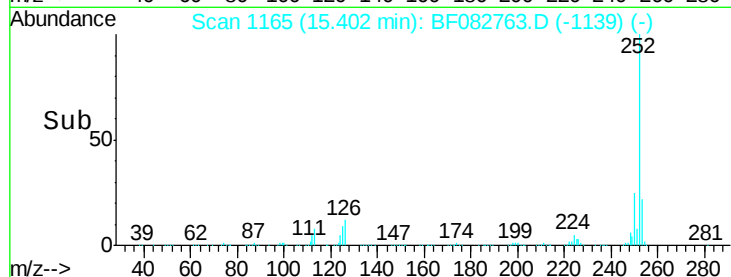
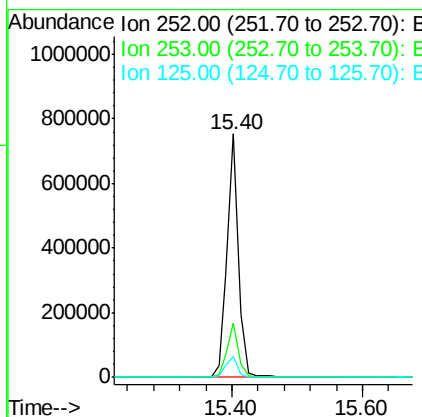
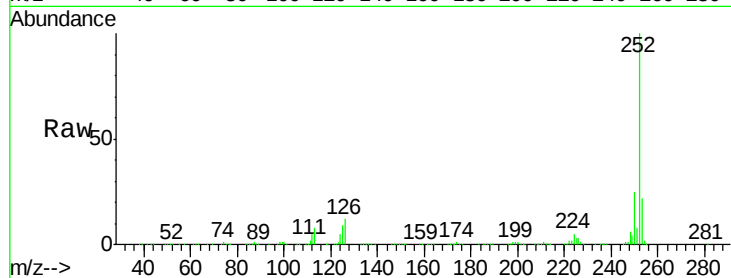
#89
Benzo(a)pyrene
Concen: 31.19 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	8.7	7.1	10.7

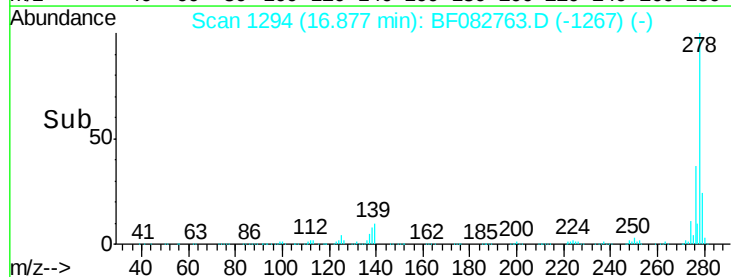
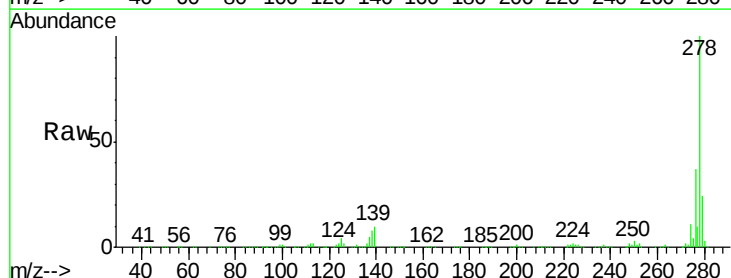
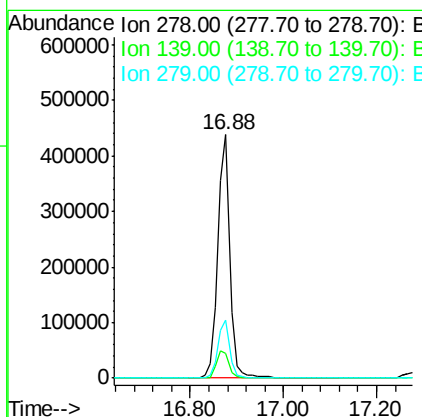
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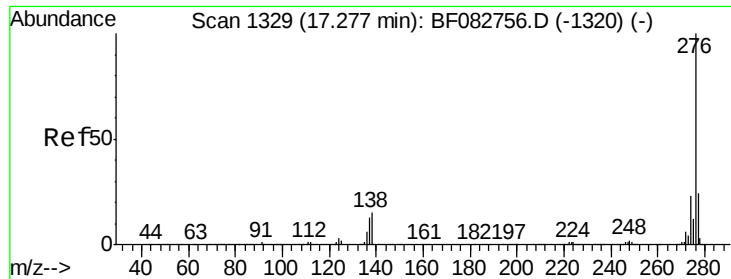
Mmdadoda
11/9/2015 2:10:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.12 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.9	14.9
279	23.9	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 30.42 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	14.7	13.1	19.7

Manual Integrations
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 11/9/2015 2:10:17 PM

