

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082767.D
 Acq On : 6 Nov 2015 18:01
 Operator : UM/IZ
 Sample : PB86432BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:19 PM

Quant Time: Nov 07 03:17:01 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	245633	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	932460	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	506772	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	935897	20.00	ng	0.00
75) Chrysene-d12	14.01	240	544119	20.00	ng	-0.01
86) Perylene-d12	15.44	264	492246	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	969375	61.40	ng	0.01
7) Phenol-d6	6.49	99	2178563	103.80	ng	0.01
23) Nitrobenzene-d5	7.41	82	1426881	66.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	563384	96.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2372619	67.10	ng	0.00
78) Terphenyl-d14	12.96	244	2330089	101.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	204017	29.95	ng	94
3) Pyridine	3.24	79	574575	29.07	ng	93
4) n-Nitrosodimethylamine	3.18	42	279753	28.54	ng	# 68
6) Aniline	6.51	93	629759	21.37	ng	94
8) 2-Chlorophenol	6.64	128	623327	35.62	ng	91
9) Benzaldehyde	6.38	77	56685	4.89	ng	96
10) Phenol	6.50	94	923510	38.78	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	626877	35.20	ng	# 82
12) 1,3-Dichlorobenzene	6.78	146	627939	31.81	ng	95
13) 1,4-Dichlorobenzene	6.86	146	631060	30.73	ng	97
14) 1,2-Dichlorobenzene	7.02	146	628504	33.65	ng	98
15) Benzyl Alcohol	6.99	79	568732	30.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	988388	37.84	ng	95
17) 2-Methylphenol	7.10	107	503528	33.97	ng	96
18) Hexachloroethane	7.37	117	237309	32.31	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	457366	29.65	ng	91
20) 3+4-Methylphenols	7.26	107	649831	33.72	ng	93
22) Acetophenone	7.26	105	860779	32.22	ng	# 93
24) Nitrobenzene	7.44	77	704145	32.13	ng	93
25) Isophorone	7.68	82	1299965	32.79	ng	96
26) 2-Nitrophenol	7.74	139	308781	33.76	ng	# 80
27) 2,4-Dimethylphenol	7.79	122	547742	33.33	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	780842	34.91	ng	99
29) 2,4-Dichlorophenol	8.00	162	541743	36.47	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	534336	31.99	ng	98
31) Naphthalene	8.16	128	1626169	31.61	ng	99
32) Benzoic acid	7.92	122	378034	33.59	ng	85
33) 4-Chloroaniline	8.20	127	367855	16.59	ng	# 91
34) Hexachlorobutadiene	8.28	225	316371	30.26	ng	98
35) Caprolactam	8.57	113	179151m	38.25	ng	
36) 4-Chloro-3-methylphenol	8.69	107	621130	35.56	ng	# 84
37) 2-Methylnaphthalene	8.85	142	1173029m	35.25	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	514437	30.89	ng	98
40) Hexachlorocyclopentadiene	9.01	237	650664	72.72	ng	99

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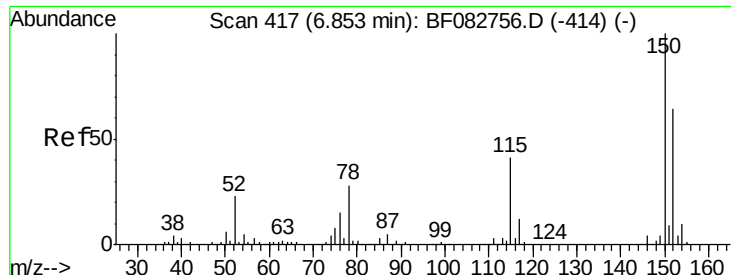
Manual Integrations
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Quant Time: Nov 07 03:17:01 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	392087	31.54	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	396763	32.27	nq	# 83
45) 1,1'-Biphenyl	9.31	154	1297629	29.84	nq	94
46) 2-Chloronaphthalene	9.33	162	1052699	31.03	nq	95
47) 2-Nitroaniline	9.42	65	365433	29.04	nq	# 86
48) Acenaphthylene	9.76	152	1817179	34.18	nq	99
49) Dimethylphthalate	9.62	163	1366143	32.90	nq	99
50) 2,6-Dinitrotoluene	9.68	165	324441	36.62	nq	# 79
51) Acenaphthene	9.93	154	1294210	38.41	nq	99
52) 3-Nitroaniline	9.84	138	192778	19.79	nq	83
53) 2,4-Dinitrophenol	9.95	184	392332	80.66	nq	# 9
54) Dibenzofuran	10.10	168	1556228	34.26	nq	91
55) 4-Nitrophenol	10.01	139	542592	72.59	nq	90
56) 2,4-Dinitrotoluene	10.08	165	392457	32.65	nq	95
57) Fluorene	10.44	166	1250982	34.01	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	338537	33.74	nq	# 90
59) Diethylphthalate	10.32	149	1279429	31.56	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	534057	29.01	nq	# 87
61) 4-Nitroaniline	10.45	138	297675	30.38	nq	# 76
62) Azobenzene	10.59	77	1465146	33.65	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	258571	38.78	nq	92
65) n-Nitrosodiphenylamine	10.56	169	1116224	33.01	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	368654	32.71	nq	# 85
67) Hexachlorobenzene	10.99	284	409152	32.52	nq	# 73
68) Atrazine	11.08	200	399559	38.22	nq	97
69) Pentachlorophenol	11.18	266	535953	70.14	nq	100
70) Phenanthrene	11.40	178	1923612	35.39	nq	99
71) Anthracene	11.45	178	1739986	30.39	nq	99
72) Carbazole	11.60	167	1665714	33.24	nq	99
73) Di-n-butylphthalate	11.94	149	1961989	31.42	nq	99
74) Fluoranthene	12.58	202	1836587	31.49	nq	96
76) Benzidine	12.71	184	755539	41.43	nq	99
77) Pyrene	12.81	202	1897739	50.79	nq	99
79) Butylbenzylphthalate	13.44	149	864623	52.38	nq	99
80) Benzo(a)anthracene	14.00	228	1335736	39.26	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	338261	27.96	nq	# 98
82) Chrysene	14.04	228	1172499	37.62	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	873466	38.66	nq	# 98
84) Di-n-octyl phthalate	14.61	149	1361659	36.13	nq	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	939277	35.00	nq	99
87) Benzo(b)fluoranthene	15.03	252	1242425m	39.32	nq	
88) Benzo(k)fluoranthene	15.06	252	824449m	29.41	nq	
89) Benzo(a)pyrene	15.38	252	977352	35.70	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	786259	33.92	nq	99
91) Benzo(g,h,i)perylene	17.24	276	743228	33.47	nq	98

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



#1

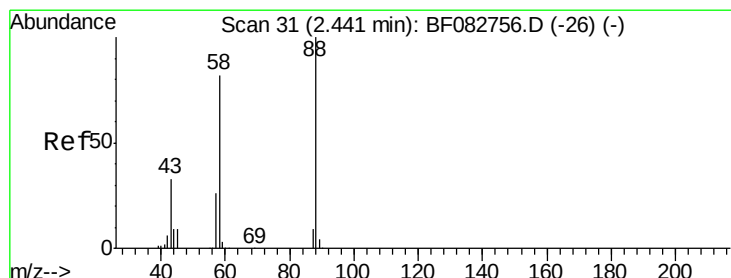
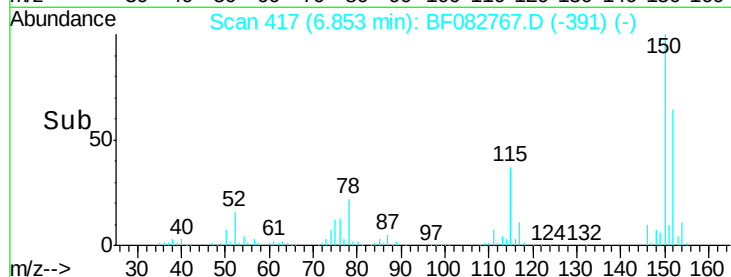
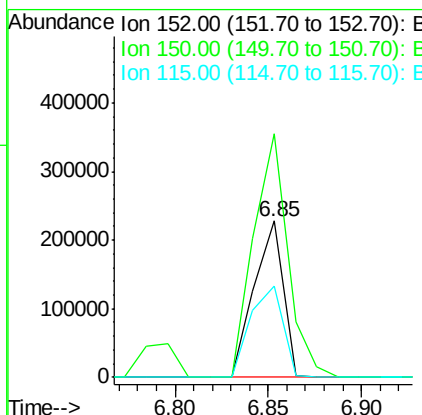
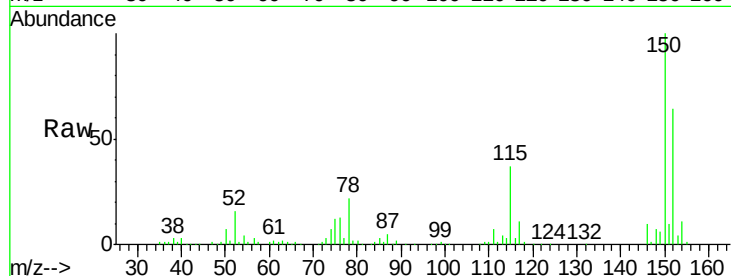
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	245633		
150	155.9	127.0	190.4	
115	58.1	47.0	70.6	

Manual Integrations
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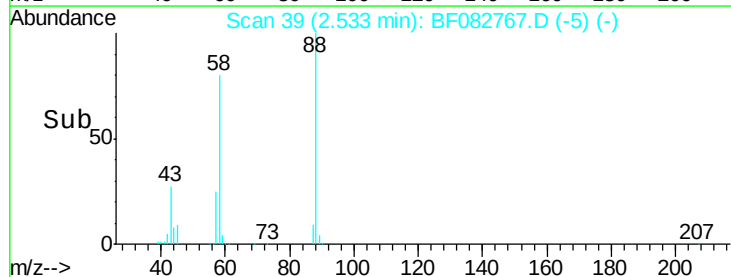
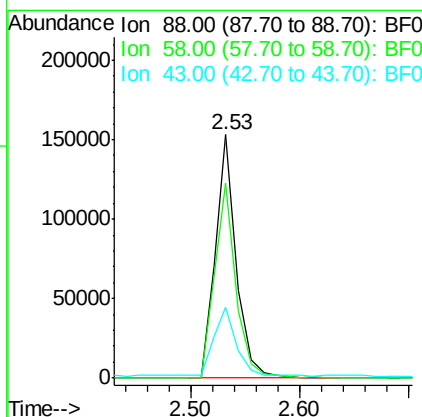
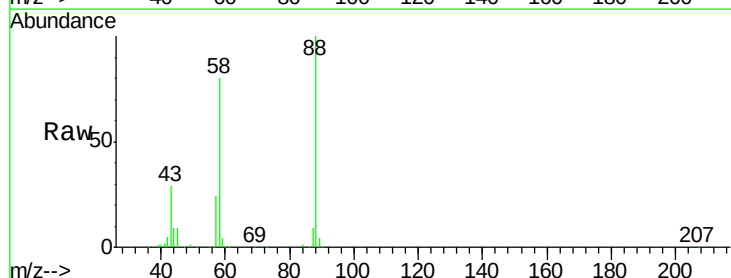
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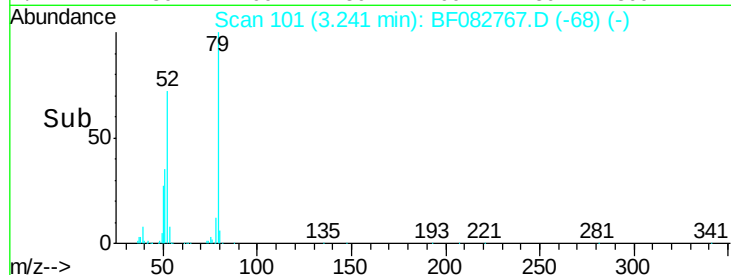
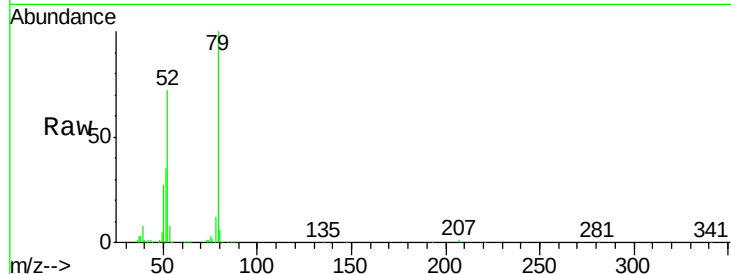
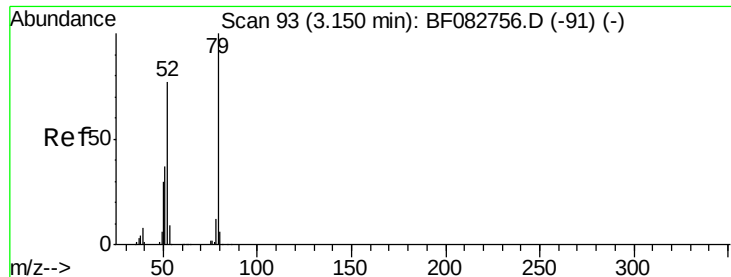


#2

1,4-Dioxane
Concen: 29.95 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.09 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	204017		
58	83.4	62.0	93.0	
43	30.8	26.6	40.0	





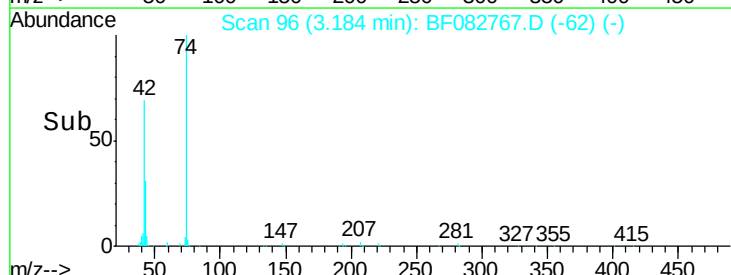
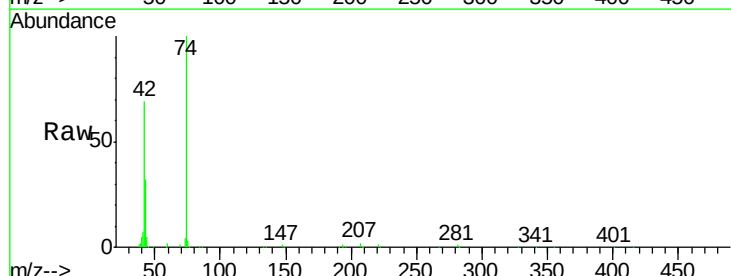
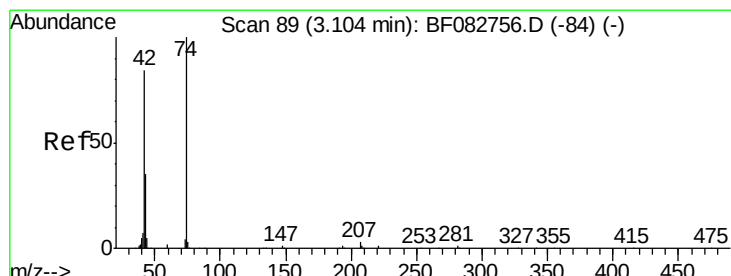
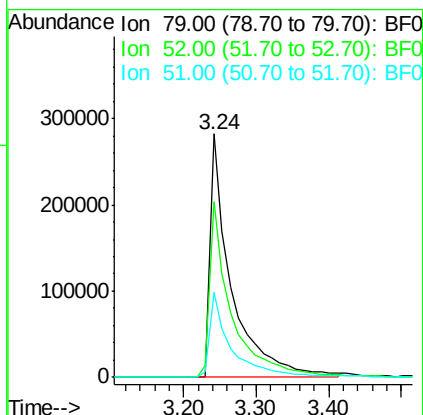
#3
 Pvridine
 Concen: 29.07 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.08 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tot Ion:	79	Resp:	574575
Ion Ratio	Lower	Upper	
79	100		
52	72.3	62.8	94.2
51	35.1	32.0	48.0

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

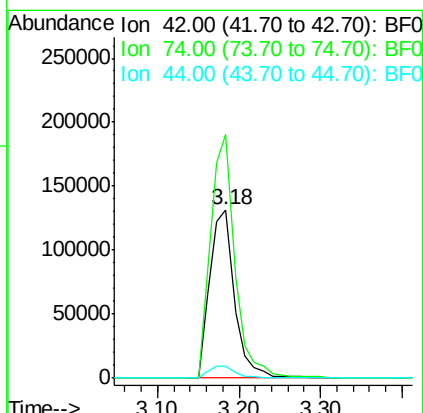
Manual Integrations
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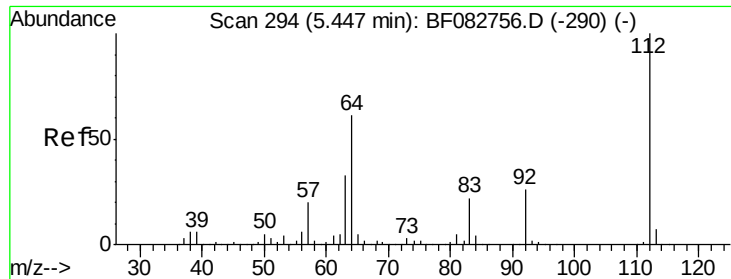
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#4
 n-Nitrosodimethylamine
 Concen: 28.54 ng
 RT: 3.18 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:	42	Resp:	279753
Ion Ratio	Lower	Upper	
42	100		
74	144.6	87.0	130.4#
44	7.1	5.8	8.8





#5

2-Fluorophenol

Concen: 61.40 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082767.D

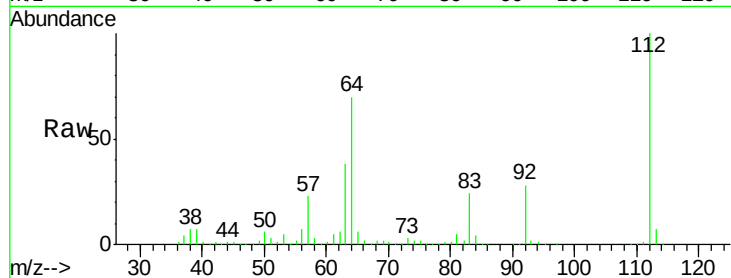
Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

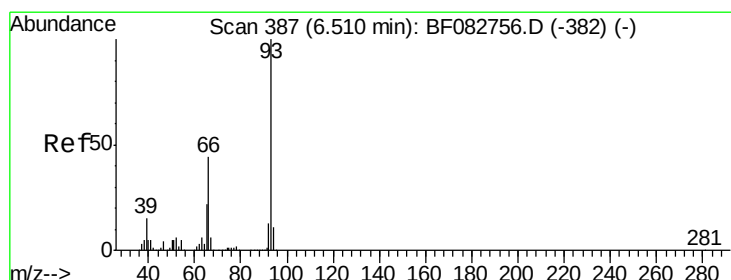
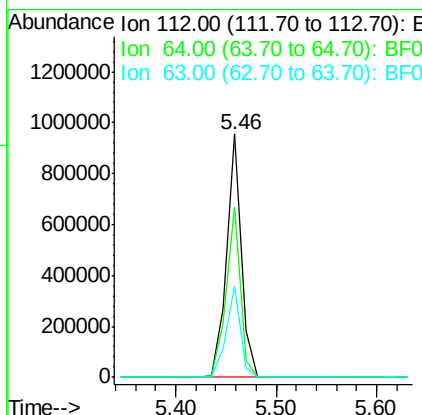
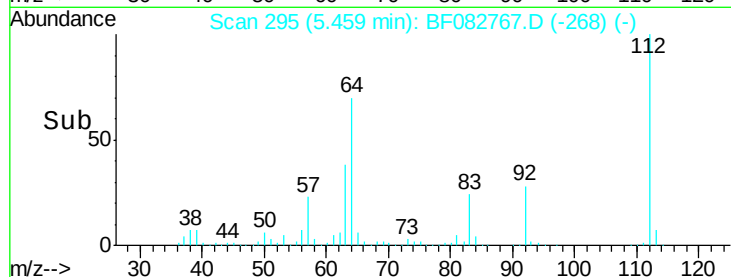
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		969375		
64	70.1	48.9	73.3		
63	37.7	28.1	42.1		

Manual Integrations
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#6

Aniline

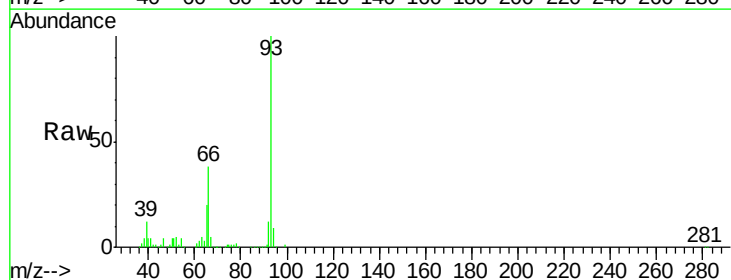
Concen: 21.37 ng

RT: 6.51 min Scan# 387

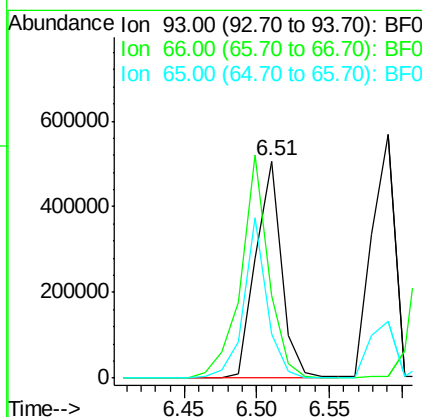
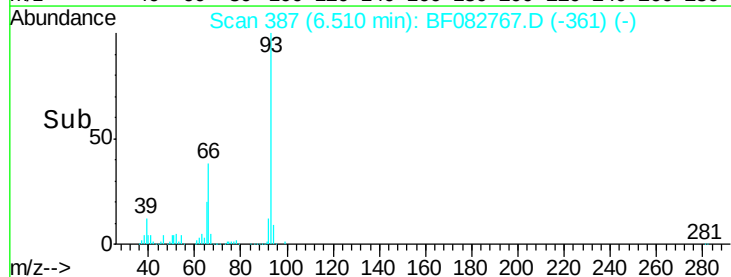
Delta R.T. 0.00 min

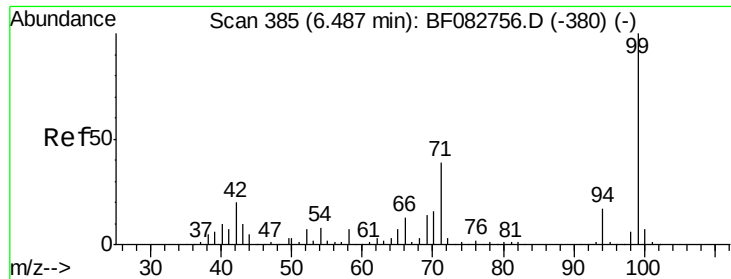
Lab File: BF082767.D

Acq: 6 Nov 2015 18:01



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		629759		
66	37.9	33.6	50.4		
65	20.1	18.1	27.1		





#7

Phenol-d6

Concen: 103.80 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion: 99 Resp: 2178563

Ion Ratio Lower Upper

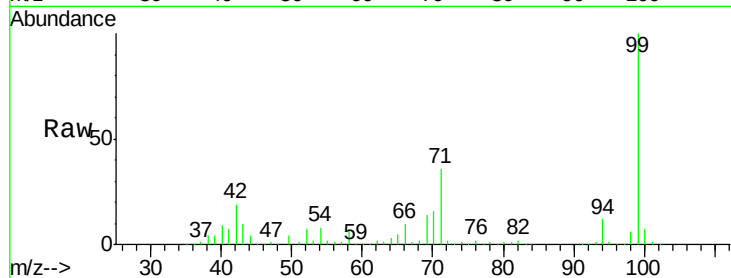
99 100

42 19.0 19.2 28.8#

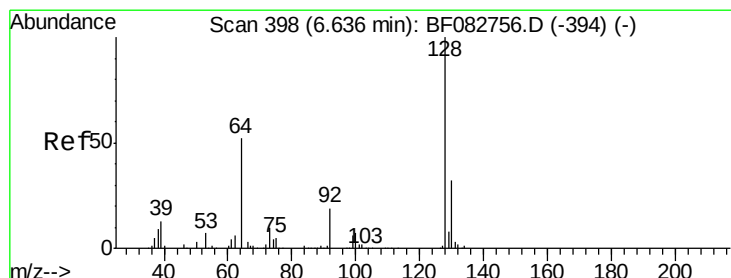
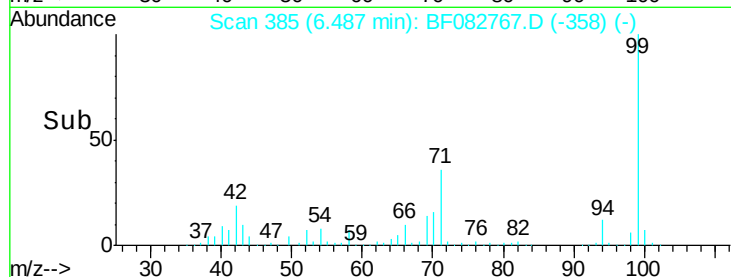
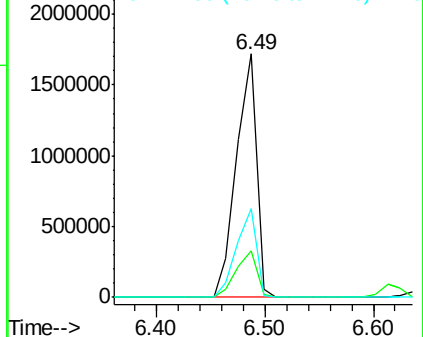
71 36.2 35.0 52.4

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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: 35.62 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

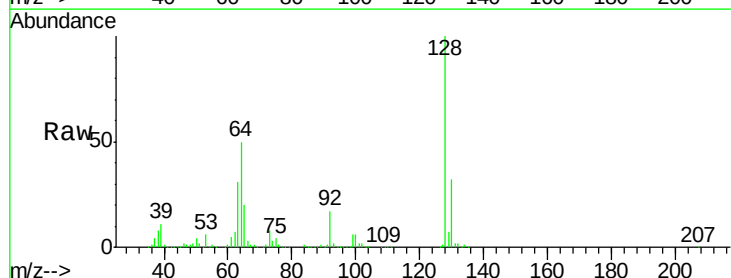
Tgt Ion: 128 Resp: 623327

Ion Ratio Lower Upper

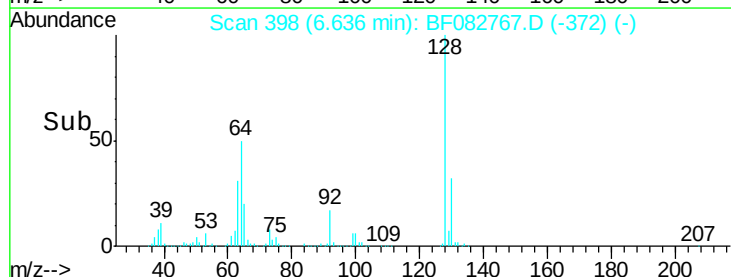
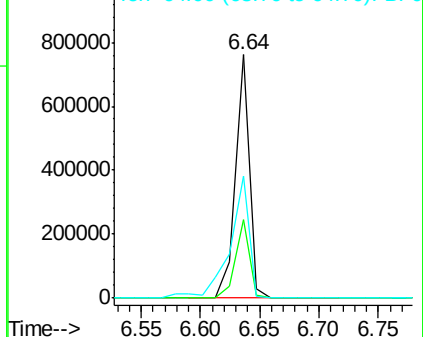
128 100

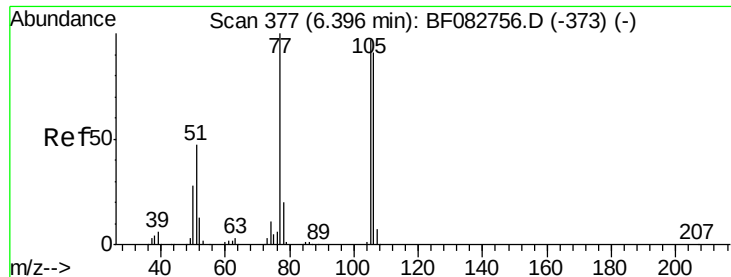
130 32.5 13.5 53.5

64 49.9 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: 4.89 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082767.D

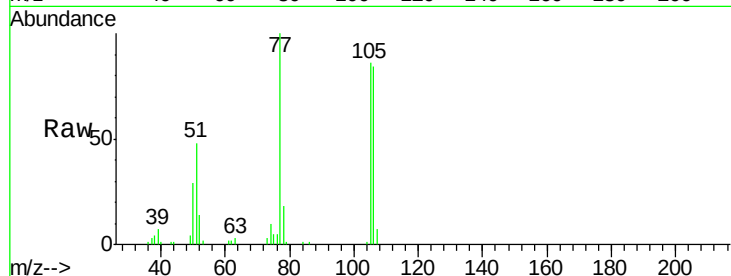
Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

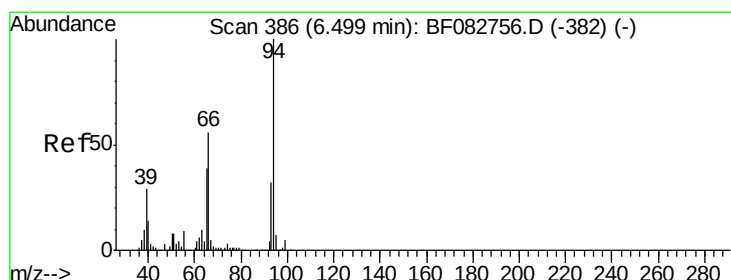
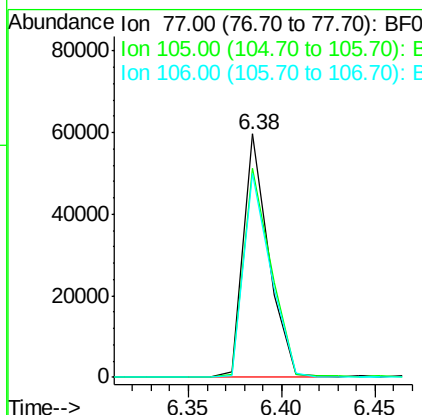
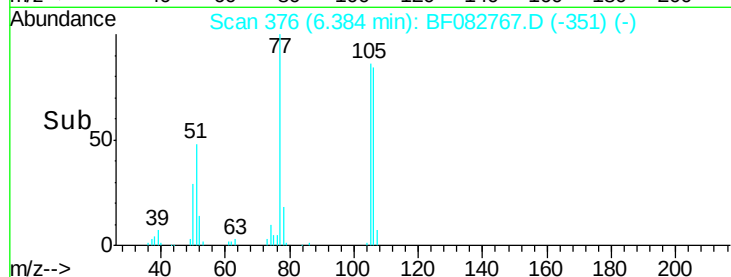
PB86432BS



Tot Ion:	77	Resp:	56685
Ion Ratio	Lower	Upper	
77	100		
105	85.7	63.5	103.5
106	83.8	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 38.78 ng

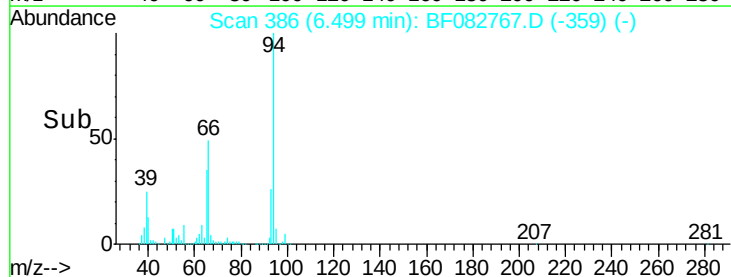
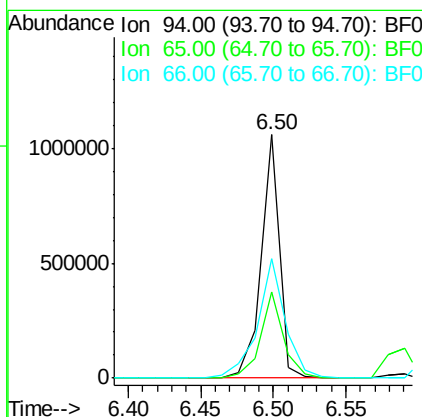
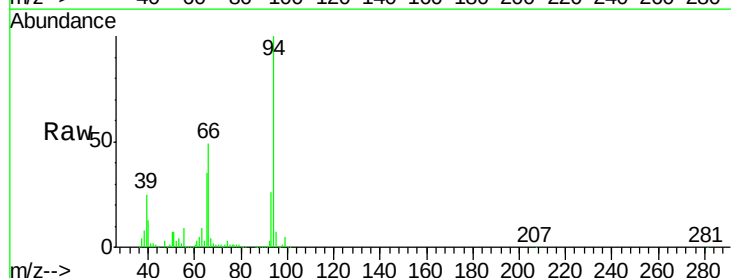
RT: 6.50 min Scan# 386

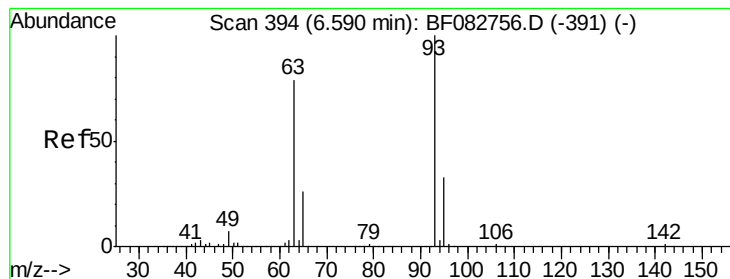
Delta R.T. 0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion:	94	Resp:	923510
Ion Ratio	Lower	Upper	
94	100		
65	35.4	18.9	58.9
66	49.0	34.9	74.9





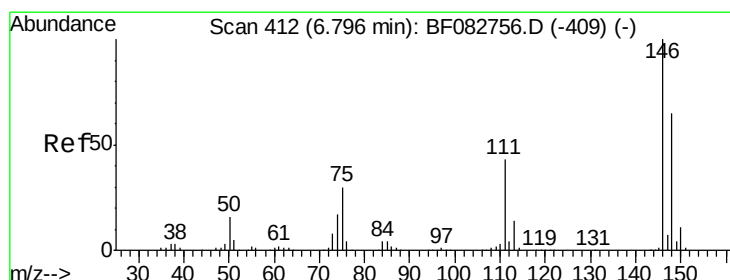
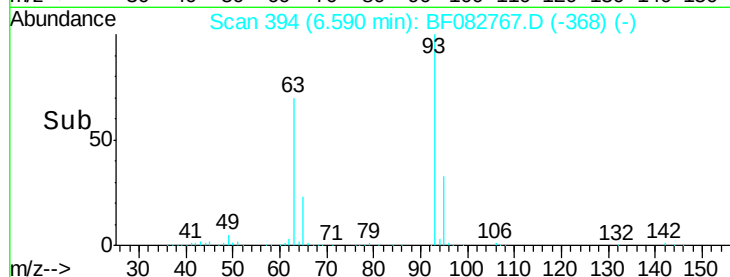
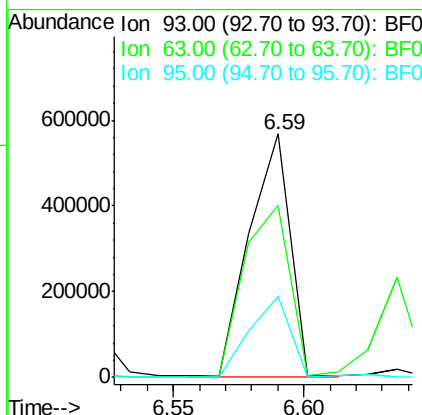
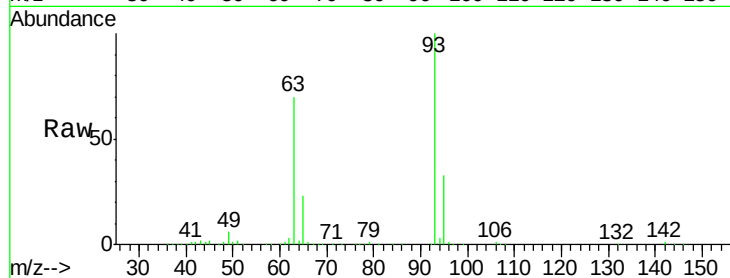
#11
bis(2-Chloroethyl)ether
Concen: 35.20 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.4	72.7	112.7#
95	33.4	12.0	52.0

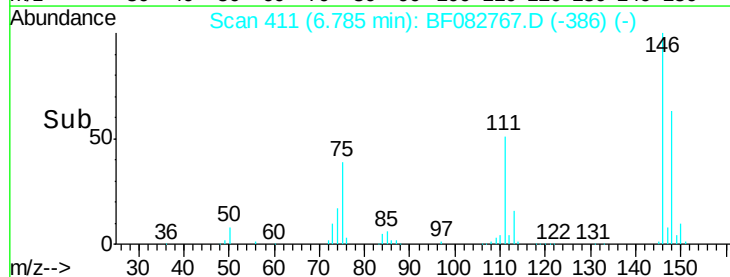
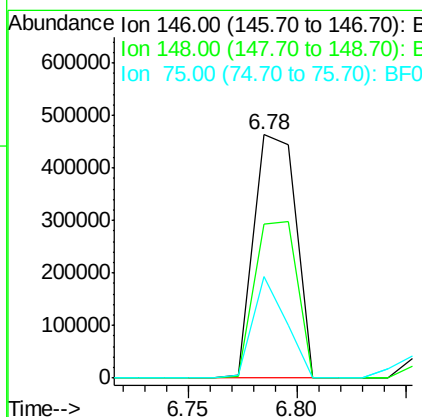
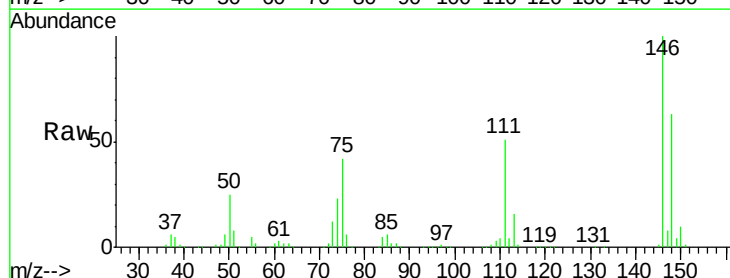
Manual Integrations
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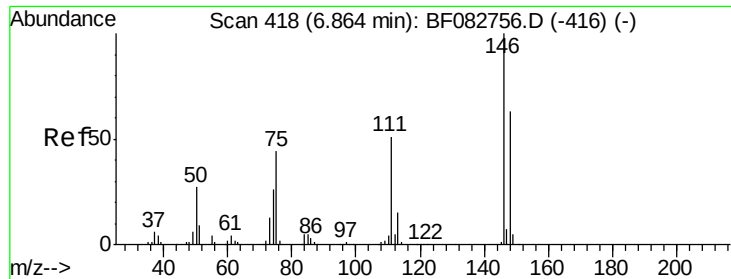
Mmdadoda
11/9/2015 2:10:19 PM



#12
1,3-Dichlorobenzene
Concen: 31.81 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
75	41.6	39.5	59.3





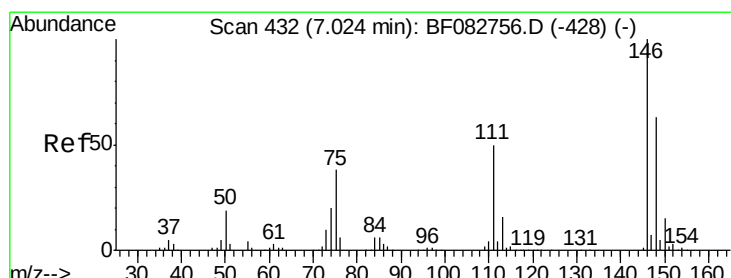
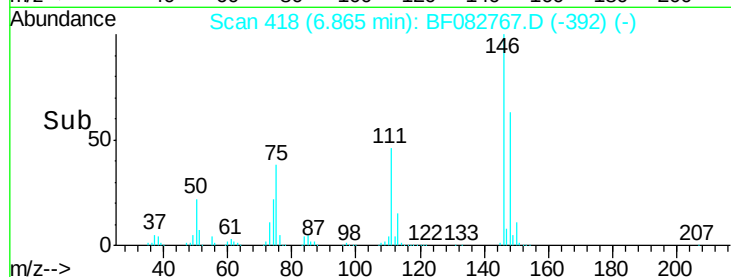
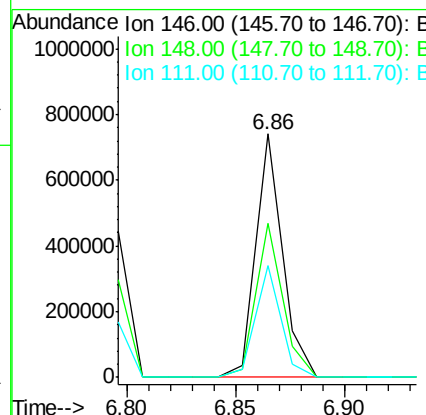
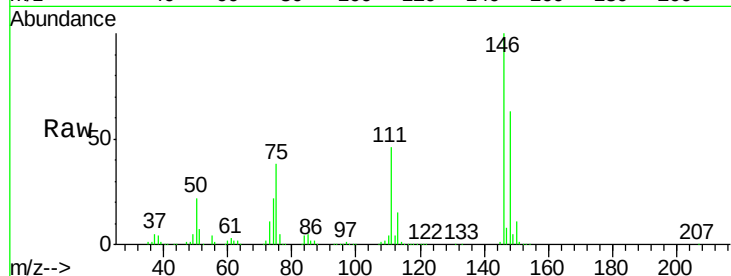
#13
1,4-Dichlorobenzene
Concen: 30.73 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	45.9	40.6	60.8

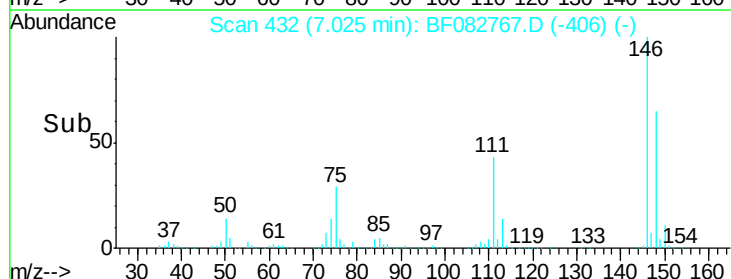
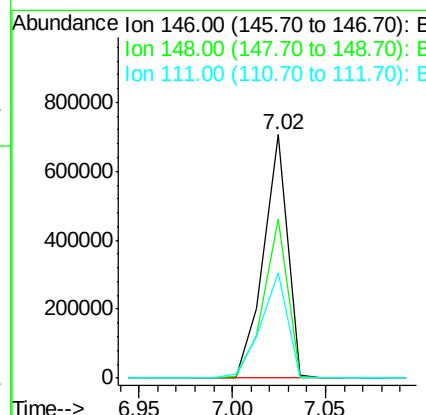
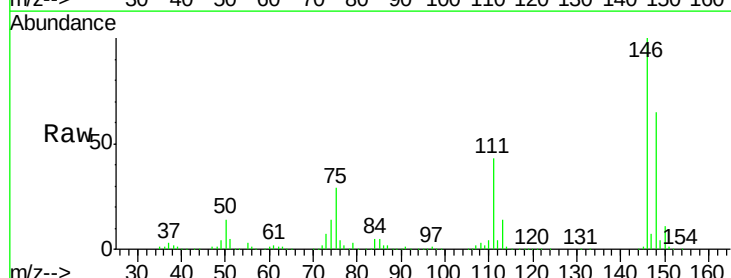
Manual Integrations
APPROVED

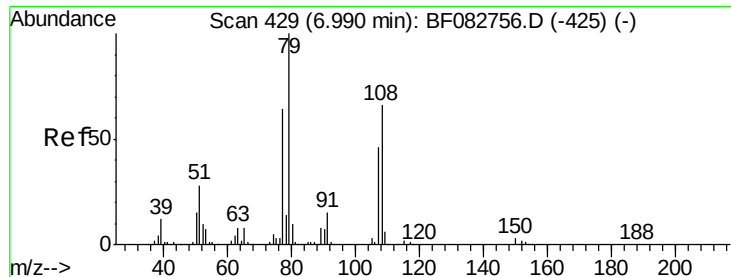
Mmdadoda
11/9/2015 2:10:19 PM



#14
1,2-Dichlorobenzene
Concen: 33.65 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	43.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 30.86 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion: 79 Resp: 568732

Ion Ratio Lower Upper

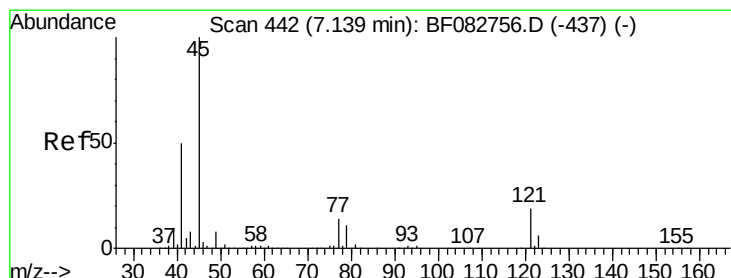
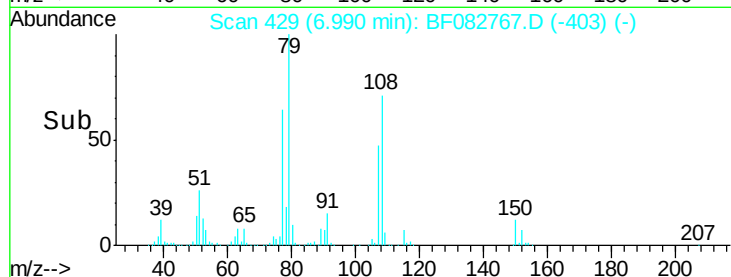
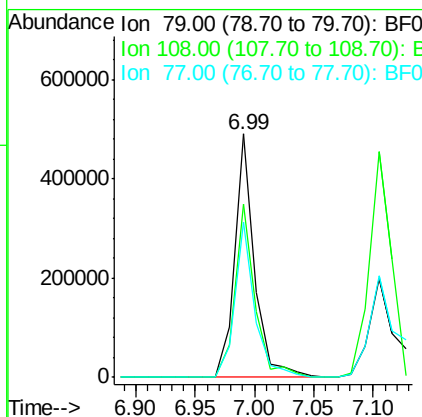
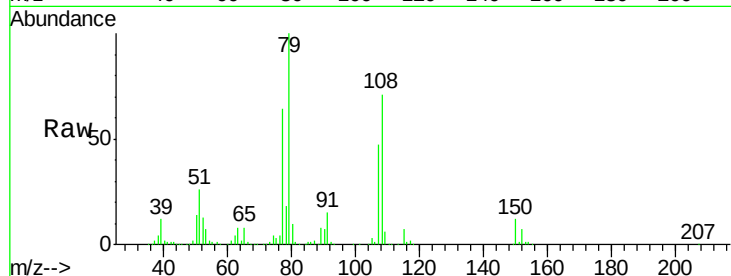
79 100

108 71.0 52.2 78.4

77 63.5 52.7 79.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:19 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.84 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

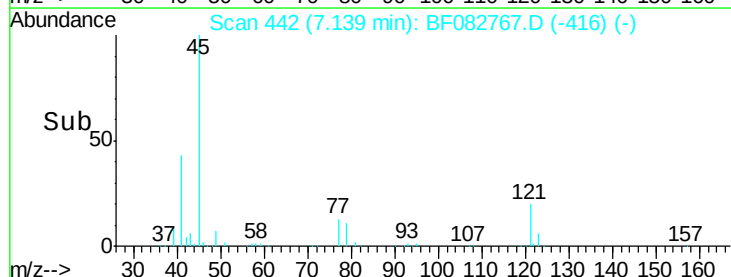
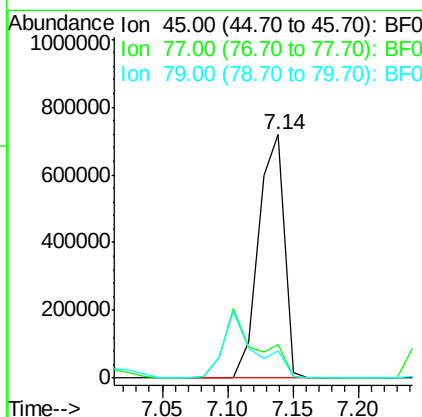
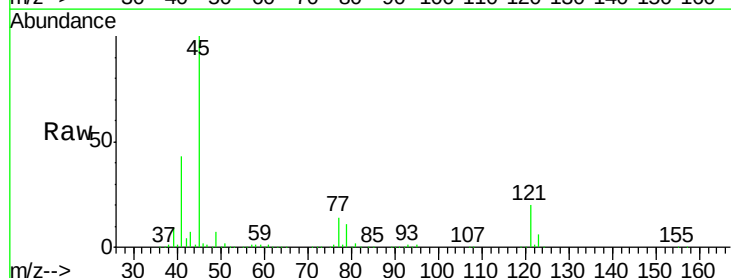
Tgt Ion: 45 Resp: 988388

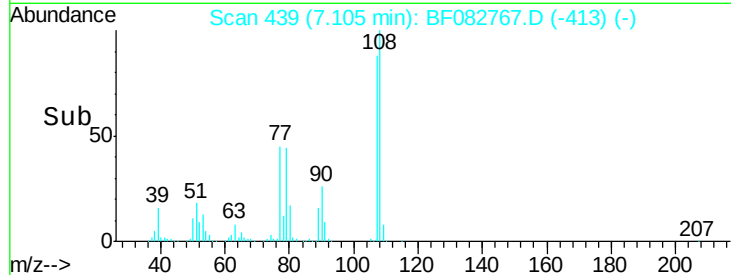
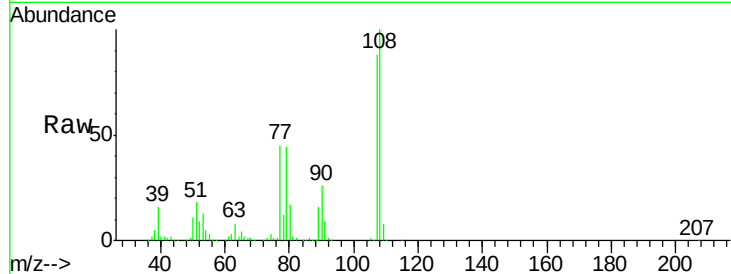
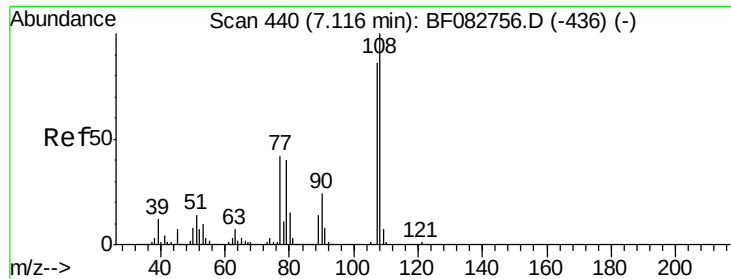
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.6

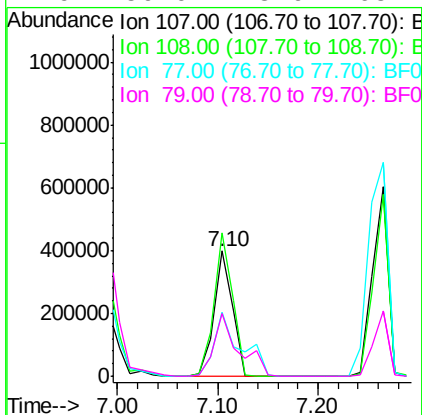
79 11.5 0.0 29.2





#17
2-Methylphenol
Concen: 33.97 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

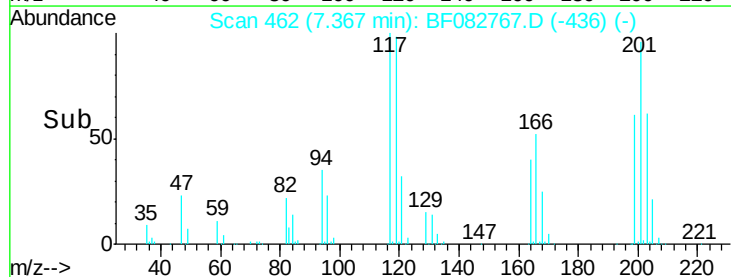
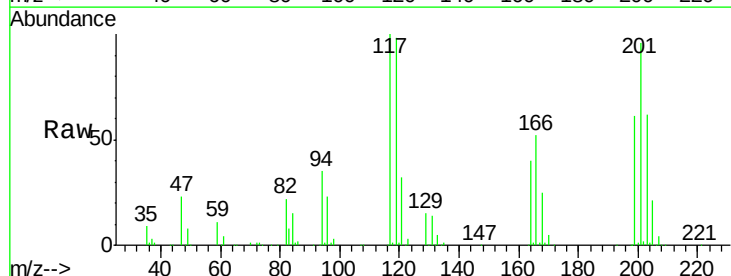
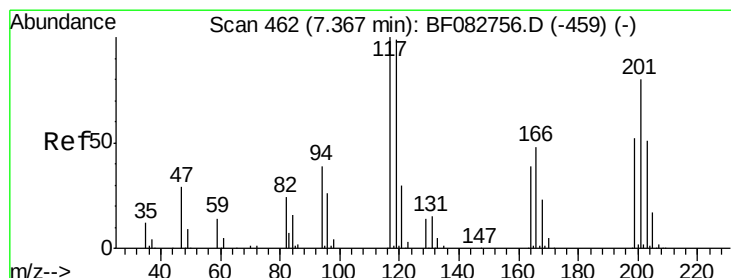
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.0	139.4	
77	51.4	44.1	66.1	
79	50.0	43.6	65.4	



Instrument :
BNA_F
ClientSampleId :
PB86432BS

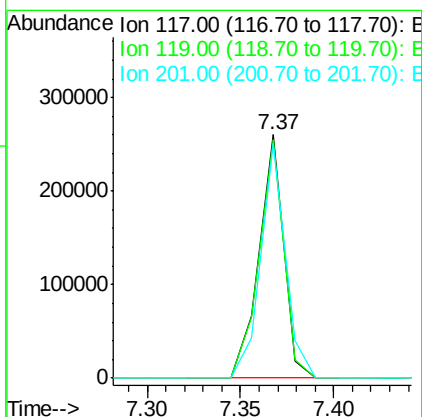
Manual Integrations
APPROVED

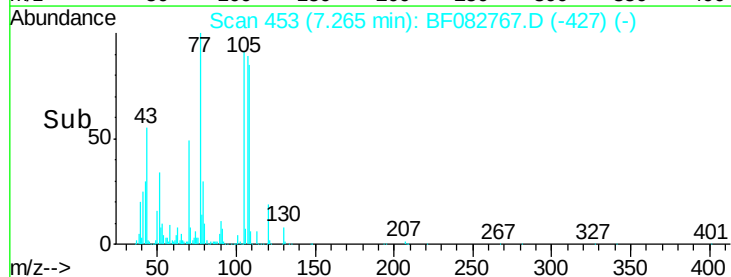
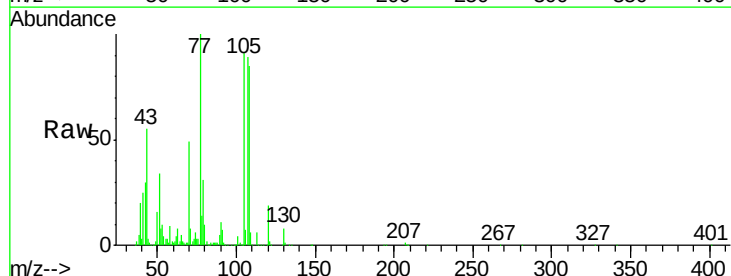
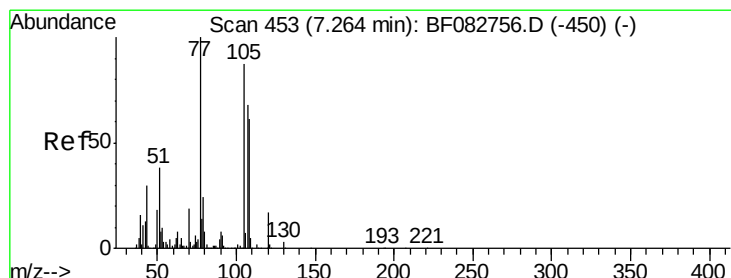
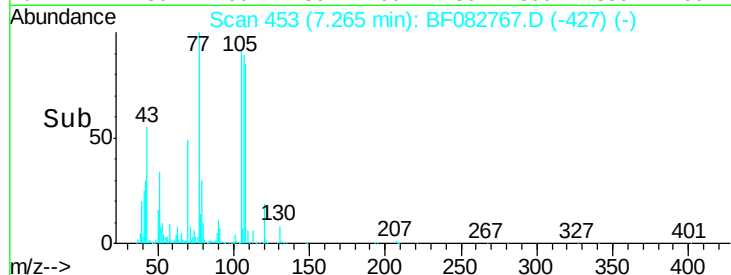
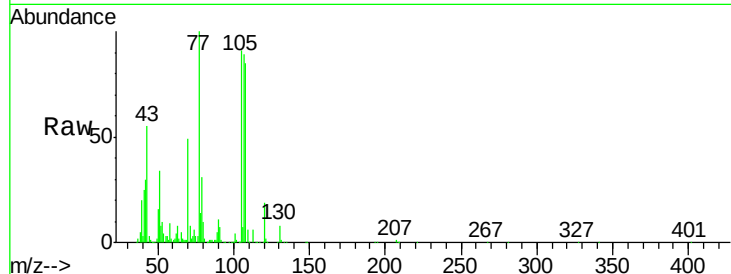
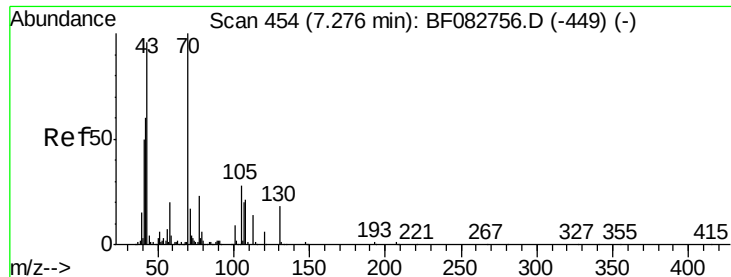
Mmdadoda
11/9/2015 2:10:19 PM



#18
Hexachloroethane
Concen: 32.31 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

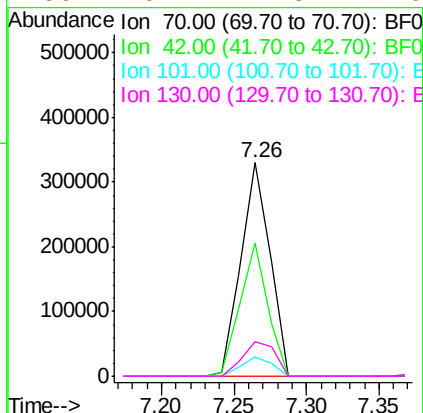
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.7	116.5	
201	96.2	66.7	100.1	





#19
n-Nitroso-di-n-propylamine
Concen: 29.65 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		457366		
42	62.4	57.7	86.5		
101	8.8	7.0	10.6		
130	16.2	11.8	17.6		



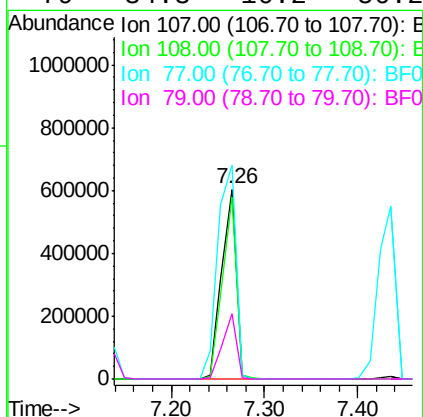
Instrument :
BNA_F
ClientSampleId :
PB86432BS

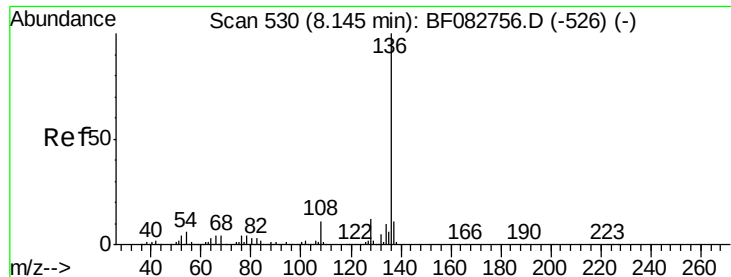
Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:19 PM

#20
3+4-Methylphenols
Concen: 33.72 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		649831		
108	95.9	67.3	107.3		
77	112.5	100.3	140.3		
79	34.3	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: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

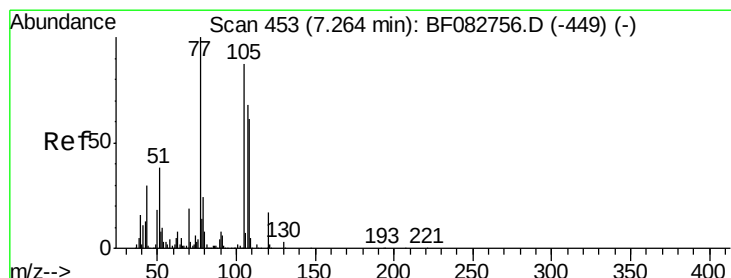
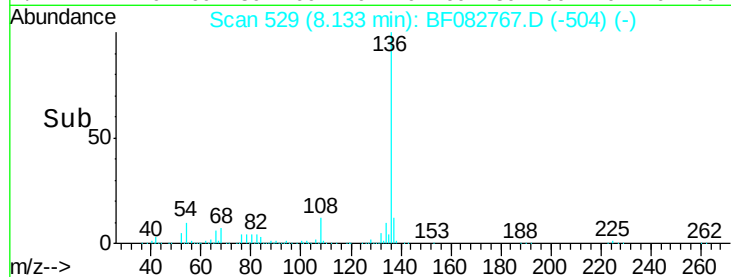
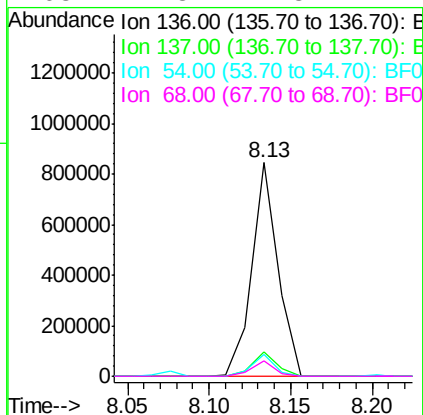
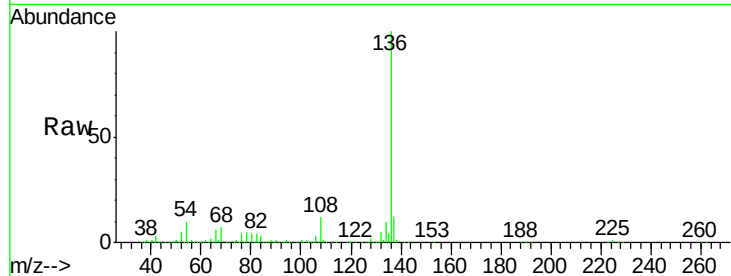
ClientSampleId :

PB86432BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.5		9.1	13.7	
54	10.2		9.1	13.7	
68	7.3		4.8	7.2#	

Manual Integrations
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Mmdadoda
11/9/2015 2:10:19 PM



#22

Acetophenone

Concen: 32.22 ng

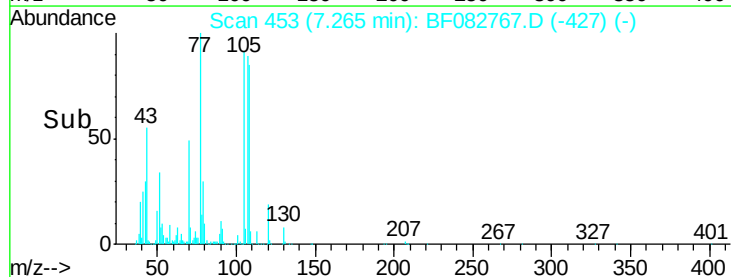
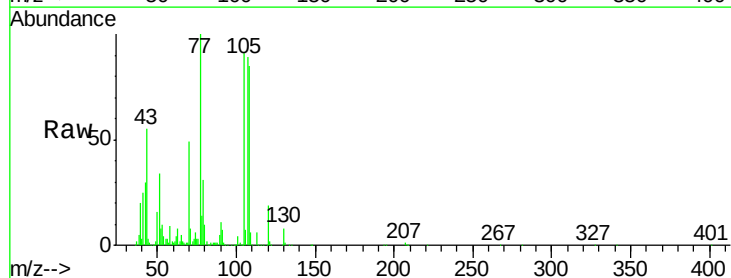
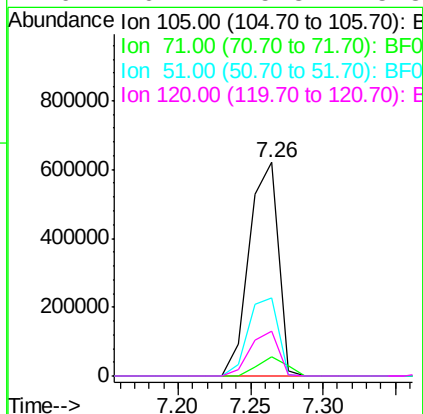
RT: 7.26 min Scan# 453

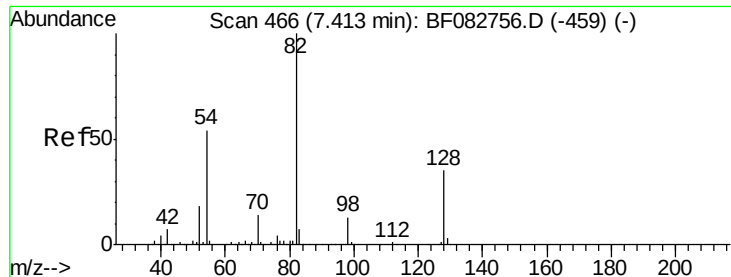
Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.9		5.6	8.4#	
51	36.8		24.9	37.3	
120	20.7		15.8	23.8	





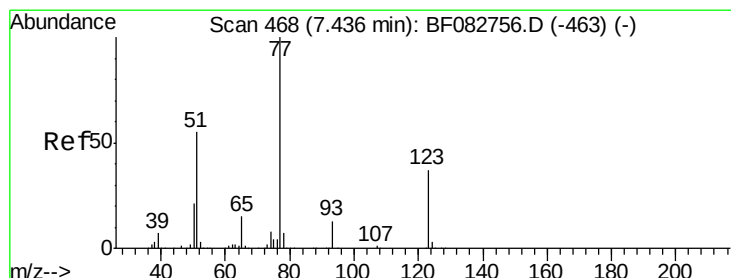
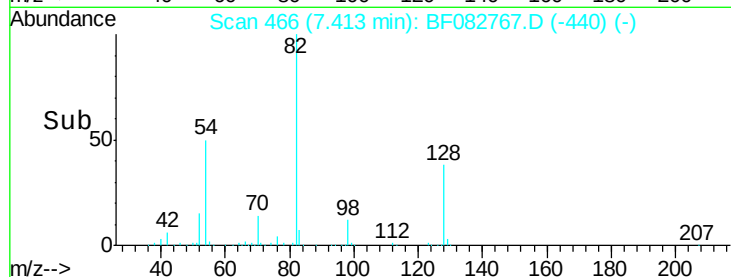
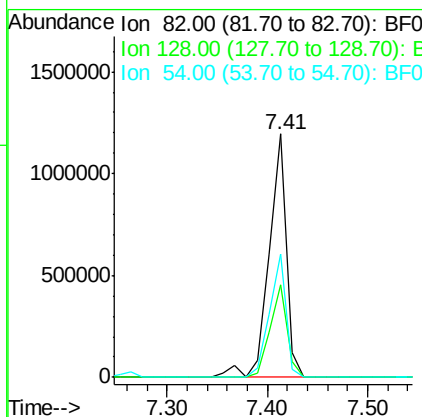
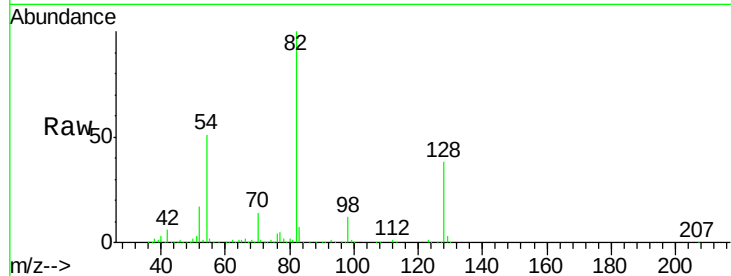
#23
 Nitrobenzene-d5
 Concen: 66.58 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tot Ion: 82 Resp: 1426881
 Ion Ratio Lower Upper
 82 100
 128 38.2 26.8 40.2
 54 50.7 45.7 68.5

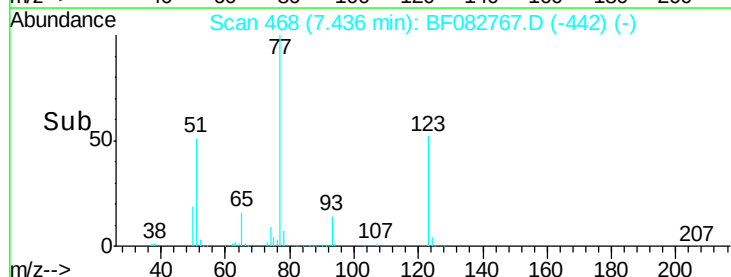
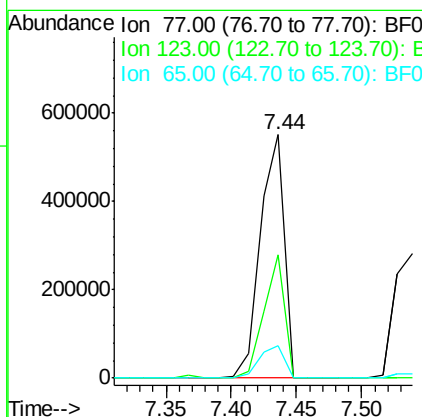
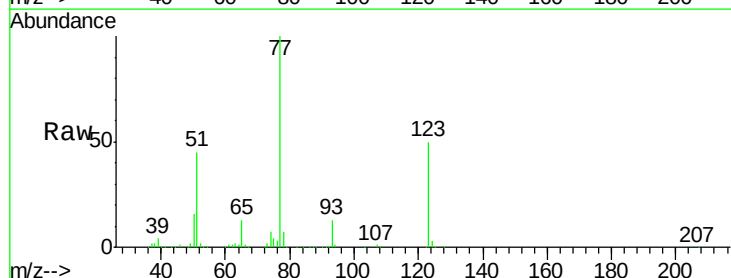
Manual Integrations
 APPROVED

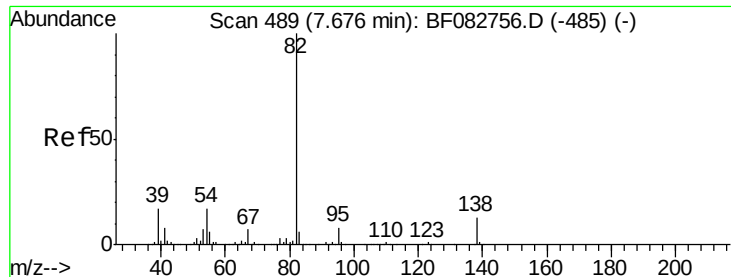
Mmdadoda
 11/9/2015 2:10:19 PM



#24
 Nitrobenzene
 Concen: 32.13 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion: 77 Resp: 704145
 Ion Ratio Lower Upper
 77 100
 123 50.5 36.4 54.6
 65 13.1 11.5 17.3





#25

Isophorone

Concen: 32.79 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion: 82 Resp: 1299965

Ion Ratio Lower Upper

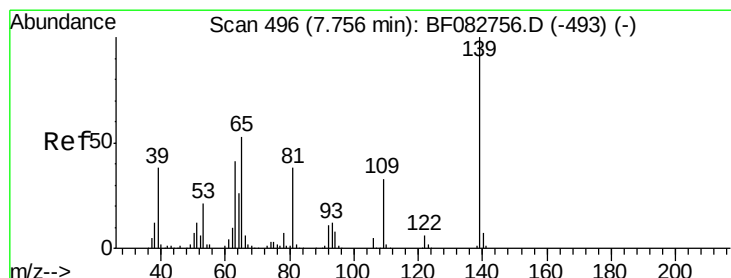
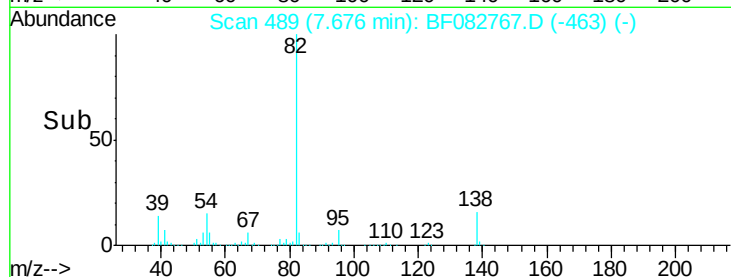
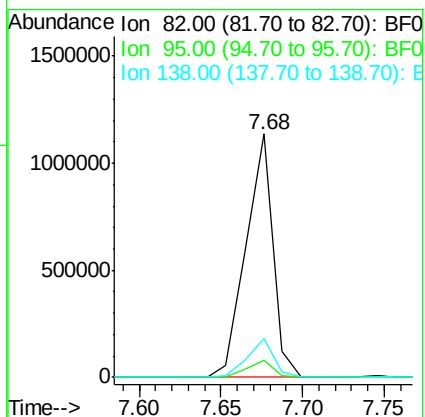
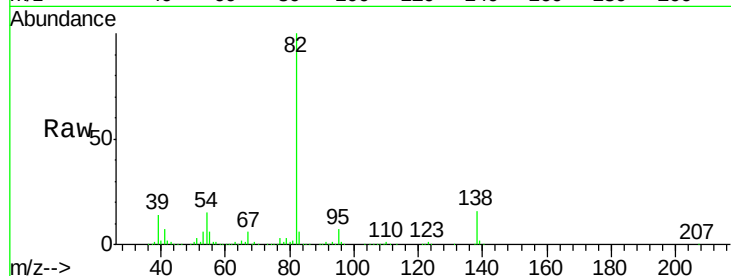
82 100

95 7.1 6.6 9.8

138 15.9 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:19 PM



#26

2-Nitrophenol

Concen: 33.76 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

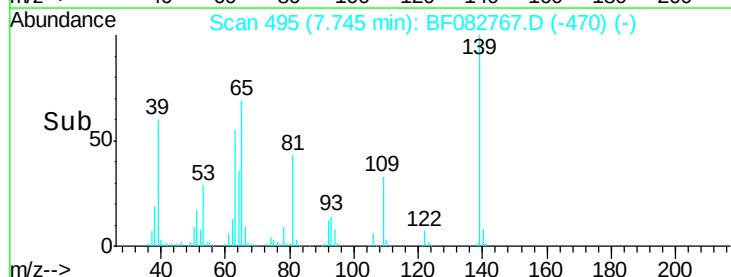
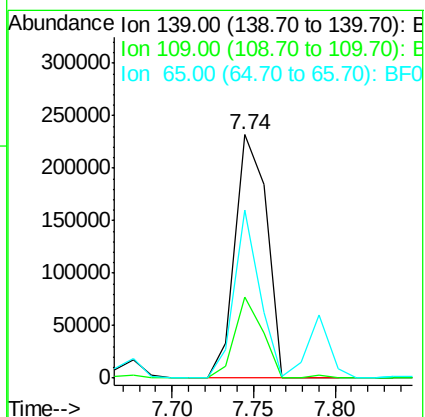
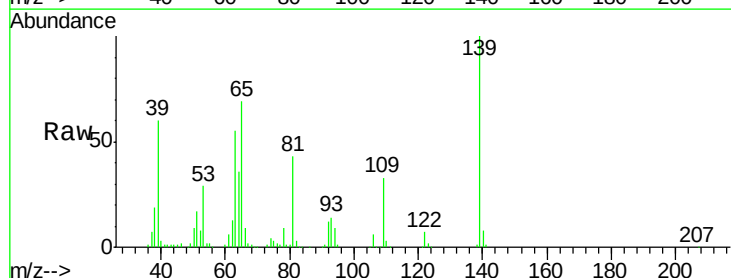
Tgt Ion: 139 Resp: 308781

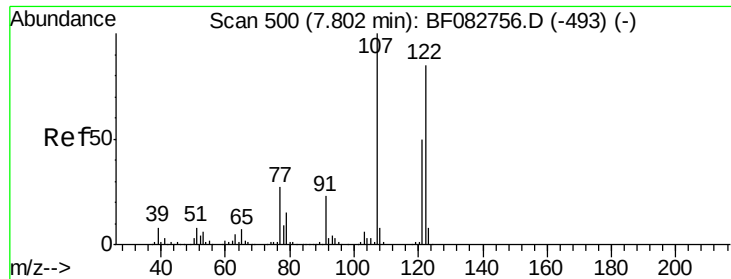
Ion Ratio Lower Upper

139 100

109 33.3 37.6 56.4#

65 69.2 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 33.33 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

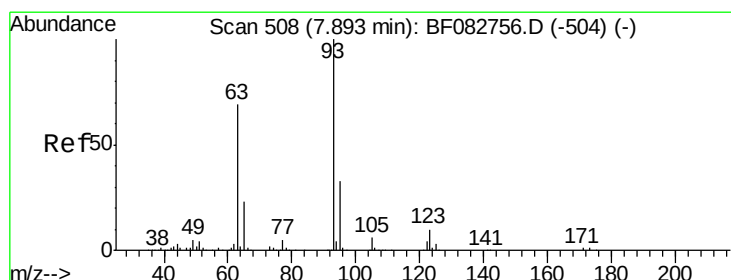
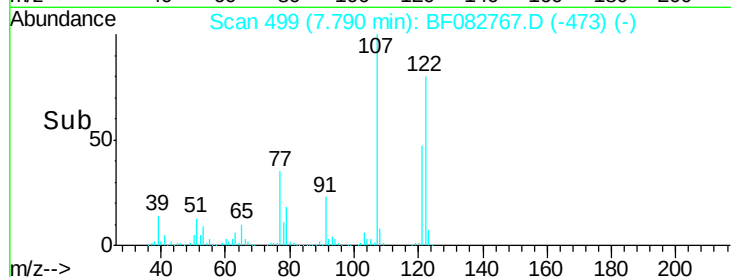
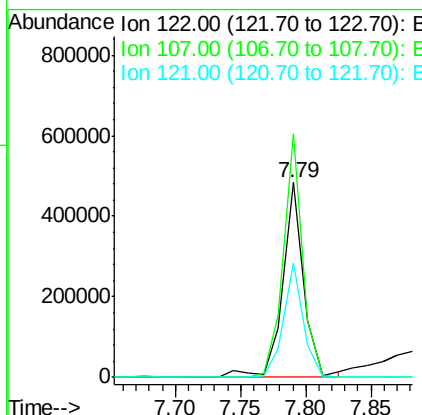
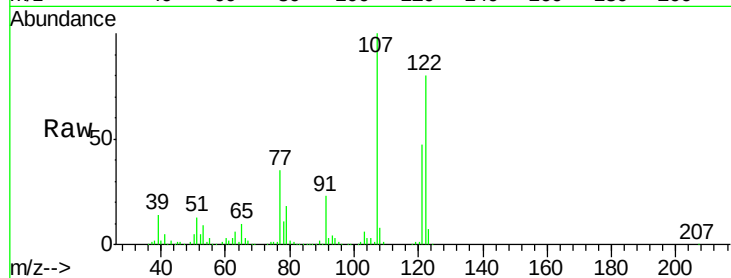
ClientSampleId :

PB86432BS

Tot Ion:	122	Resp:	547742
Ion Ratio	Lower	Upper	
122	100		
107	125.0	106.0	159.0
121	58.7	46.7	70.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:10:19 PM



#28

bis(2-Chloroethoxy)methane

Concen: 34.91 ng

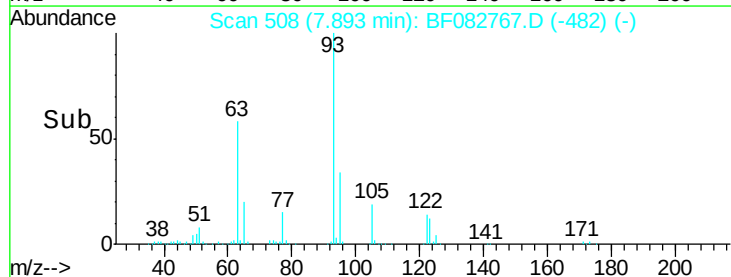
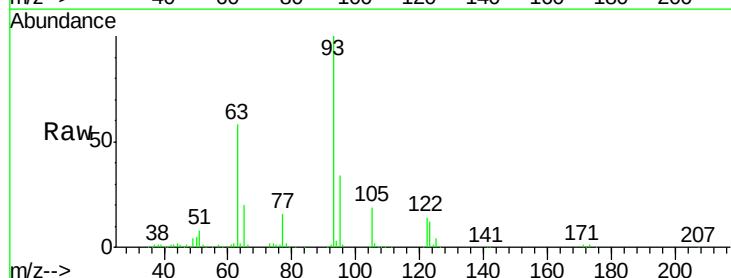
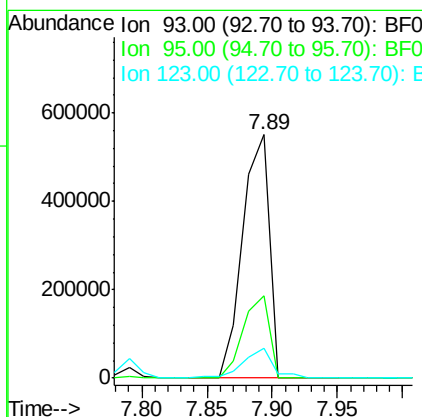
RT: 7.89 min Scan# 508

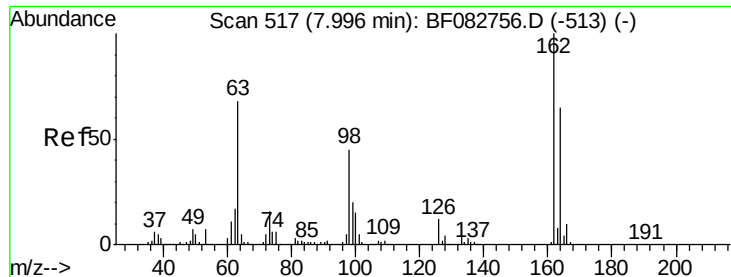
Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion:	93	Resp:	780842
Ion Ratio	Lower	Upper	
93	100		
95	34.0	26.6	40.0
123	12.4	9.7	14.5





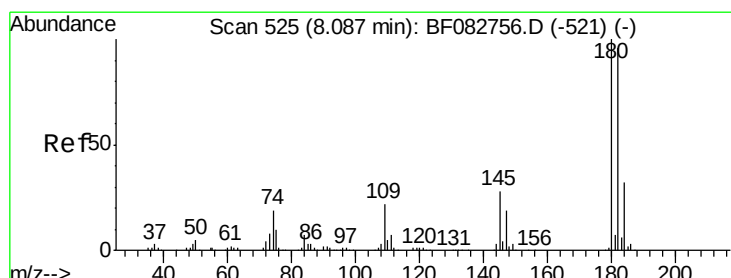
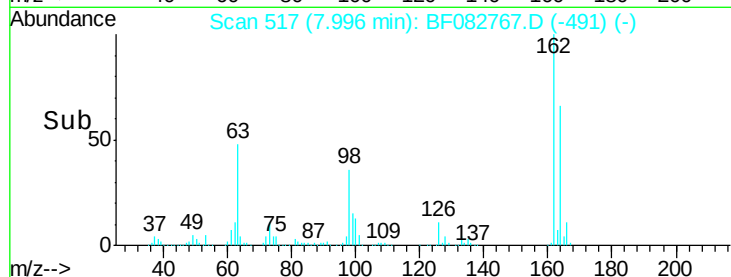
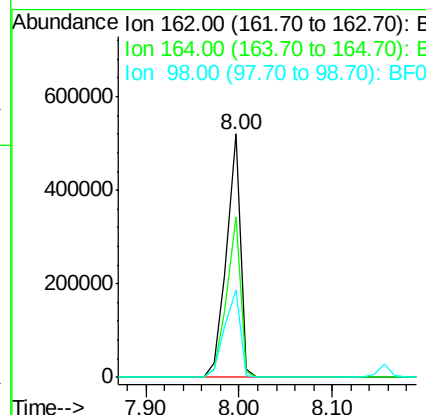
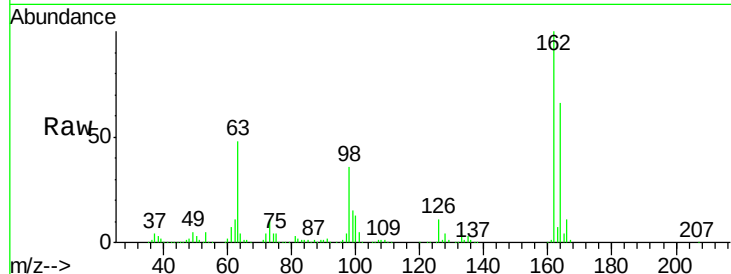
#29
2,4-Dichlorophenol
Concen: 36.47 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	541743		
164	66.1	46.8	86.8	
98	36.2	12.5	52.5	

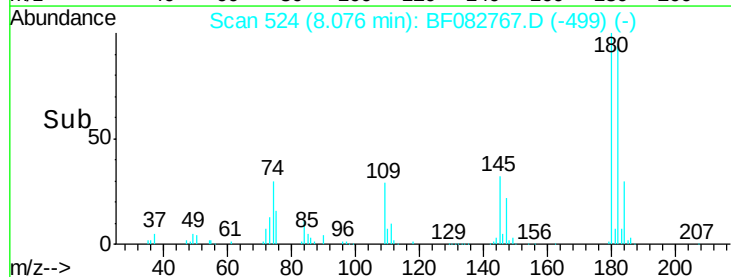
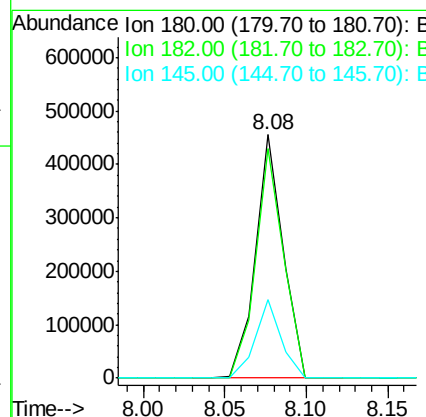
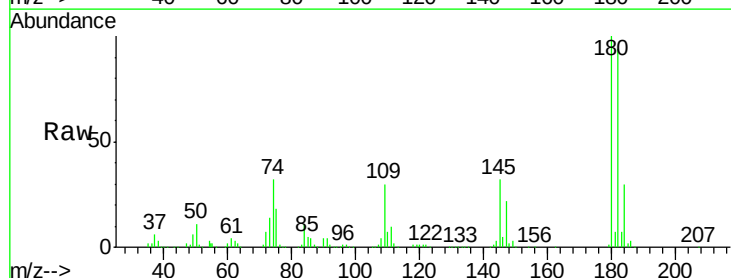
Manual Integrations
APPROVED

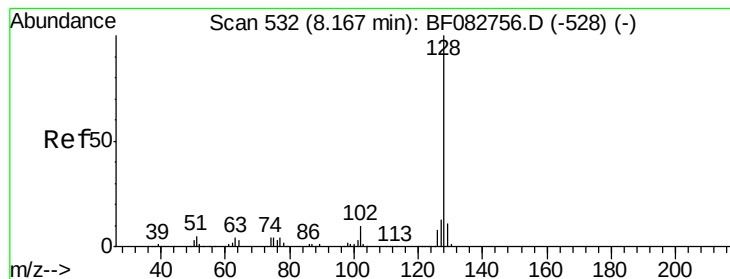
Mmdadoda
11/9/2015 2:10:19 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.99 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	534336		
182	94.3	74.9	112.3	
145	32.3	27.8	41.8	





#31

Naphthalene

Concen: 31.61 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion:128 Resp: 1626169

Ion Ratio Lower Upper

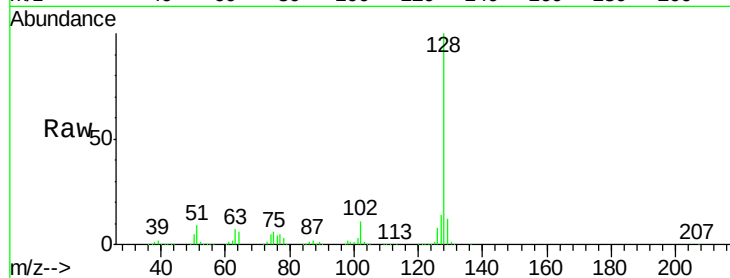
128 100

129 11.9 9.5 14.3

127 13.8 11.4 17.0

Manual Integrations
APPROVED

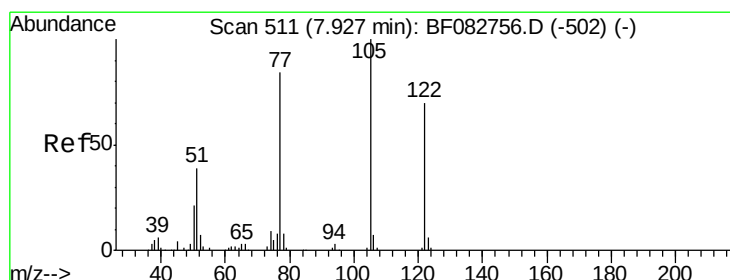
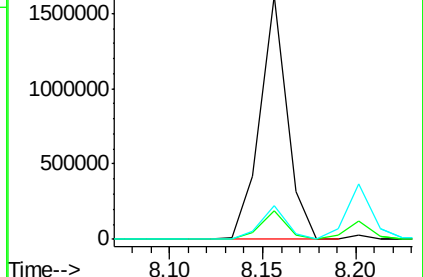
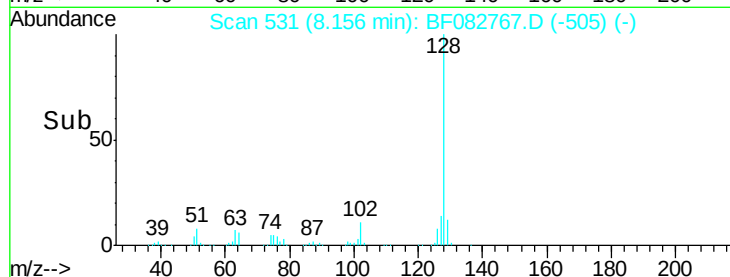
Mmdadoda
11/9/2015 2:10:19 PM



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: 33.59 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

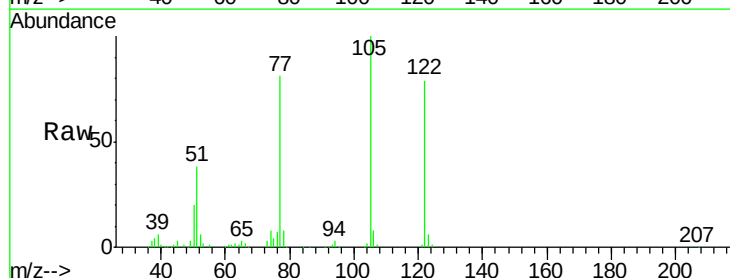
Tgt Ion:122 Resp: 378034

Ion Ratio Lower Upper

122 100

105 126.2 122.6 162.6

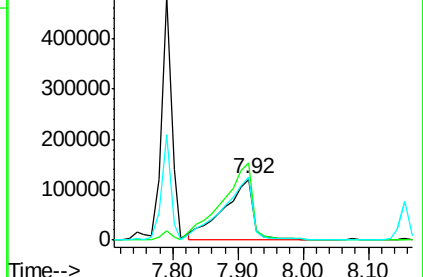
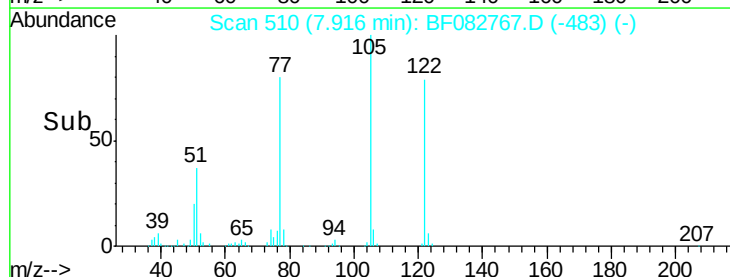
77 102.6 100.9 140.9

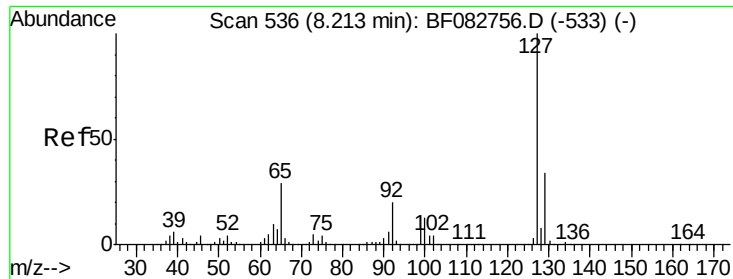


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





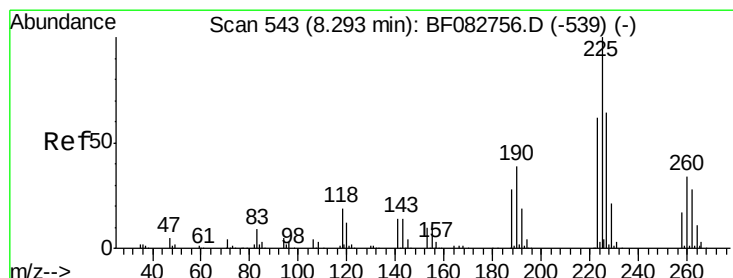
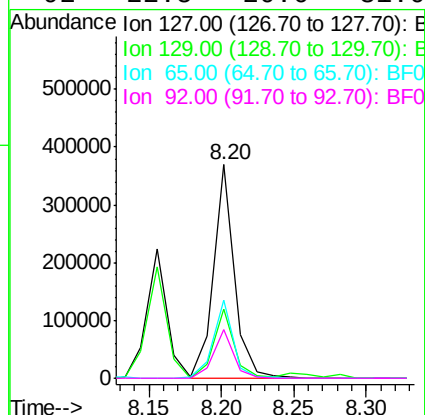
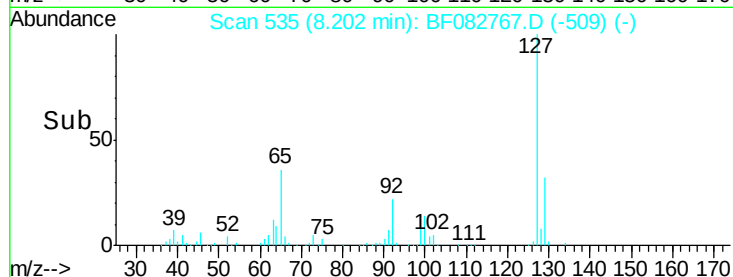
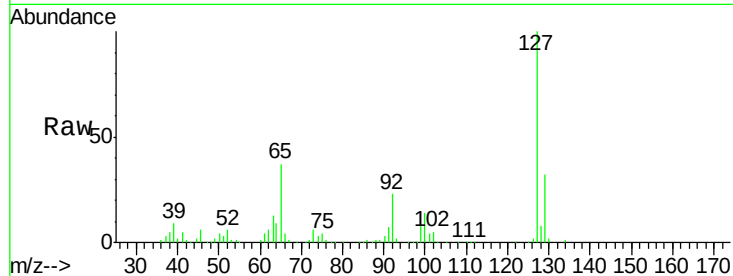
#33
4-Chloroaniline
Concen: 16.59 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampled :
PB86432BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.3	39.5		
65	36.8	37.8	56.8		
92	22.5	20.6	31.0		

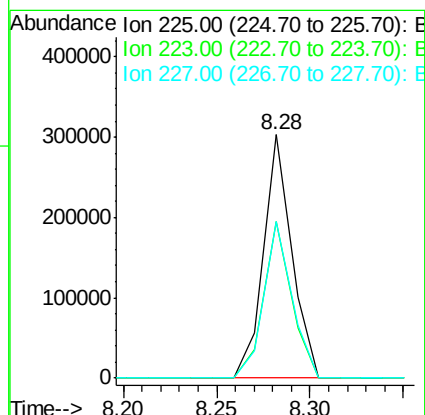
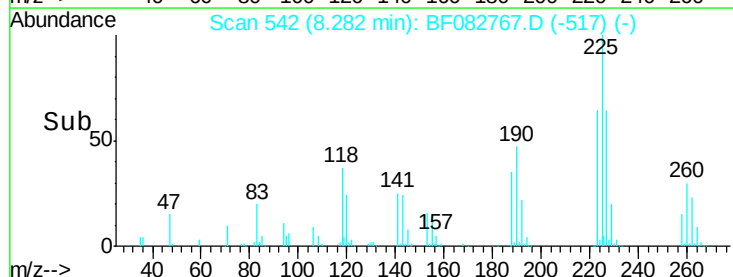
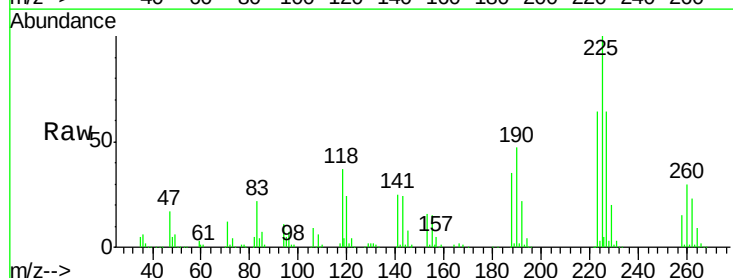
Manual Integrations
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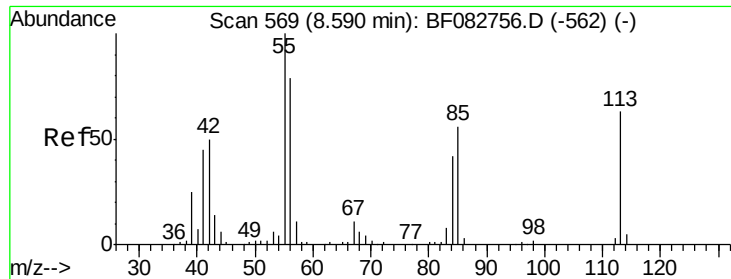
Mmdadoda
11/9/2015 2:10:19 PM



#34
Hexachlorobutadiene
Concen: 30.26 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.5	75.7		
227	64.2	50.2	75.2		





#35

Caprolactam

Concen: 38.25 ng/ml

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

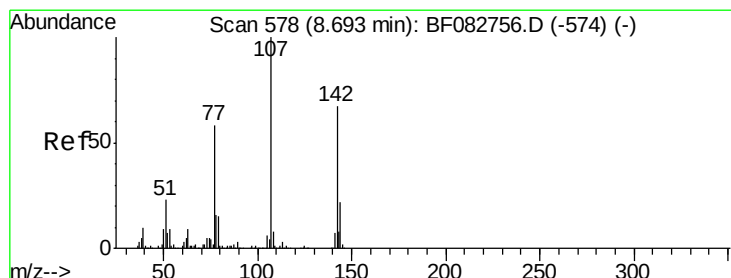
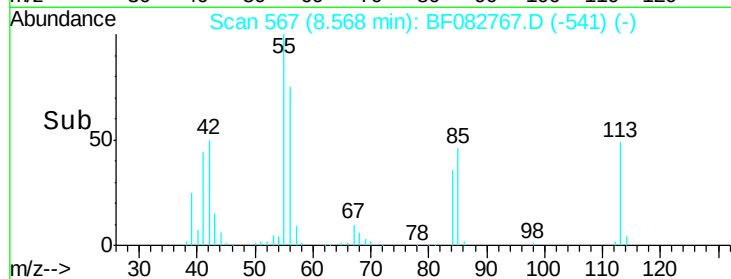
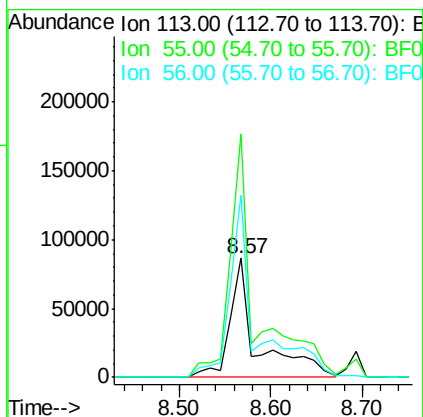
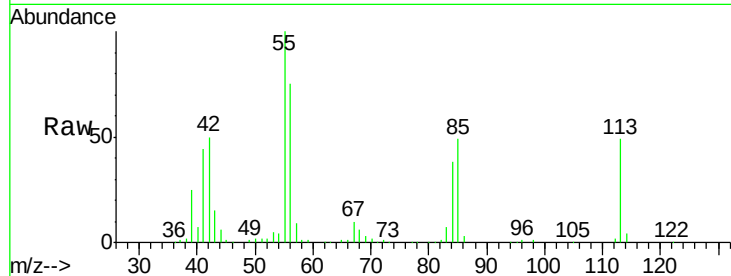
ClientSampleID :

PB86432BS

Tot Ion:	113	Resp:	179151
Ion Ratio	Lower	Upper	
113	100		
55	204.6	195.5	235.5
56	153.3	153.5	193.5#

Manual Integrations
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11/9/2015 2:10:19 PM



#36

4-Chloro-3-methylphenol

Concen: 35.56 ng/ml

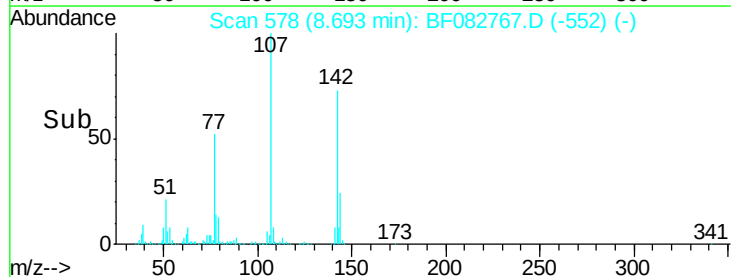
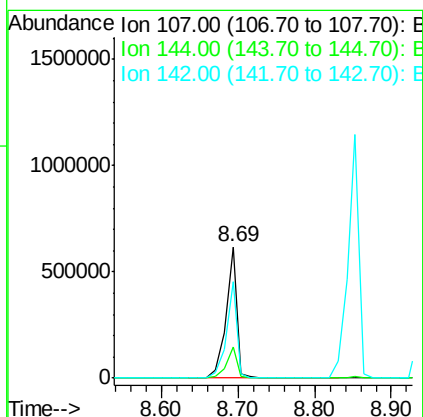
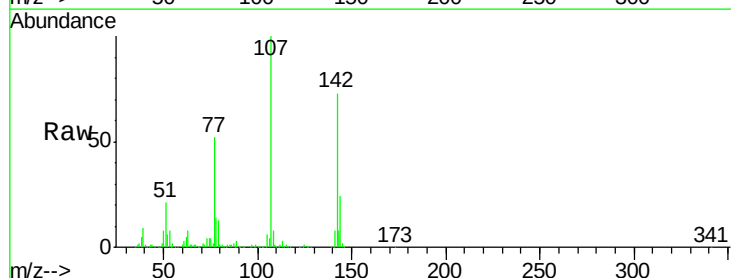
RT: 8.69 min Scan# 578

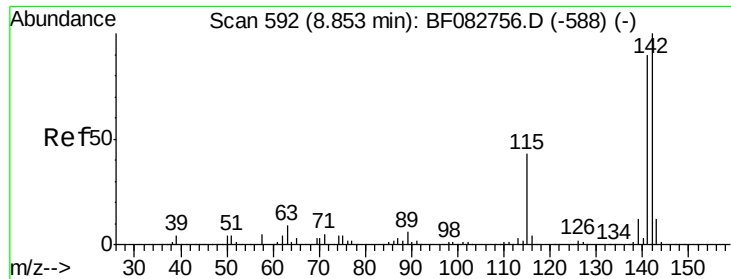
Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion:	107	Resp:	621130
Ion Ratio	Lower	Upper	
107	100		
144	24.0	15.4	23.0#
142	72.9	47.8	71.8#





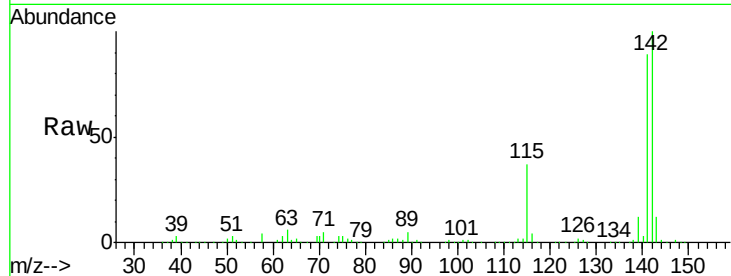
#37
2-Methylnaphthalene
Concen: 35.25 ng m
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	37.5	38.1	57.1

Manual Integrations
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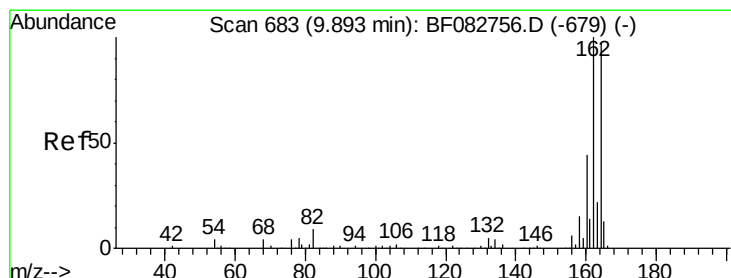
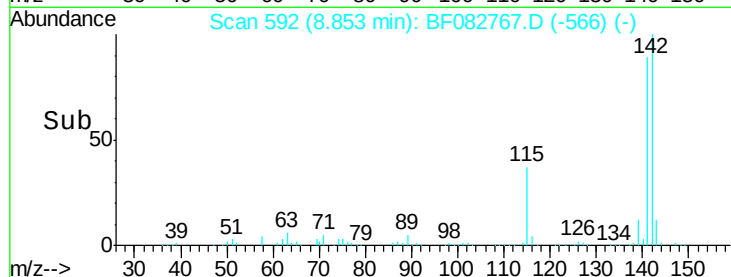
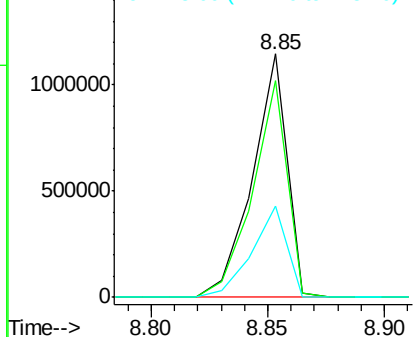


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

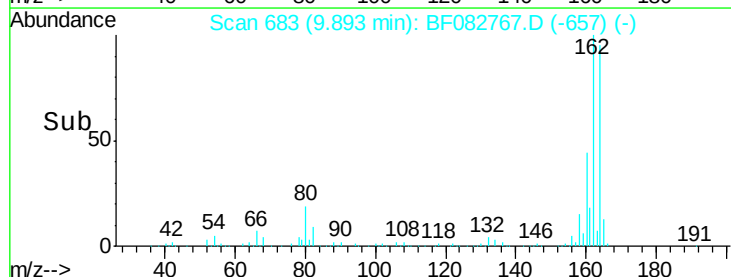
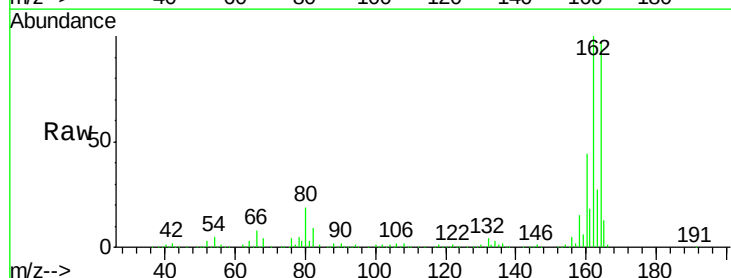
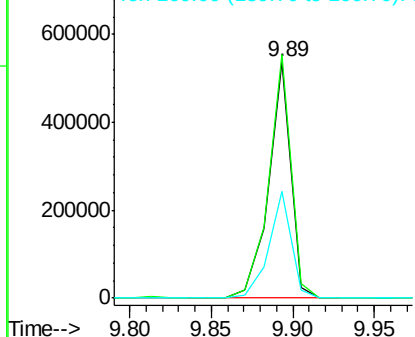
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.9	127.3
160	45.3	37.5	56.3

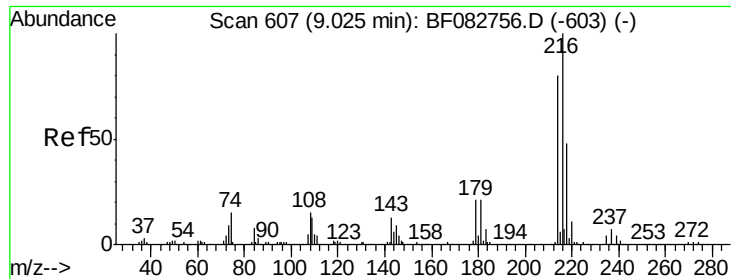
Abundance

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: 30.89 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082767.D

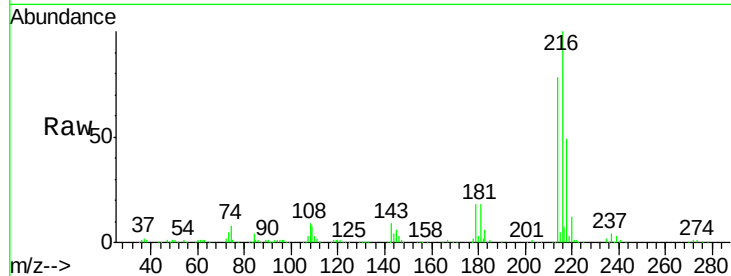
Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

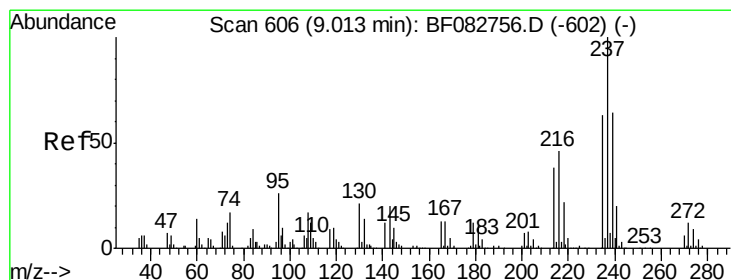
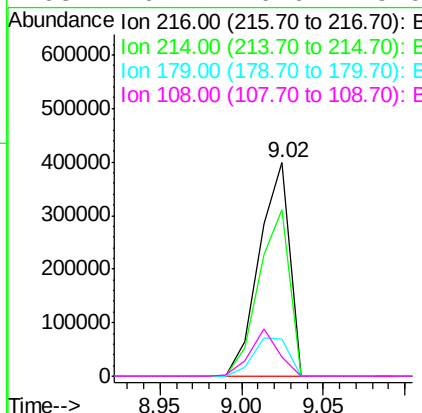
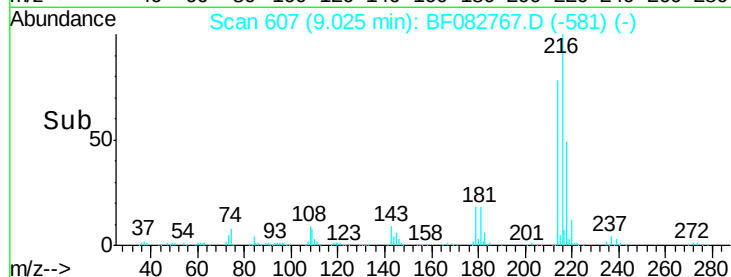
PB86432BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
514437	216	100			
	214	79.3	62.2	93.2	
	179	21.1	18.1	27.1	
	108	20.7	16.6	25.0	

Manual Integrations
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11/9/2015 2:10:19 PM



#40

Hexachlorocyclopentadiene

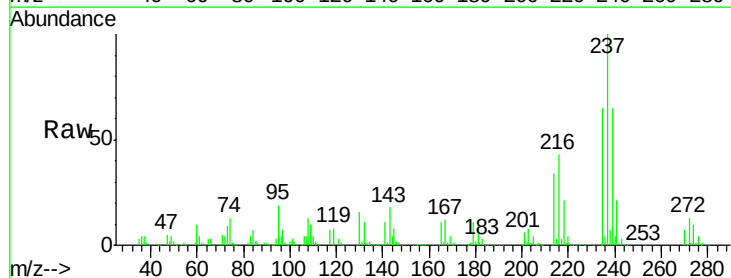
Concen: 72.72 ng

RT: 9.01 min Scan# 606

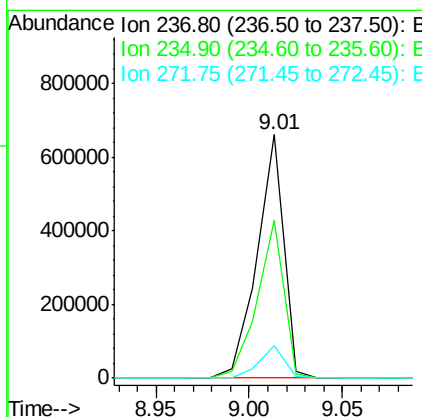
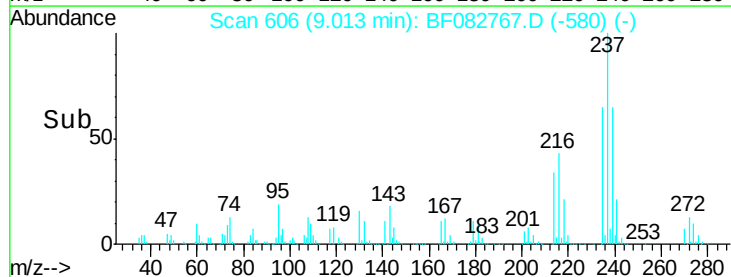
Delta R.T. 0.00 min

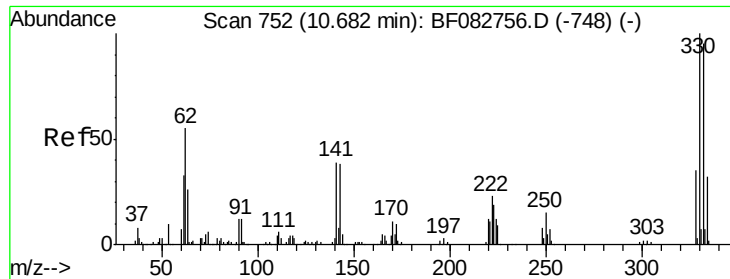
Lab File: BF082767.D

Acq: 6 Nov 2015 18:01



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
650664	237	100			
	235	65.0	44.3	84.3	
	272	13.4	0.0	31.9	





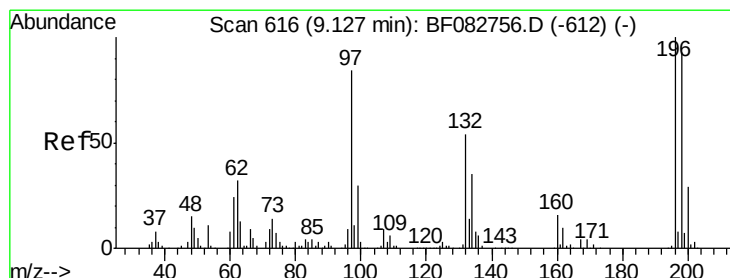
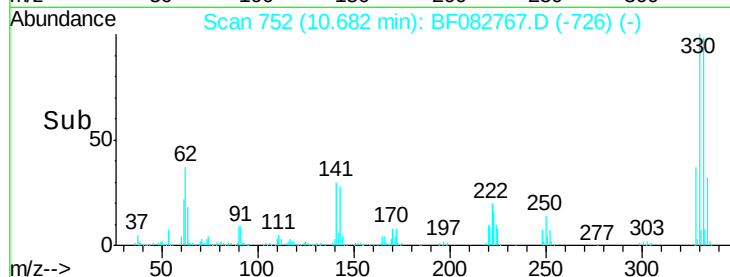
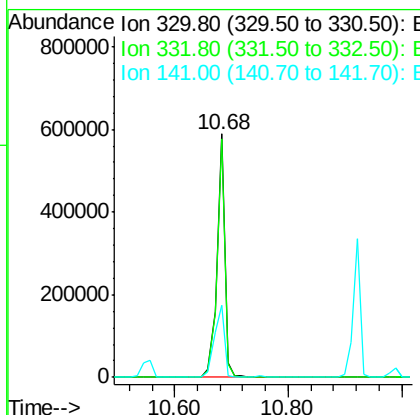
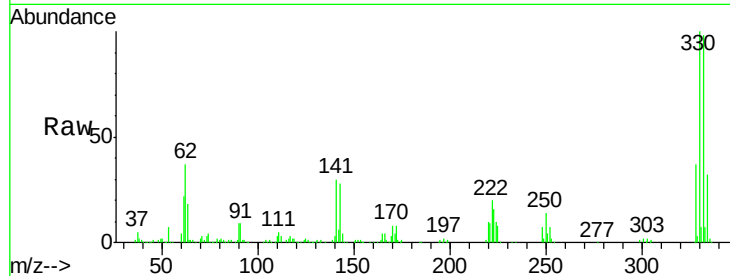
#41
 2,4,6-Tribromophenol
 Concen: 96.96 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	563384		
332	97.5	76.6	114.8	
141	37.2	41.2	61.8#	

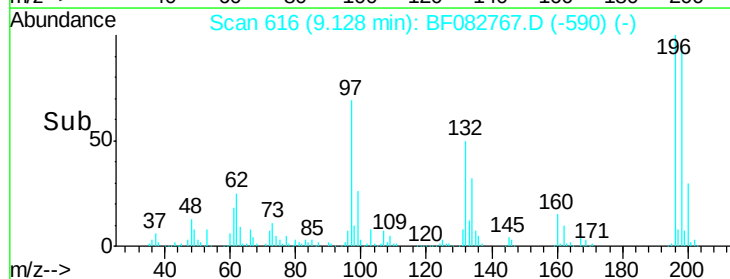
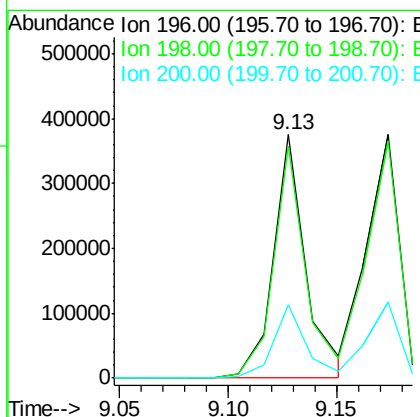
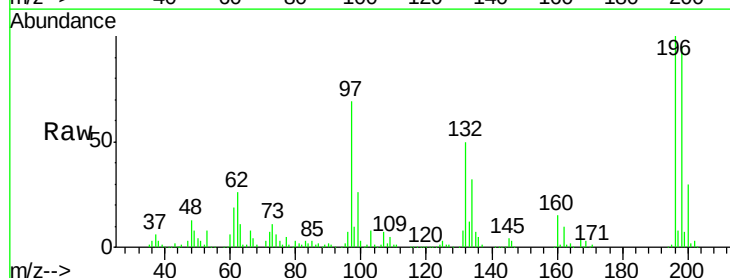
Manual Integrations
 APPROVED

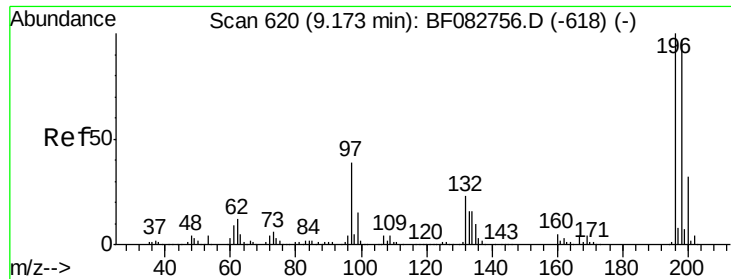
Mmdadoda
 11/9/2015 2:10:19 PM



#42
 2,4,6-Trichlorophenol
 Concen: 31.54 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	392087		
198	95.4	76.3	114.5	
200	30.1	23.9	35.9	





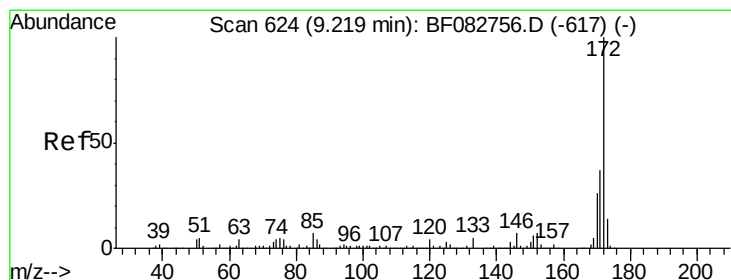
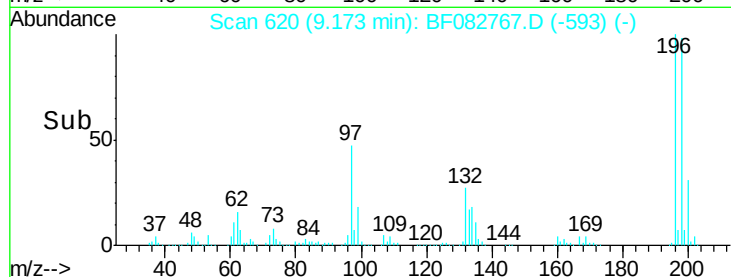
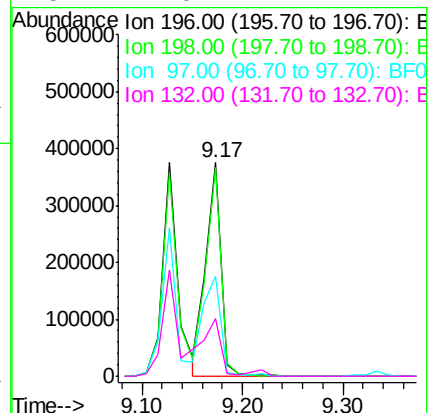
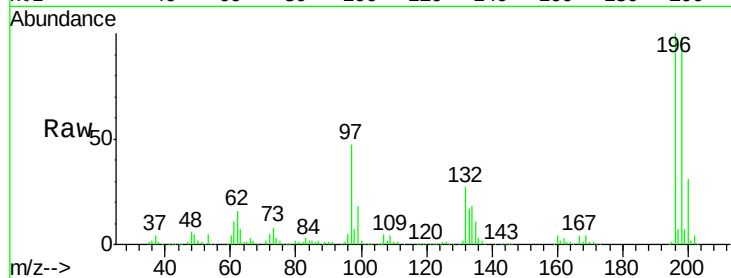
#43
 2,4,5-Trichlorophenol
 Concen: 32.27 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	396763		
198	97.7	75.8	113.8	
97	46.8	62.3	93.5	
132	27.0	27.4	41.2	

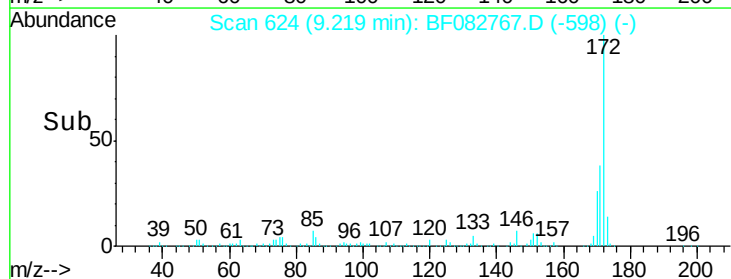
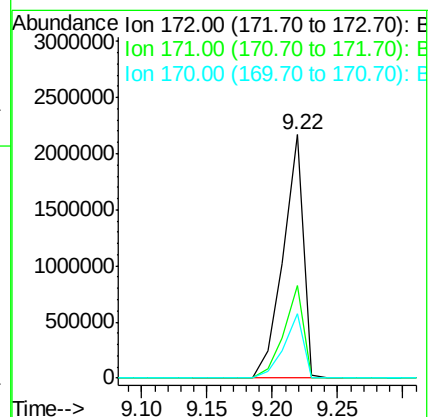
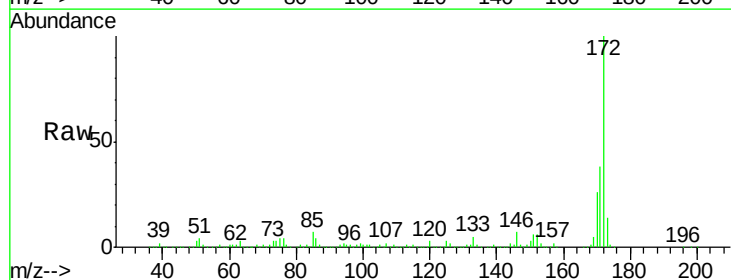
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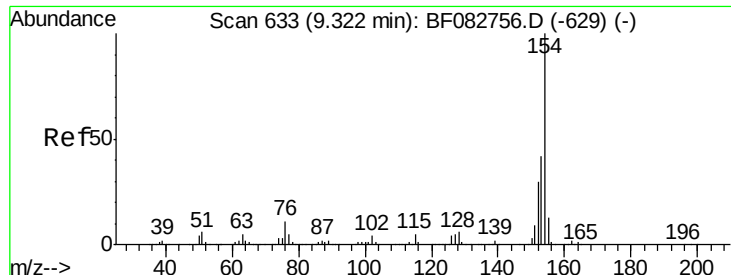
Mmdadoda
 11/9/2015 2:10:19 PM



#44
 2-Fluorobiphenyl
 Concen: 67.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2372619		
171	38.0	30.8	46.2	
170	26.3	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 29.84 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion:154 Resp: 1297629

Ion Ratio Lower Upper

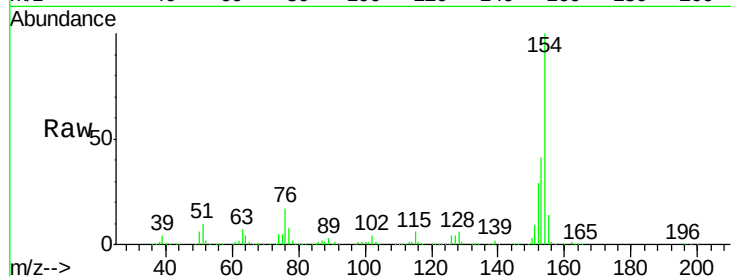
154 100

153 40.8 22.0 62.0

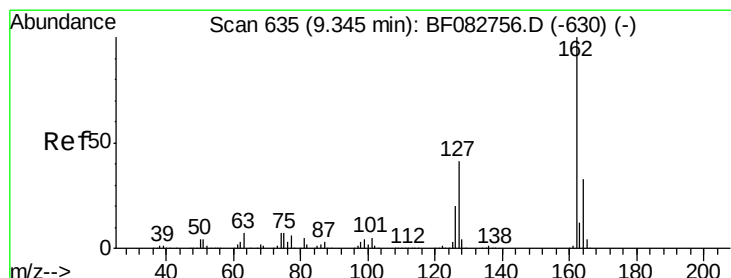
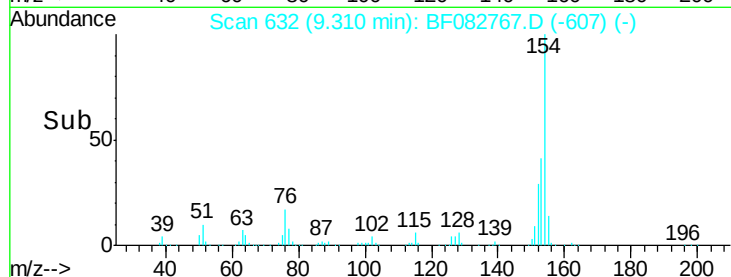
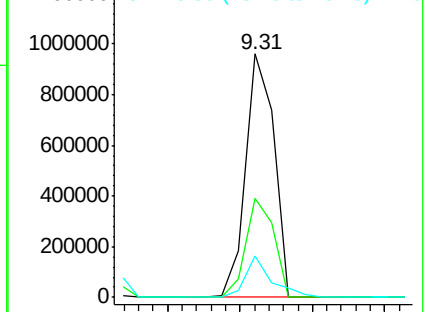
76 17.3 0.0 29.0

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Mmdadoda
11/9/2015 2:10:19 PM



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: 31.03 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

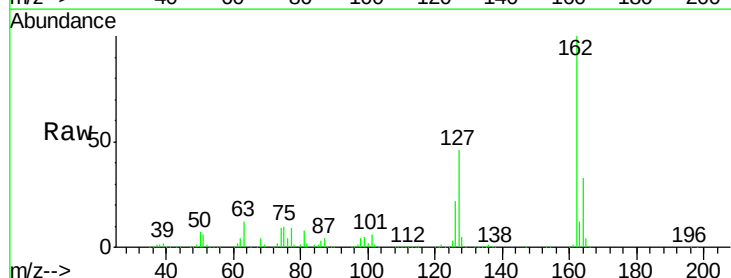
Tgt Ion:162 Resp: 1052699

Ion Ratio Lower Upper

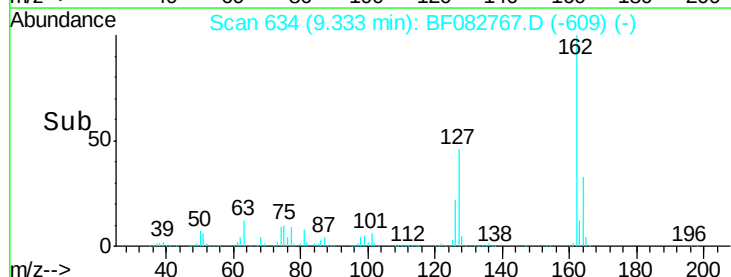
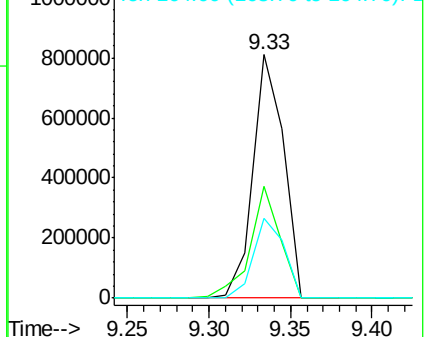
162 100

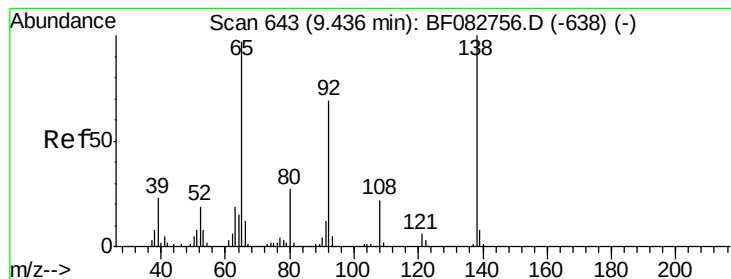
127 45.7 32.7 49.1

164 32.9 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





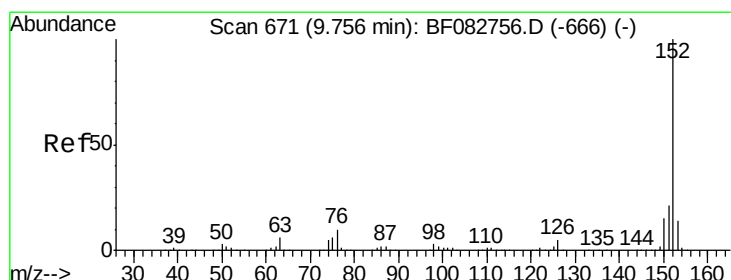
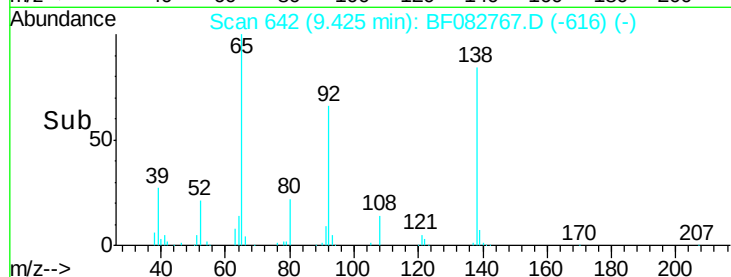
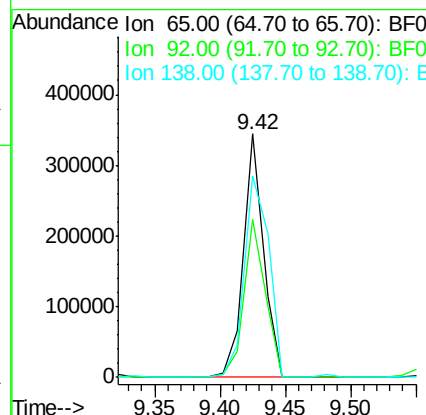
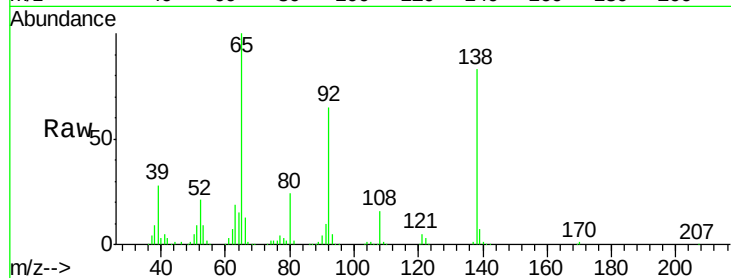
#47
2-Nitroaniline
Concen: 29.04 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.1	46.6	70.0	
138	82.8	54.6	81.8	

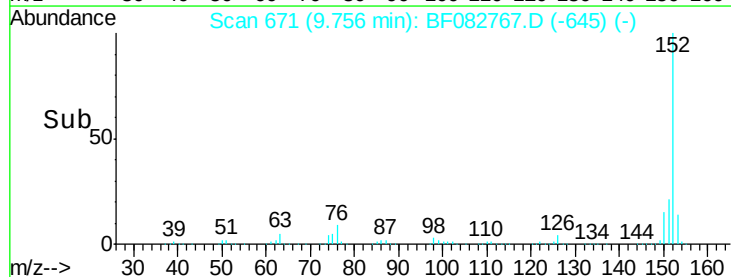
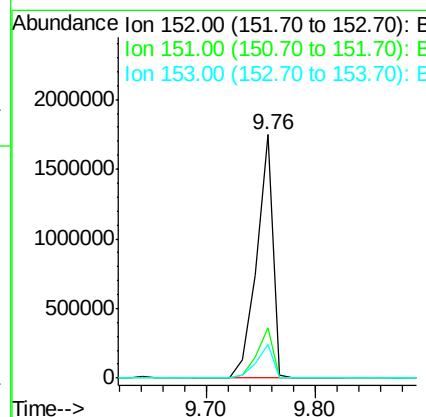
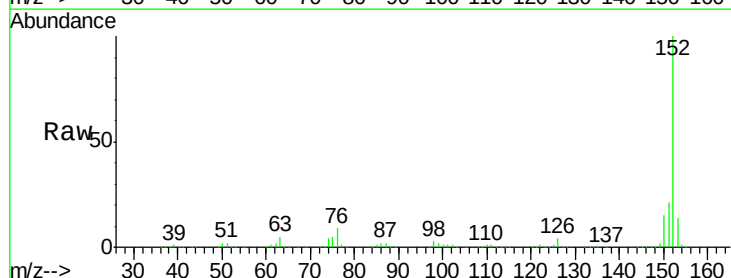
Manual Integrations
APPROVED

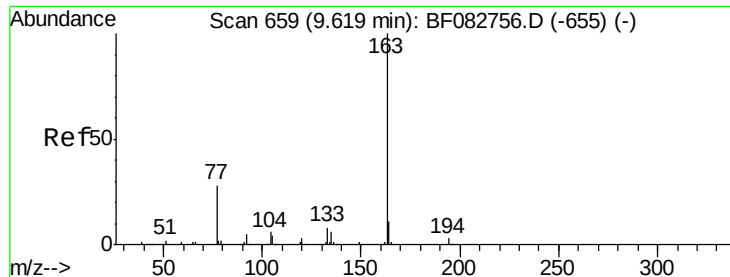
Mmdadoda
11/9/2015 2:10:19 PM



#48
Acenaphthylene
Concen: 34.18 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.7	17.3	25.9	
153	13.9	11.3	16.9	





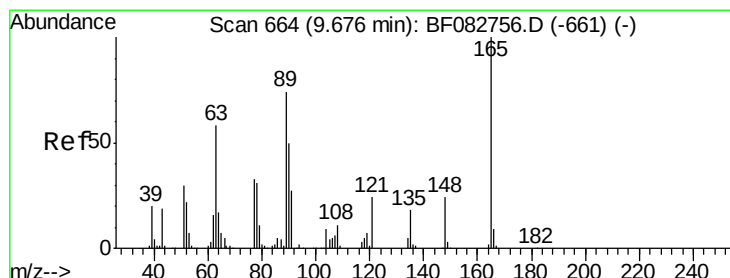
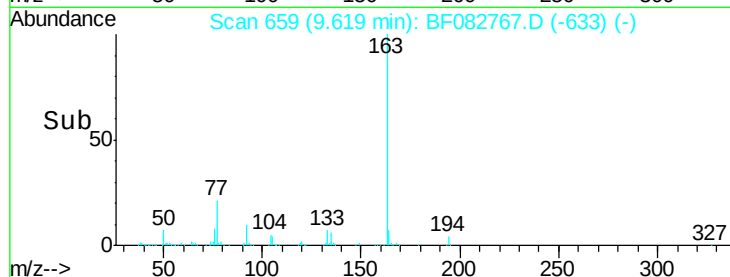
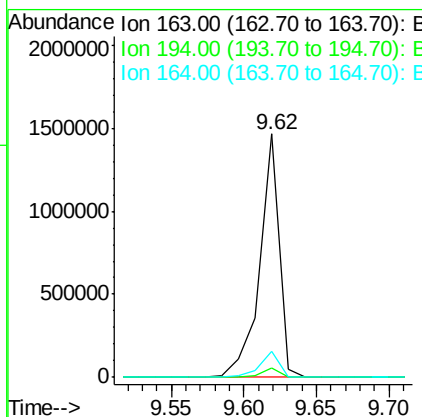
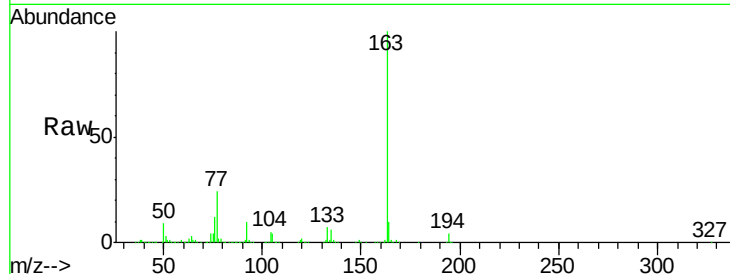
#49
Dimethylphthalate
Concen: 32.90 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.5	8.7	13.1

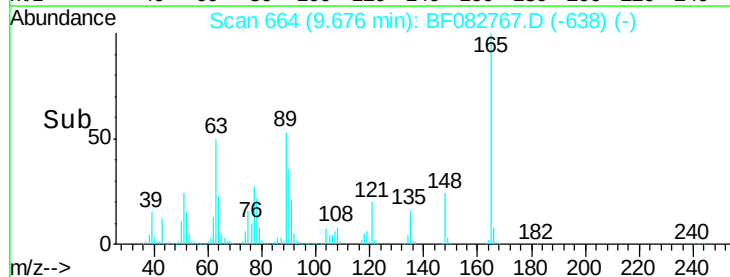
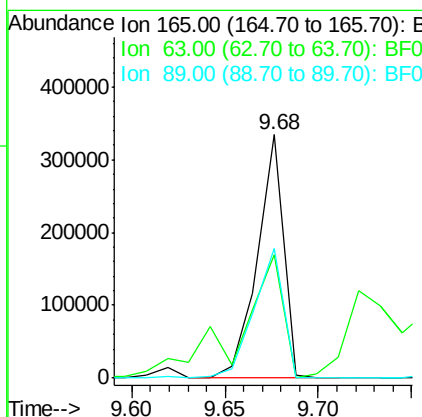
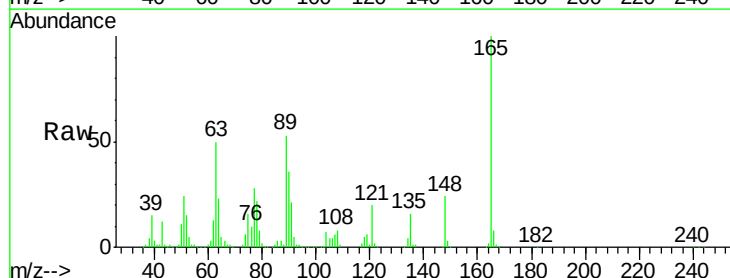
Manual Integrations
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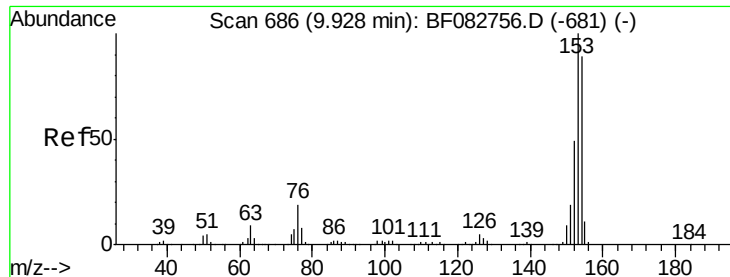
Mmdadoda
11/9/2015 2:10:19 PM



#50
2,6-Dinitrotoluene
Concen: 36.62 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.5	55.5	83.3#
89	53.0	55.0	82.6#





#51

Acenaphthene

Concen: 38.41 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion:154 Resp: 1294210

Ion Ratio Lower Upper

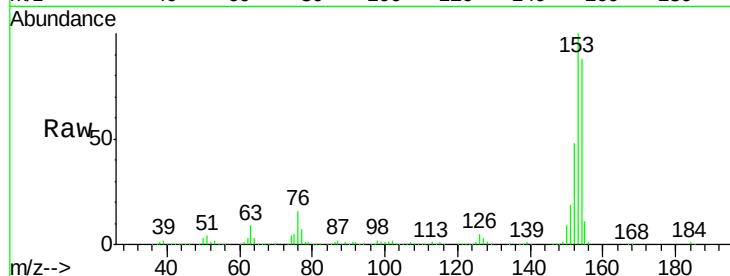
154 100

153 113.3 90.1 135.1

152 54.9 44.3 66.5

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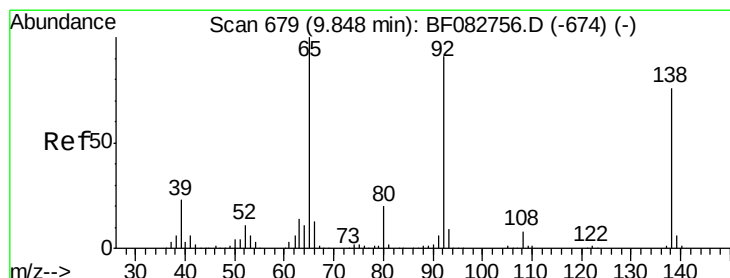
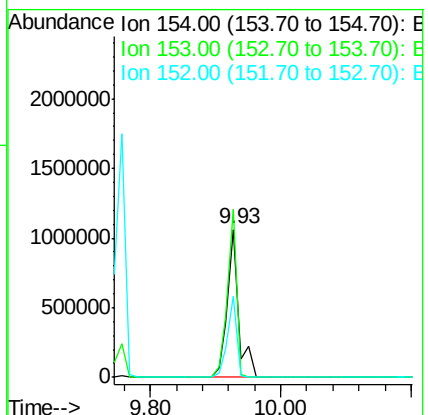
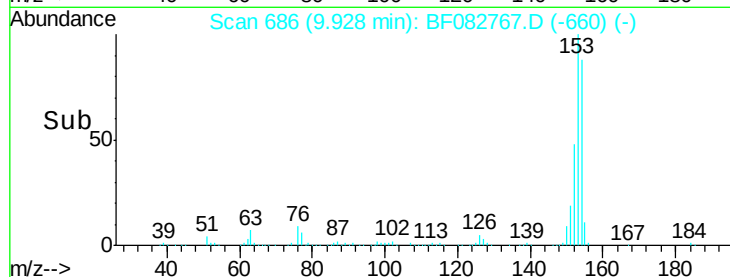
Mmdadoda
11/9/2015 2:10:19 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.79 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

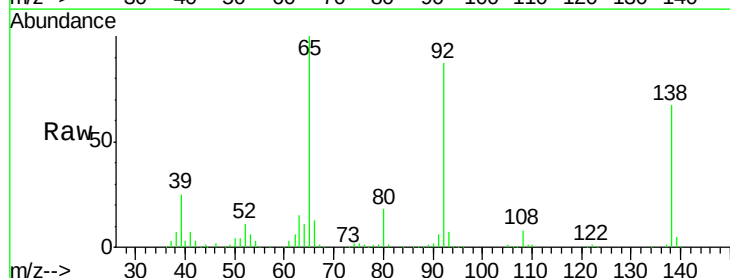
Tgt Ion:138 Resp: 192778

Ion Ratio Lower Upper

138 100

108 11.8 11.3 16.9

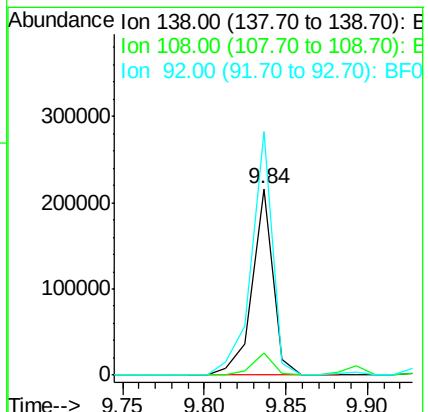
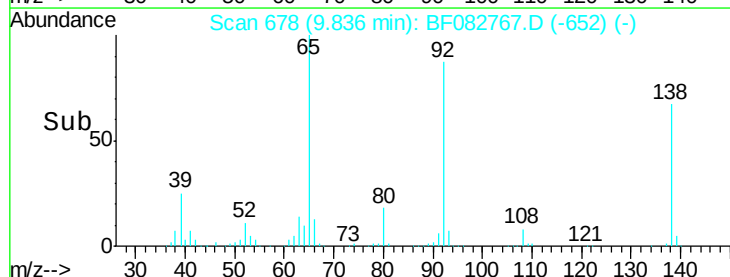
92 130.4 122.4 183.6

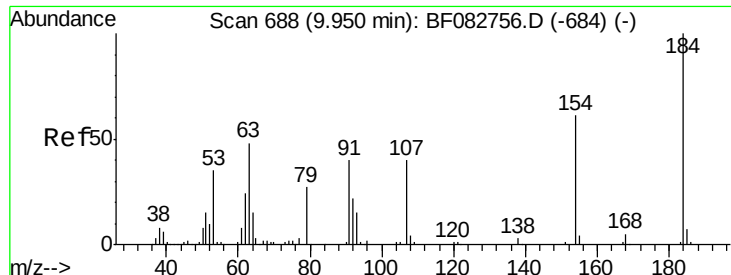


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





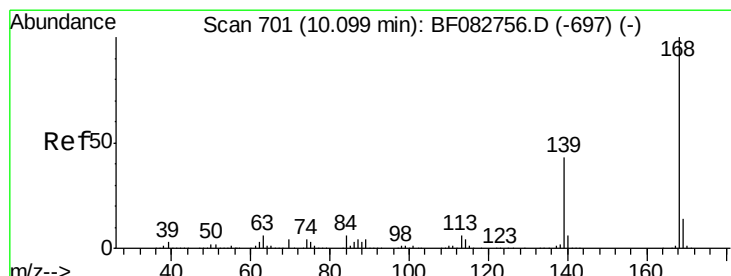
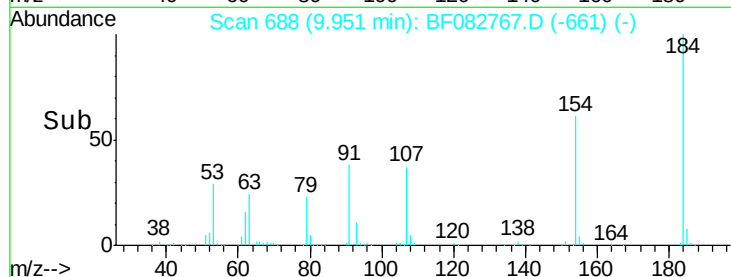
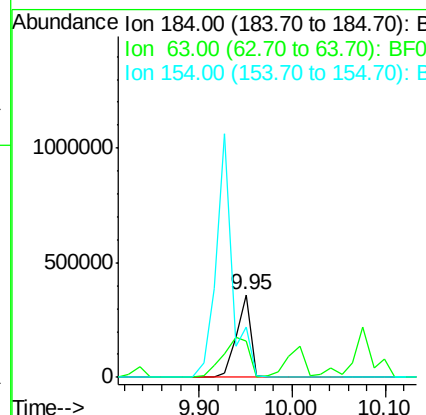
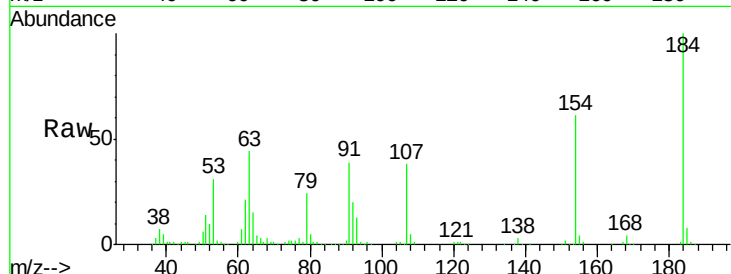
#53
 2,4-Dinitrophenol
 Concen: 80.66 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	392332		
63	43.6	98.6	148.0#	
154	60.6	183.9	275.9#	

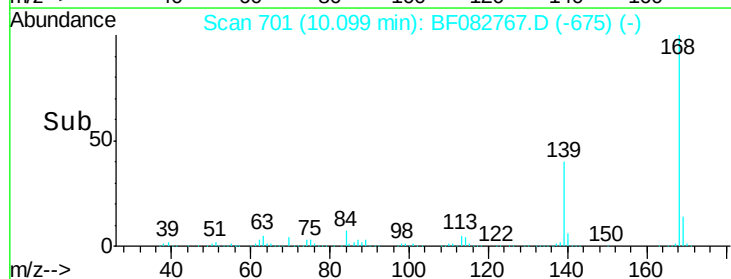
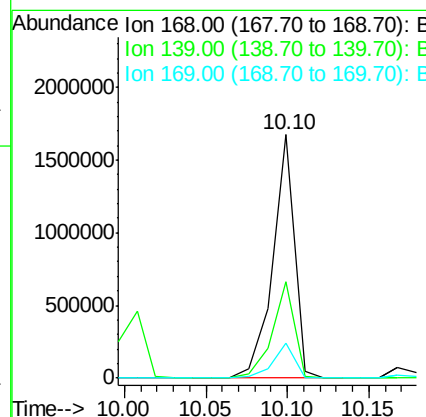
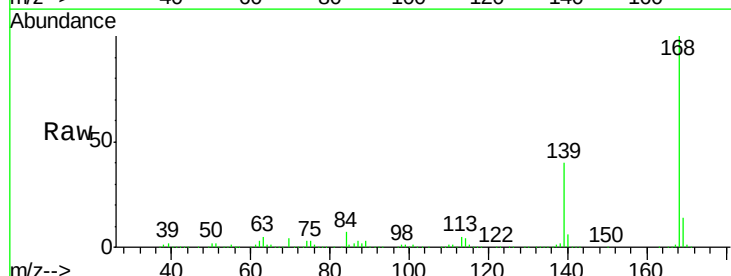
Manual Integrations
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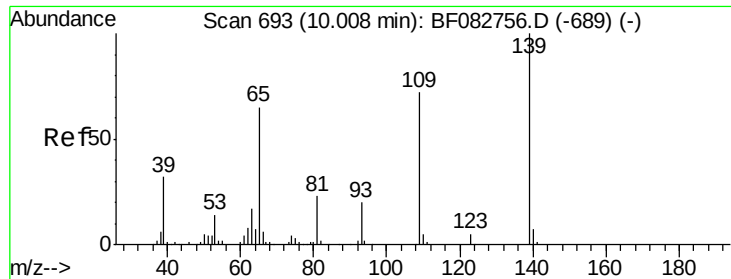
Mmdadoda
 11/9/2015 2:10:19 PM



#54
 Dibenzofuran
 Concen: 34.26 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1556228		
139	39.6	37.8	56.6	
169	14.1	11.3	16.9	





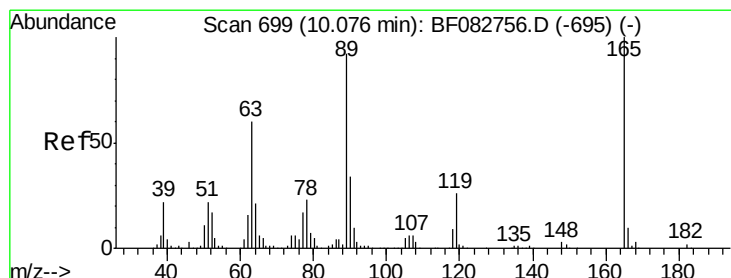
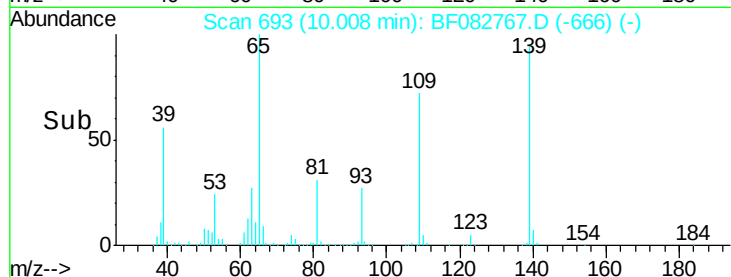
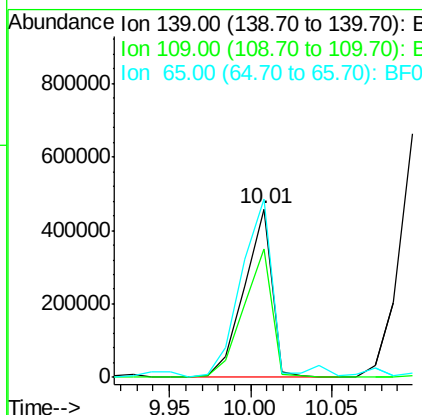
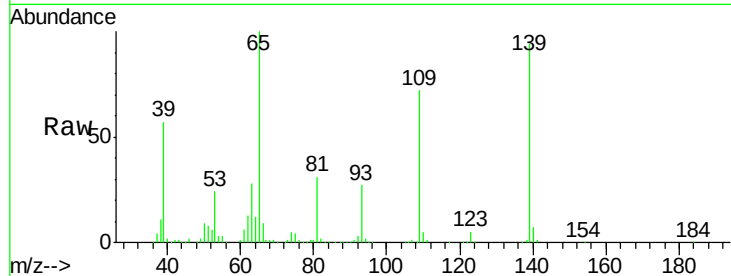
#55
4-Nitrophenol
Concen: 72.59 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	542592		
109	76.4	73.7	113.7	
65	106.0	82.9	122.9	

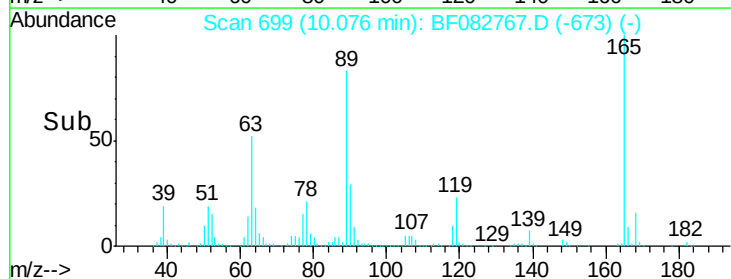
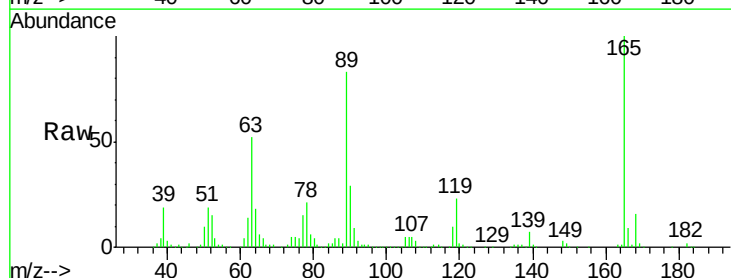
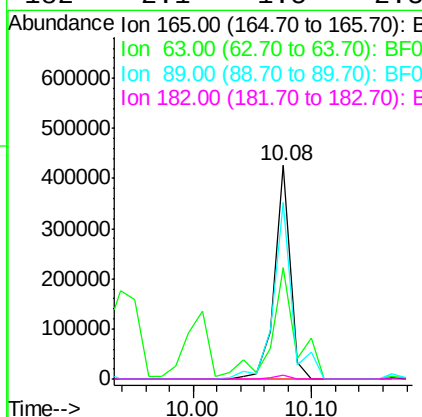
Manual Integrations
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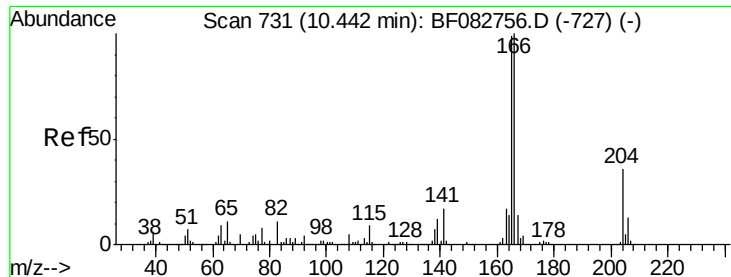
Mmdadoda
11/9/2015 2:10:19 PM



#56
2,4-Dinitrotoluene
Concen: 32.65 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	392457		
63	52.2	43.4	65.0	
89	82.7	70.6	106.0	
182	2.1	1.5	2.3	





#57

Fluorene

Concen: 34.01 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

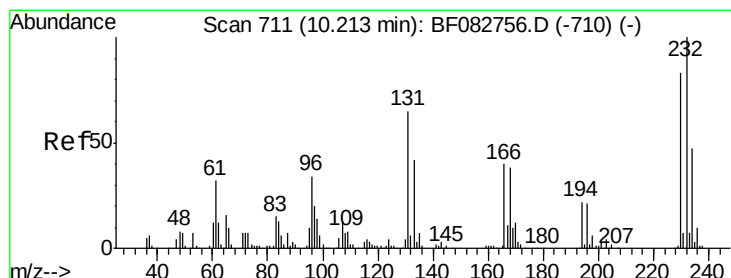
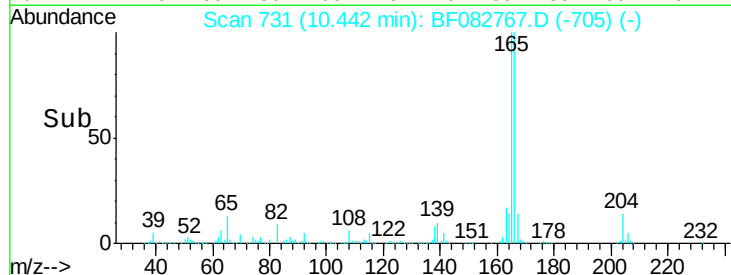
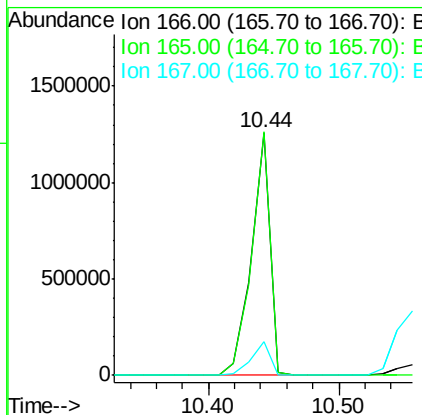
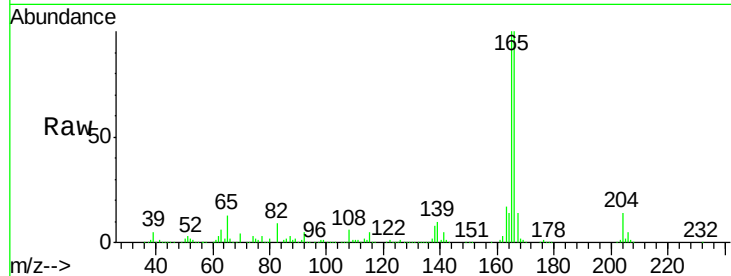
ClientSampleId :

PB86432BS

Manual Integrations
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Mmdadoda
11/9/2015 2:10:19 PM

Tot Ion:	166	Resp:	1250982
Ion Ratio	Lower	Upper	
166	100		
165	100.2	80.2	120.4
167	13.8	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.74 ng

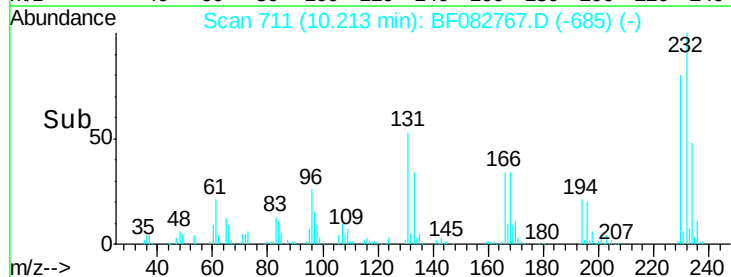
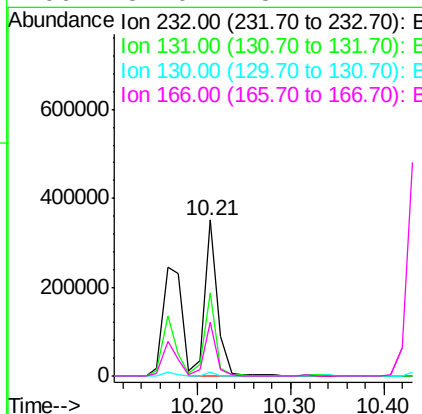
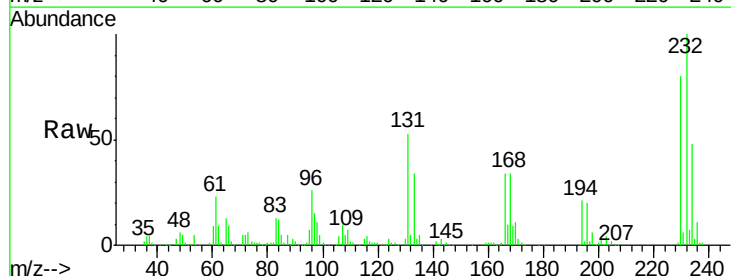
RT: 10.21 min Scan# 711

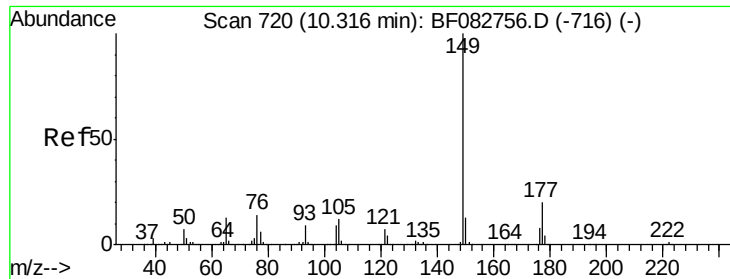
Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion:	232	Resp:	338537
Ion Ratio	Lower	Upper	
232	100		
131	48.4	46.2	69.2
130	2.2	2.4	3.6#
166	31.0	28.2	42.2





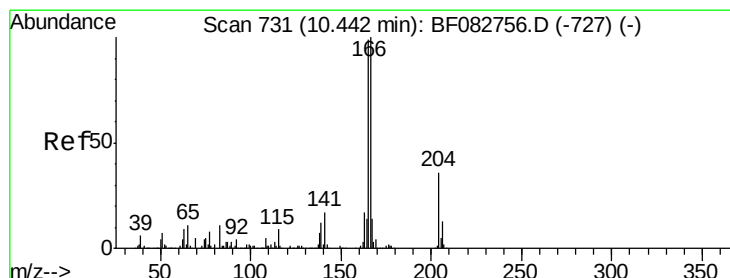
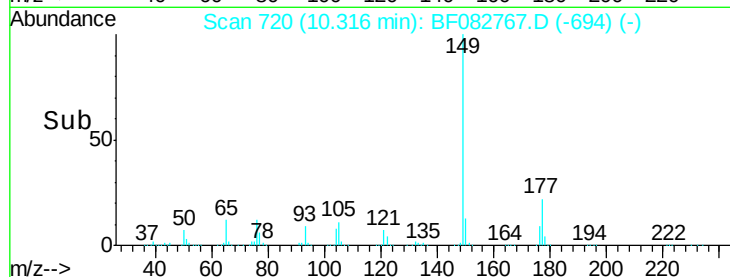
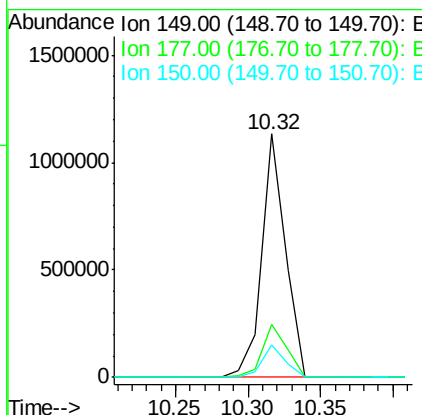
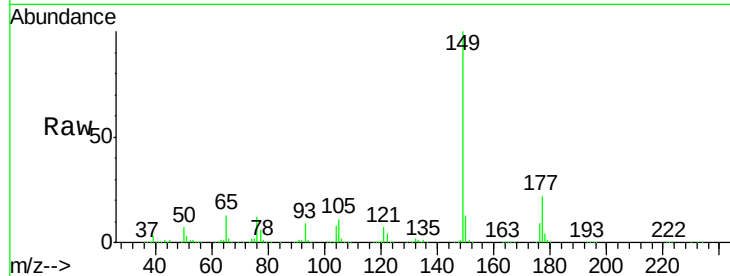
#59
Diethylphthalate
Concen: 31.56 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.9	26.9
150	13.2	10.1	15.1

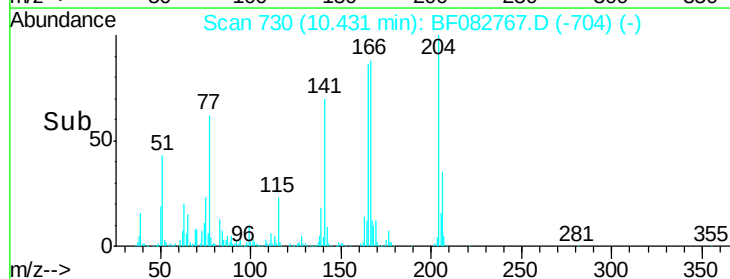
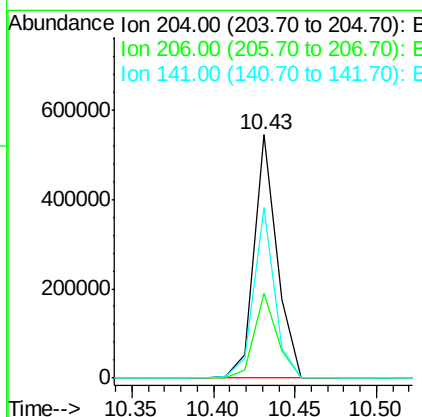
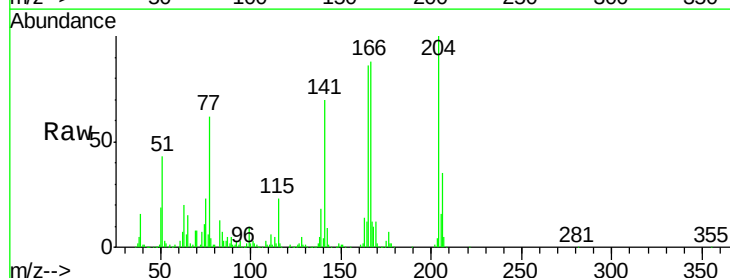
Manual Integrations
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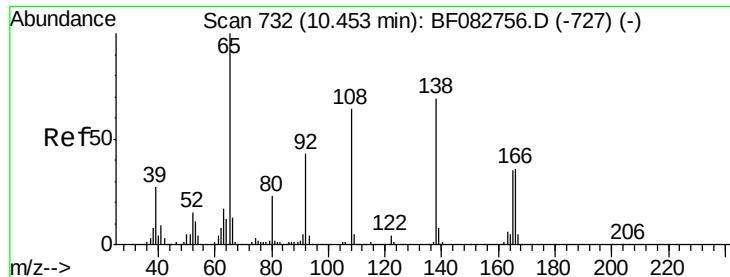
Mmdadoda
11/9/2015 2:10:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 29.01 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	70.2	44.6	66.8





#61

4-Nitroaniline

Concen: 30.38 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

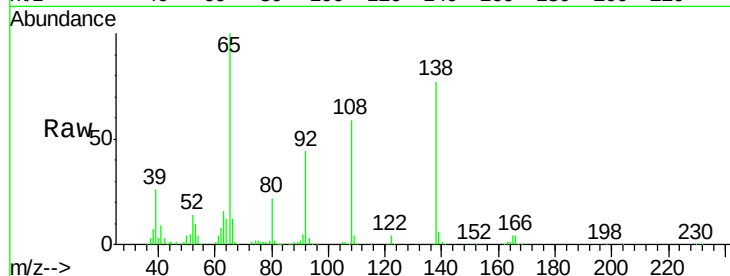
ClientSampleId :

PB86432BS

Tot Ion:	138	Resp:	297675
Ion Ratio	Lower	Upper	
138	100		
92	56.6	45.8	85.8
108	76.6	89.4	129.4#

Manual Integrations
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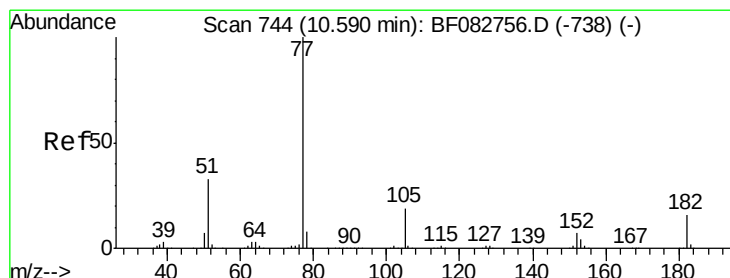
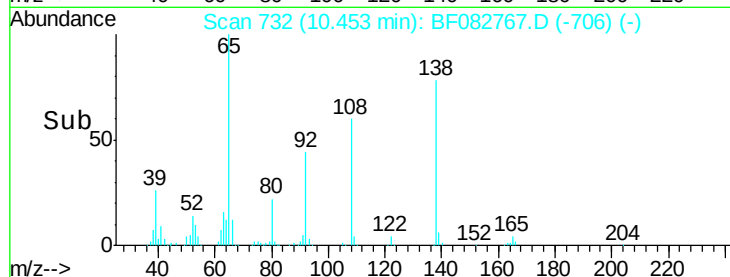
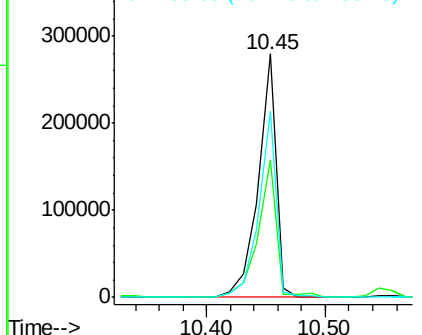
Mmdadoda
11/9/2015 2:10:19 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.65 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

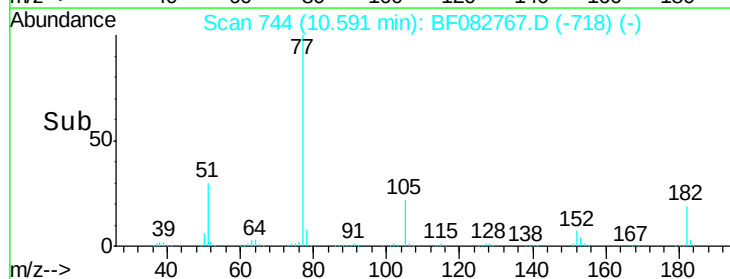
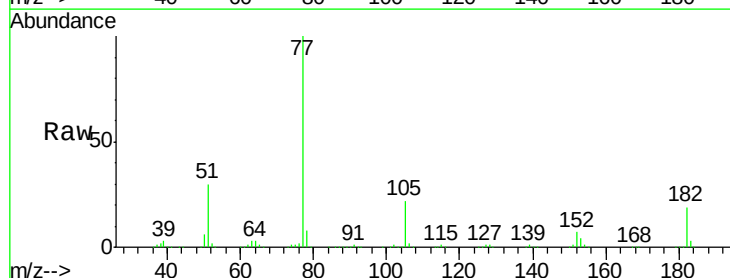
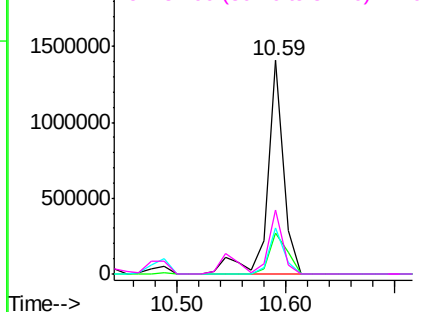
Tgt Ion:	77	Resp:	1465146
Ion Ratio	Lower	Upper	
77	100		
182	19.2	9.3	49.3
105	21.8	2.6	42.6
51	30.0	9.9	49.9

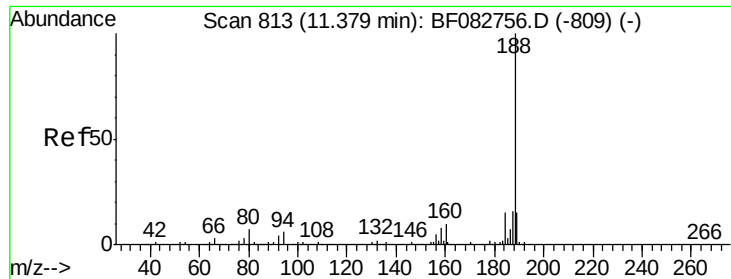
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion:188 Resp: 935897

Ion Ratio Lower Upper

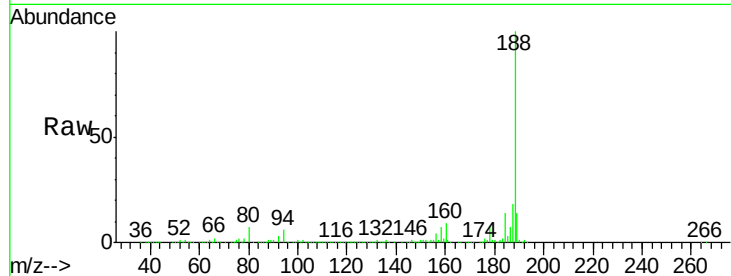
188 100

94 6.4 6.1 9.1

80 6.6 7.0 10.6

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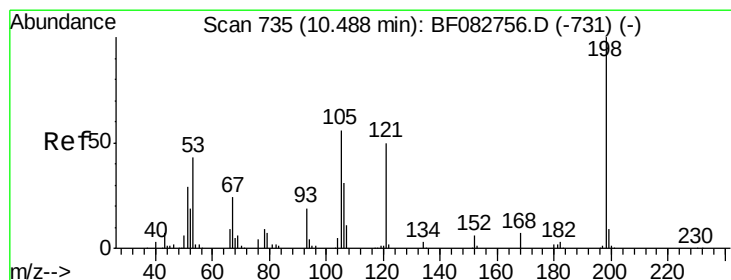
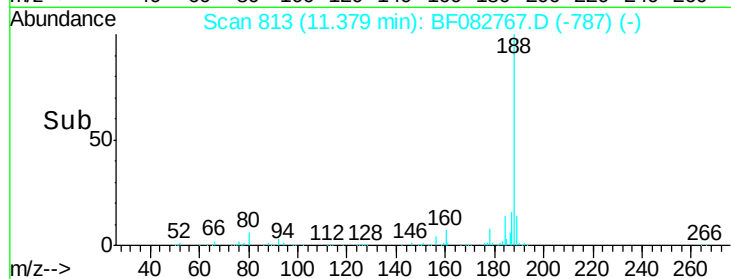
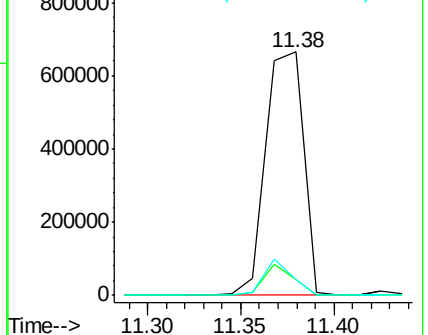
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.78 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

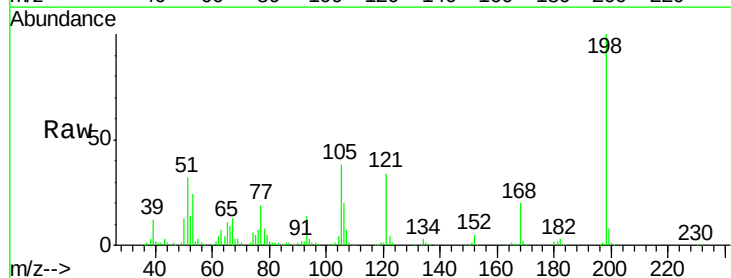
Tgt Ion:198 Resp: 258571

Ion Ratio Lower Upper

198 100

51 31.6 17.3 57.3

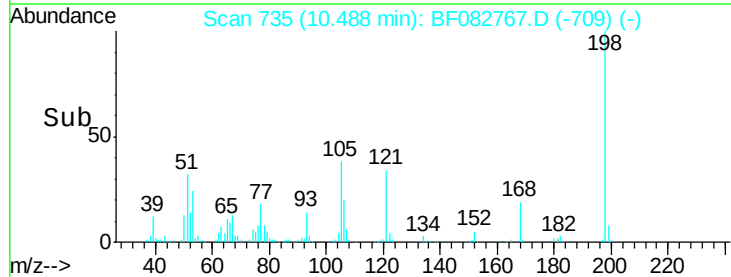
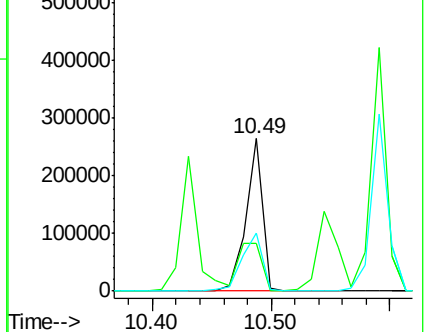
105 38.0 21.7 61.7

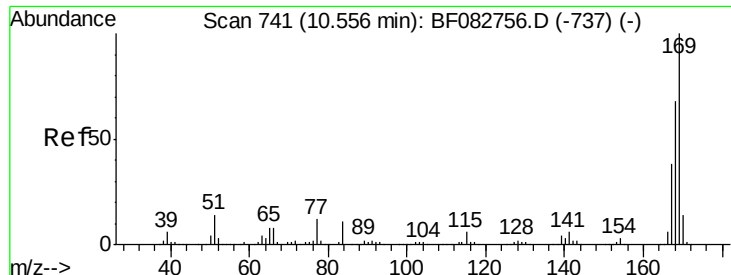


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





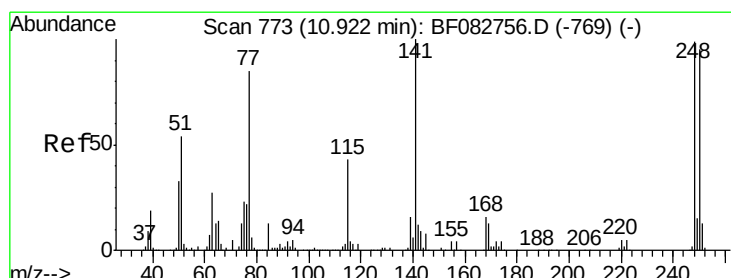
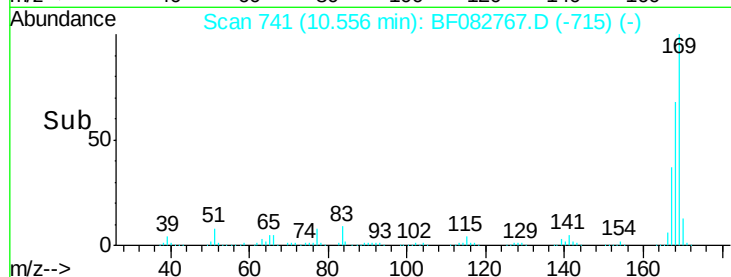
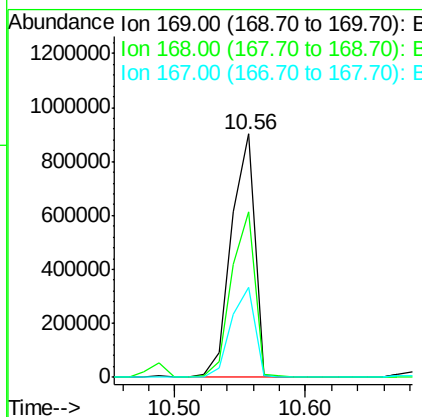
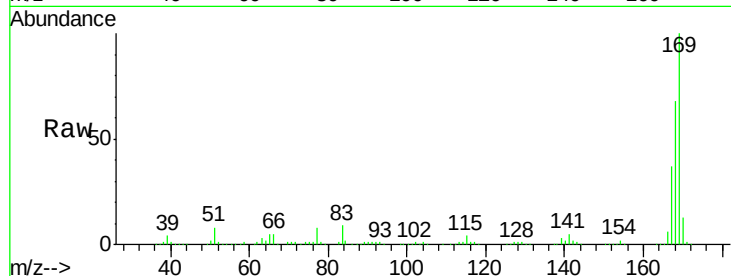
#65
n-Nitrosodiphenylamine
Concen: 33.01 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampleId :
PB86432BS

Tot Ion	Ion	Ratio	Lower	Upper
1116224	169	100		
	168	68.1	55.0	82.6
	167	37.2	30.5	45.7

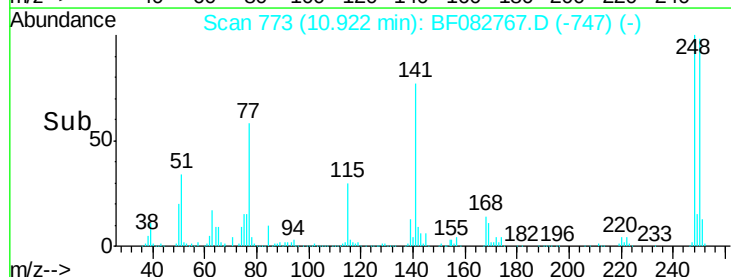
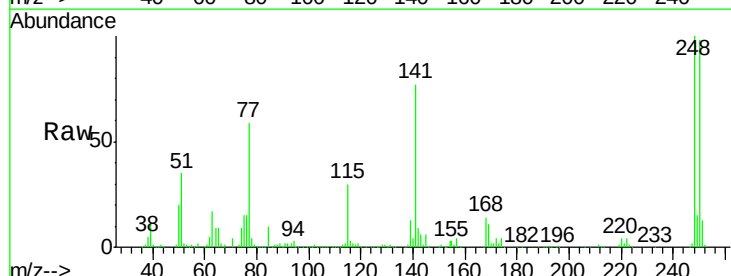
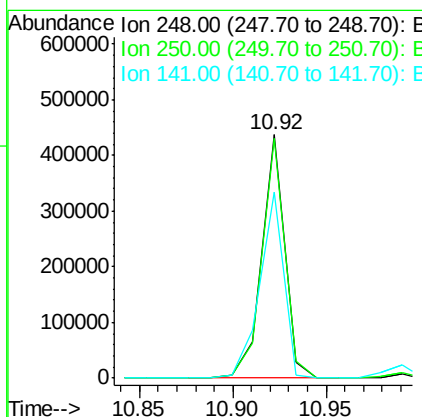
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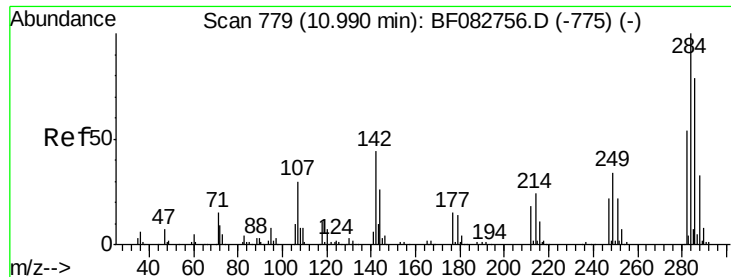
Mmdadoda
11/9/2015 2:10:19 PM



#66
4-Bromophenyl-phenylether
Concen: 32.71 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ion	Ratio	Lower	Upper
368654	248	100		
	250	98.5	79.4	119.2
	141	76.6	36.3	54.5





#67

Hexachlorobenzene

Concen: 32.52 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

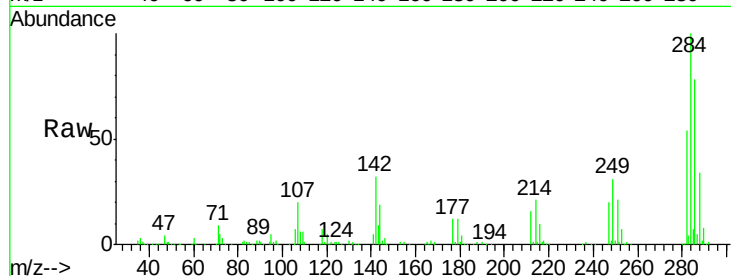
ClientSampleId :

PB86432BS

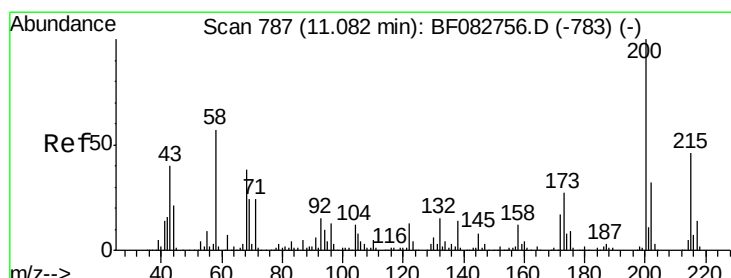
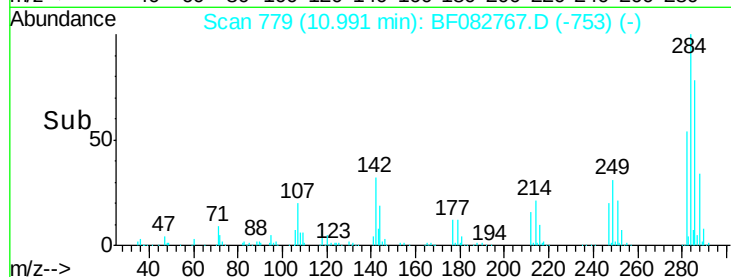
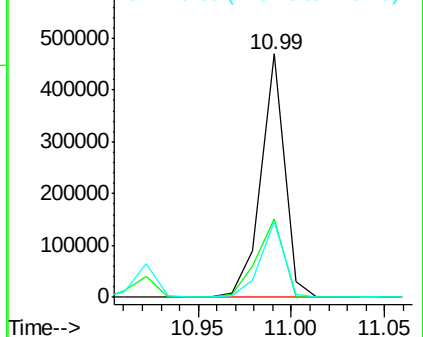
Tot Ion:	284	Resp:	409152
Ion Ratio		Lower	Upper
284	100		
142	32.0	47.9	71.9#
249	31.2	29.7	44.5

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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: 38.22 ng

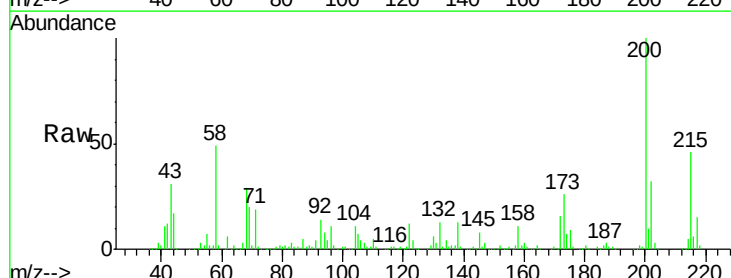
RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

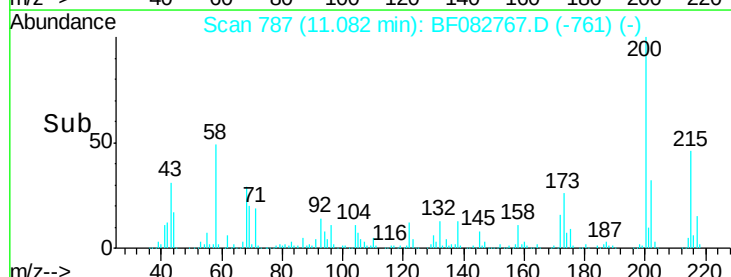
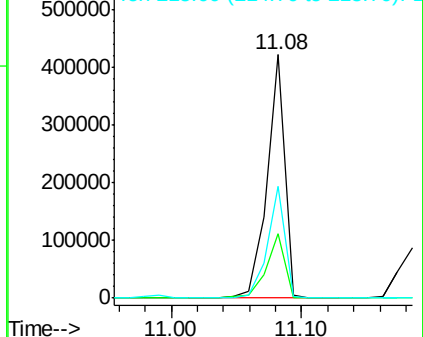
Lab File: BF082767.D

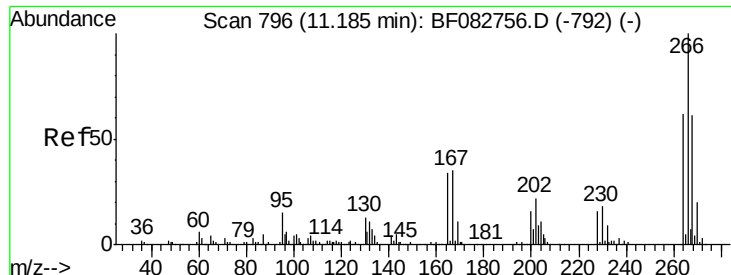
Acq: 6 Nov 2015 18:01

Tgt Ion:	200	Resp:	399559
Ion Ratio		Lower	Upper
200	100		
173	26.3	6.9	46.9
215	45.9	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





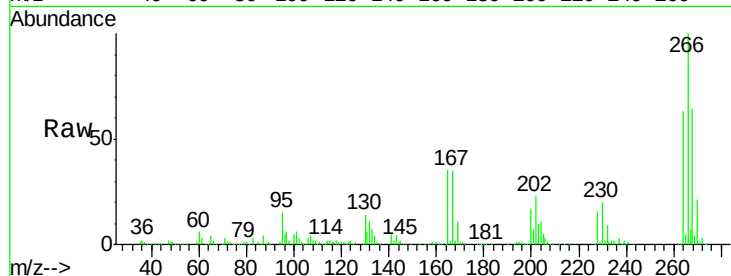
#69
 Pentachlorophenol
 Concen: 70.14 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

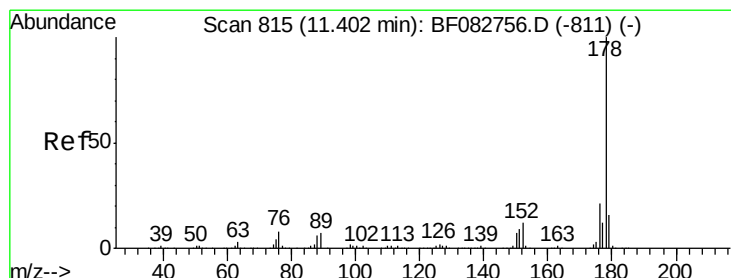
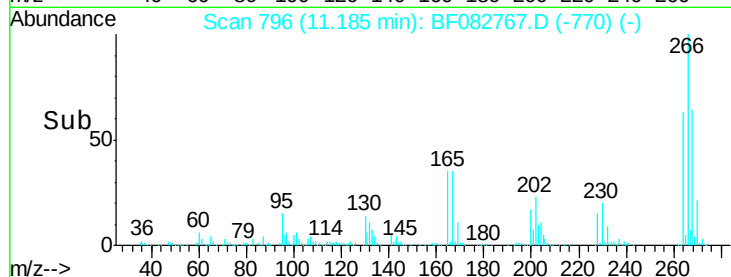
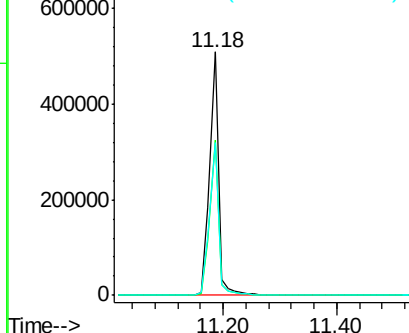
Tot Ion	Ratio	Resp	Lower	Upper
266	100	535953		
268	63.6		51.0	76.6
264	62.8		50.6	75.8

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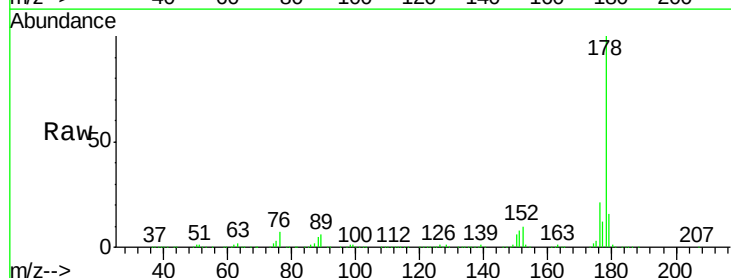


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

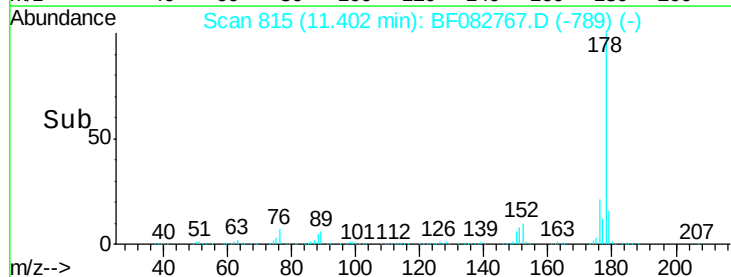
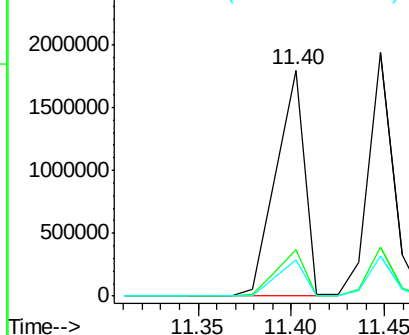


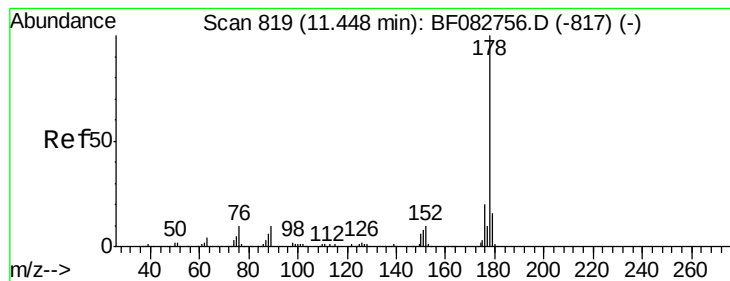
#70
 Phenanthrene
 Concen: 35.39 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1923612		
176	20.8		17.0	25.4
179	16.2		13.4	20.0



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





#71

Anthracene

Concen: 30.39 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion:178 Resp: 1739986

Ion Ratio Lower Upper

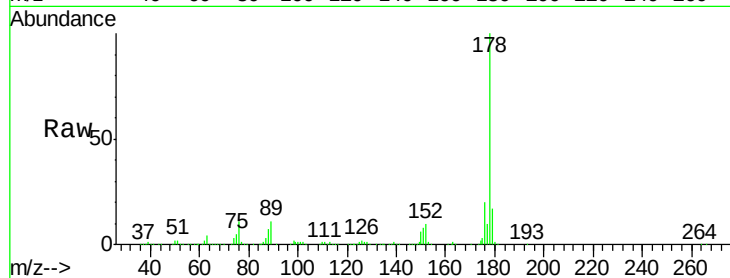
178 100

176 20.2 16.5 24.7

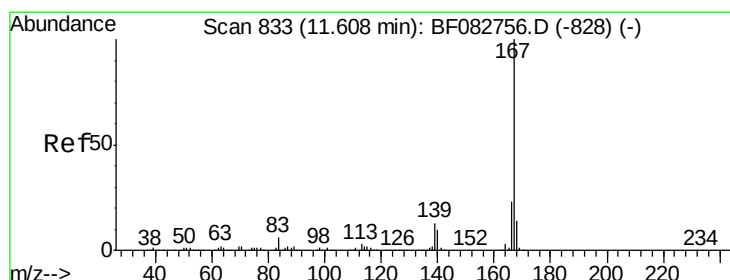
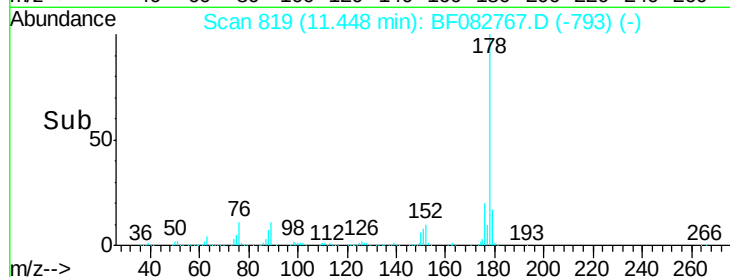
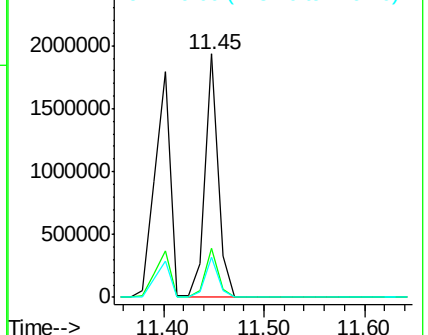
179 16.7 13.2 19.8

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



#72

Carbazole

Concen: 33.24 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

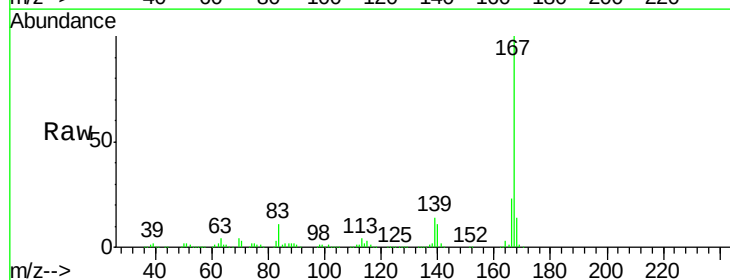
Tgt Ion:167 Resp: 1665714

Ion Ratio Lower Upper

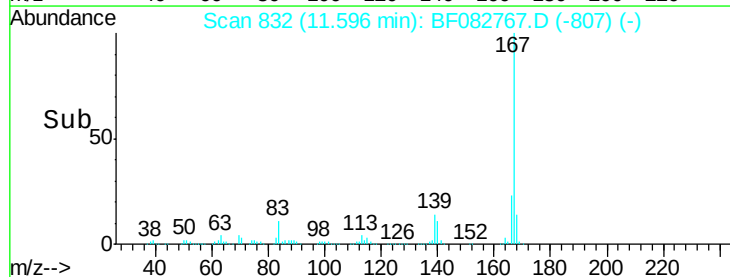
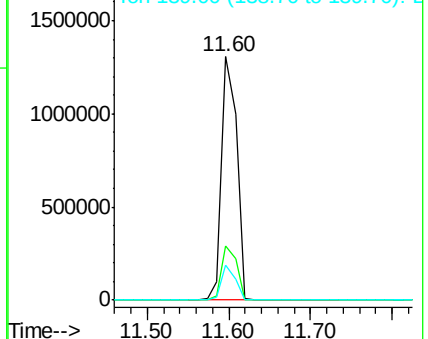
167 100

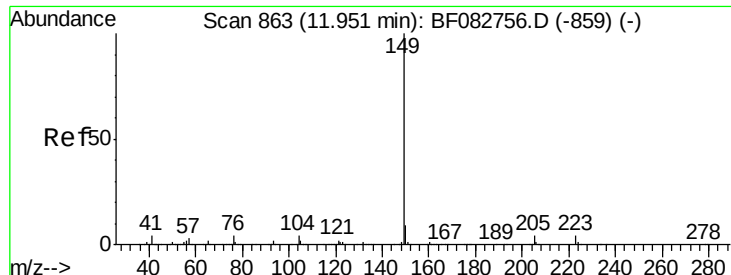
166 22.5 18.7 28.1

139 14.4 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.42 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion:149 Resp: 1961989

Ion Ratio Lower Upper

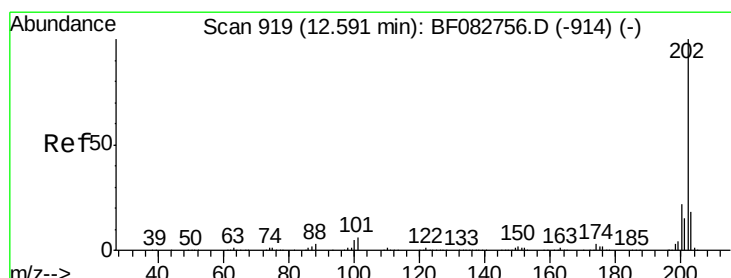
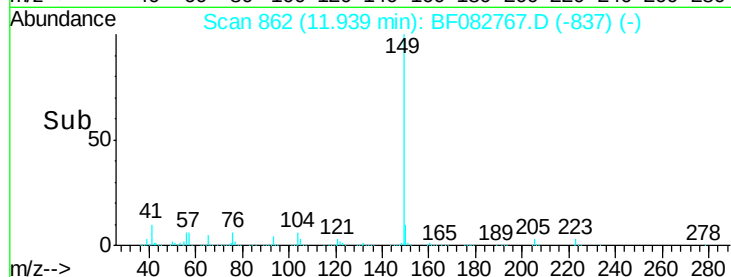
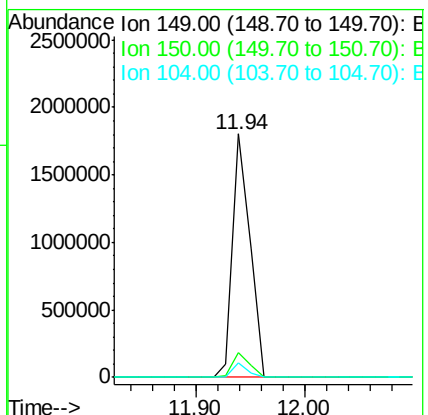
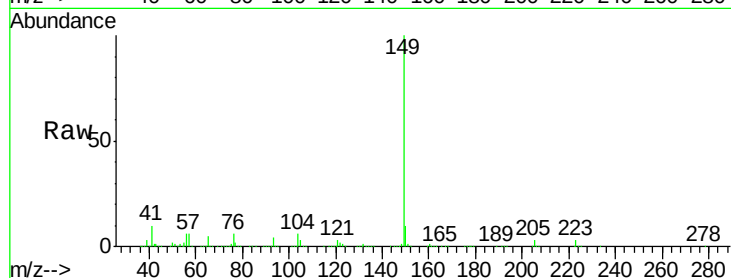
149 100

150 10.1 8.1 12.1

104 5.9 5.2 7.8

Manual Integrations
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#74

Fluoranthene

Concen: 31.49 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

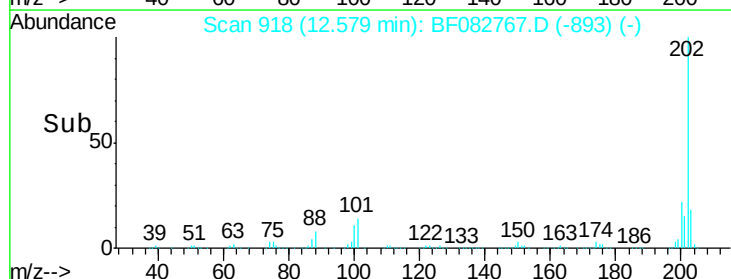
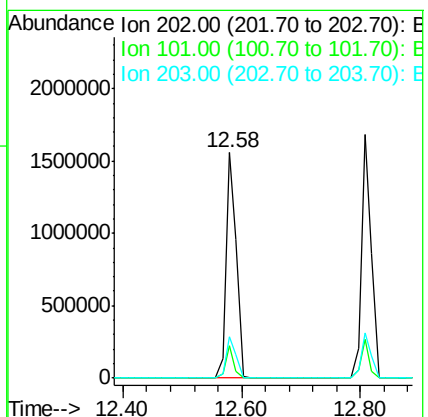
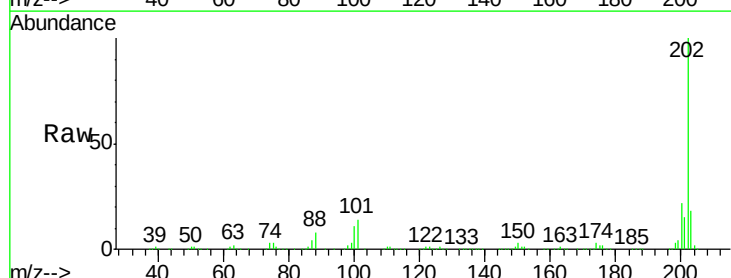
Tgt Ion:202 Resp: 1836587

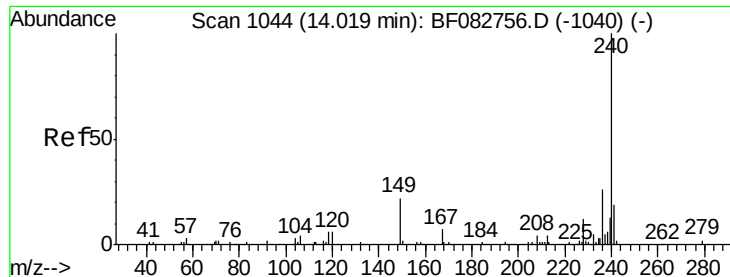
Ion Ratio Lower Upper

202 100

101 14.2 0.0 30.5

203 18.4 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

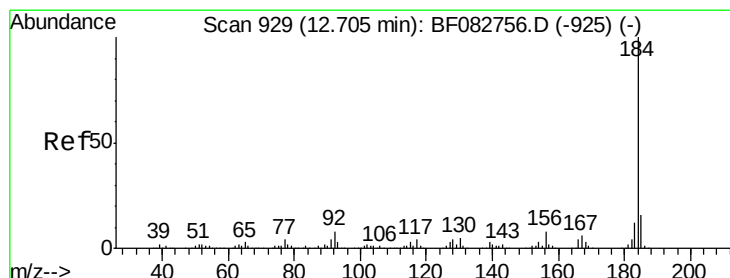
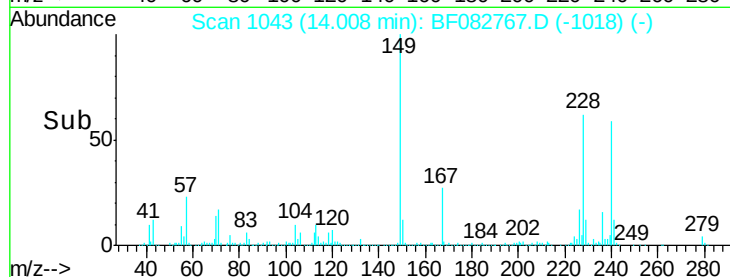
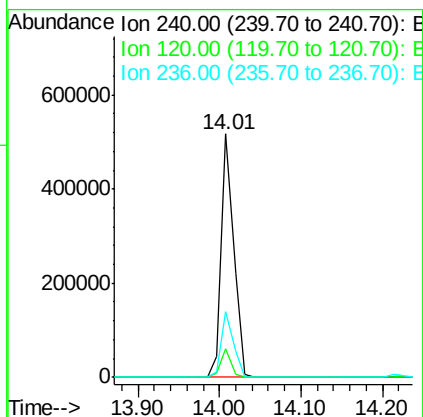
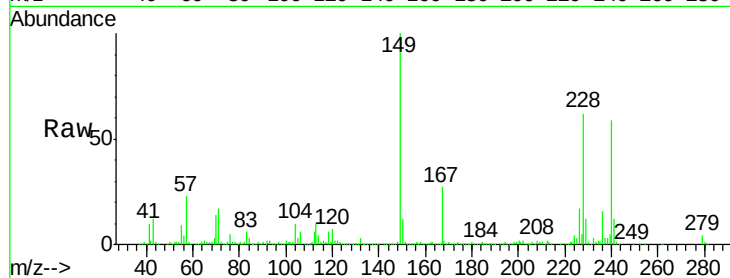
ClientSampleId :

PB86432BS

Tot Ion:	240	Resp:	544119
Ion Ratio	Lower	Upper	
240	100		
120	11.9	10.9	16.3
236	26.8	21.6	32.4

Manual Integrations
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#76

Benzidine

Concen: 41.43 ng

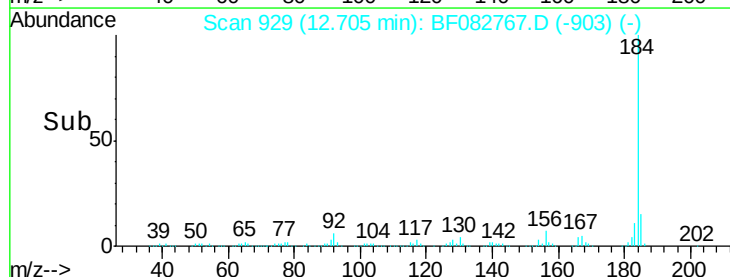
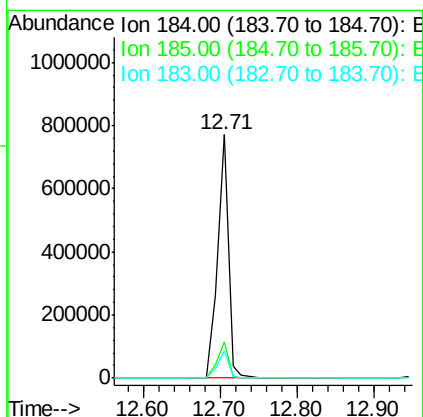
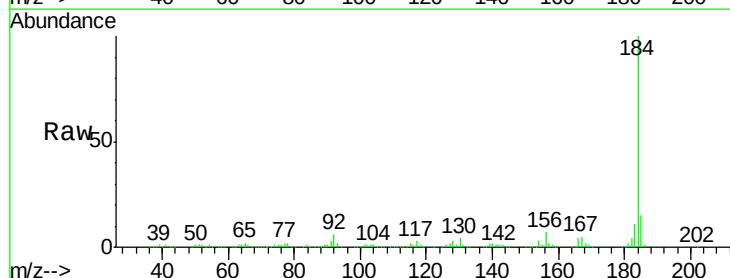
RT: 12.71 min Scan# 929

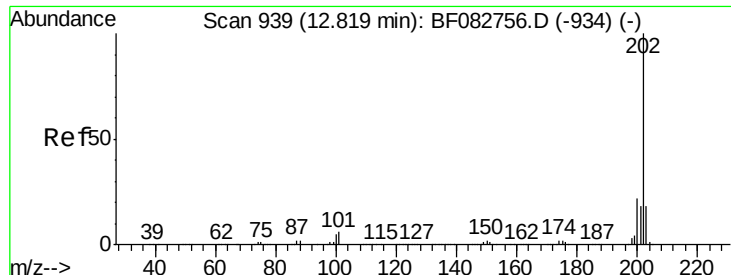
Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion:	184	Resp:	755539
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.0	18.0
183	11.3	9.6	14.4





#77

Pvrene

Concen: 50.79 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

ClientSampleId :

PB86432BS

Tot Ion:202 Resp: 1897739

Ion Ratio Lower Upper

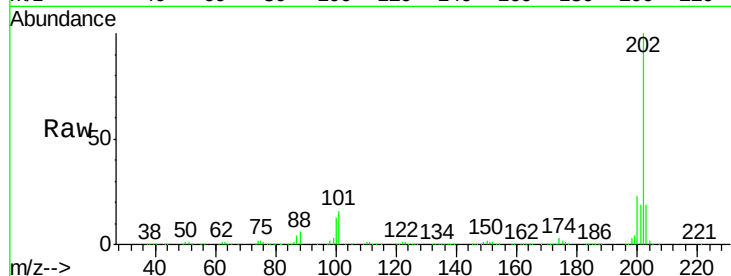
202 100

200 22.6 18.7 28.1

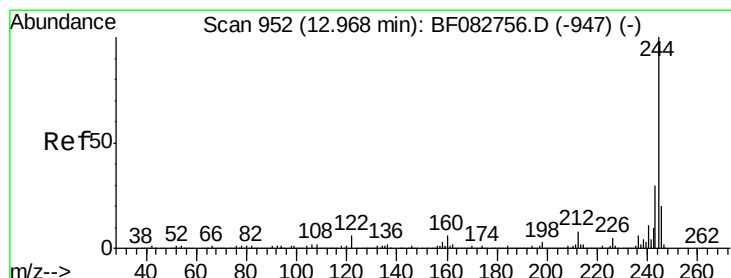
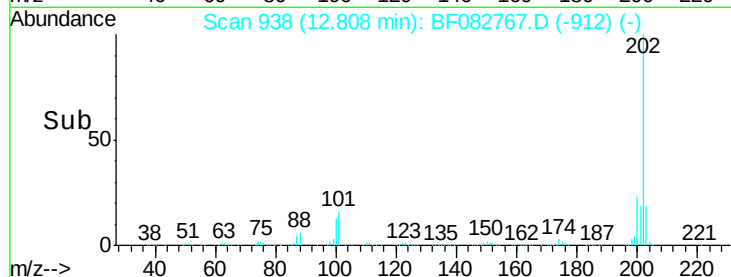
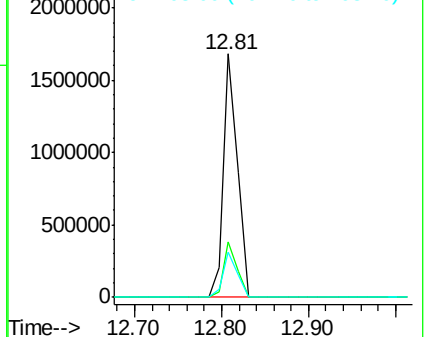
203 18.7 14.8 22.2

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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: 101.57 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

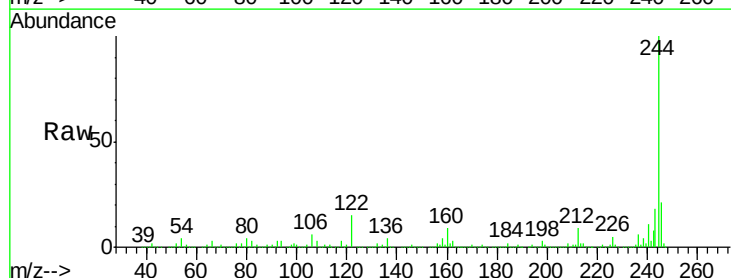
Tgt Ion:244 Resp: 2330089

Ion Ratio Lower Upper

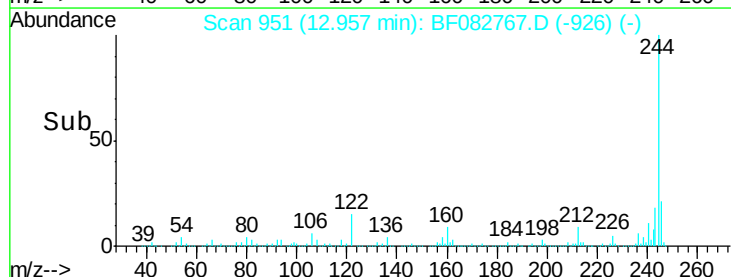
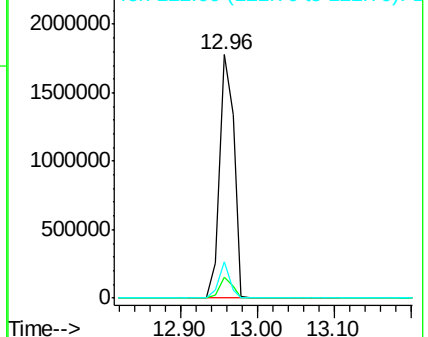
244 100

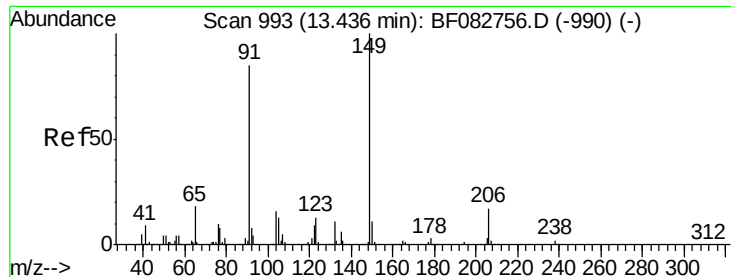
212 8.7 7.6 11.4

122 14.9 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





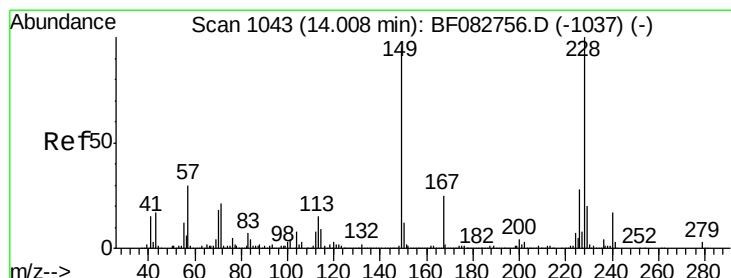
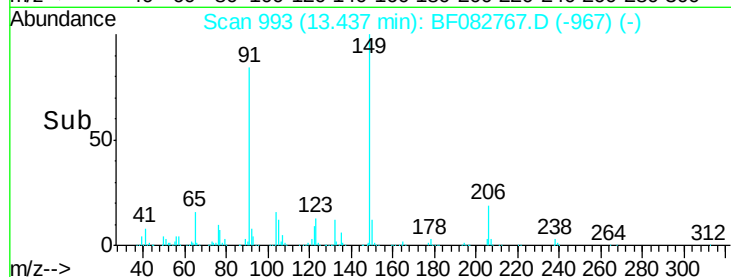
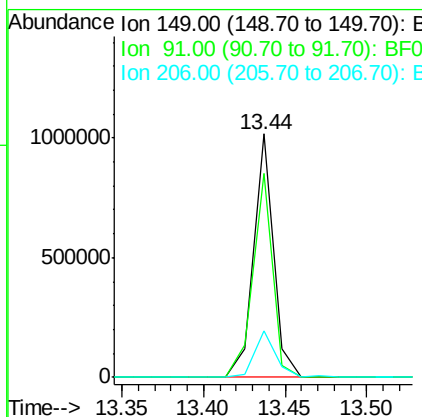
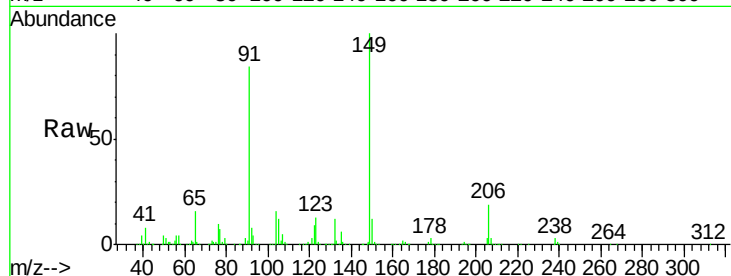
#79
Butylbenzylphthalate
Concen: 52.38 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampled :
PB86432BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.0	67.7	101.5
206	19.0	14.6	22.0

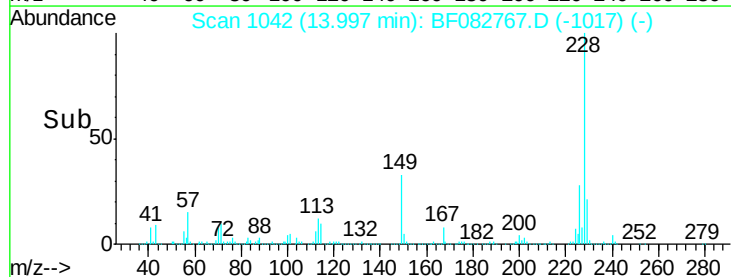
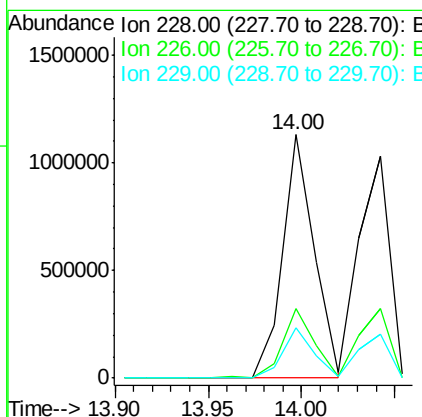
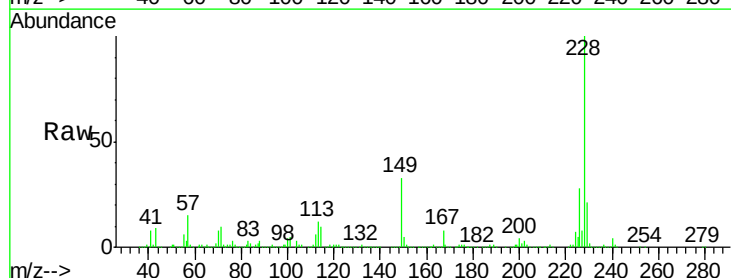
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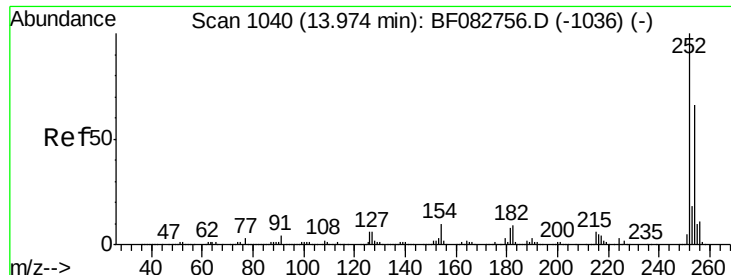
Mmdadoda
11/9/2015 2:10:19 PM



#80
Benzo(a)anthracene
Concen: 39.26 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	20.5	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 27.96 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

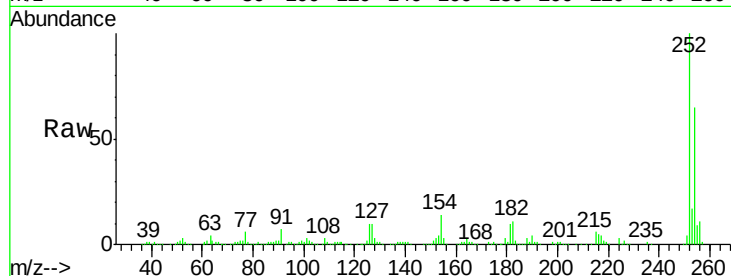
ClientSampled :

PB86432BS

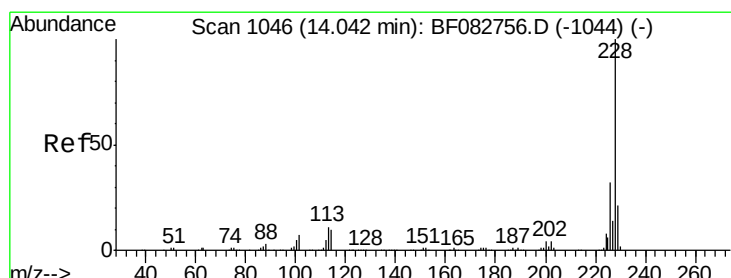
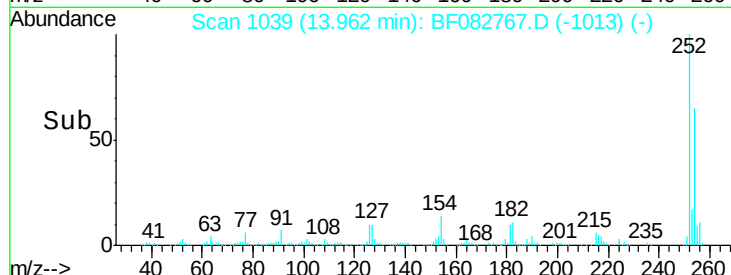
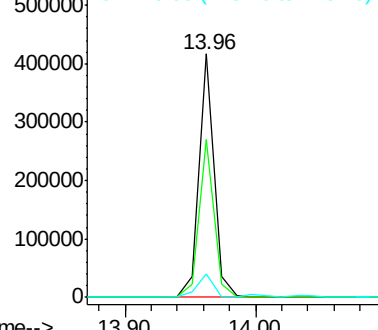
Tot Ion:	252	Resp:	338261
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.4	77.0
126	9.7	10.7	16.1#

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



#82

Chrysene

Concen: 37.62 ng

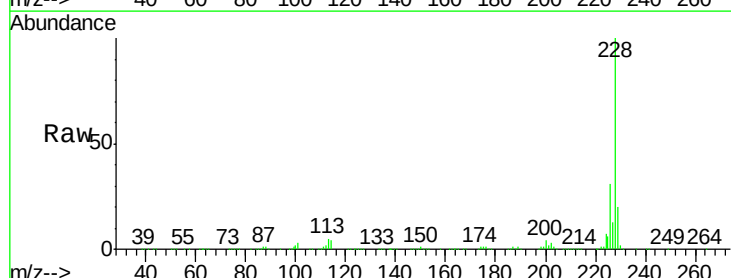
RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

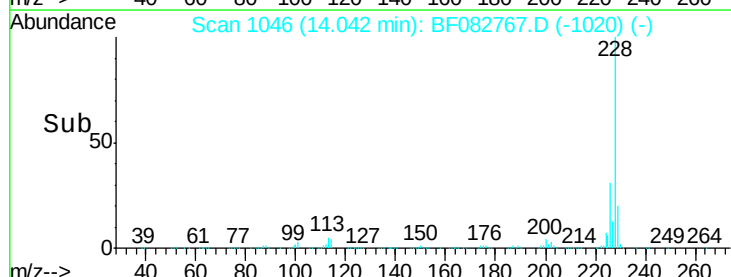
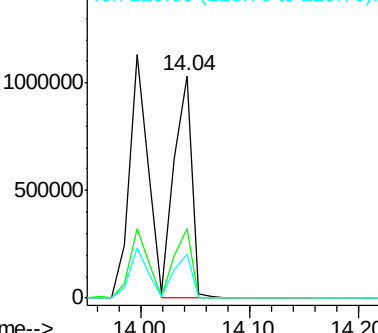
Lab File: BF082767.D

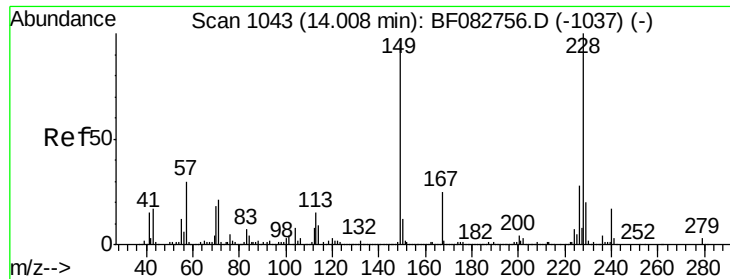
Acq: 6 Nov 2015 18:01

Tgt Ion:	228	Resp:	1172499
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.5	38.3
229	20.0	16.3	24.5



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





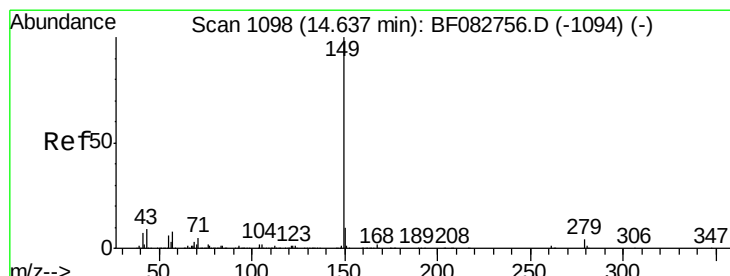
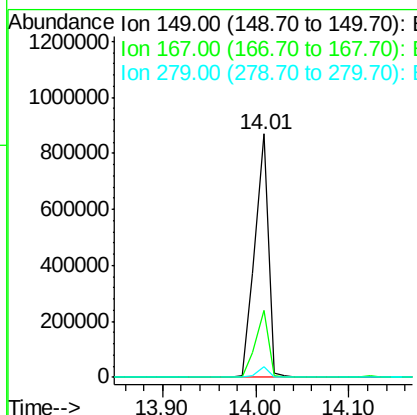
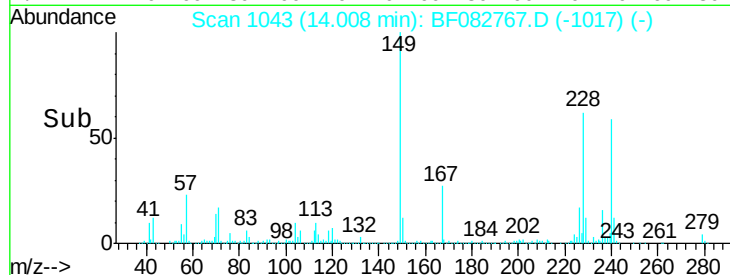
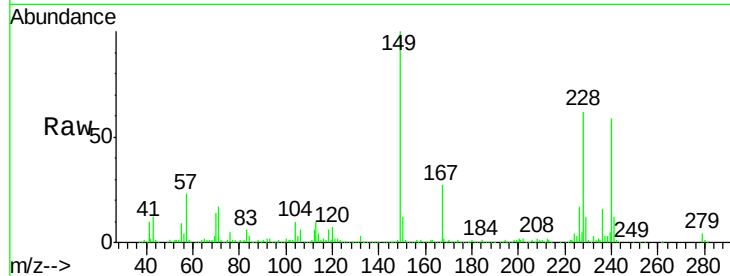
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.66 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tot Ion:	149	Resp:	873466
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.2	31.8
279	4.1	2.2	3.2

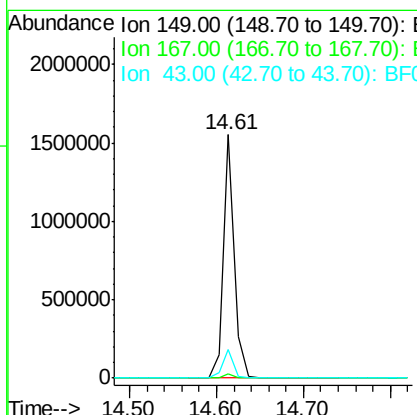
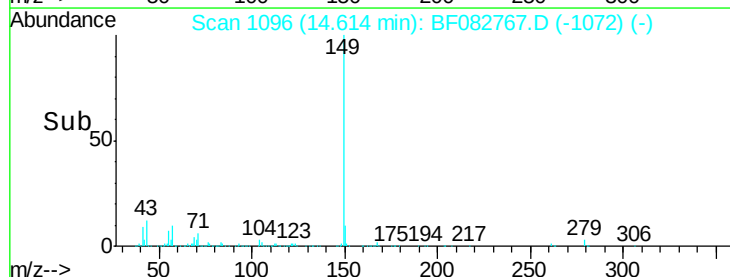
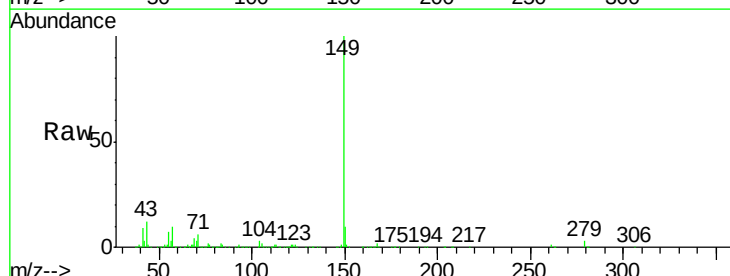
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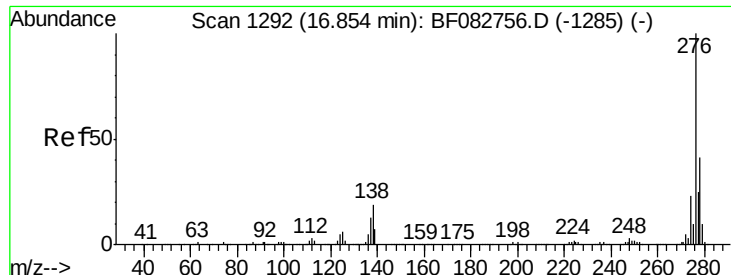
Mmdadoda
 11/9/2015 2:10:19 PM



#84
 Di-n-octyl phthalate
 Concen: 36.13 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion:	149	Resp:	1361659
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.6	10.1	15.1





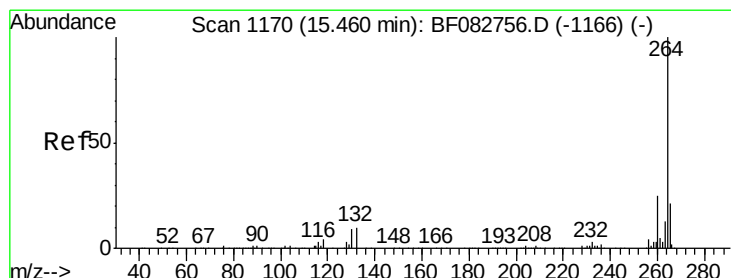
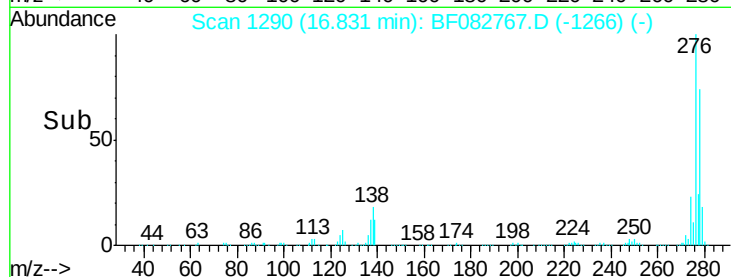
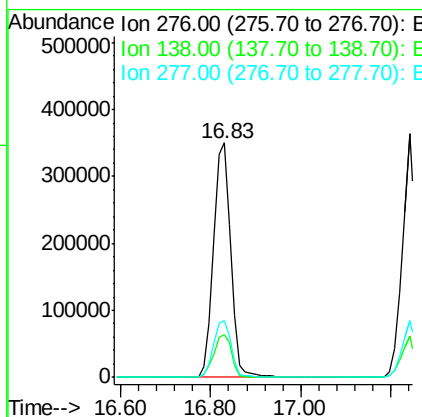
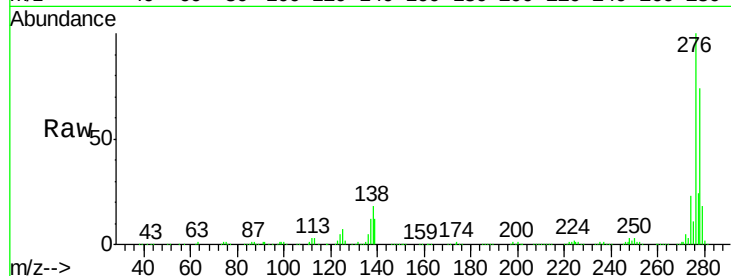
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.00 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.3	22.9
277	24.8	20.2	30.4

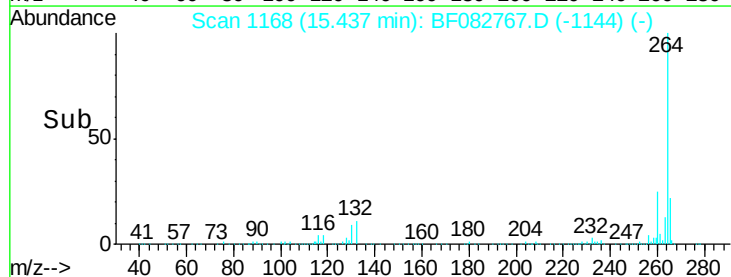
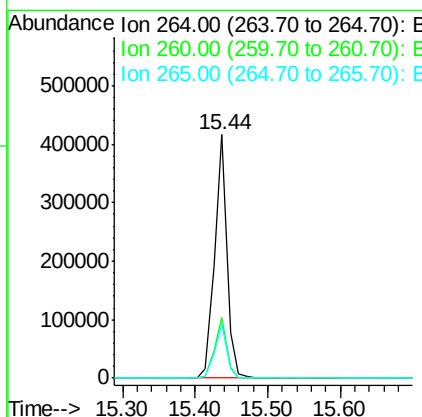
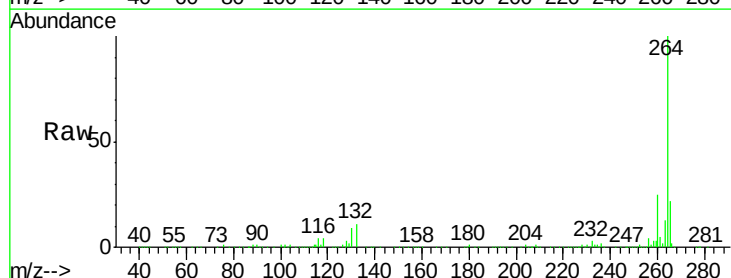
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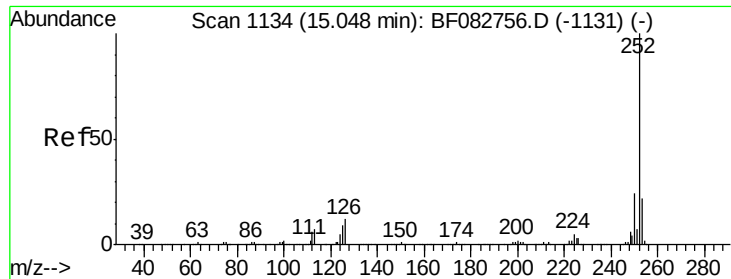
Mmdadoda
 11/9/2015 2:10:19 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	22.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 39.32 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Instrument :

BNA_F

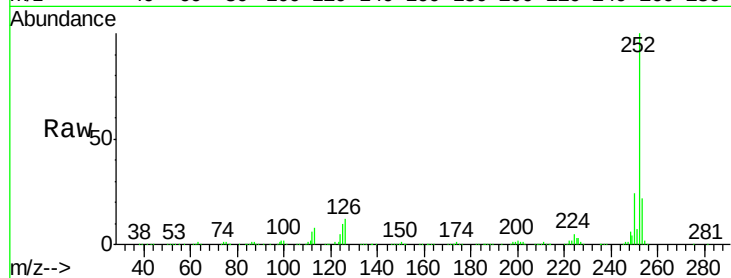
ClientSampleId :

PB86432BS

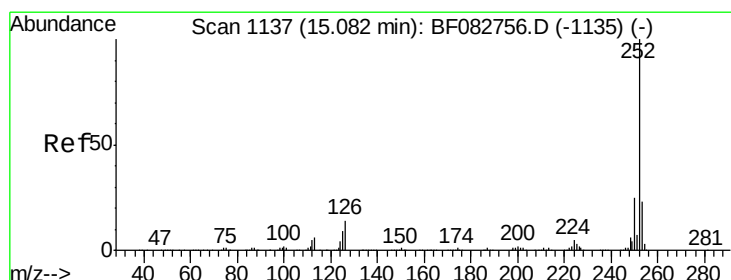
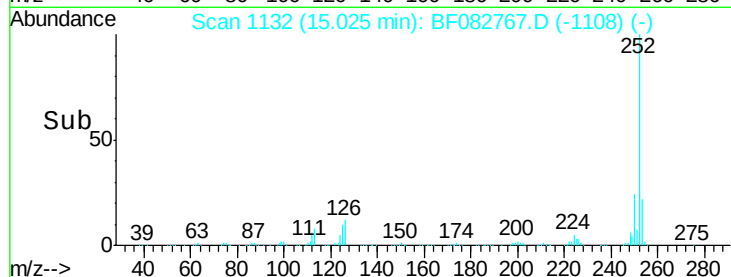
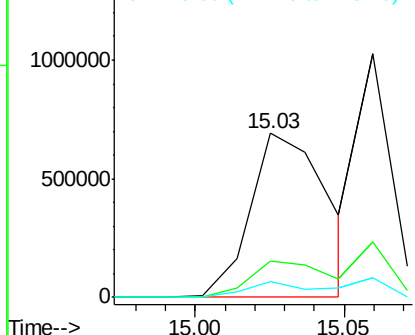
Tot Ion:	252	Resp:	1242425
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	9.6	5.4	8.2#

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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: 29.41 ng m

RT: 15.06 min Scan# 1135

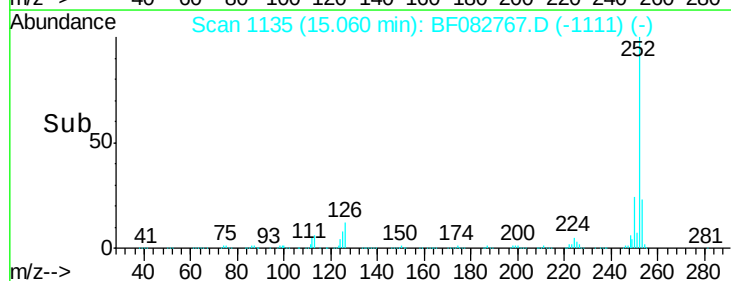
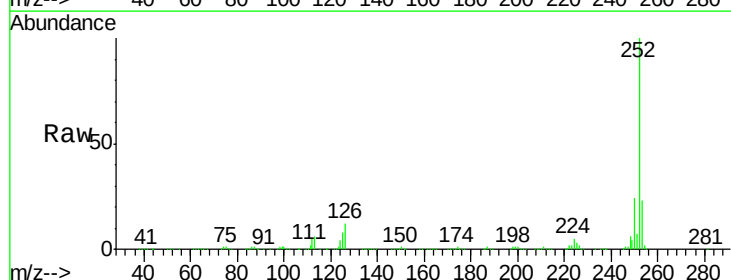
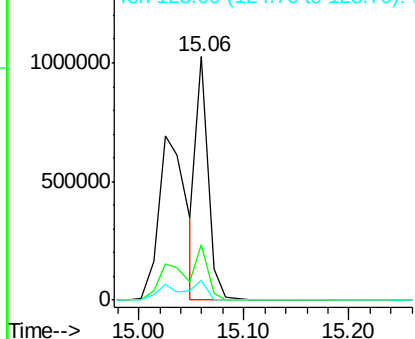
Delta R.T. -0.02 min

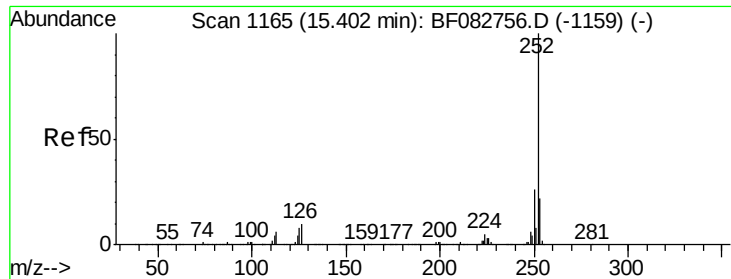
Lab File: BF082767.D

Acq: 6 Nov 2015 18:01

Tgt Ion:	252	Resp:	824449
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	8.0	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





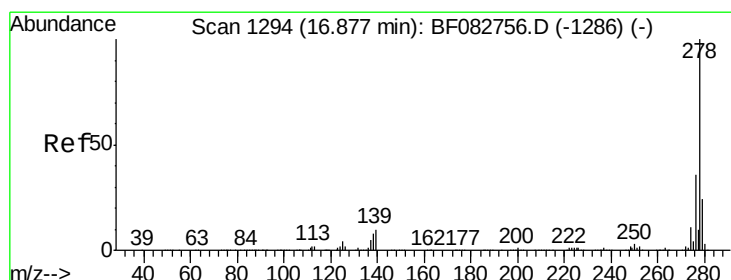
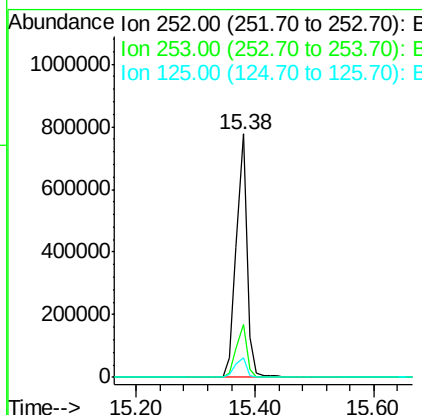
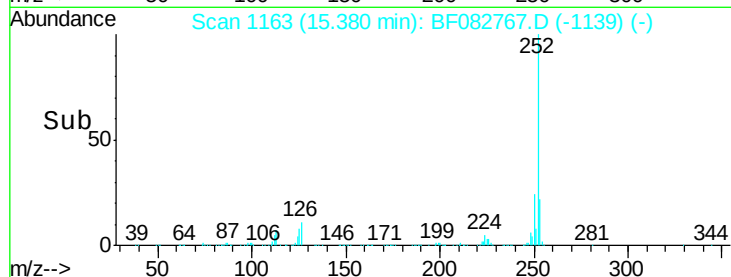
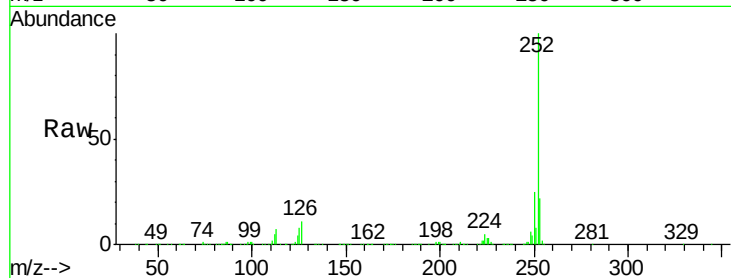
#89
Benzo(a)pyrene
Concen: 35.70 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Instrument :
BNA_F
ClientSampled :
PB86432BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	8.0	7.1	10.7

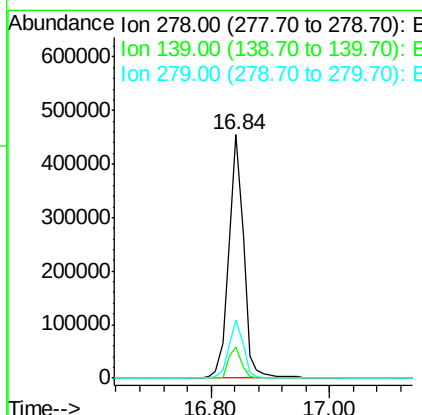
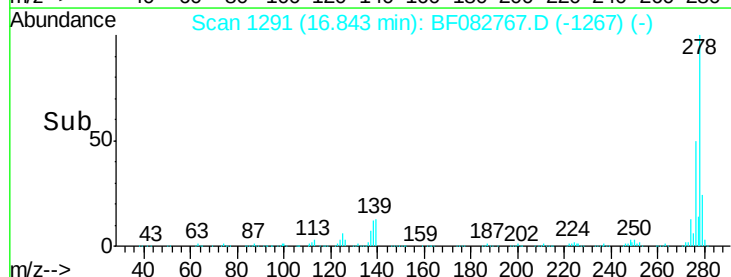
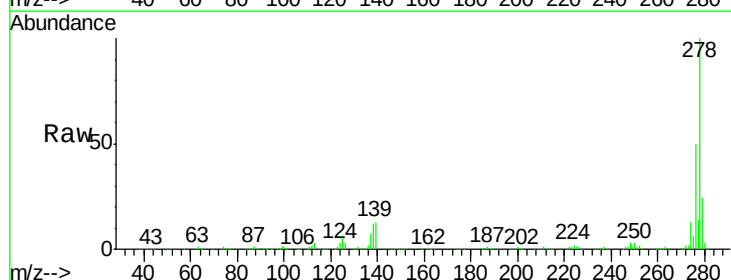
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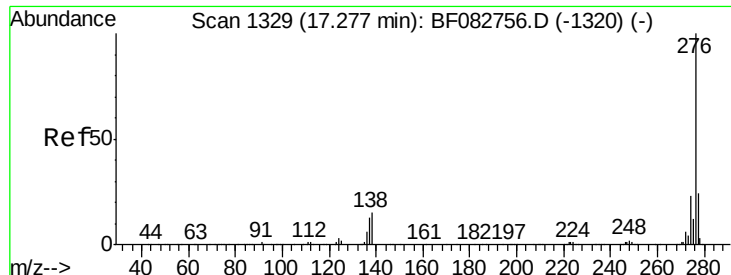
Mmdadoda
11/9/2015 2:10:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.92 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF082767.D
Acq: 6 Nov 2015 18:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.9	14.9
279	24.0	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.47 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF082767.D
 Acq: 6 Nov 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BS

Tot Ion:	276	Resp:	743228
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.2	28.8
138	17.0	13.1	19.7

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 11/9/2015 2:10:19 PM

