

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083128.D
 Acq On : 22 Nov 2015 00:07
 Operator : UM/IZ
 Sample : PB86793BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:30 PM

Quant Time: Nov 22 09:40:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	203564	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	776697	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	390057	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	727913	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	645210	20.00	ng	-0.01
86) Perylene-d12	15.15	264	602067	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1290139	95.82	ng	-0.01
7) Phenol-d6	6.33	99	1729199	99.26	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1071174	63.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	361223	90.52	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1808457	64.65	ng	0.00
78) Terphenyl-d14	12.75	244	1769383	64.58	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	180542	27.07	ng	96
3) Pyridine	2.98	79	513134	29.13	ng	99
4) n-Nitrosodimethylamine	2.84	42	251191	30.92	ng	96
6) Aniline	6.33	93	399064	18.74	ng	# 23
8) 2-Chlorophenol	6.44	128	452167	31.08	ng	100
9) Benzaldehyde	6.20	77	304672	33.21	ng	91
10) Phenol	6.34	94	620458	29.44	ng	# 74
11) bis(2-Chloroethyl)ether	6.40	93	480125	31.90	ng	98
12) 1,3-Dichlorobenzene	6.59	146	504667m	30.38	ng	
13) 1,4-Dichlorobenzene	6.67	146	495520	29.49	ng	94
14) 1,2-Dichlorobenzene	6.82	146	453985	29.73	ng	98
15) Benzyl Alcohol	6.82	79	449398	30.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	780860	33.28	ng	84
17) 2-Methylphenol	6.95	107	381564	31.70	ng	98
18) Hexachloroethane	7.16	117	177134	29.93	ng	# 87
19) n-Nitroso-di-n-propylamine	7.08	70	352685	29.09	ng	99
20) 3+4-Methylphenols	7.10	107	512834	33.70	ng	92
22) Acetophenone	7.07	105	647220	29.03	ng	# 99
24) Nitrobenzene	7.24	77	560112	30.84	ng	98
25) Isophorone	7.50	82	952016	29.58	ng	97
26) 2-Nitrophenol	7.56	139	239823	29.91	ng	94
27) 2,4-Dimethylphenol	7.62	122	408993	31.96	ng	96
28) bis(2-Chloroethoxy)methane	7.71	93	587253	31.38	ng	99
29) 2,4-Dichlorophenol	7.82	162	399794	32.85	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	392726	29.38	ng	98
31) Naphthalene	7.96	128	1301738	31.05	ng	99
32) Benzoic acid	7.77	122	291622	29.32	ng	96
33) 4-Chloroaniline	8.03	127	224351	13.79	ng	# 86
34) Hexachlorobutadiene	8.09	225	237758	30.09	ng	99
35) Caprolactam	8.42	113	123056	31.55	ng	98
36) 4-Chloro-3-methylphenol	8.52	107	430968	30.57	ng	86
37) 2-Methylnaphthalene	8.66	142	831376m	30.56	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	379584	30.03	ng	97
40) Hexachlorocyclopentadiene	8.81	237	429095	59.69	ng	99

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083128.D
 Acq On : 22 Nov 2015 00:07
 Operator : UM/IZ
 Sample : PB86793BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

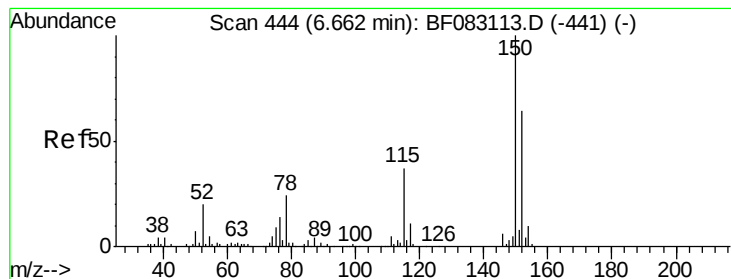
Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:30 PM

Quant Time: Nov 22 09:40:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	285973	31.58	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	286150	30.91	nq	98
45) 1,1'-Biphenyl	9.12	154	996428	30.01	nq	97
46) 2-Chloronaphthalene	9.14	162	810622	31.09	nq	96
47) 2-Nitroaniline	9.24	65	283564	30.74	nq	99
48) Acenaphthylene	9.55	152	1243931	30.78	nq	99
49) Dimethylphthalate	9.44	163	1002274	33.38	nq	99
50) 2,6-Dinitrotoluene	9.48	165	202008	29.98	nq	93
51) Acenaphthene	9.72	154	753473	30.64	nq	99
52) 3-Nitroaniline	9.66	138	108131	15.05	nq	# 63
53) 2,4-Dinitrophenol	9.76	184	241936	62.32	nq	# 86
54) Dibenzofuran	9.90	168	1073349	30.86	nq	96
55) 4-Nitrophenol	9.85	139	333880	60.61	nq	98
56) 2,4-Dinitrotoluene	9.90	165	270227	31.65	nq	# 82
57) Fluorene	10.24	166	891385	31.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	244825	32.24	nq	99
59) Diethylphthalate	10.14	149	962315	32.19	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	420128	31.92	nq	# 84
61) 4-Nitroaniline	10.27	138	202892	28.69	nq	91
62) Azobenzene	10.40	77	1124321	32.95	nq	87
64) 4,6-Dinitro-2-methylphenol	10.30	198	170281	33.95	nq	96
65) n-Nitrosodiphenylamine	10.35	169	754661	30.48	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	250993	31.07	nq	# 85
67) Hexachlorobenzene	10.79	284	283515	31.87	nq	# 84
68) Atrazine	10.90	200	257658	35.84	nq	93
69) Pentachlorophenol	10.98	266	346102	59.74	nq	98
70) Phenanthrene	11.19	178	1311983	31.28	nq	99
71) Anthracene	11.24	178	1415122	33.07	nq	99
72) Carbazole	11.40	167	1209925	31.81	nq	99
73) Di-n-butylphthalate	11.75	149	1466023	31.58	nq	99
74) Fluoranthene	12.38	202	1429977	33.32	nq	95
76) Benzidine	12.50	184	561598	33.21	nq	99
77) Pyrene	12.59	202	1387791	31.48	nq	99
79) Butylbenzylphthalate	13.23	149	631166	30.25	nq	95
80) Benzo(a)anthracene	13.78	228	1307681	32.77	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	296790	21.37	nq	99
82) Chrysene	13.82	228	1078667	29.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	883762	32.44	nq	# 93
84) Di-n-octyl phthalate	14.41	149	1531489	32.65	nq	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1139690	33.86	nq	98
87) Benzo(b)fluoranthene	14.79	252	1221216m	29.69	nq	
88) Benzo(k)fluoranthene	14.81	252	1016249m	33.16	nq	
89) Benzo(a)pyrene	15.11	252	1102704	32.47	nq	# 98
90) Dibenzo(a,h)anthracene	16.43	278	970231	31.45	nq	# 97
91) Benzo(g,h,i)perylene	16.80	276	932074	30.95	nq	# 96

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



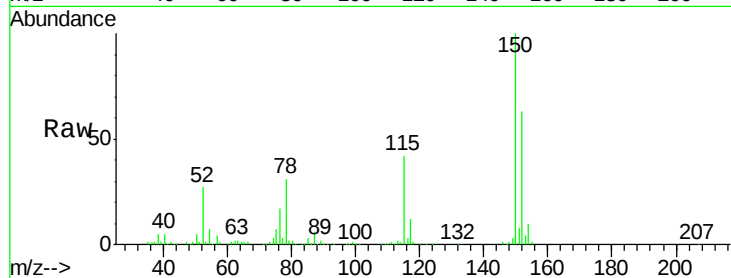
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.8	188.8
115	66.7	46.9	70.3

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:30 PM

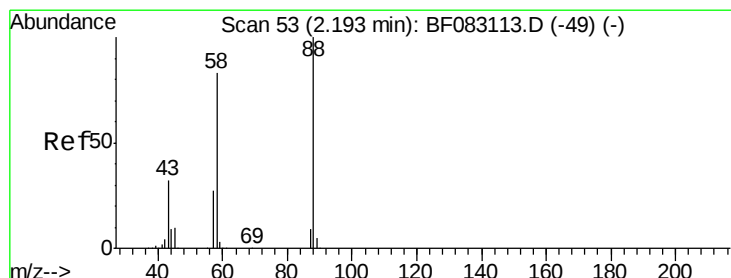
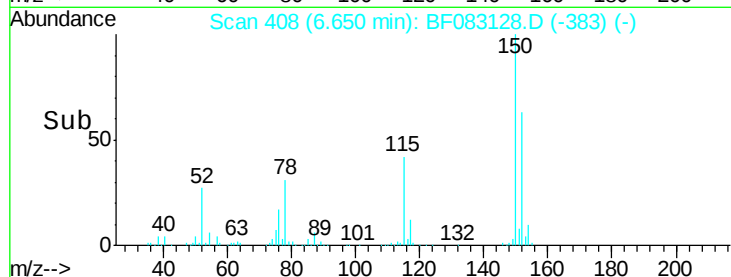
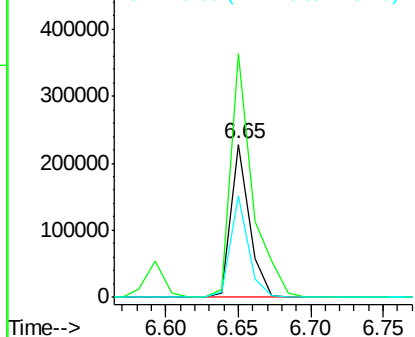


Abundance

Ion 152.00 (151.70 to 152.70): E

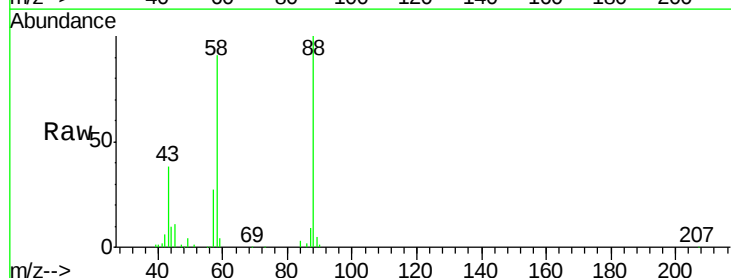
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 27.07 ng
 RT: 2.24 min Scan# 22
 Delta R.T. 0.05 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	65.0	97.6
43	35.8	24.7	37.1

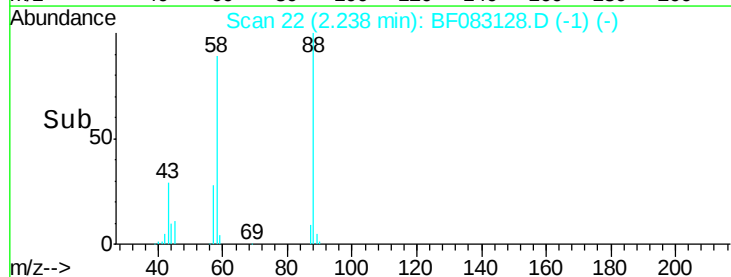
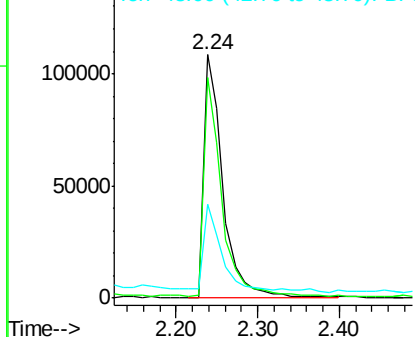


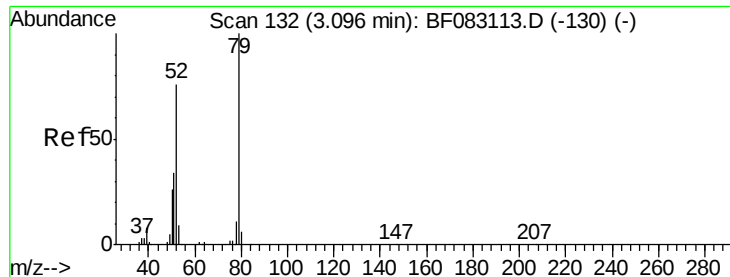
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.13 ng

RT: 2.98 min Scan# 87

Delta R.T. -0.11 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

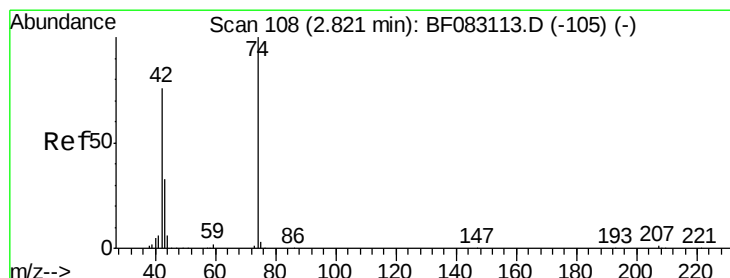
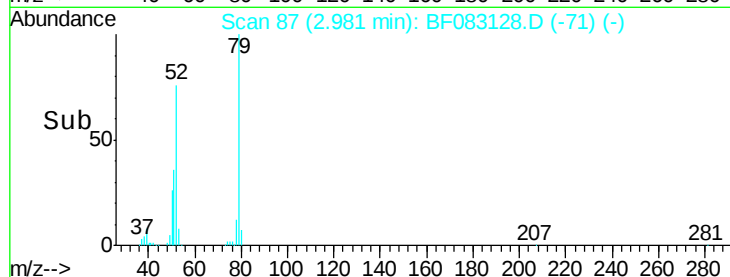
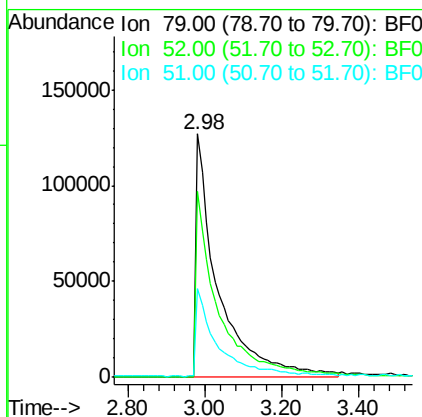
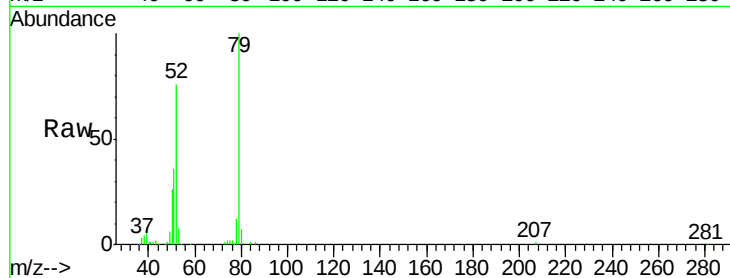
ClientSampleId :

PB86793BS

Tot Ion:	79	Resp:	513134
Ion Ratio	Lower	Upper	
79	100		
52	76.4	60.7	91.1
51	36.2	27.9	41.9

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#4

n-Nitrosodimethylamine

Concen: 30.92 ng

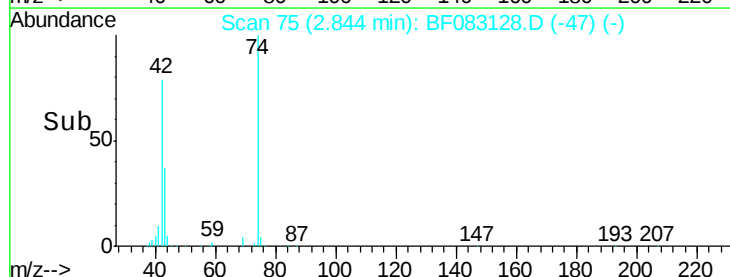
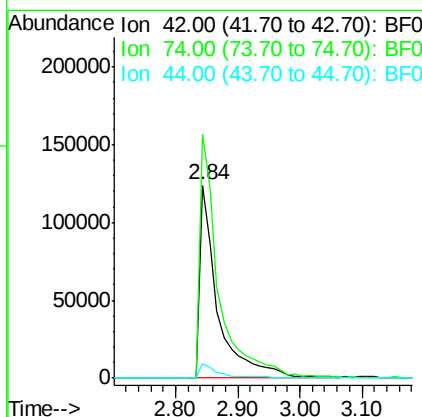
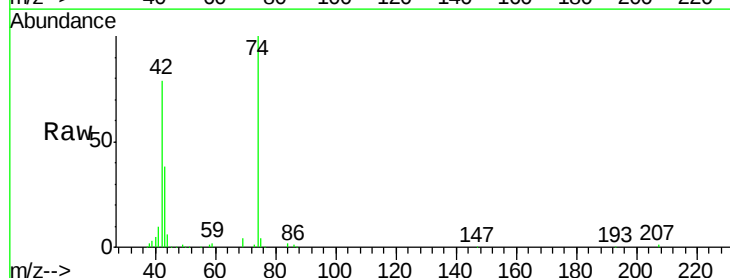
RT: 2.84 min Scan# 75

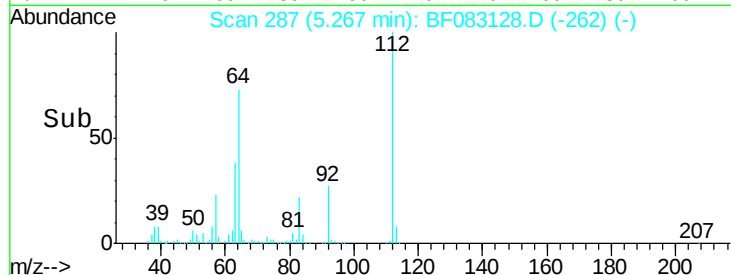
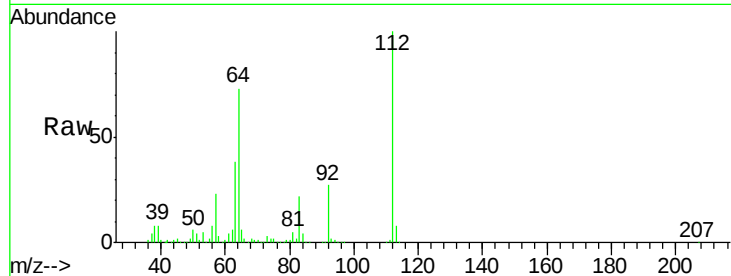
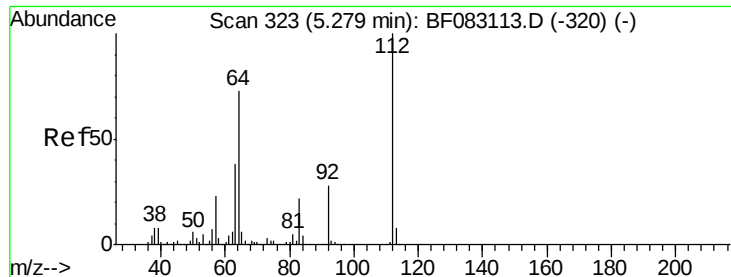
Delta R.T. 0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	42	Resp:	251191
Ion Ratio	Lower	Upper	
42	100		
74	126.3	104.8	157.2
44	7.3	6.2	9.4





#5

2-Fluorophenol

Concen: 95.82 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

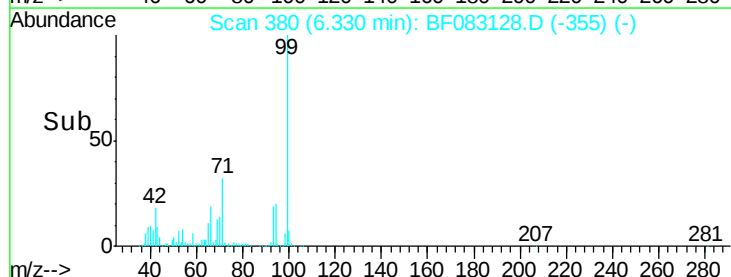
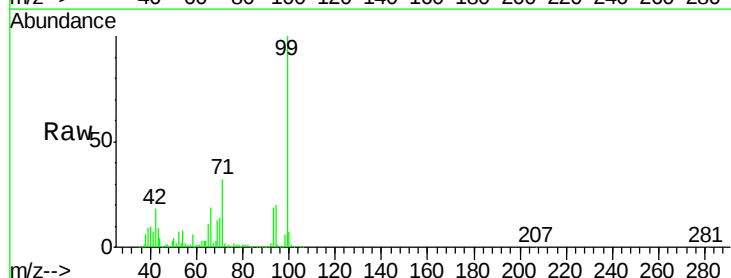
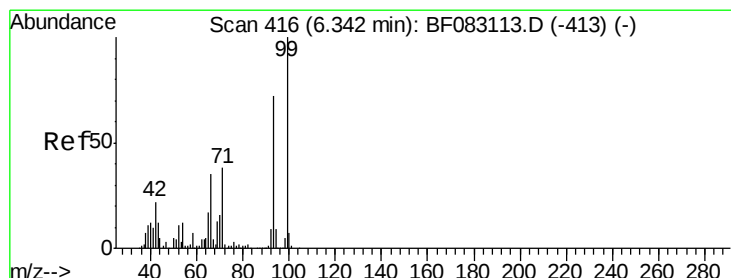
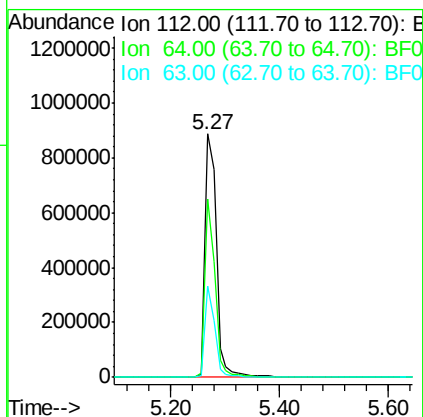
ClientSampleId :

PB86793BS

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
64	73.3	58.4		87.6	
63	37.6	30.0		45.0	



#6

Aniline

Concen: 18.74 ng

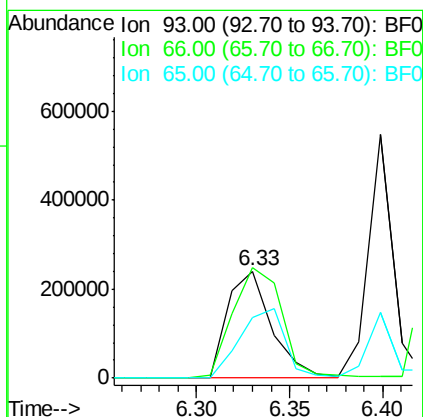
RT: 6.33 min Scan# 380

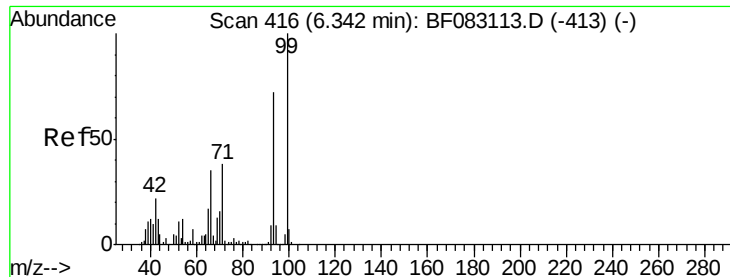
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
66	103.5	38.7		58.1#	
65	56.3	18.6		27.8#	





#7

Phenol-d6

Concen: 99.26 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

PB86793BS

Tot Ion: 99 Resp: 1729199

Ion Ratio Lower Upper

99 100

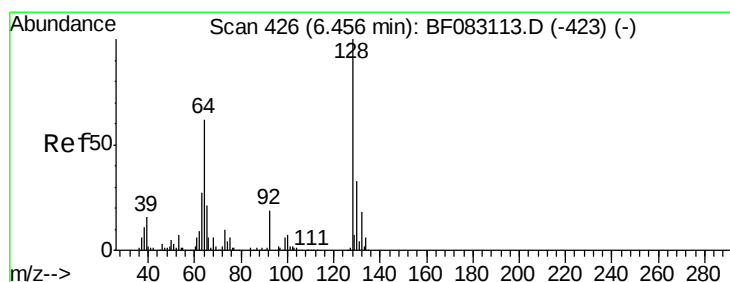
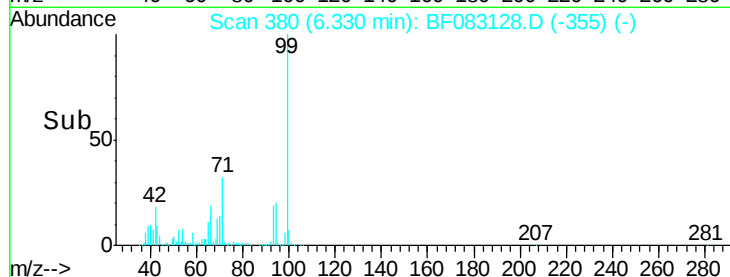
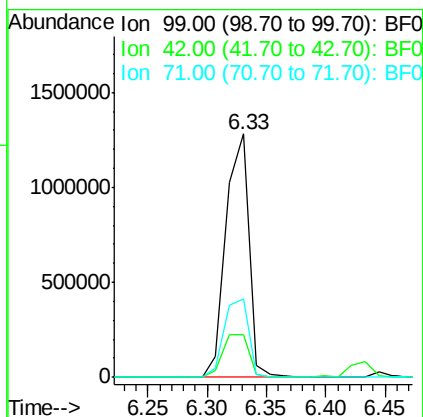
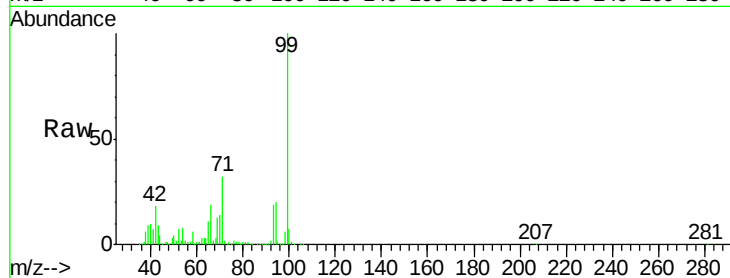
42 17.5 17.7 26.5#

71 32.4 30.2 45.4

Manual Integrations
APPROVED

Mmdadoda

11/23/2015 7:01:30 PM



#8

2-Chlorophenol

Concen: 31.08 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

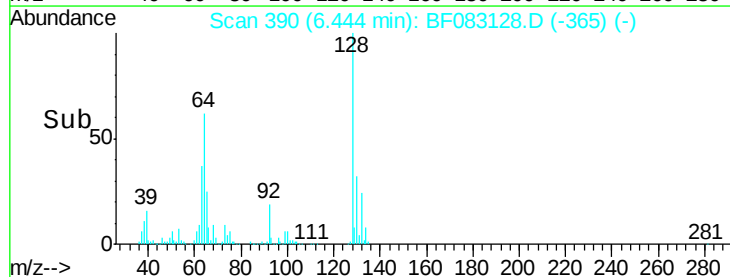
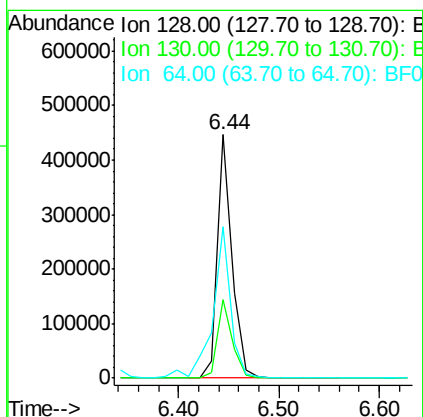
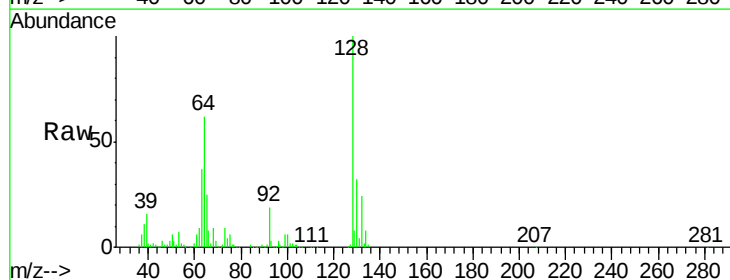
Tgt Ion: 128 Resp: 452167

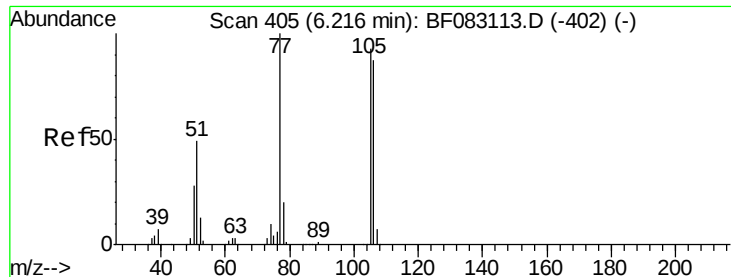
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 62.2 41.9 81.9





#9

Benzaldehyde

Concen: 33.21 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

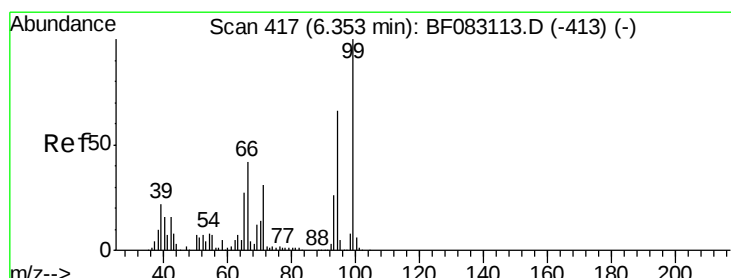
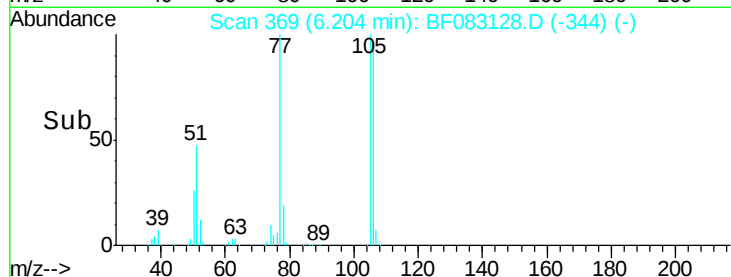
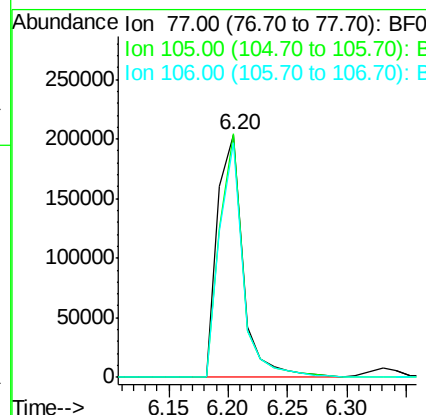
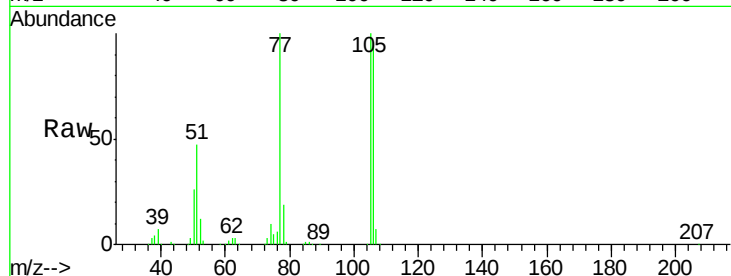
ClientSampleId :

PB86793BS

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	73.4	113.4
106	96.7	67.5	107.5



#10

Phenol

Concen: 29.44 ng

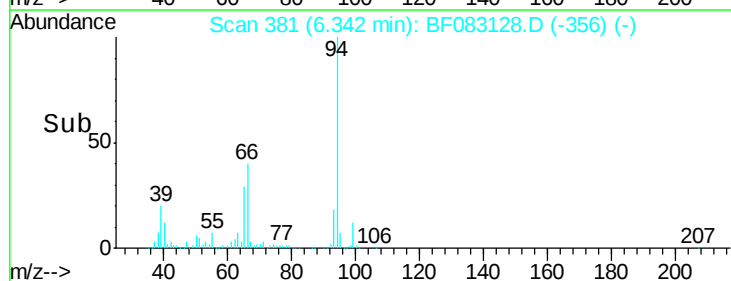
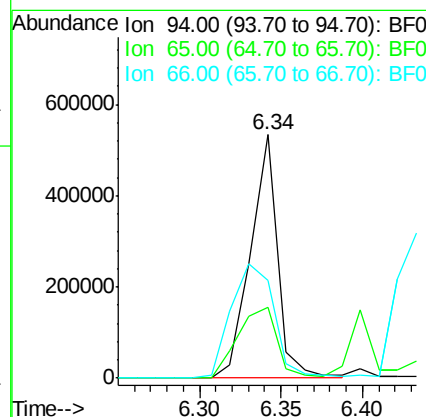
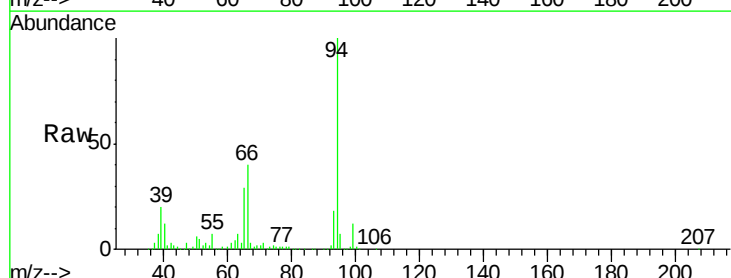
RT: 6.34 min Scan# 381

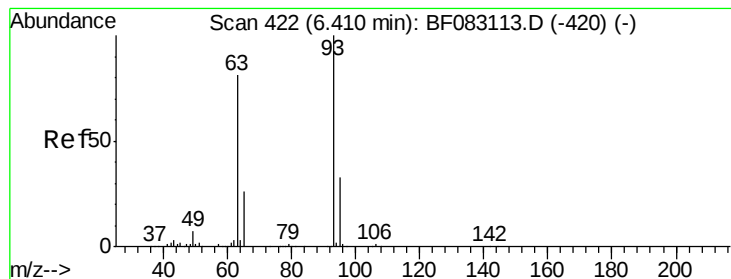
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	21.1	61.1
66	40.0	43.1	83.1#





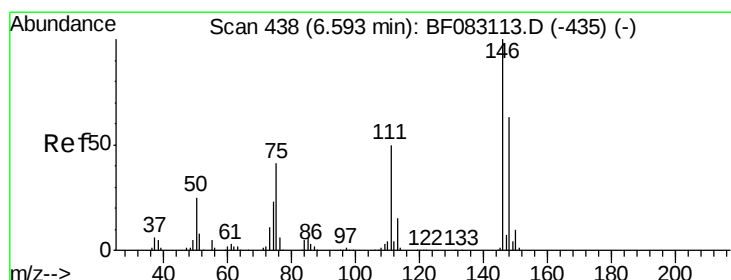
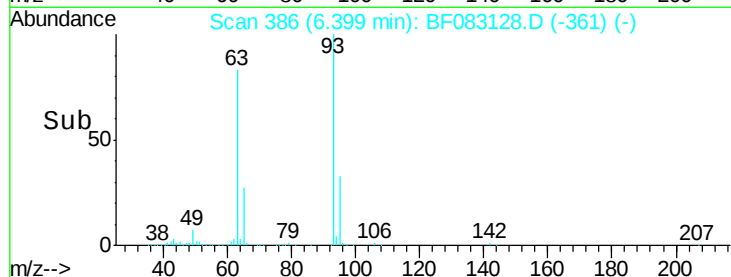
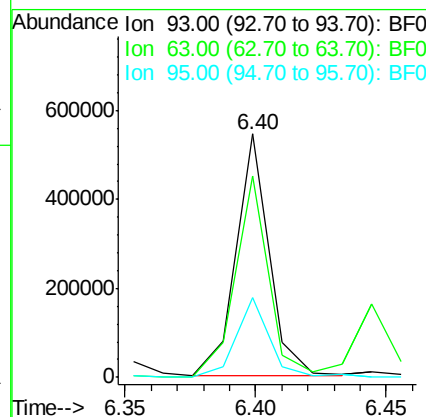
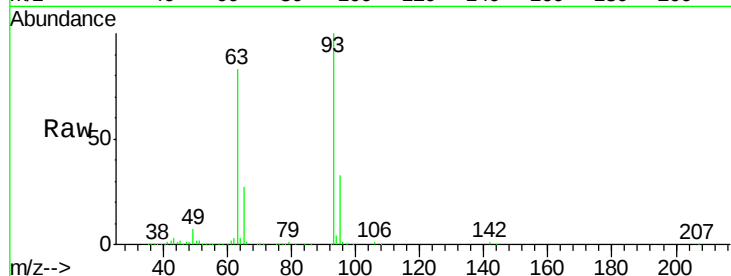
#11
bis(2-Chloroethyl)ether
Concen: 31.90 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	480125		
63	82.7	59.8	99.8	
95	32.8	13.0	53.0	

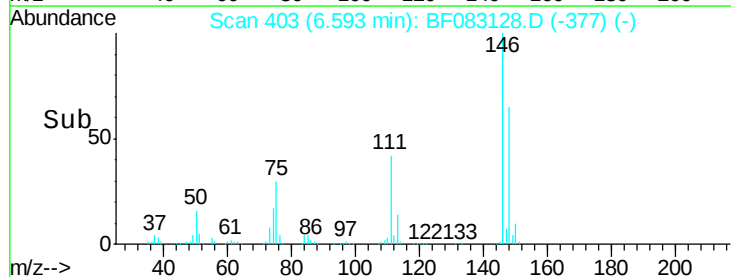
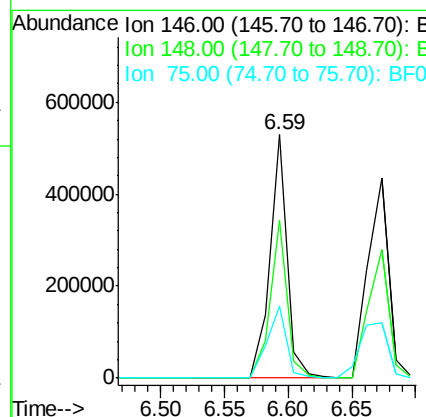
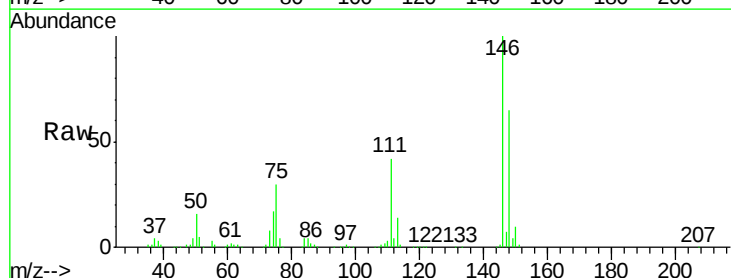
Manual Integrations
APPROVED

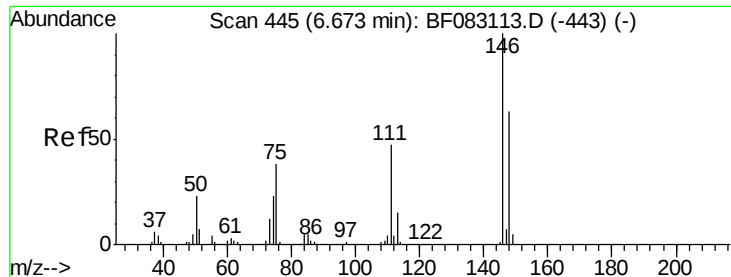
Mmdadoda
11/23/2015 7:01:30 PM



#12
1,3-Dichlorobenzene
Concen: 30.38 ng m
RT: 6.59 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	504667		
148	65.0	50.2	75.2	
75	29.6	32.7	49.1	





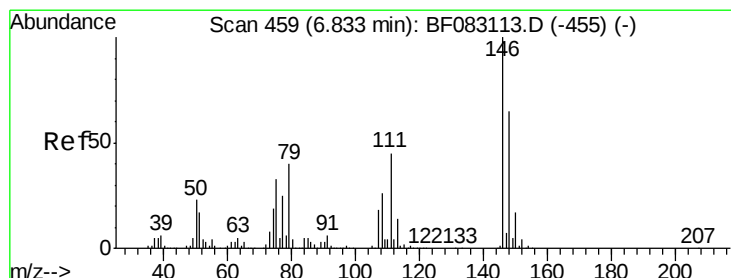
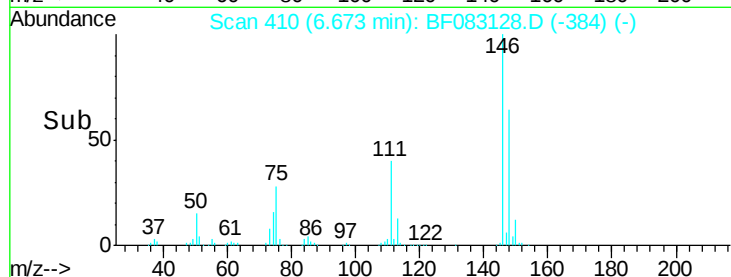
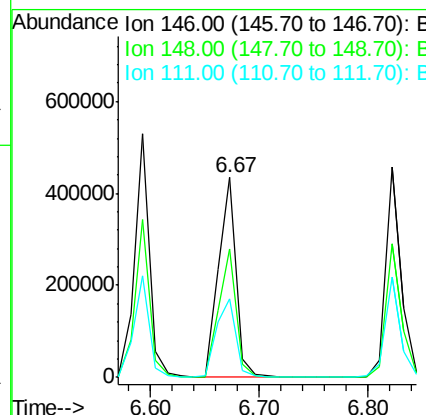
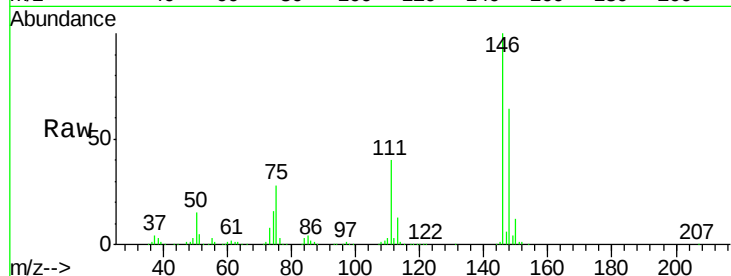
#13
1,4-Dichlorobenzene
Concen: 29.49 ng
RT: 6.67 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	39.5	37.5	56.3

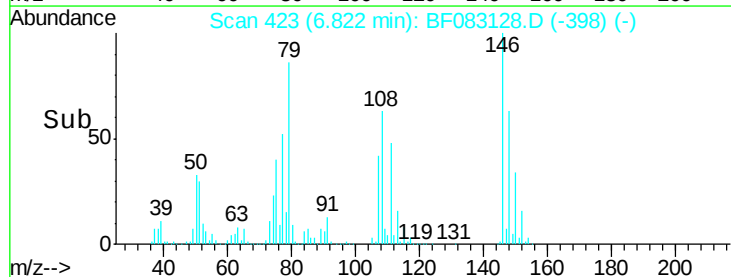
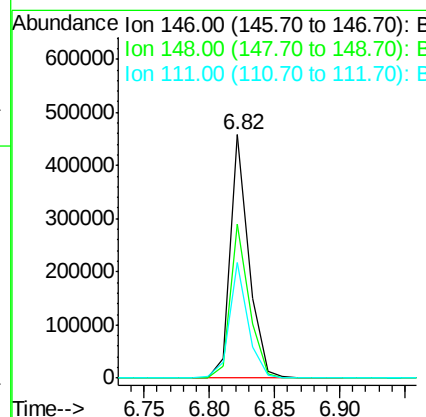
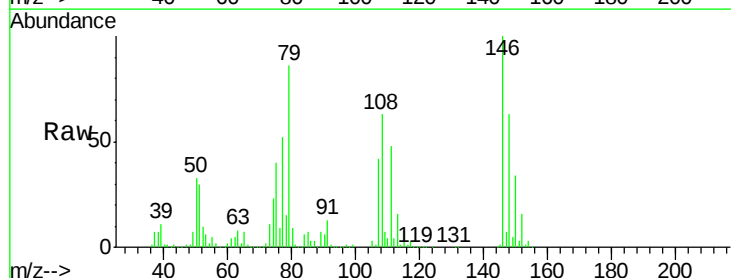
Manual Integrations
APPROVED

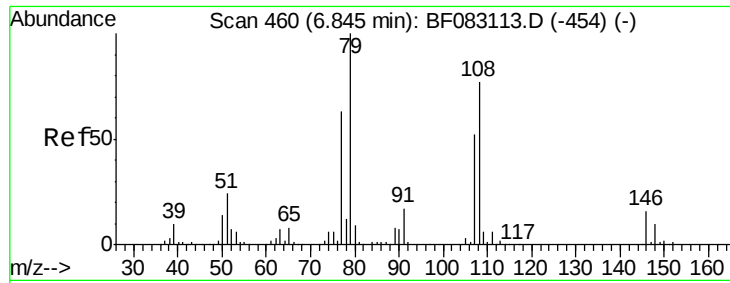
Mmdadoda
11/23/2015 7:01:30 PM



#14
1,2-Dichlorobenzene
Concen: 29.73 ng
RT: 6.82 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	47.7	36.2	54.4





#15

Benzyl Alcohol

Concen: 30.87 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

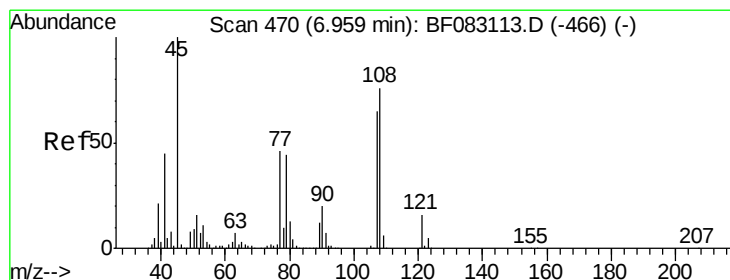
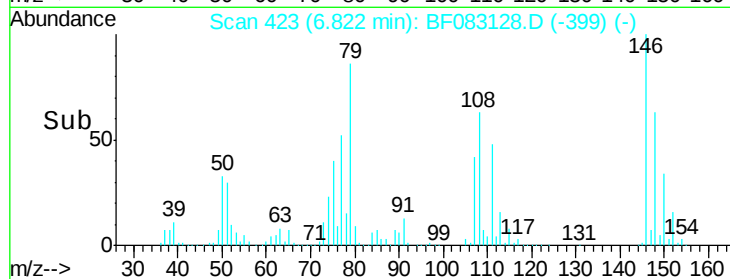
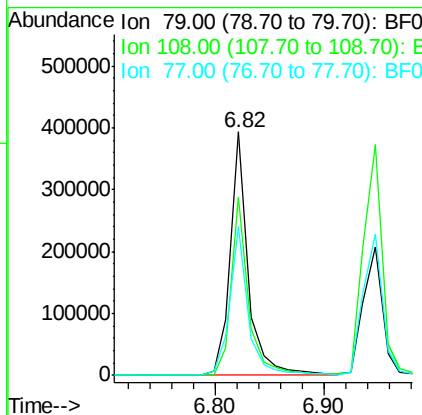
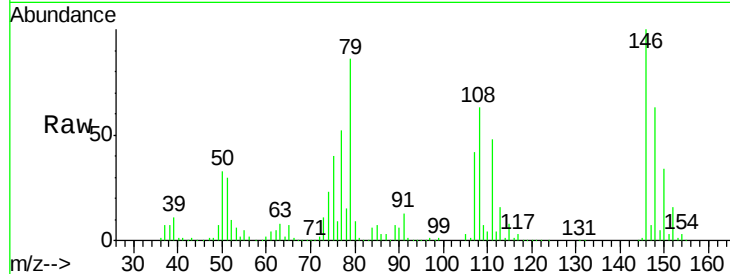
ClientSampleId :

PB86793BS

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

Tot Ion:	79	Resp:	449398
Ion Ratio	Lower	Upper	
79	100		
108	73.4	61.4	92.2
77	60.9	50.5	75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.28 ng

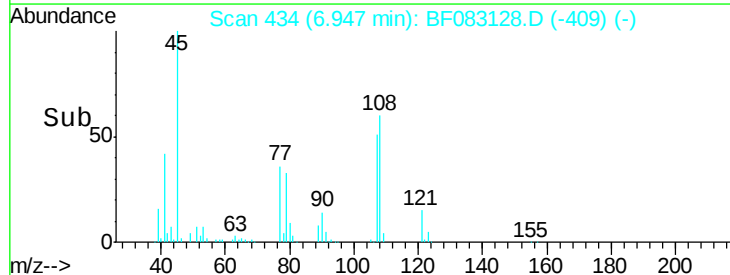
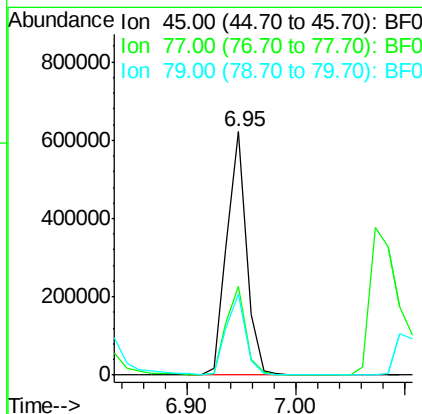
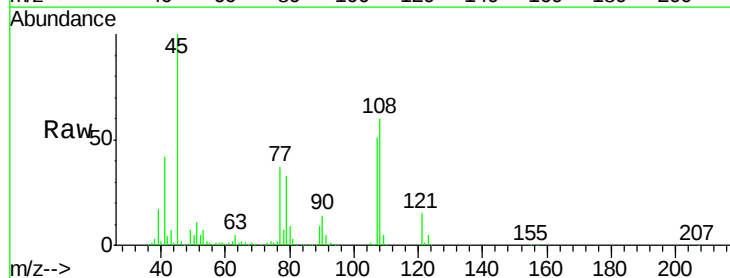
RT: 6.95 min Scan# 434

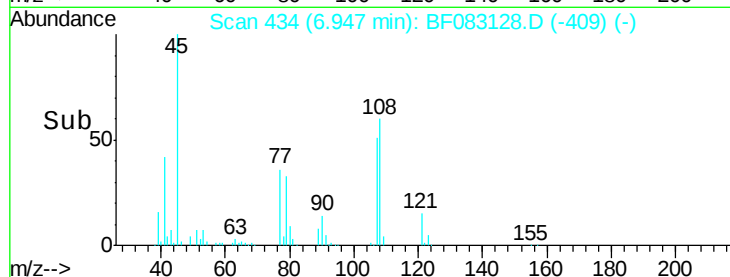
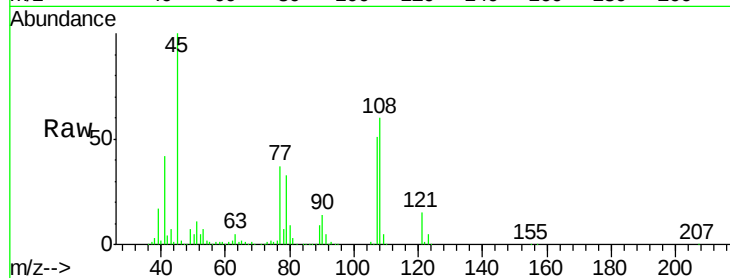
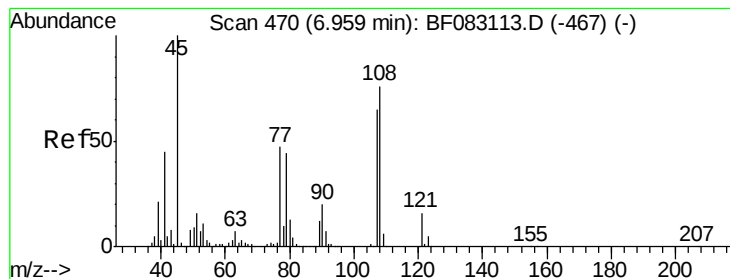
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	45	Resp:	780860
Ion Ratio	Lower	Upper	
45	100		
77	36.6	26.7	66.7
79	33.2	24.3	64.3





#17

2-Methylphenol

Concen: 31.70 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tot Ion	Ratio	Resp	Lower	Upper
107	100	381564		
108	118.5	93.8	140.6	
77	72.3	57.4	86.0	
79	65.6	54.4	81.6	

Instrument :

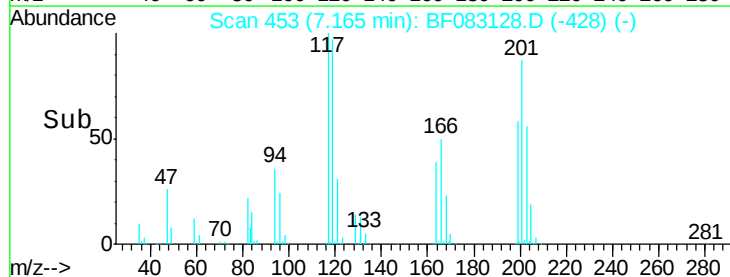
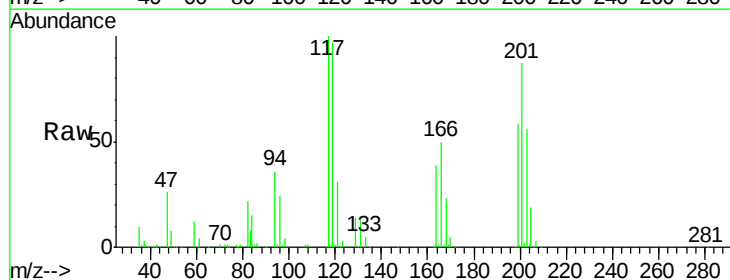
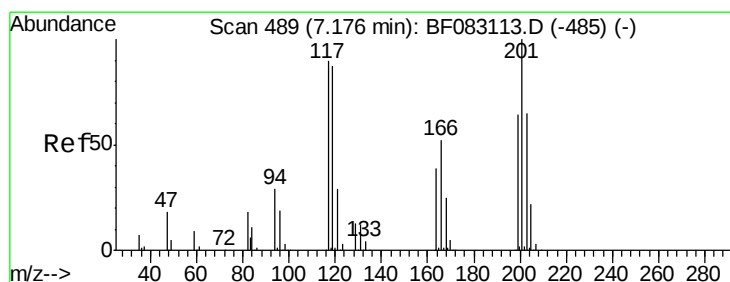
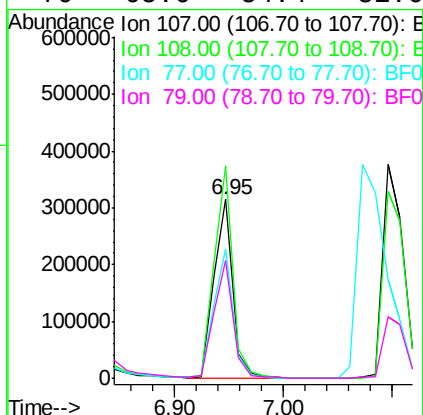
BNA_F

ClientSampleId :

PB86793BS

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#18

Hexachloroethane

Concen: 29.93 ng

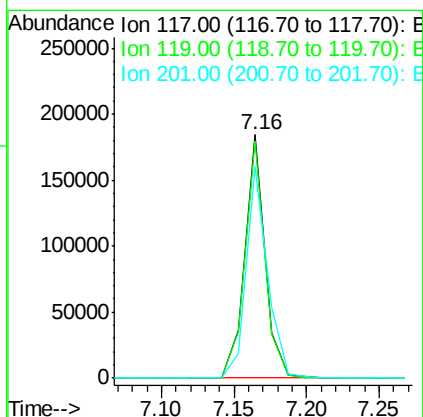
RT: 7.16 min Scan# 453

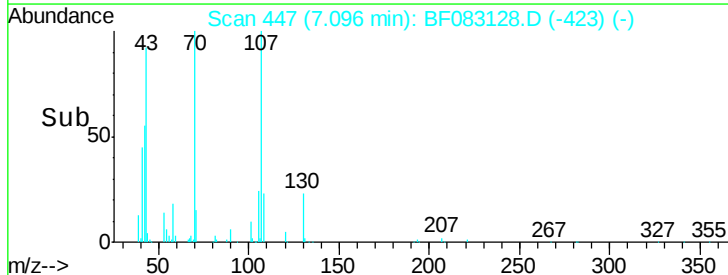
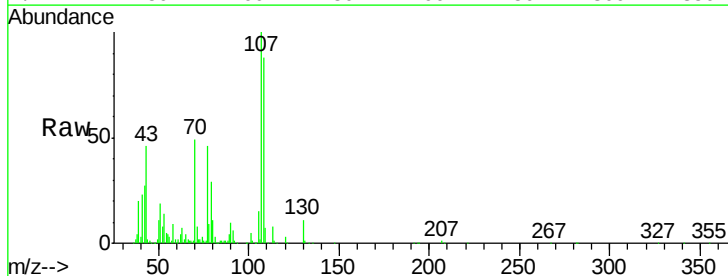
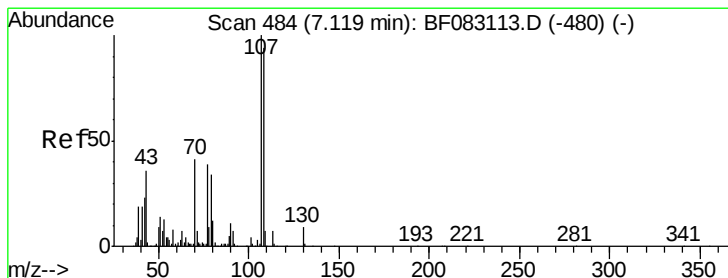
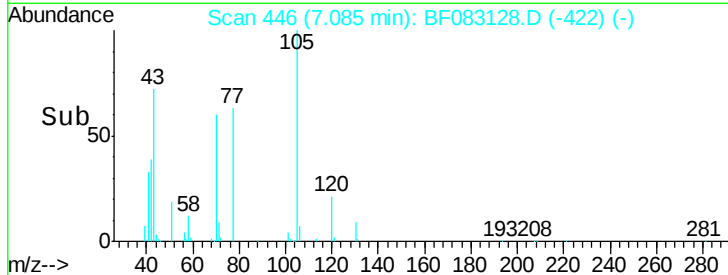
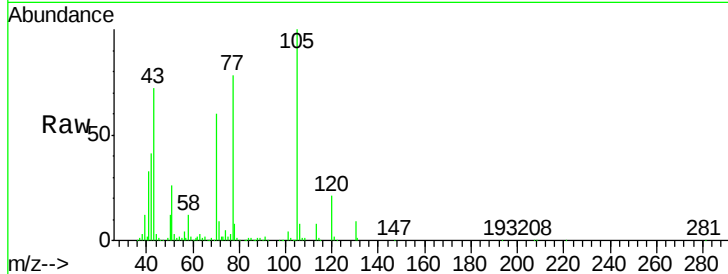
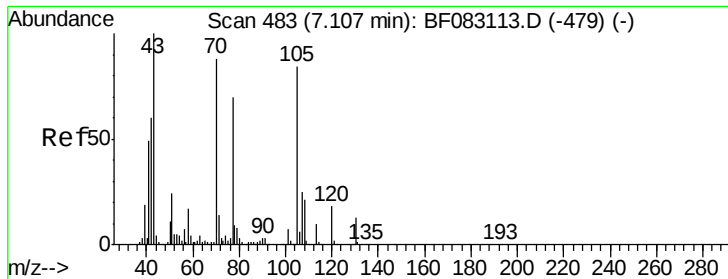
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177134		
119	97.3	76.8	115.2	
201	87.0	88.6	133.0#	





#19

n-Nitroso-di-n-propylamine

Concen: 29.09 ng

RT: 7.08 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

PB86793BS

Tot Ion: 70 Resp: 352685

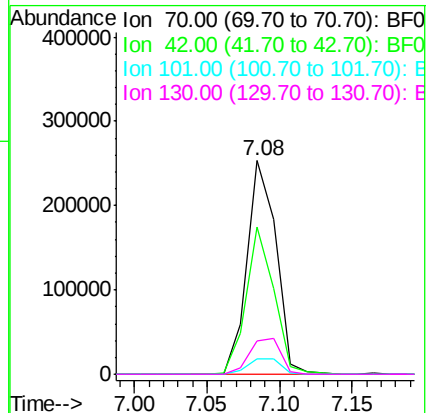
Ion Ratio Lower Upper

70 100

42 68.9 54.5 81.7

101 7.4 6.6 9.8

130 15.4 11.5 17.3



Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

#20

3+4-Methylphenols

Concen: 33.70 ng

RT: 7.10 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:107 Resp: 512834

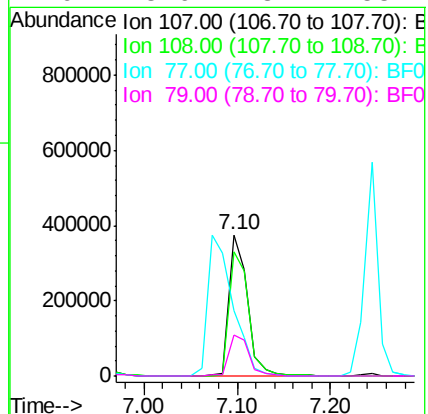
Ion Ratio Lower Upper

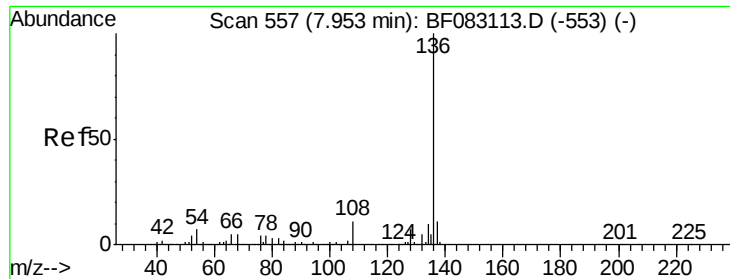
107 100

108 87.9 73.8 113.8

77 46.2 19.1 59.1

79 28.6 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083128.D

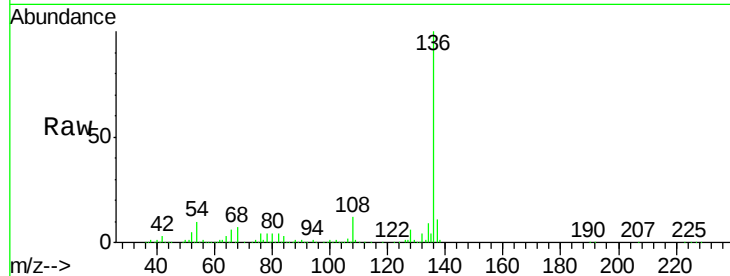
Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

PB86793BS



Tot Ion:136 Resp: 776697

Ion Ratio Lower Upper

136 100

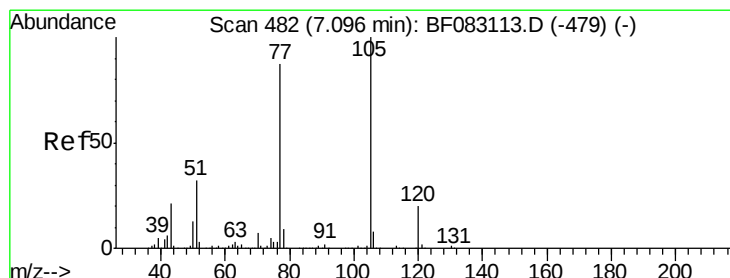
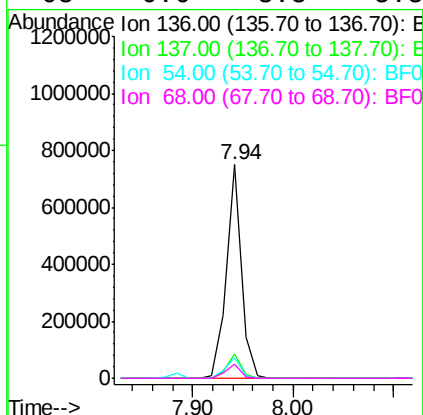
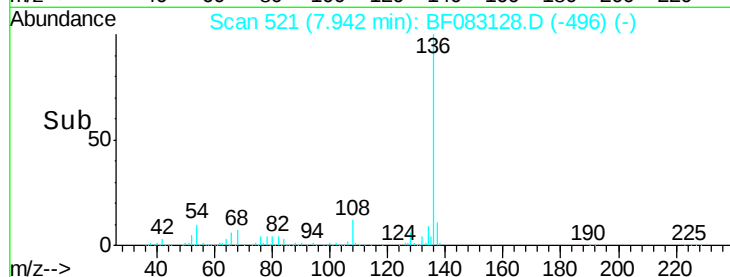
137 11.5 8.7 13.1

54 9.6 5.8 8.6#

68 6.6 3.8 5.8#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#22

Acetophenone

Concen: 29.03 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:105 Resp: 647220

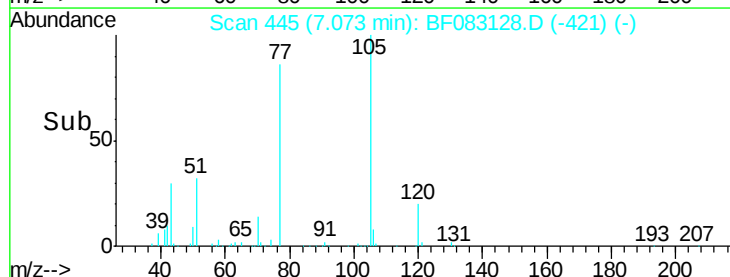
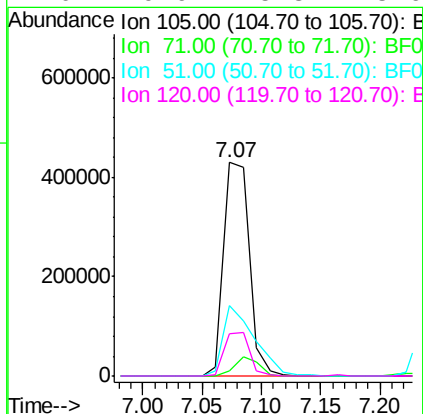
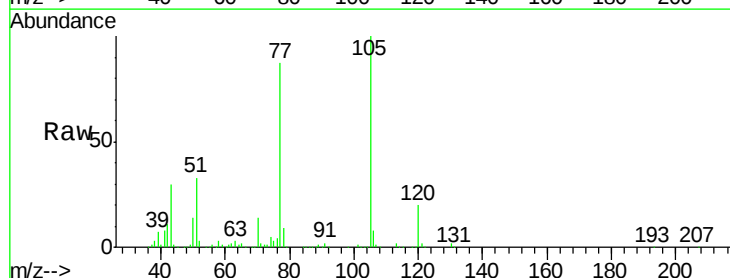
Ion Ratio Lower Upper

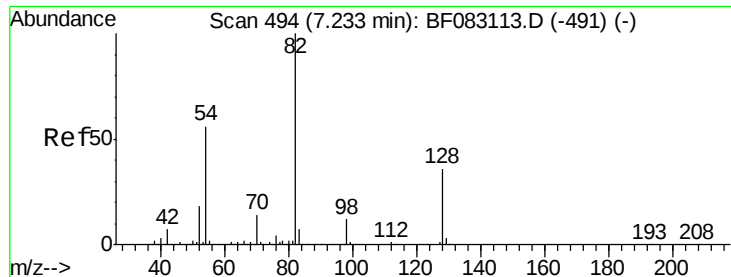
105 100

71 2.3 1.0 1.4#

51 33.0 25.6 38.4

120 19.9 15.8 23.6





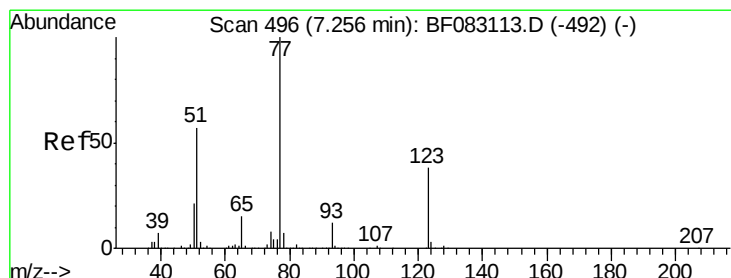
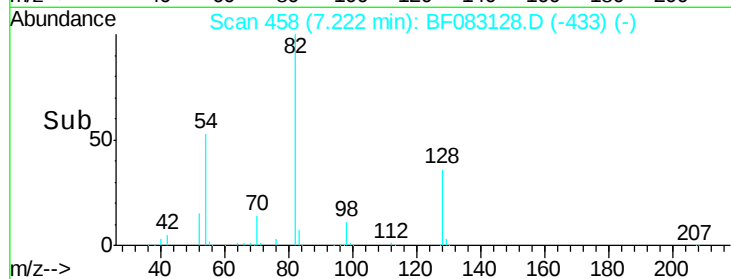
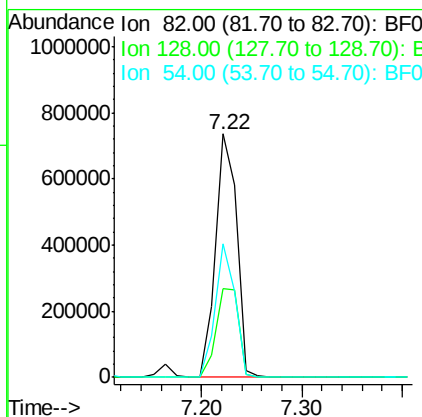
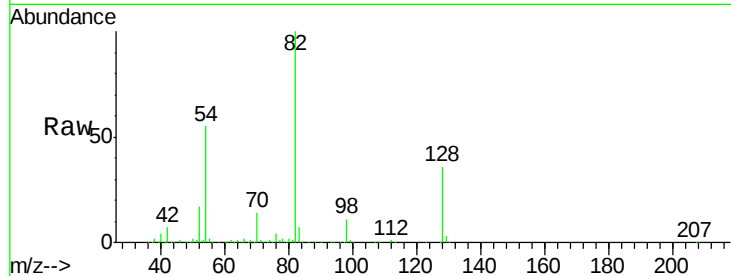
#23
Nitrobenzene-d5
Concen: 63.02 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	82	Resp	1071174
Ion Ratio	100	Lower	Upper
82	100		
128	36.3	28.5	42.7
54	54.7	44.6	67.0

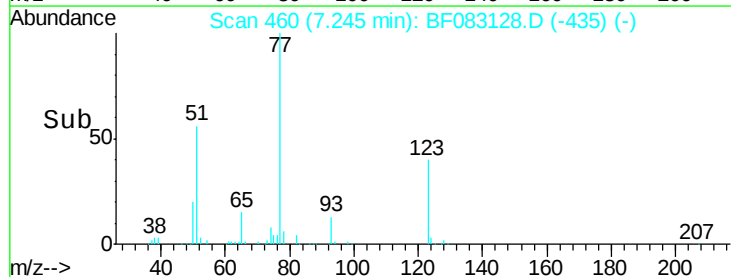
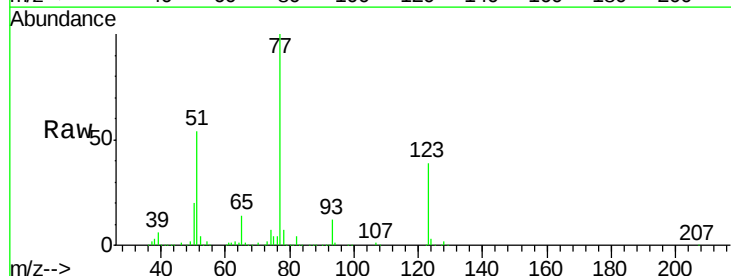
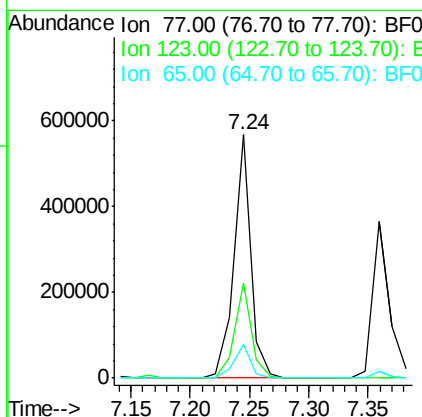
Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#24
Nitrobenzene
Concen: 30.84 ng
RT: 7.24 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	77	Resp	560112
Ion Ratio	100	Lower	Upper
77	100		
123	39.2	30.1	45.1
65	13.9	11.6	17.4





#25

Isophorone

Concen: 29.58 ng

RT: 7.50 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

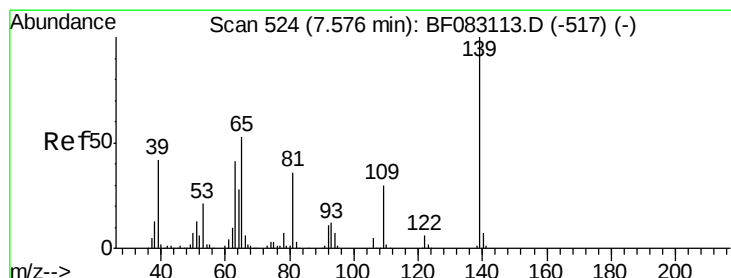
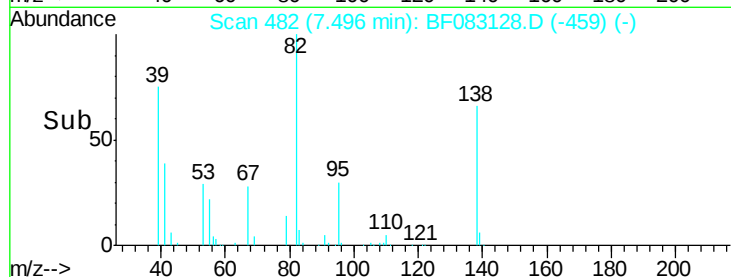
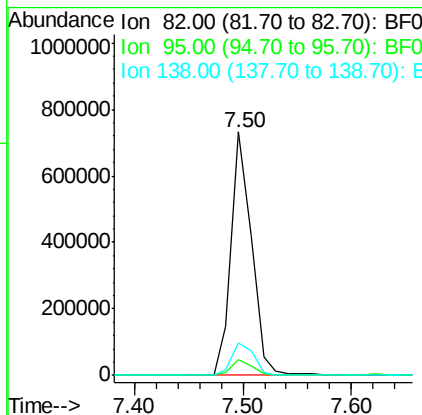
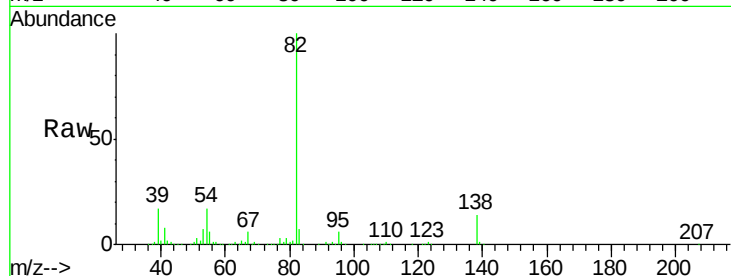
ClientSampleId :

PB86793BS

Tot Ion:	82	Resp:	952016
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.8	8.8
138	13.5	11.6	17.4

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#26

2-Nitrophenol

Concen: 29.91 ng

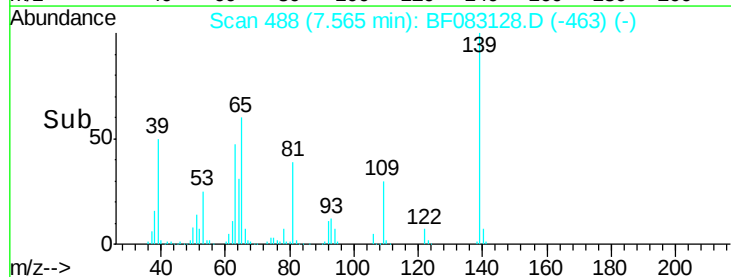
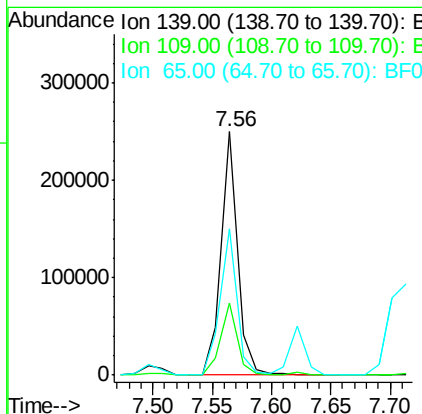
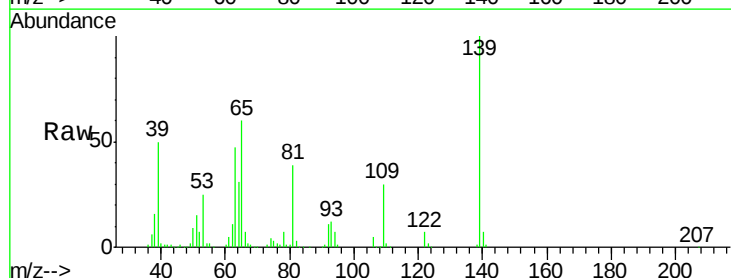
RT: 7.56 min Scan# 488

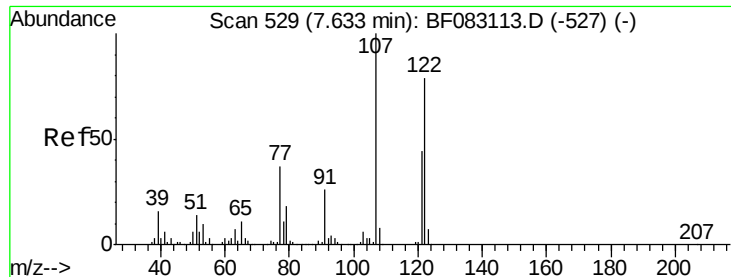
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	139	Resp:	239823
Ion Ratio	Lower	Upper	
139	100		
109	29.6	23.9	35.9
65	60.0	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 31.96 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

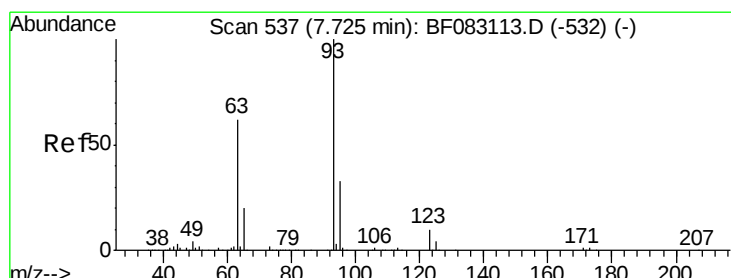
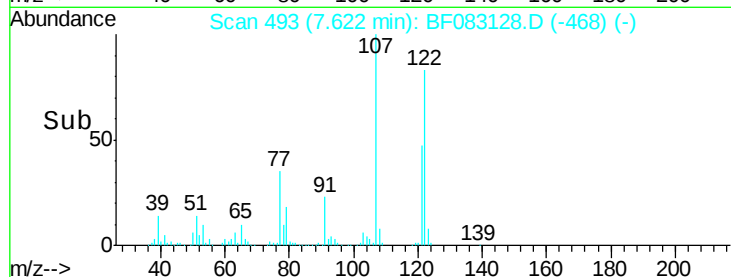
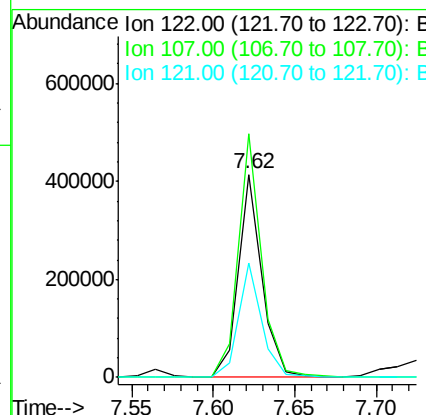
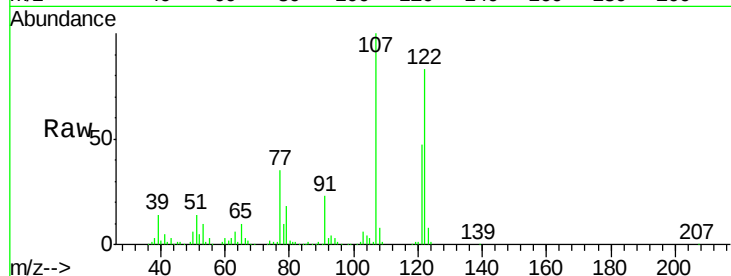
ClientSampleId :

PB86793BS

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

Tot Ion:	122	Resp:	408993
Ion Ratio	Lower	Upper	
122	100		
107	119.9	101.1	151.7
121	56.5	44.9	67.3



#28

bis(2-Chloroethoxy)methane

Concen: 31.38 ng

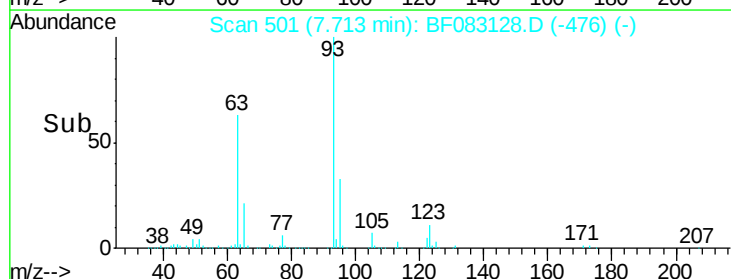
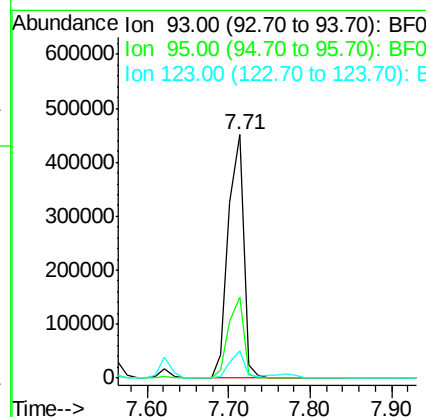
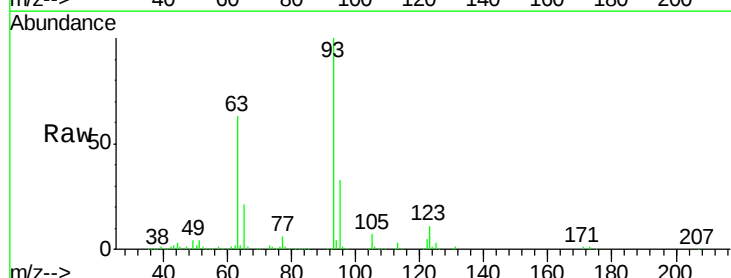
RT: 7.71 min Scan# 501

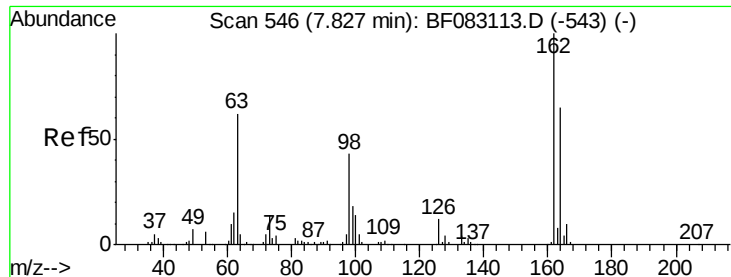
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	93	Resp:	587253
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	11.1	8.1	12.1





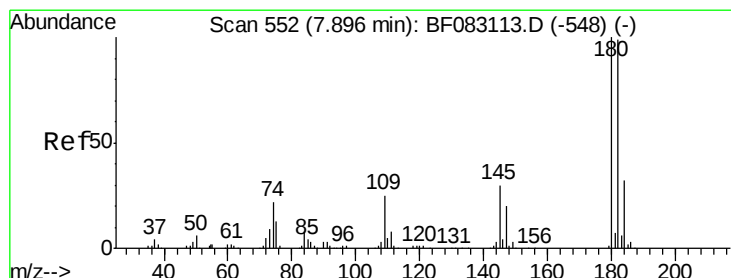
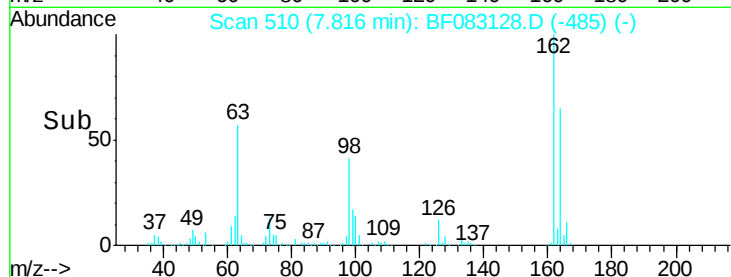
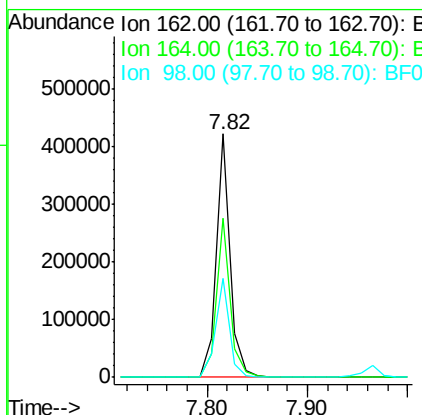
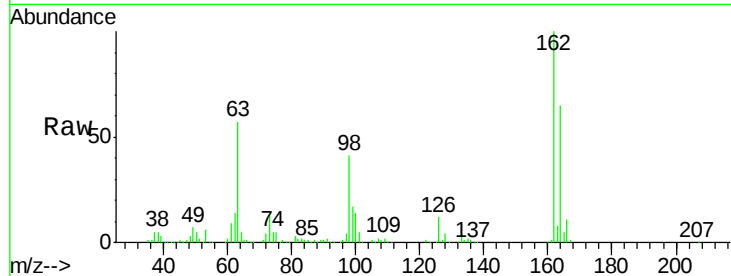
#29
 2,4-Dichlorophenol
 Concen: 32.85 ng
 RT: 7.82 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Tot Ion:	162	Resp:	399794
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.8	84.8
98	40.5	23.1	63.1

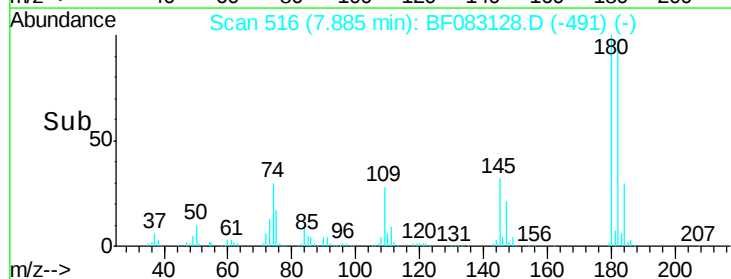
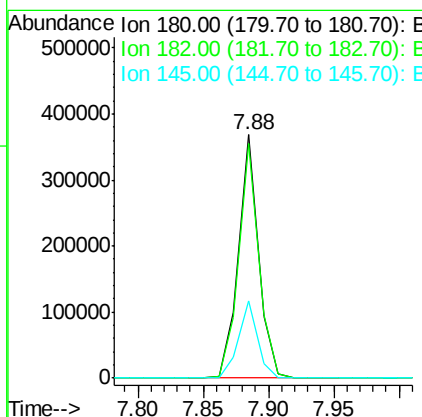
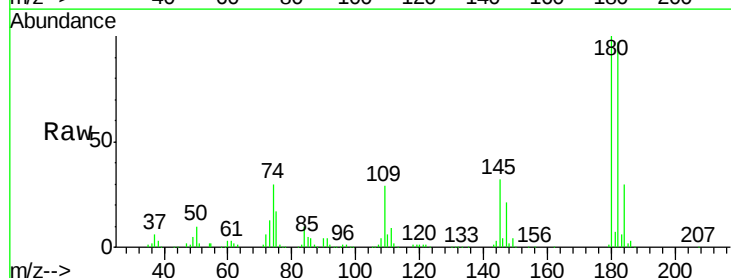
Manual Integrations
 APPROVED

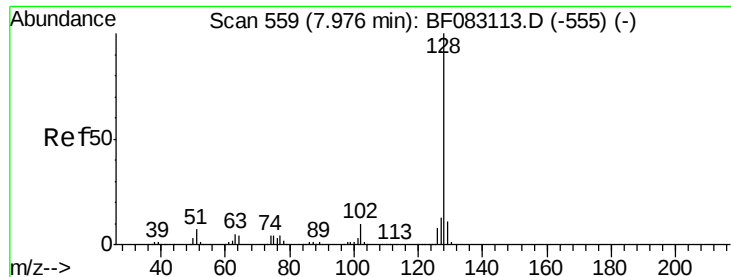
Mmdadoda
 11/23/2015 7:01:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 29.38 ng
 RT: 7.88 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Tgt Ion:	180	Resp:	392726
Ion Ratio	Lower	Upper	
180	100		
182	96.6	79.0	118.6
145	31.6	24.2	36.2





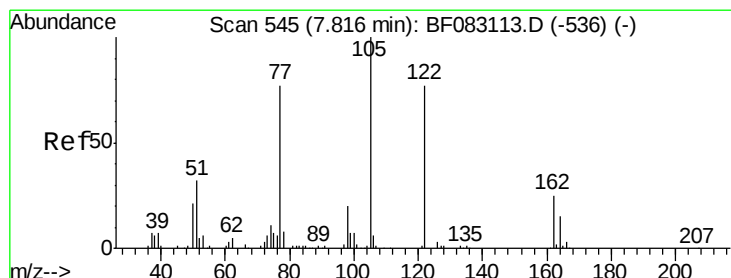
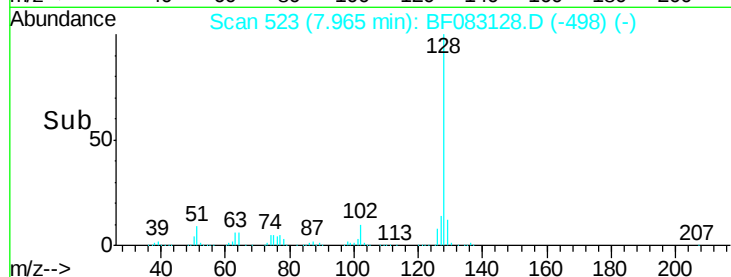
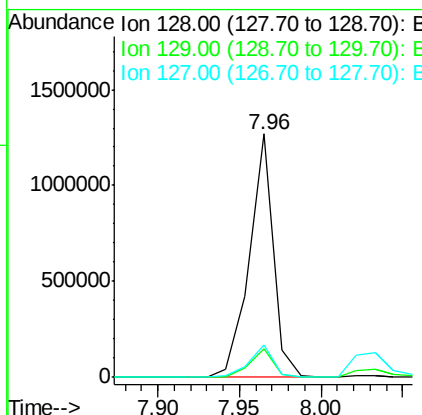
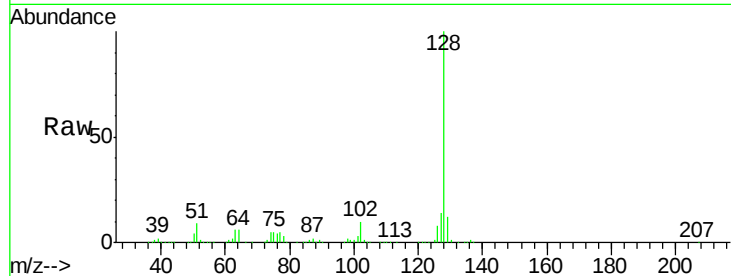
#31
Naphthalene
Concen: 31.05 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.5	10.6	15.8

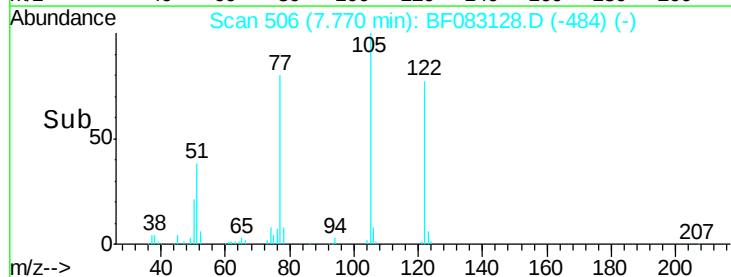
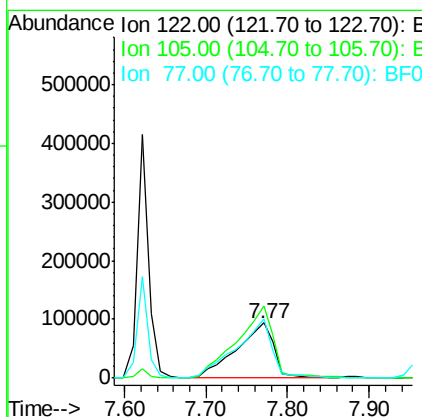
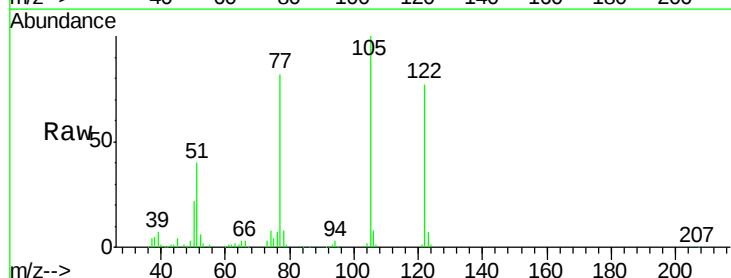
Manual Integrations
APPROVED

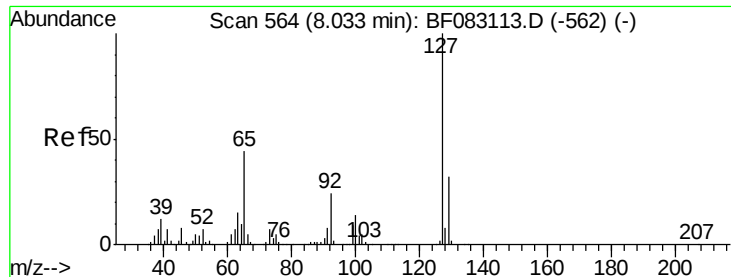
Mmdadoda
11/23/2015 7:01:30 PM



#32
Benzoic acid
Concen: 29.32 ng
RT: 7.77 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	109.7	149.7
77	107.1	79.7	119.7





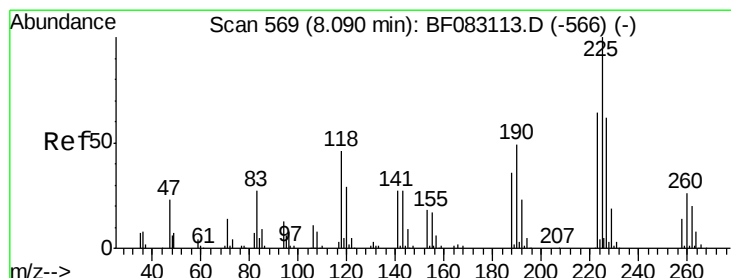
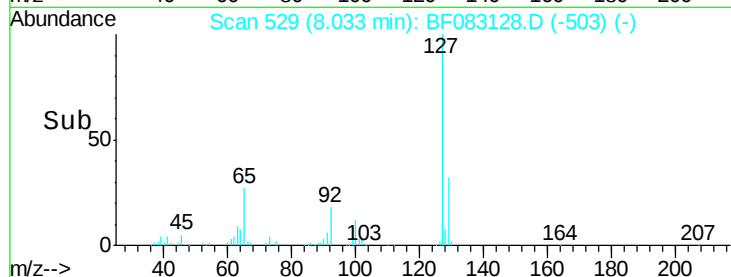
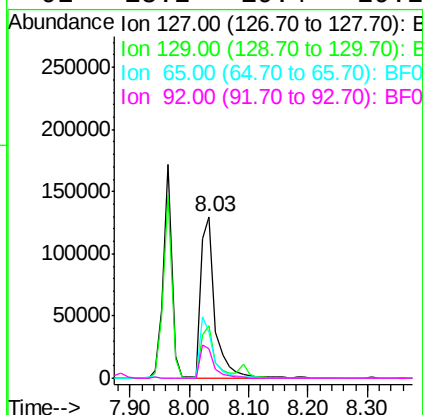
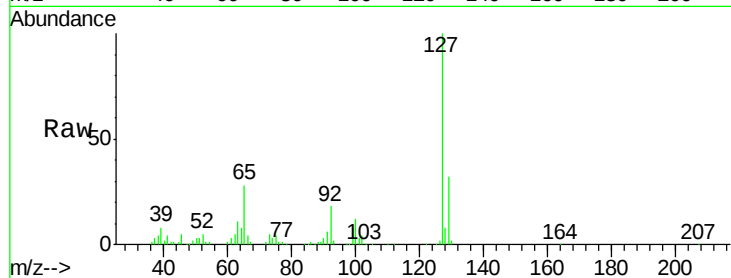
#33
4-Chloroaniline
Concen: 13.79 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.7	38.5	
65	28.4	35.5	53.3	
92	18.2	19.4	29.2	

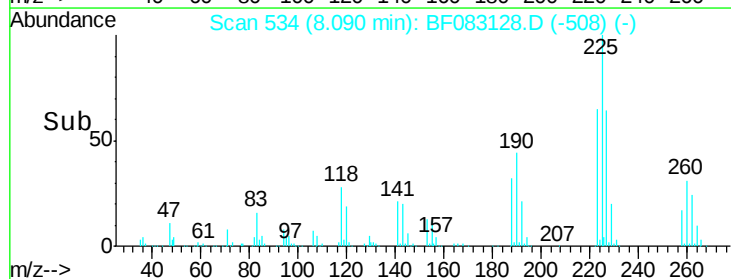
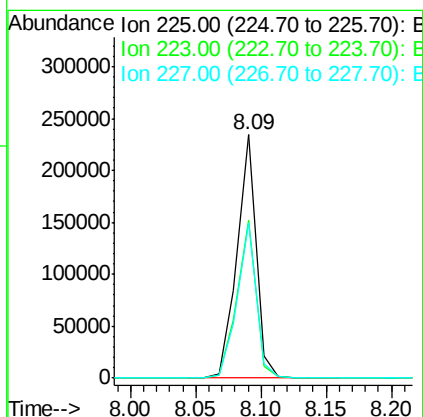
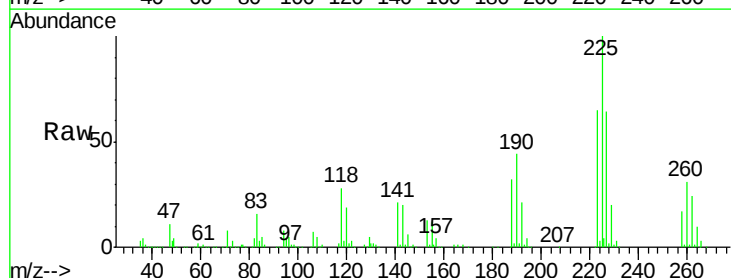
Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#34
Hexachlorobutadiene
Concen: 30.09 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	51.3	76.9	
227	64.0	49.8	74.8	





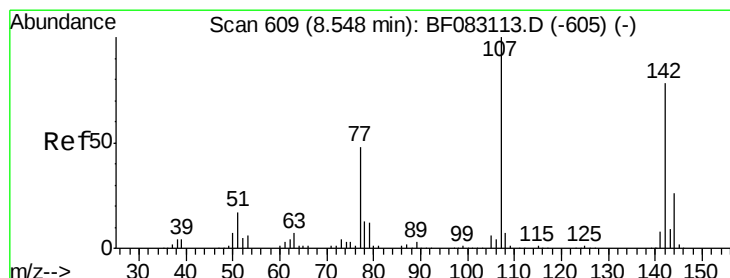
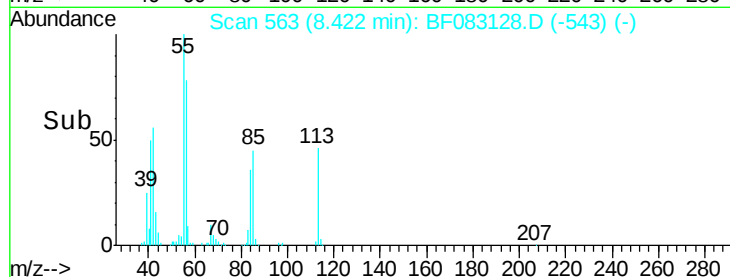
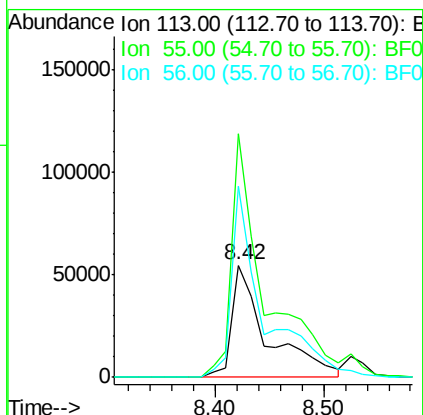
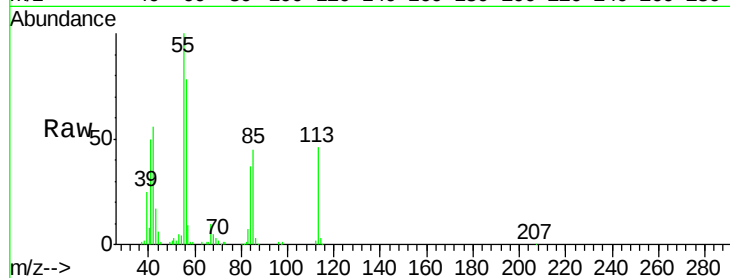
#35
Caprolactam
Concen: 31.55 ng
RT: 8.42 min Scan# 563
Delta R.T. -0.07 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.9	192.6	232.6
56	170.0	148.6	188.6

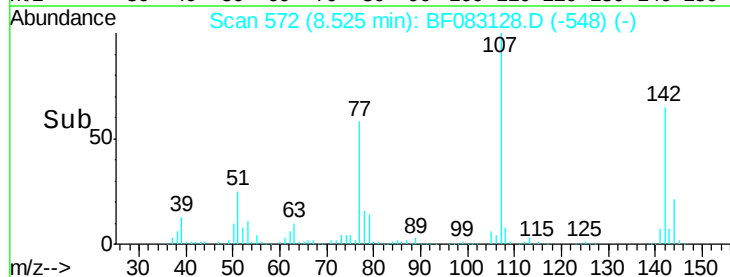
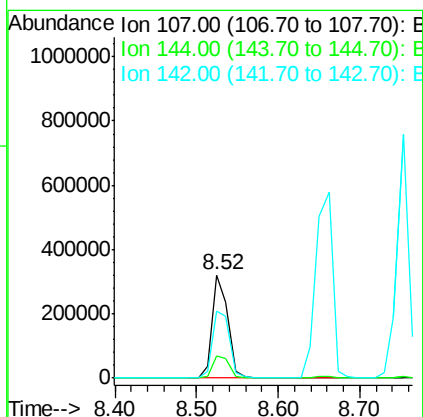
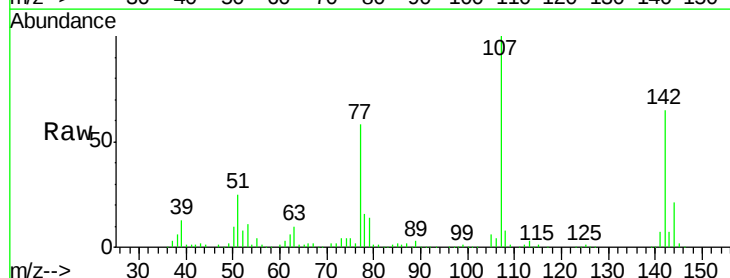
Manual Integrations
APPROVED

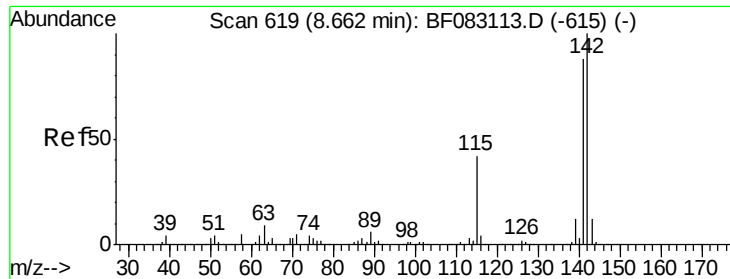
Mmdadoda
11/23/2015 7:01:30 PM



#36
4-Chloro-3-methylphenol
Concen: 30.57 ng
RT: 8.52 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.0	20.8	31.2
142	64.5	62.1	93.1





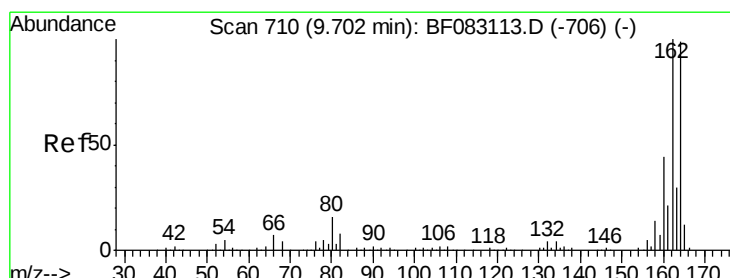
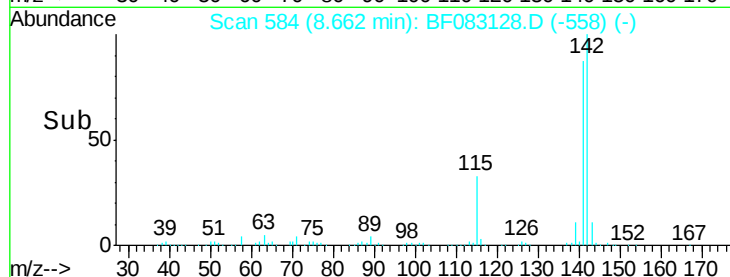
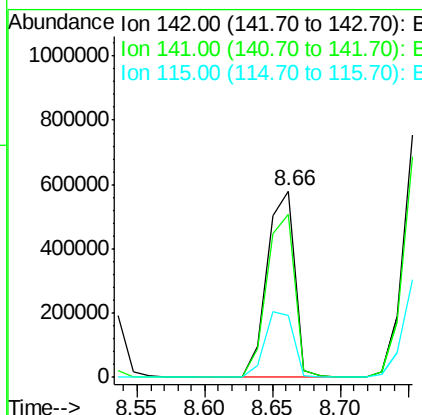
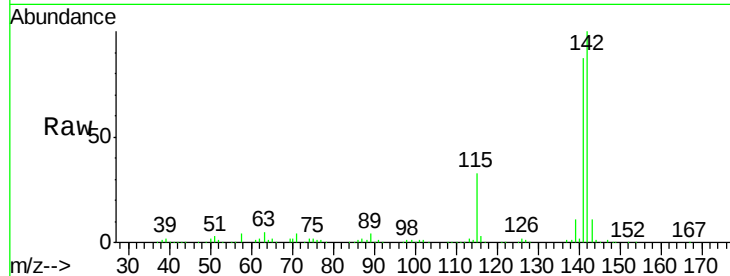
#37
2-Methylnaphthalene
Concen: 30.56 ng/ml
RT: 8.66 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleID :
PB86793BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5
115	33.3	33.4	50.2

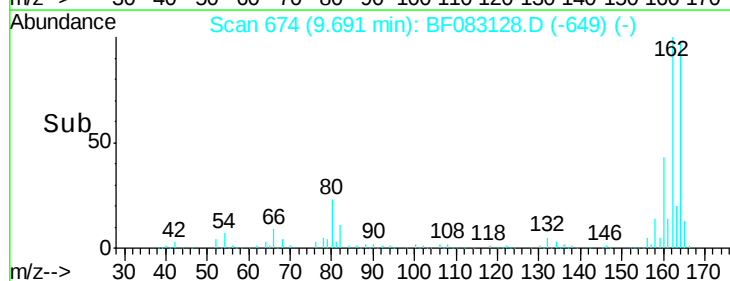
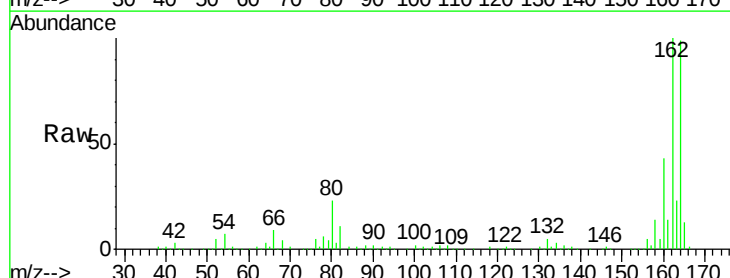
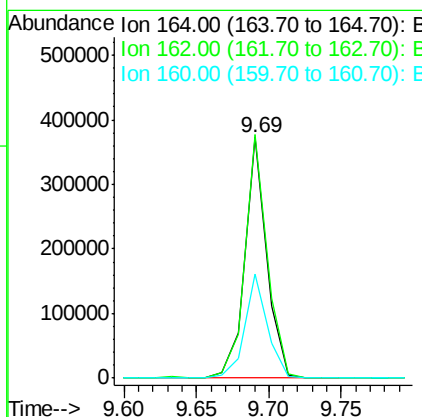
Manual Integrations
APPROVED

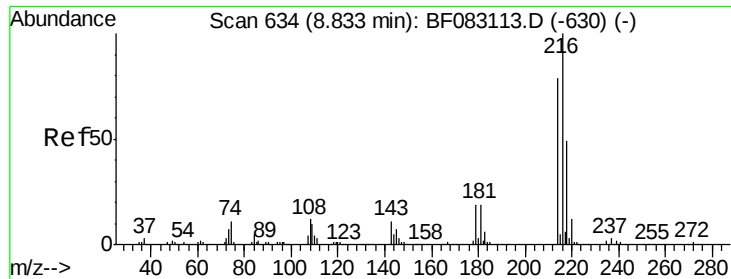
Mmdadoda
11/23/2015 7:01:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.2	121.8
160	43.2	35.6	53.4





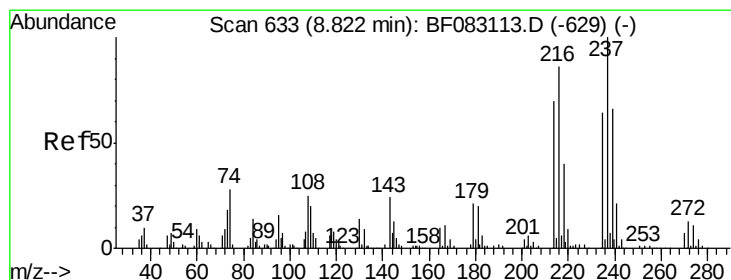
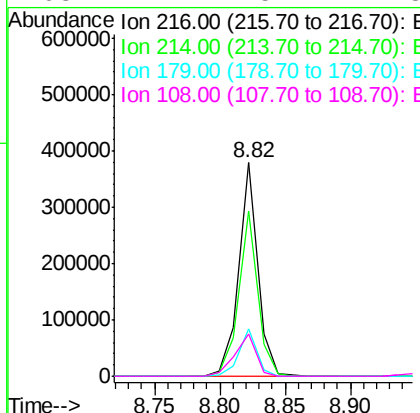
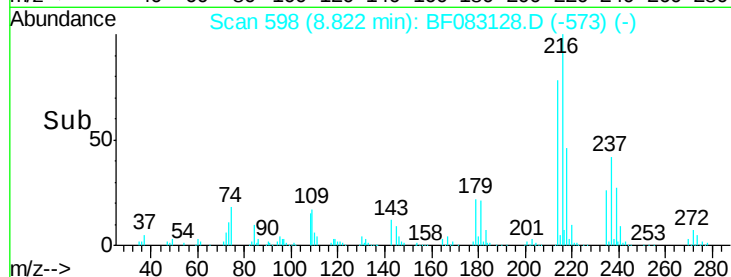
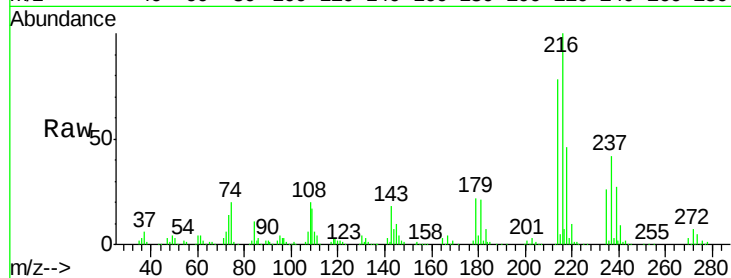
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.03 ng
 RT: 8.82 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Manual Integrations
 APPROVED

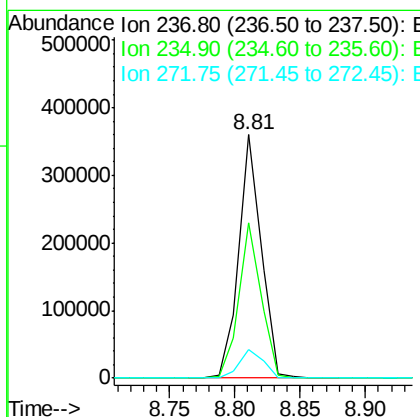
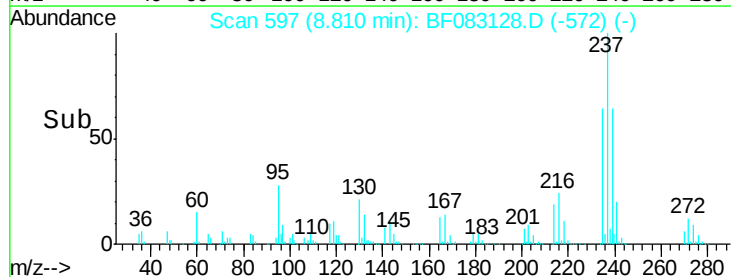
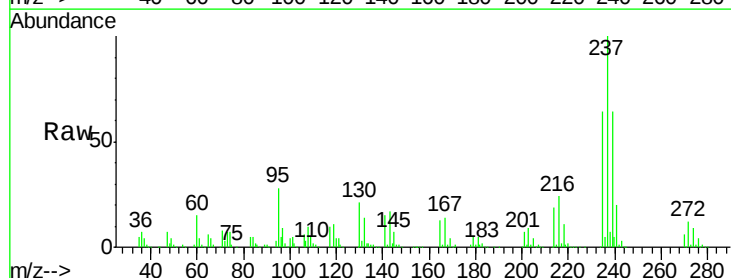
Mmdadoda
 11/23/2015 7:01:30 PM

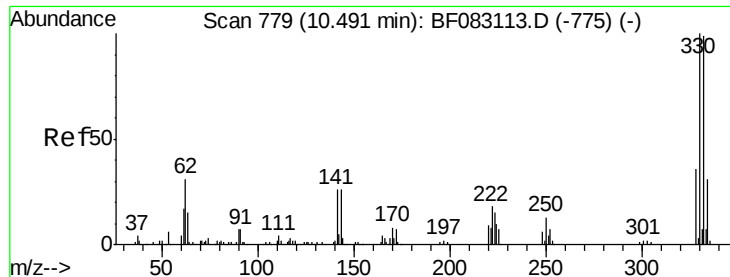
Tot Ion	Ratio	Resp	Lower	Upper
216	100	379584		
214	78.1	63.8	95.8	
179	21.5	17.0	25.6	
108	22.7	15.2	22.8	



#40
 Hexachlorocyclopentadiene
 Concen: 59.69 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	429095		
235	63.9	43.5	83.5	
272	11.7	0.0	33.1	





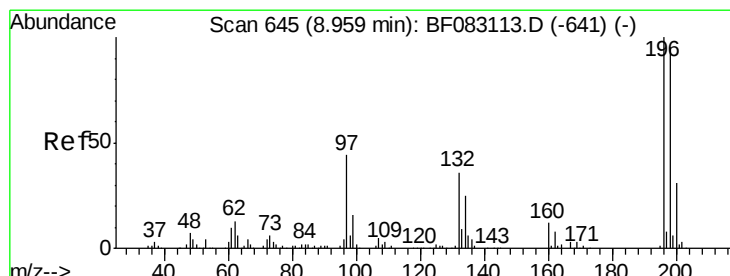
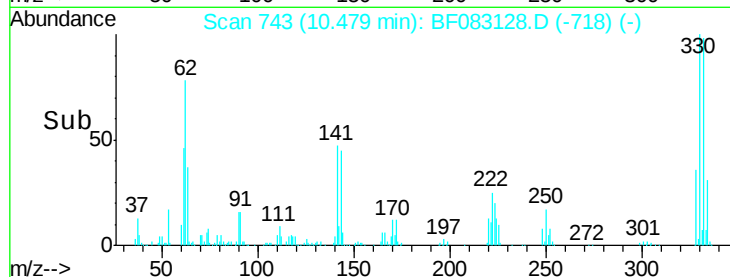
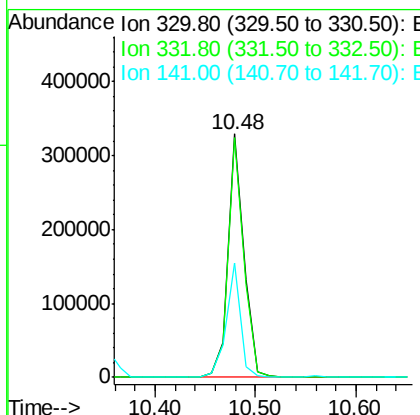
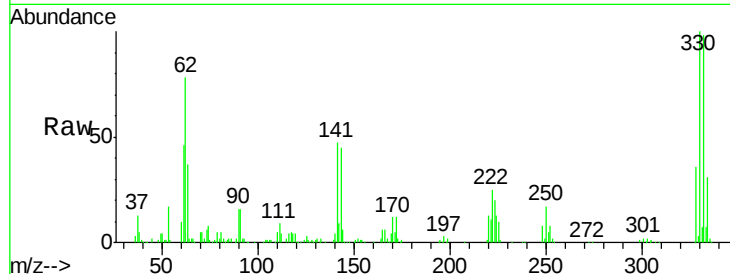
#41
 2,4,6-Tribromophenol
 Concen: 90.52 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	361223		
332	97.5	77.7	116.5	
141	42.2	29.7	44.5	

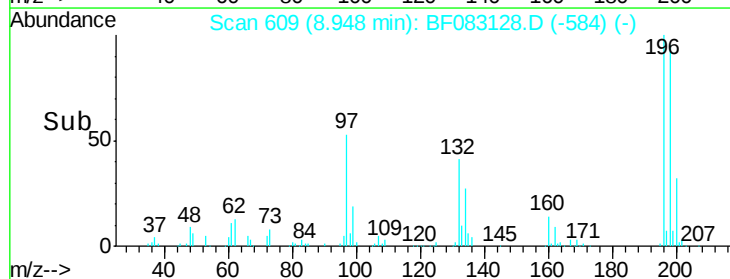
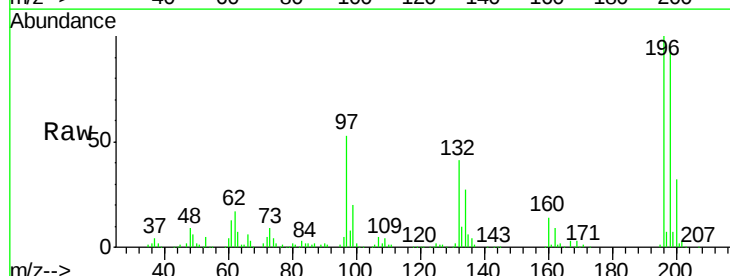
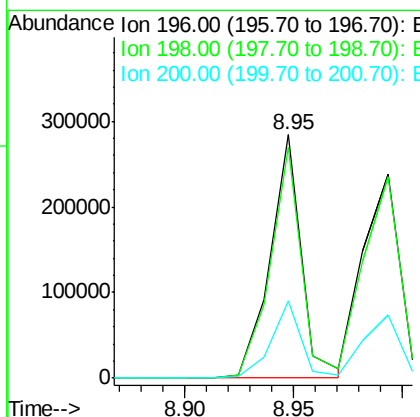
Manual Integrations
 APPROVED

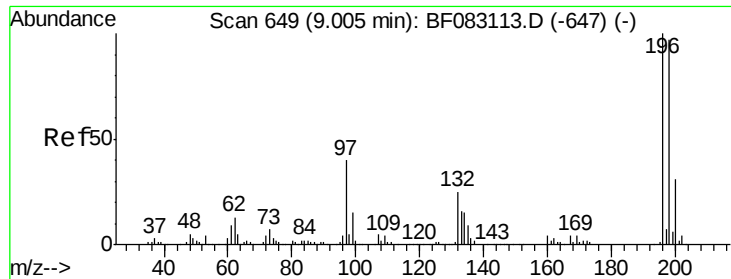
Mmdadoda
 11/23/2015 7:01:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 31.58 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

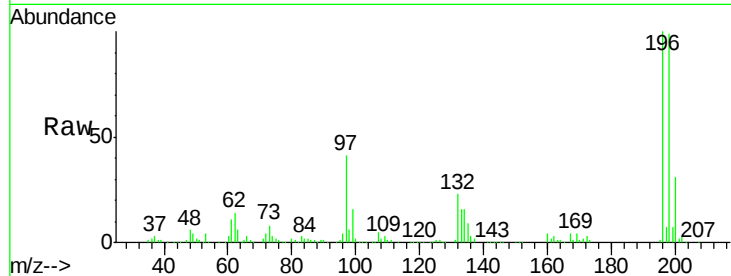
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285973		
198	94.6	75.9	113.9	
200	31.9	24.5	36.7	





#43
 2,4,5-Trichlorophenol
 Concen: 30.91 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

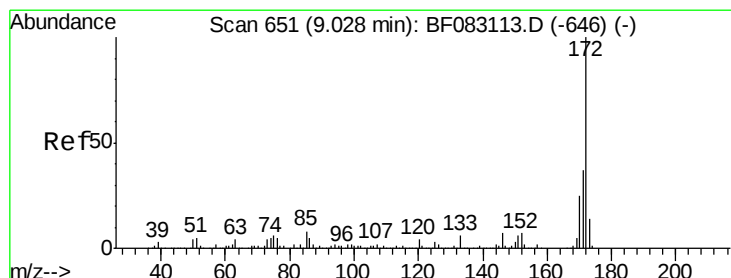
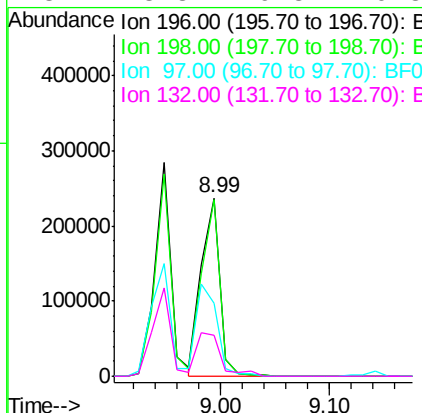
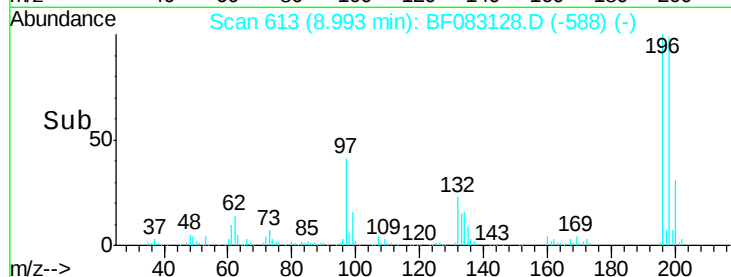
Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS



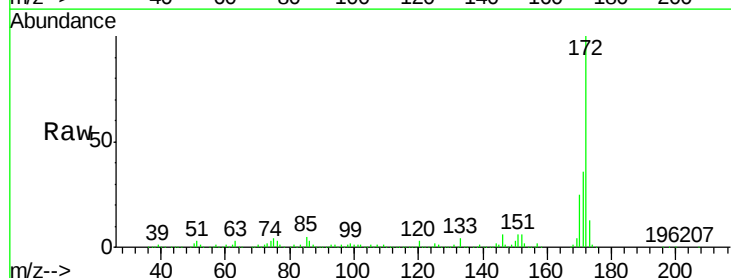
Tot Ion	Ratio	Resp	Lower	Upper
196	100	286150		
198	98.8	77.6	116.4	
97	40.8	32.6	48.8	
132	23.3	19.8	29.8	

Manual Integrations
 APPROVED

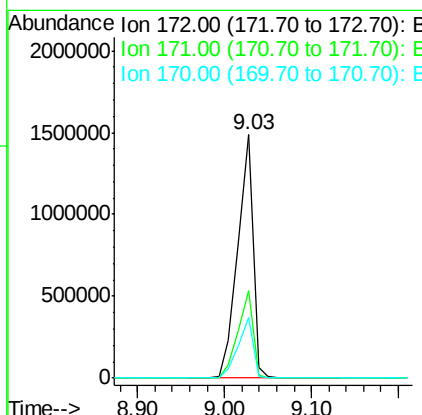
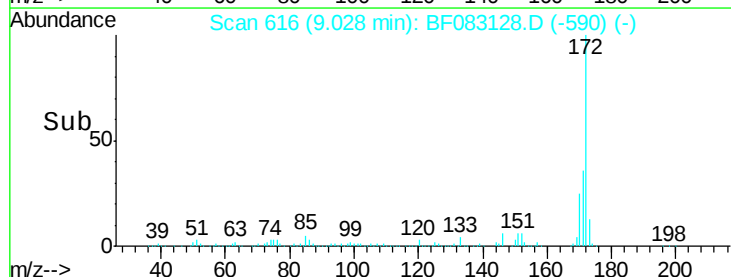
Mmdadoda
 11/23/2015 7:01:30 PM

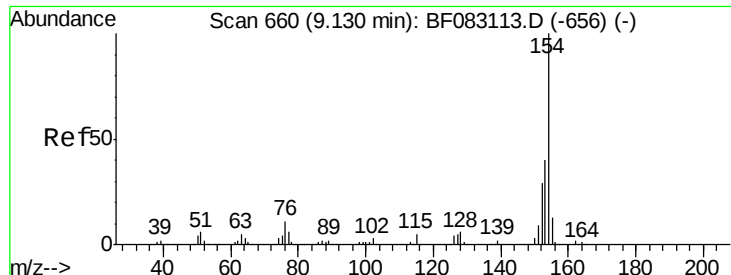


#44
 2-Fluorobiphenyl
 Concen: 64.65 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1808457		
171	36.1	29.5	44.3	
170	24.9	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 30.01 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

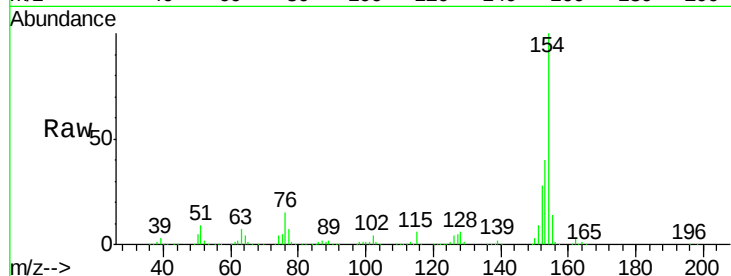
ClientSampleId :

PB86793BS

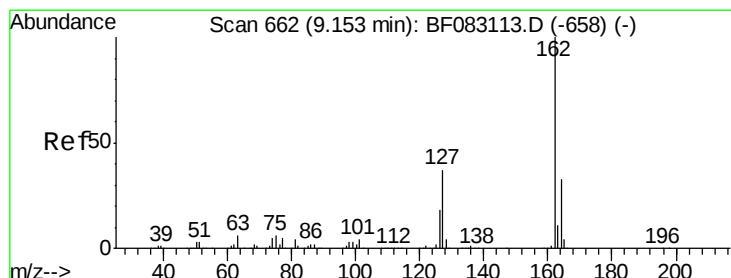
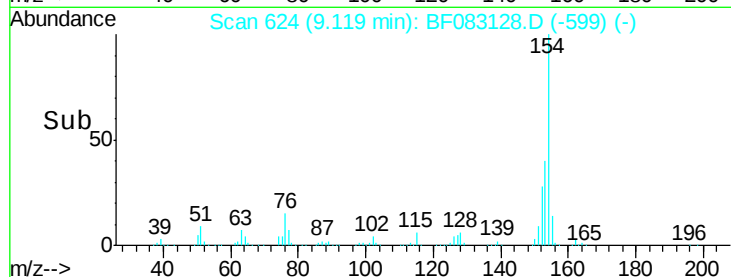
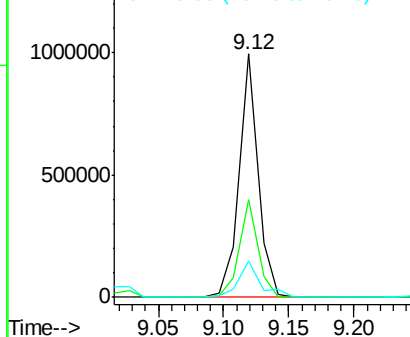
Tot Ion:	154	Resp:	996428
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.5	60.5
76	14.9	0.0	31.2

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 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: 31.09 ng

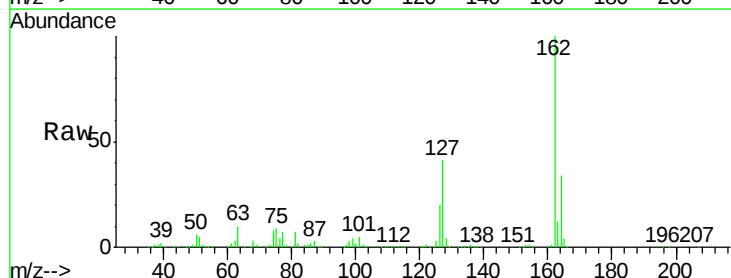
RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

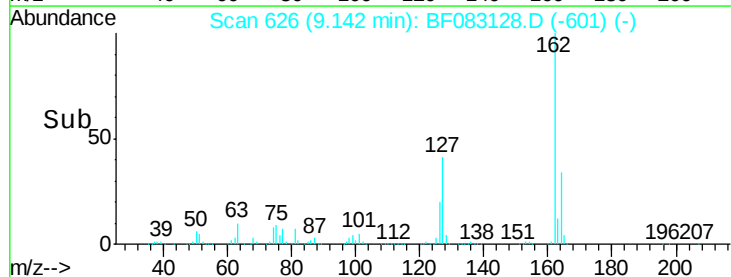
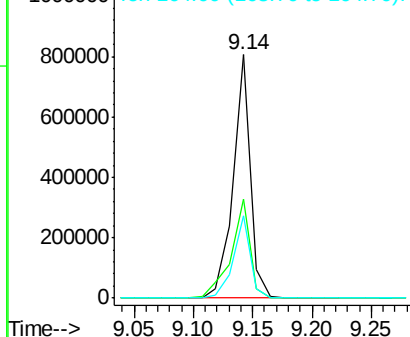
Lab File: BF083128.D

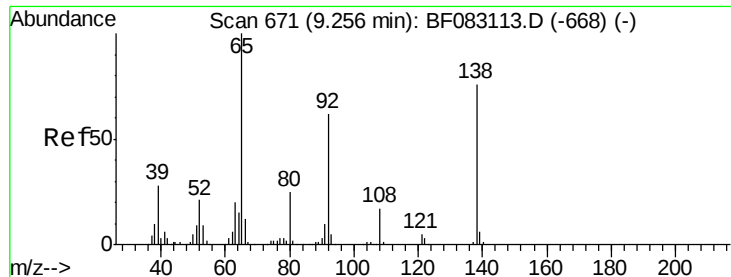
Acq: 22 Nov 2015 00:07

Tgt Ion:	162	Resp:	810622
Ion Ratio	Lower	Upper	
162	100		
127	40.9	29.4	44.2
164	33.8	26.2	39.4



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: 30.74 ng

RT: 9.24 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

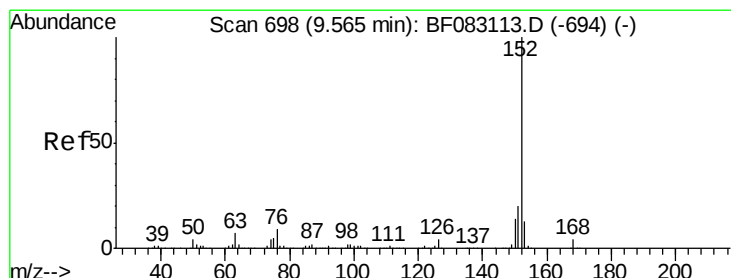
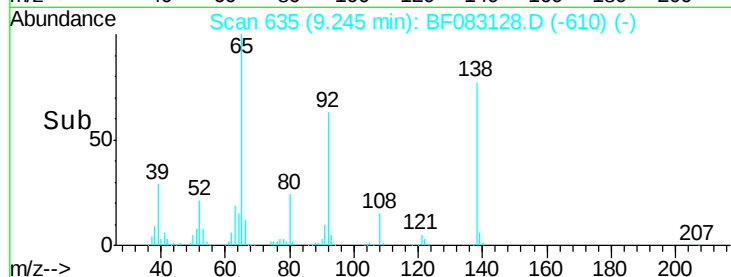
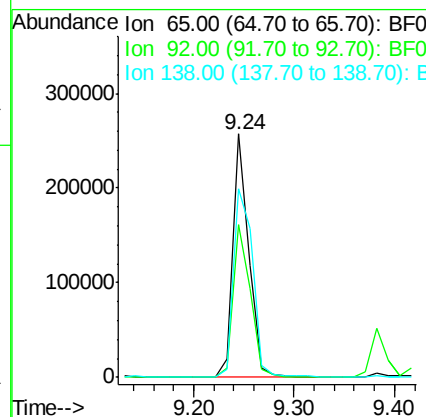
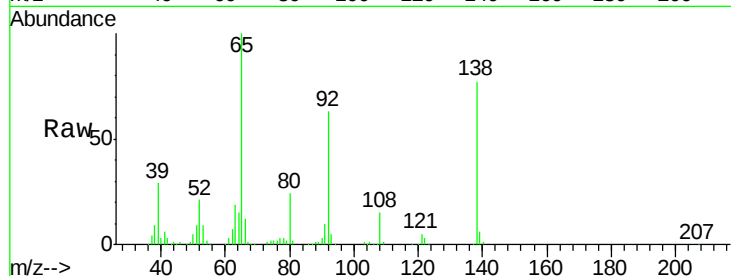
ClientSampleId :

PB86793BS

Tot Ion:	65	Resp:	283564
Ion Ratio	Lower	Upper	
65	100		
92	62.7	49.5	74.3
138	77.3	60.7	91.1

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#48

Acenaphthylene

Concen: 30.78 ng

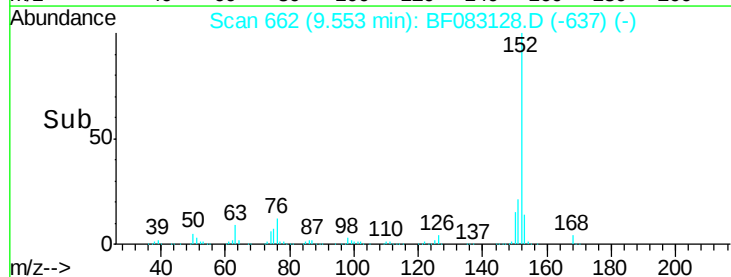
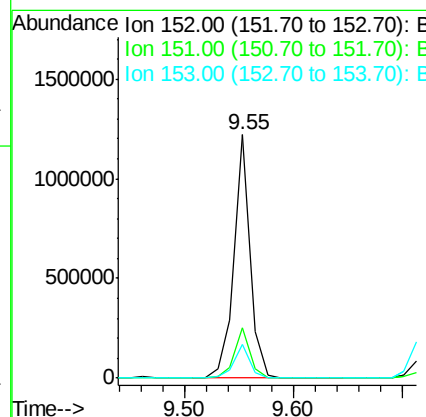
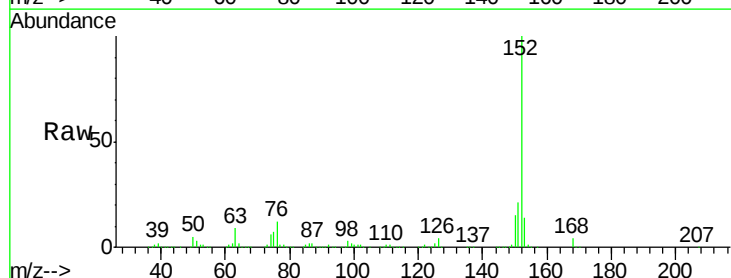
RT: 9.55 min Scan# 662

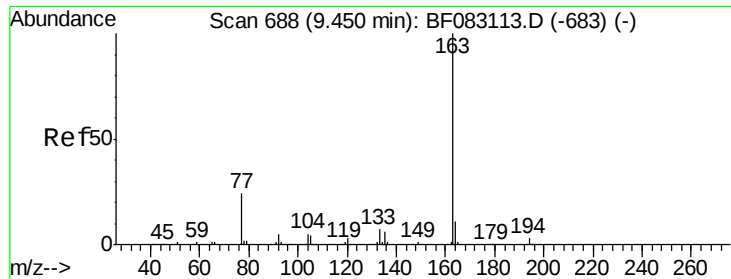
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	152	Resp:	1243931
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	14.0	10.8	16.2





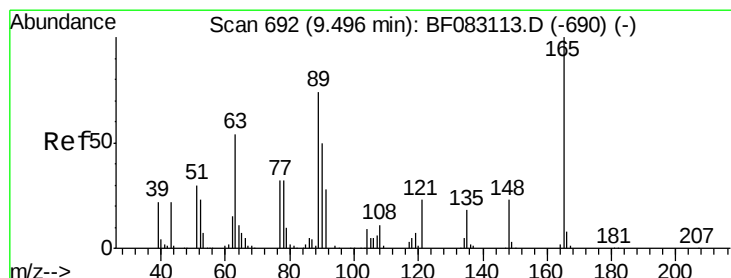
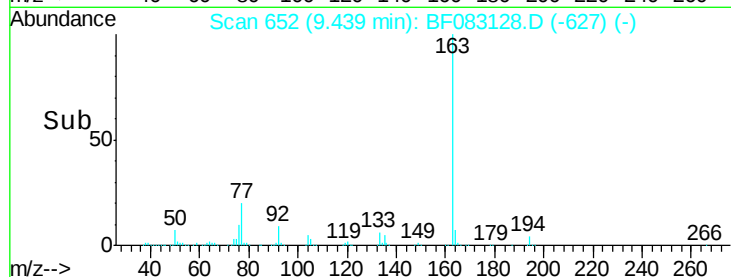
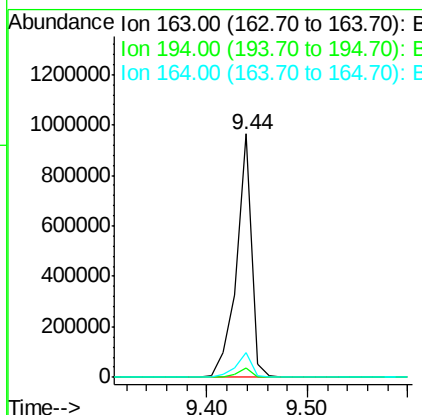
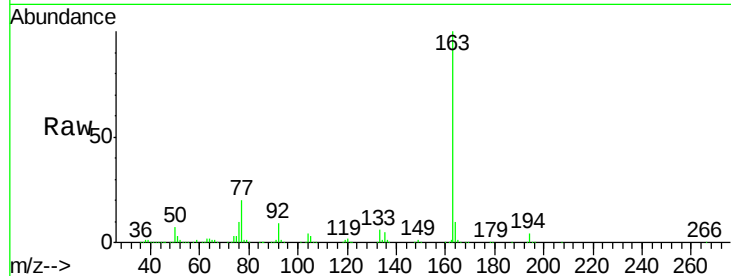
#49
Dimethylphthalate
Concen: 33.38 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion:163 Resp: 1002274
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.2 8.6 12.8

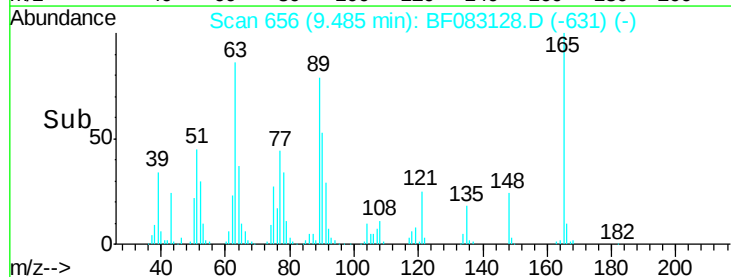
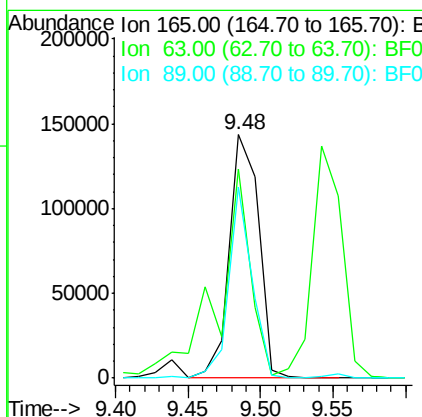
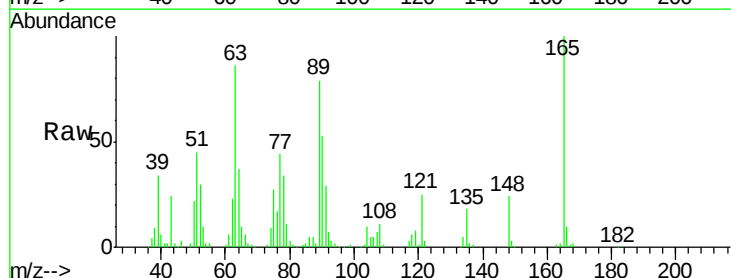
Manual Integrations
APPROVED

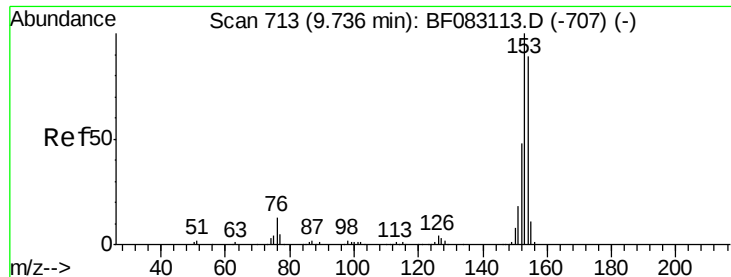
Mmdadoda
11/23/2015 7:01:30 PM



#50
2,6-Dinitrotoluene
Concen: 29.98 ng
RT: 9.48 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion:165 Resp: 202008
Ion Ratio Lower Upper
165 100
63 86.0 62.5 93.7
89 78.6 59.1 88.7





#51

Acenaphthene

Concen: 30.64 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

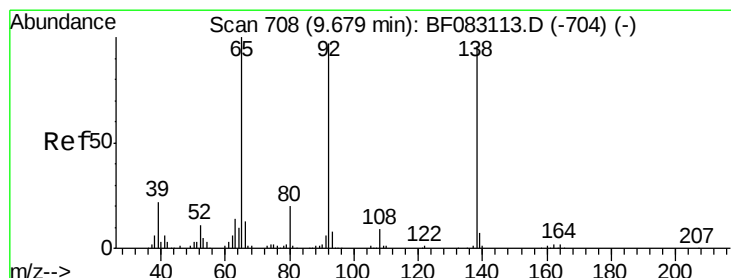
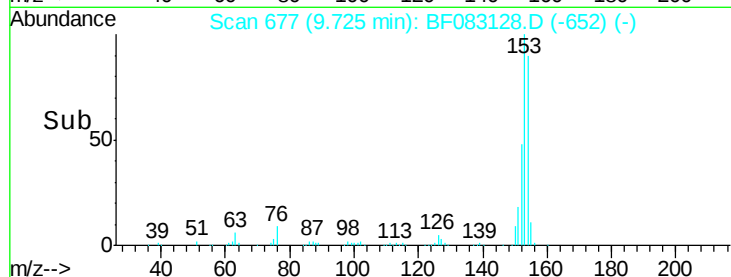
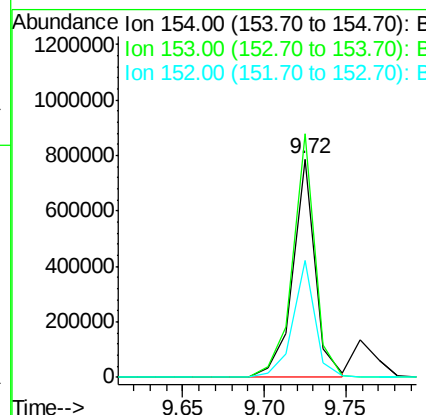
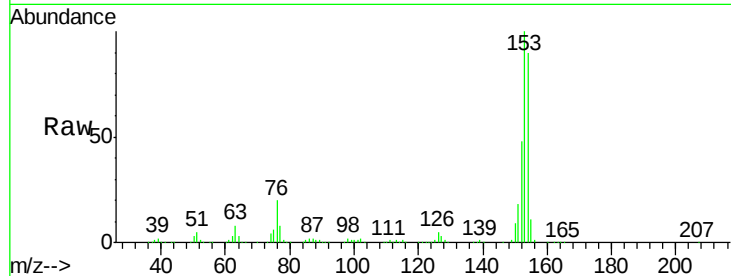
ClientSampleId :

PB86793BS

Tot Ion:	154	Resp:	753473
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.6	134.4
152	53.3	43.3	64.9

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



#52

3-Nitroaniline

Concen: 15.05 ng

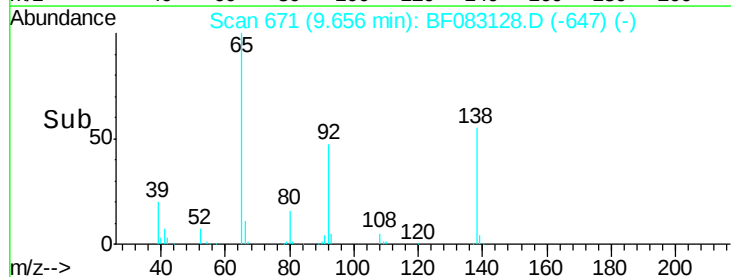
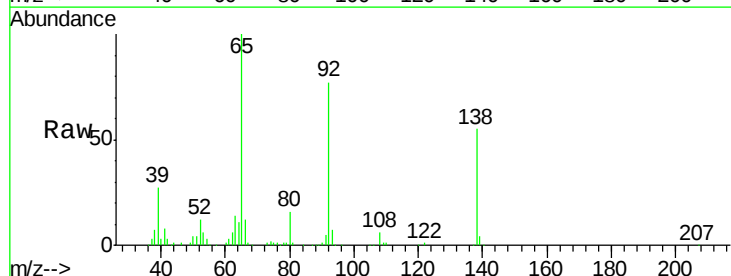
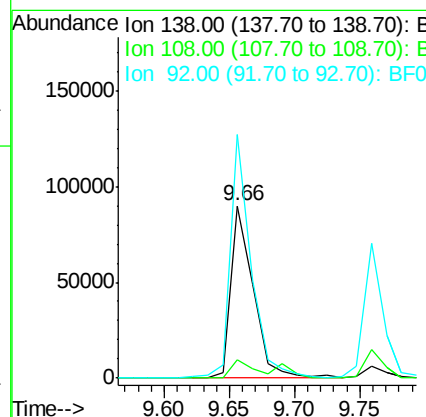
RT: 9.66 min Scan# 671

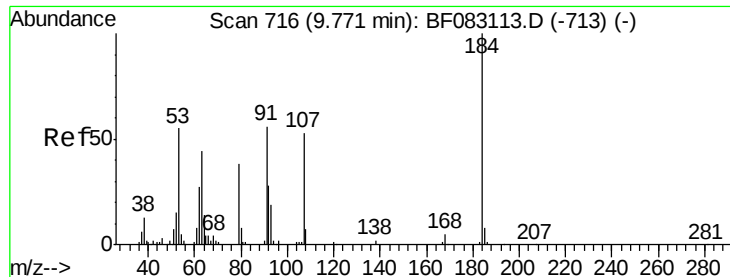
Delta R.T. -0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	138	Resp:	108131
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.6
92	141.5	81.1	121.7#





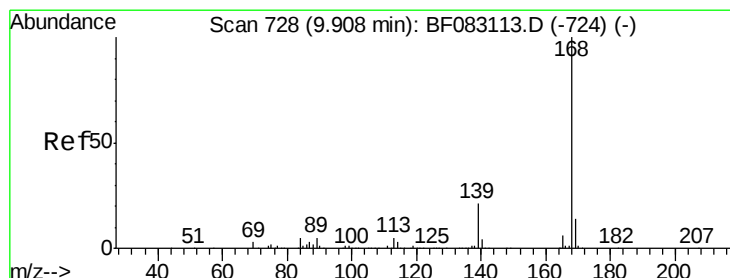
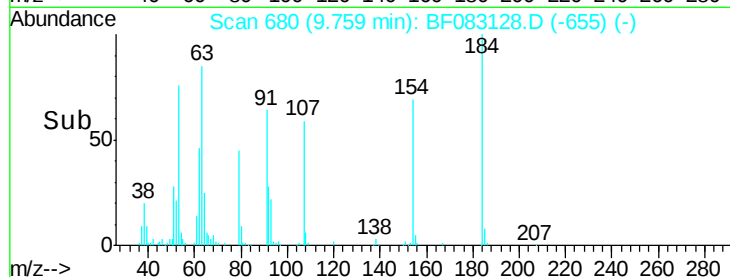
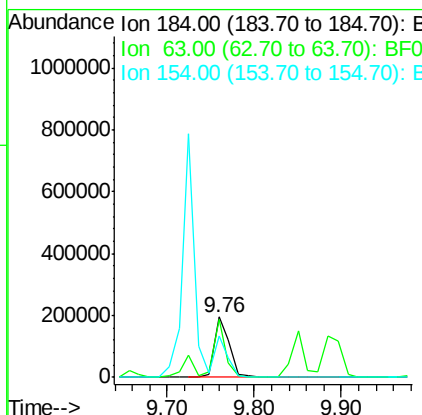
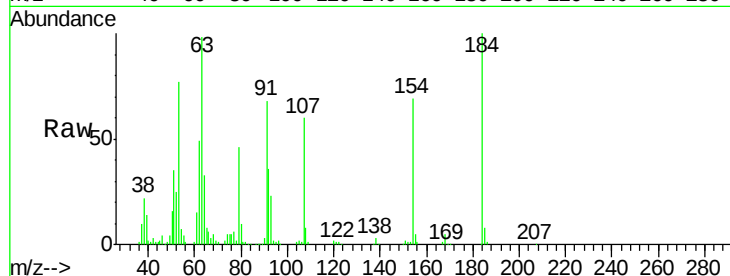
#53
2,4-Dinitrophenol
Concen: 62.32 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	241936		
63	97.5	60.5	90.7#	
154	69.0	54.3	81.5	

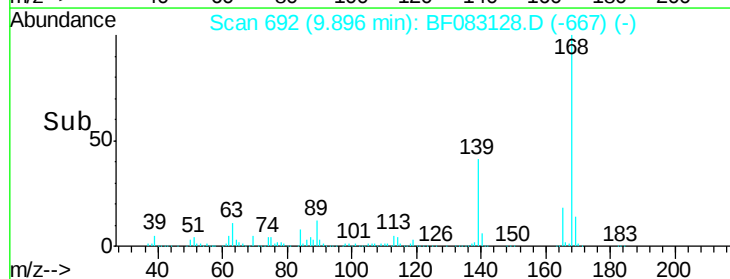
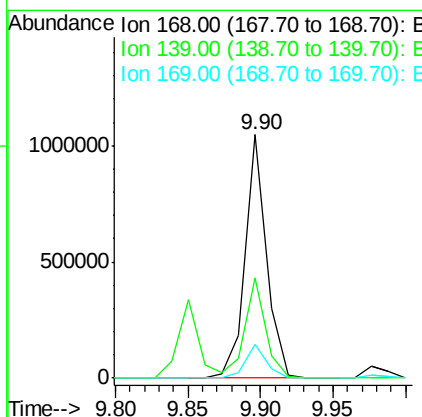
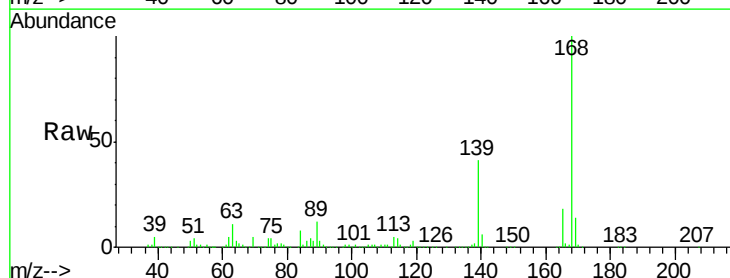
Manual Integrations
APPROVED

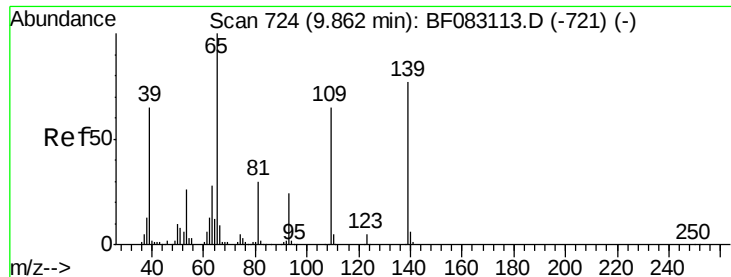
Mmdadoda
11/23/2015 7:01:30 PM



#54
Dibenzofuran
Concen: 30.86 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1073349		
139	41.0	30.2	45.2	
169	14.0	10.9	16.3	





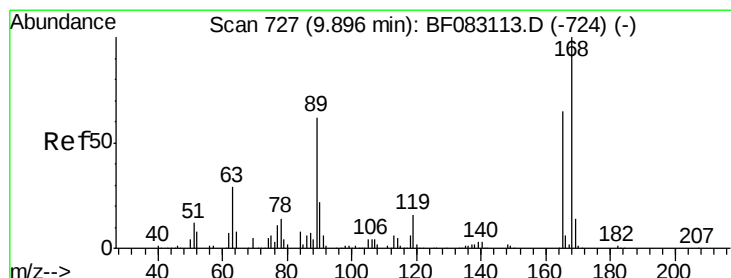
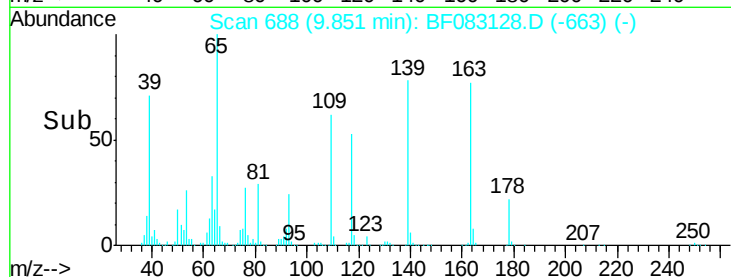
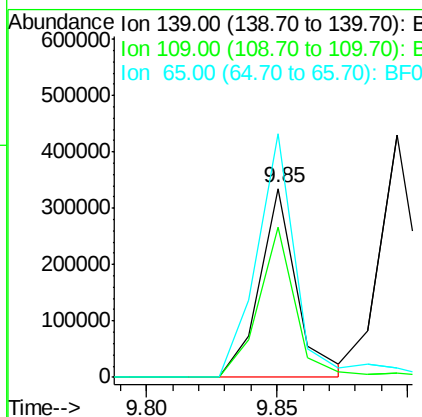
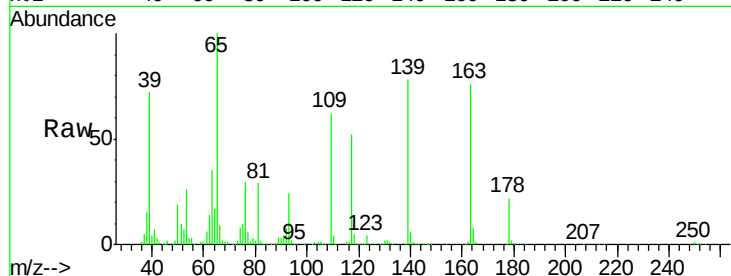
#55
4-Nitrophenol
Concen: 60.61 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.3	64.0	104.0	
65	128.7	109.5	149.5	

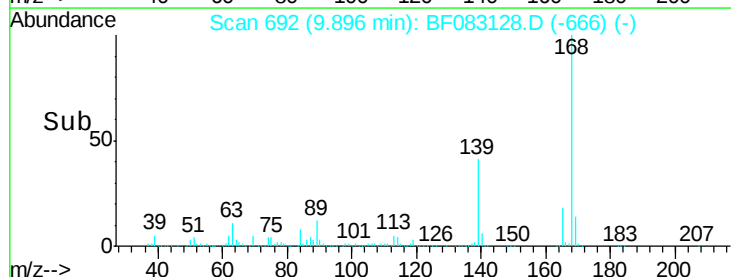
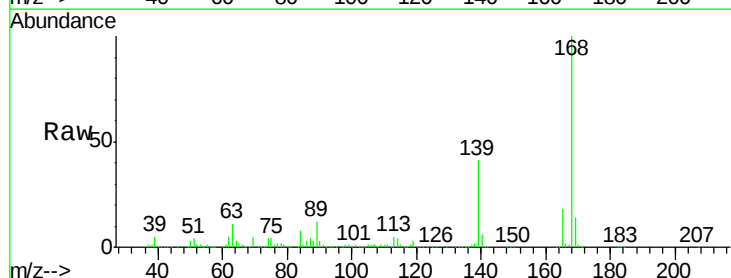
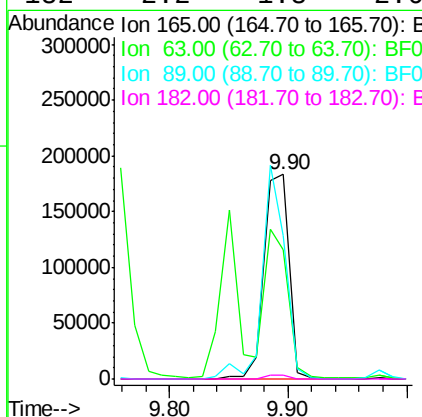
Manual Integrations
APPROVED

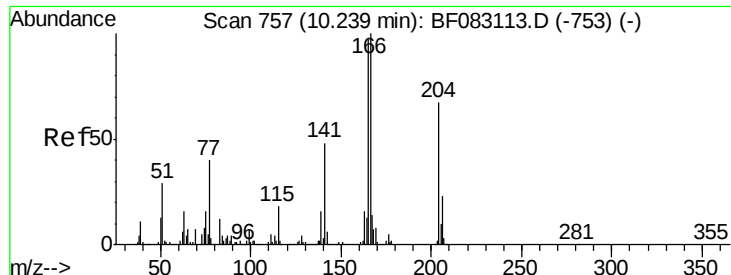
Mmdadoda
11/23/2015 7:01:30 PM



#56
2,4-Dinitrotoluene
Concen: 31.65 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.9	54.5	81.7	
89	69.9	77.3	115.9	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 31.02 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

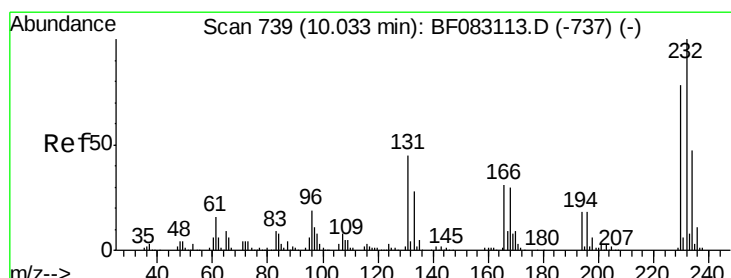
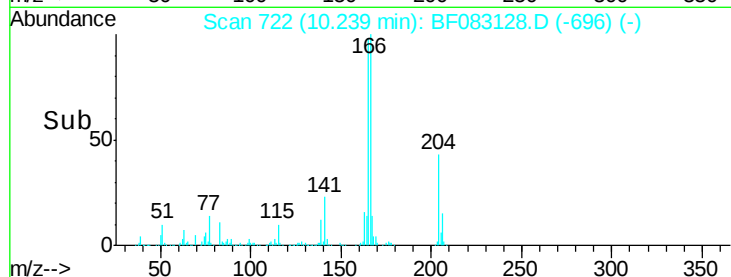
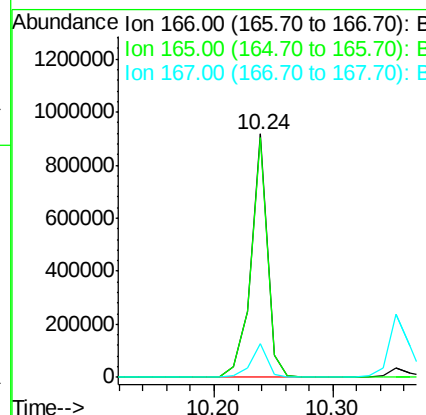
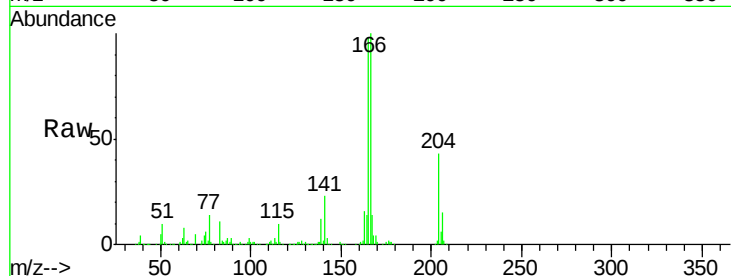
ClientSampleId :

PB86793BS

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.3		78.0	117.0	
167	13.9		11.3	16.9	



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.24 ng

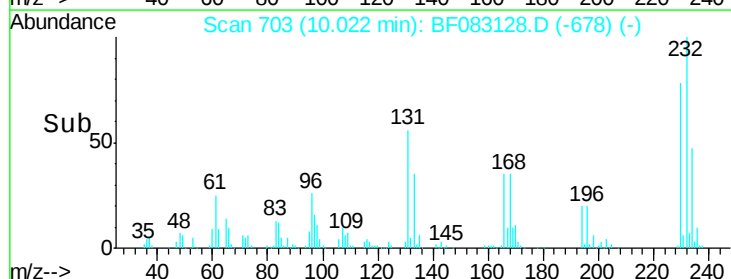
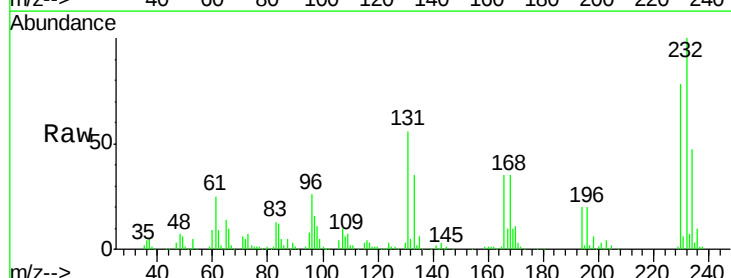
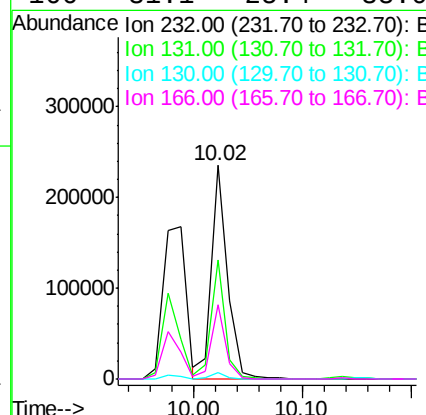
RT: 10.02 min Scan# 703

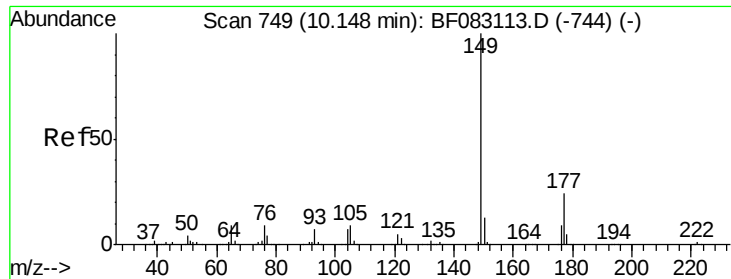
Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	48.5		38.6	57.8	
130	2.4		1.9	2.9	
166	31.1		25.4	38.0	





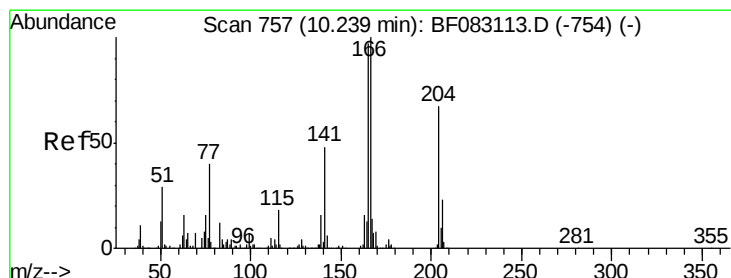
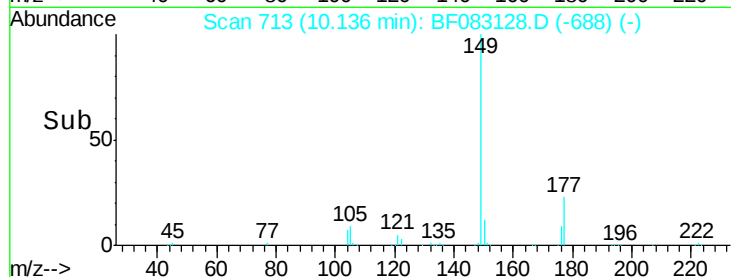
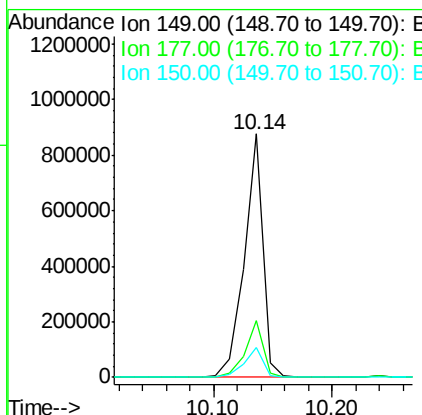
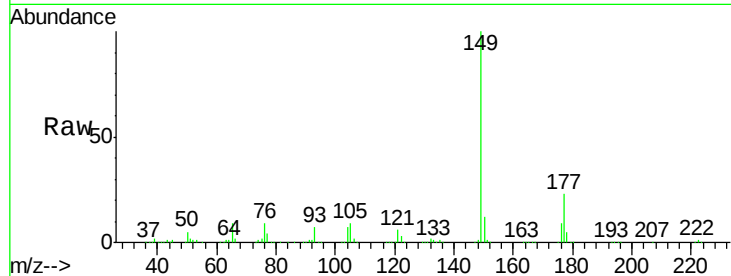
#59
Diethylphthalate
Concen: 32.19 ng
RT: 10.14 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleID :
PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	962315		
177	23.4	19.4	29.2	
150	12.4	10.2	15.2	

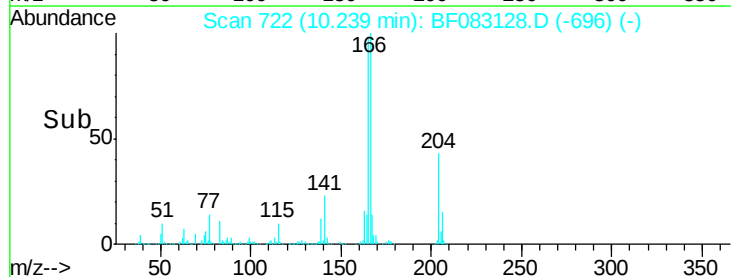
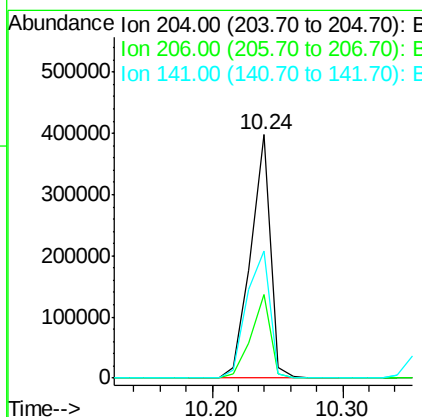
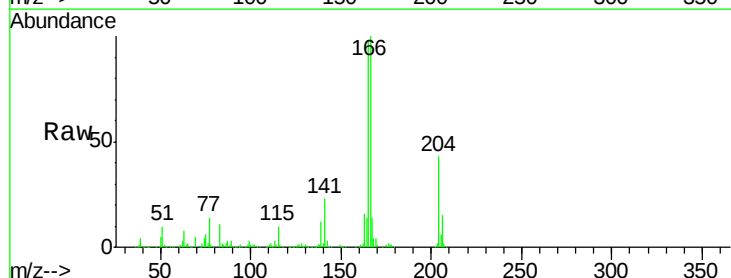
Manual Integrations
APPROVED

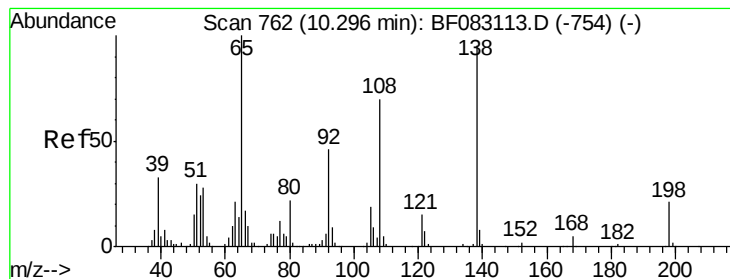
Mmdadoda
11/23/2015 7:01:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.92 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	420128		
206	34.4	27.4	41.0	
141	52.4	57.4	86.2#	





#61

4-Nitroaniline

Concen: 28.69 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

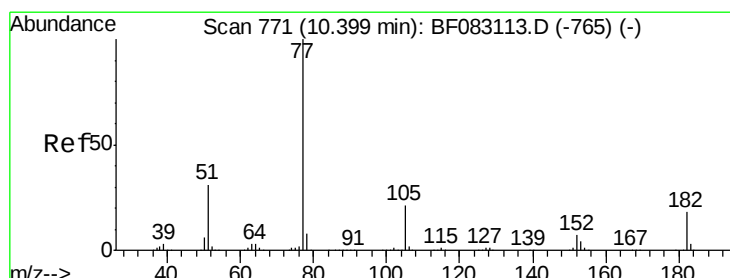
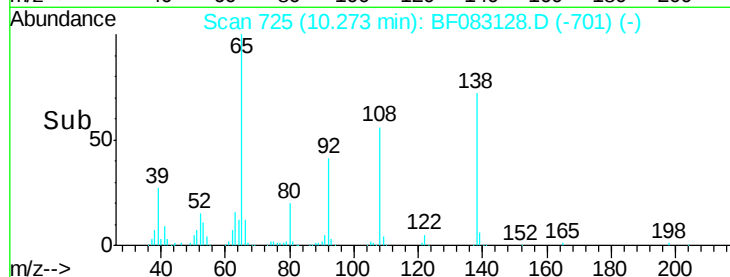
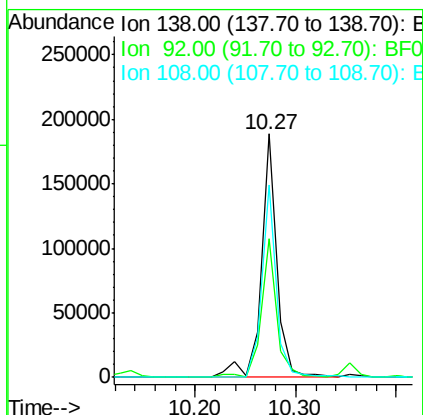
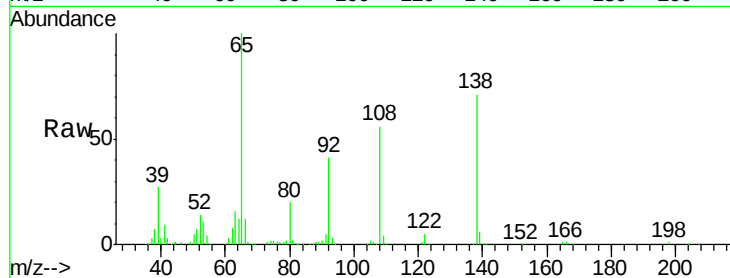
PB86793BS

Manual Integrations
APPROVED

Mmdadoda

11/23/2015 7:01:30 PM

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.1	28.4	68.4
108	79.0	53.5	93.5



#62

Azobenzene

Concen: 32.95 ng

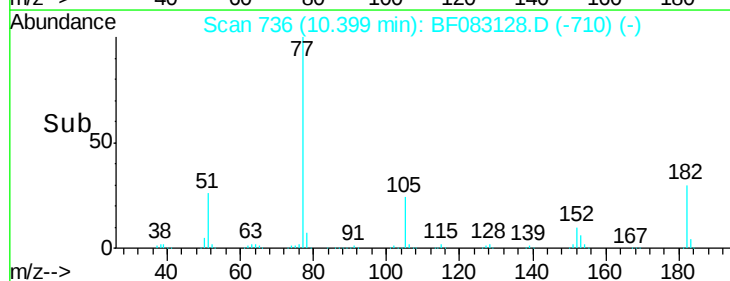
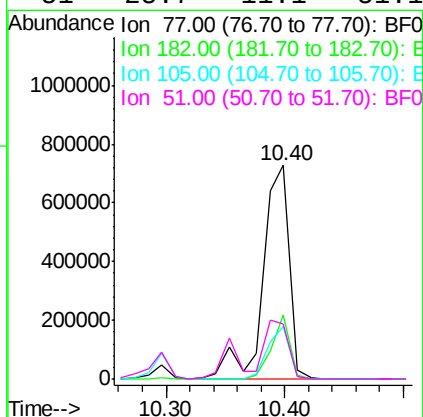
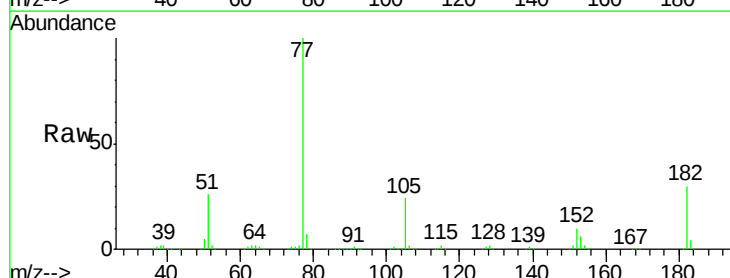
RT: 10.40 min Scan# 736

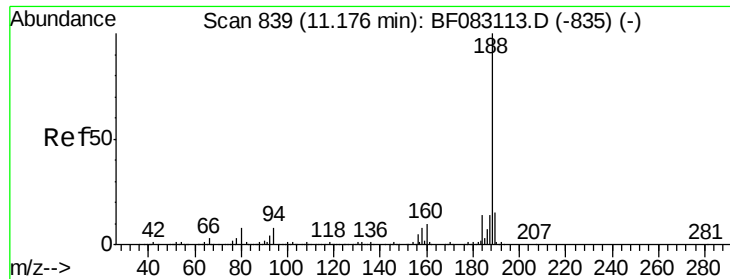
Delta R.T. -0.00 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.2	0.0	38.3
105	24.5	1.2	41.2
51	25.7	11.1	51.1





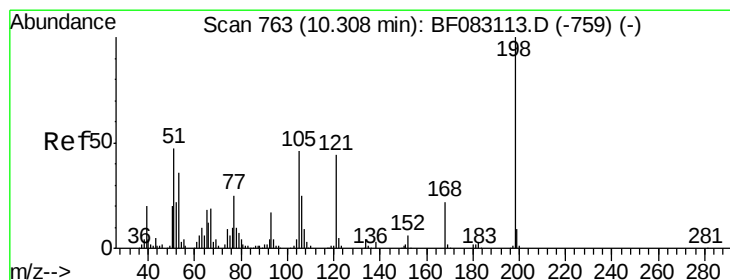
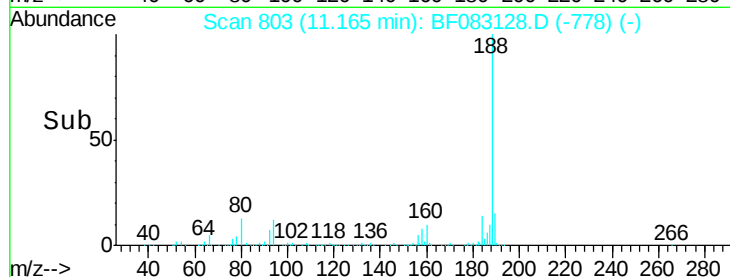
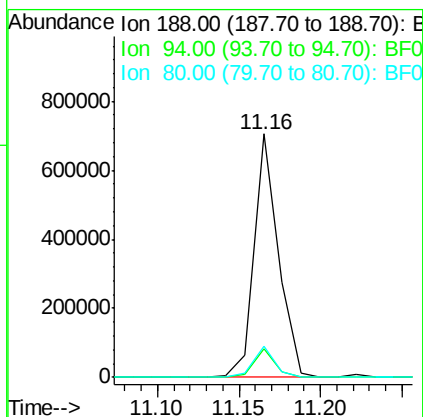
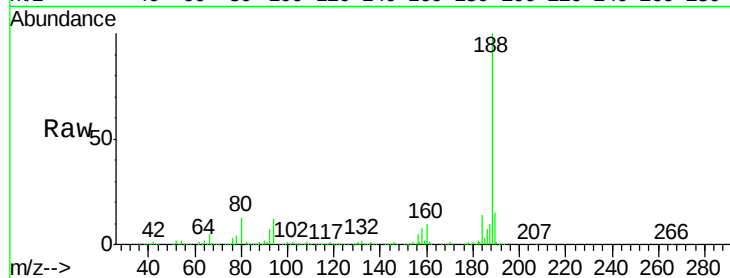
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	727913		
94	11.9	6.0	9.0#	
80	12.9	6.7	10.1#	

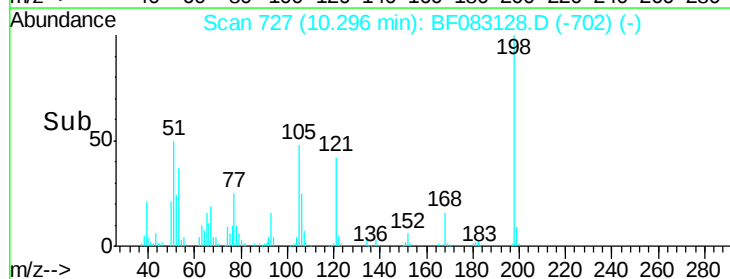
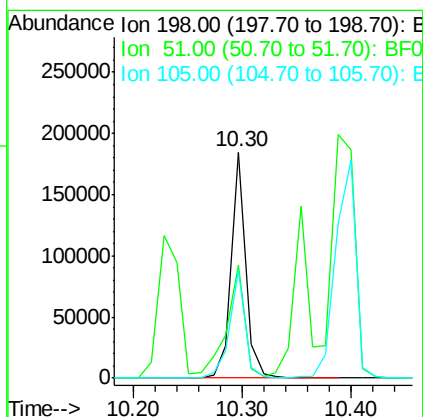
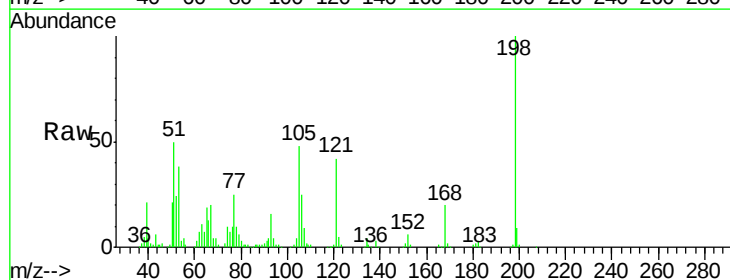
Manual Integrations
APPROVED

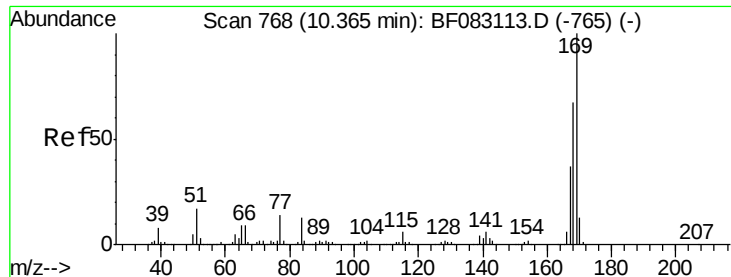
Mmdadoda
11/23/2015 7:01:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.95 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	170281		
51	50.0	27.0	67.0	
105	47.7	26.1	66.1	





#65

n-Nitrosodiphenylamine

Concen: 30.48 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

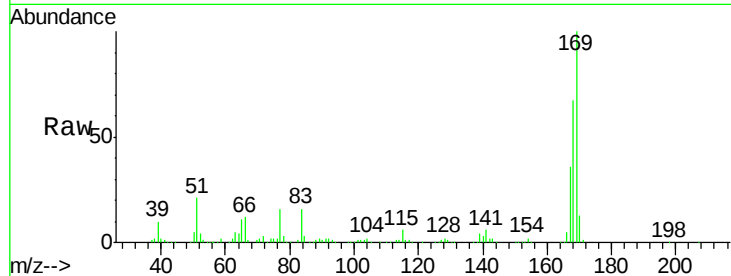
ClientSampleId :

PB86793BS

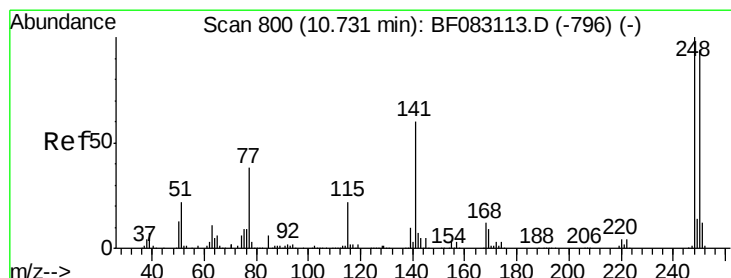
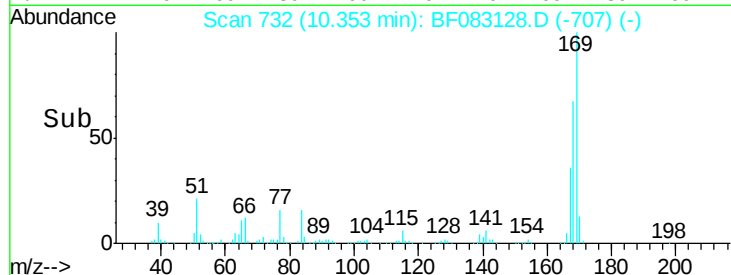
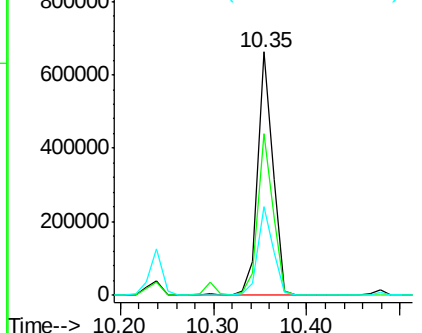
Tot Ion:	169	Resp:	754661
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.8	80.6
167	36.2	29.8	44.8

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.07 ng

RT: 10.72 min Scan# 764

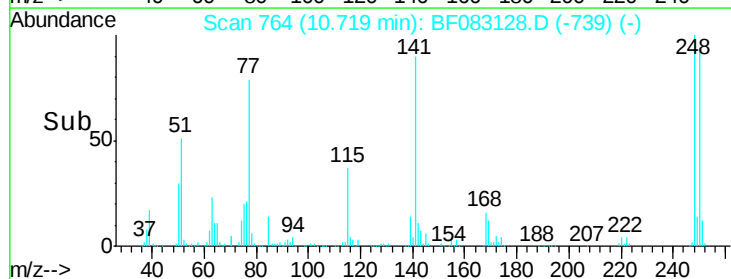
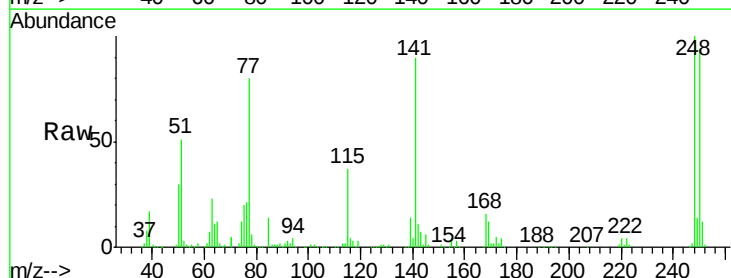
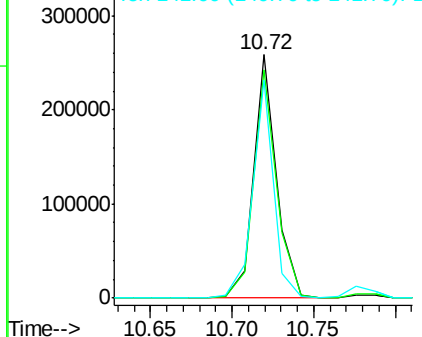
Delta R.T. -0.01 min

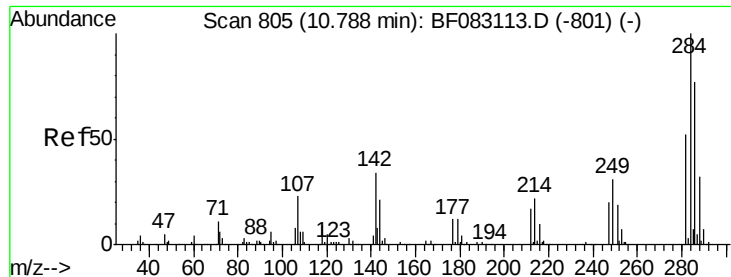
Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	248	Resp:	250993
Ion Ratio	Lower	Upper	
248	100		
250	93.9	75.4	113.2
141	89.5	48.1	72.1#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





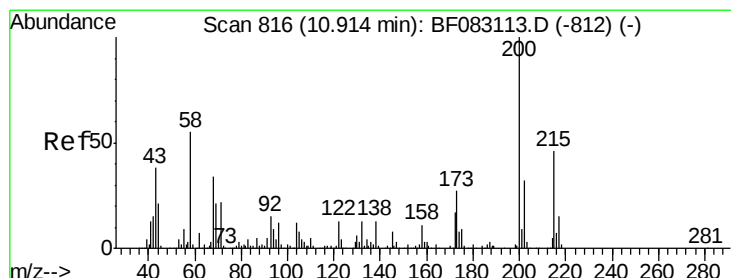
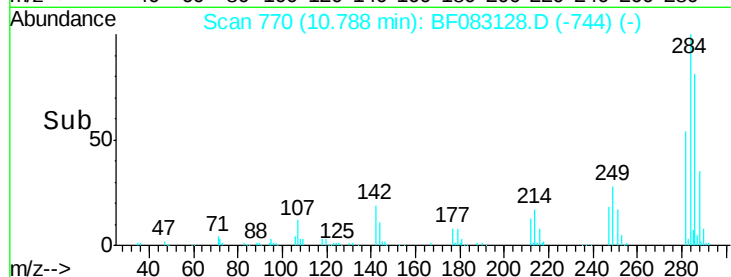
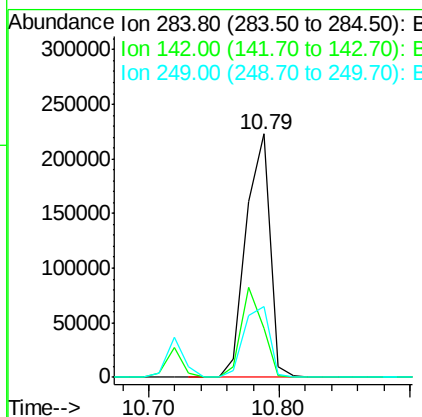
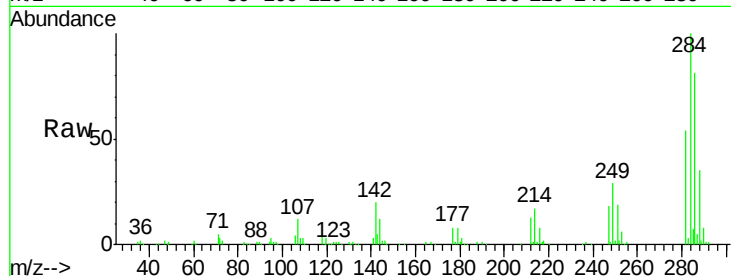
#67
Hexachlorobenzene
Concen: 31.87 ng
RT: 10.79 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	283515		
142	20.0	27.6	41.4	#
249	29.0	25.5	38.3	

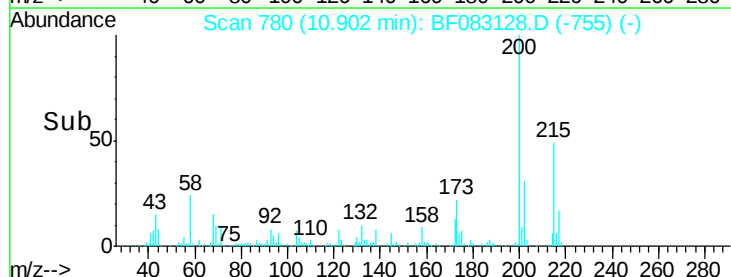
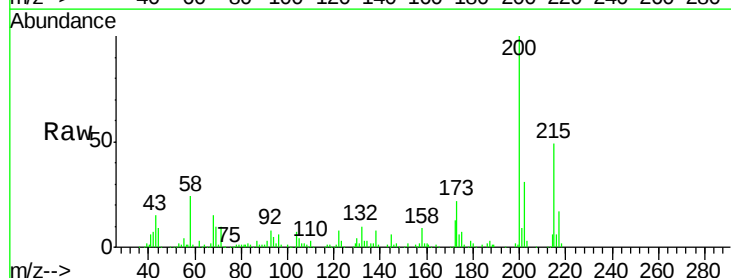
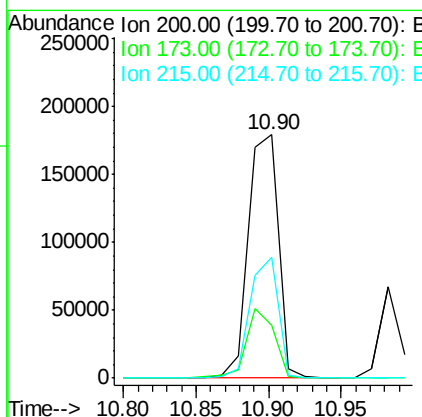
Manual Integrations
APPROVED

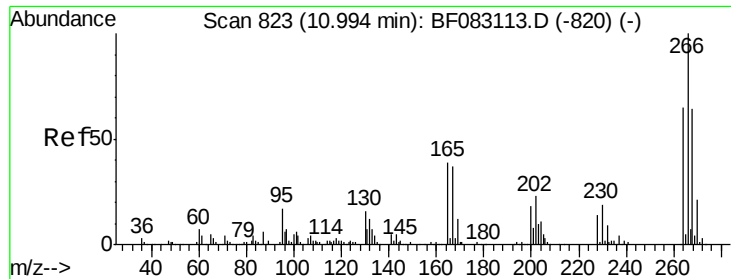
Mmdadoda
11/23/2015 7:01:30 PM



#68
Atrazine
Concen: 35.84 ng
RT: 10.90 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	257658		
173	21.9	7.2	47.2	
215	49.4	25.7	65.7	





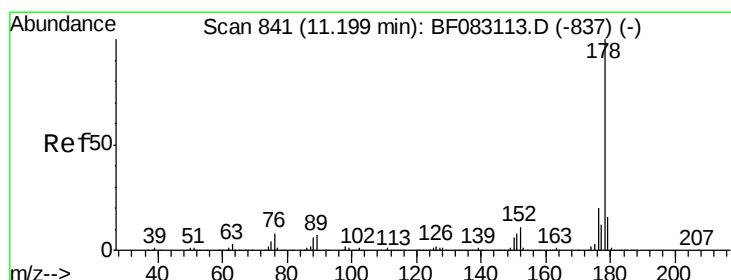
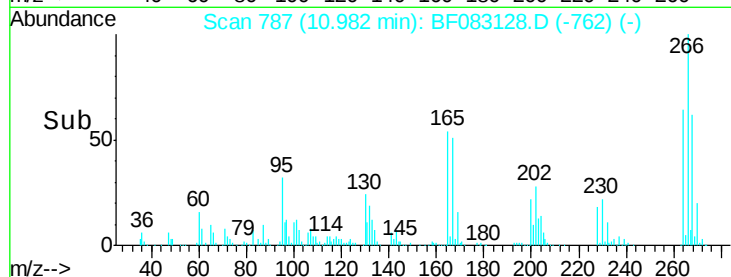
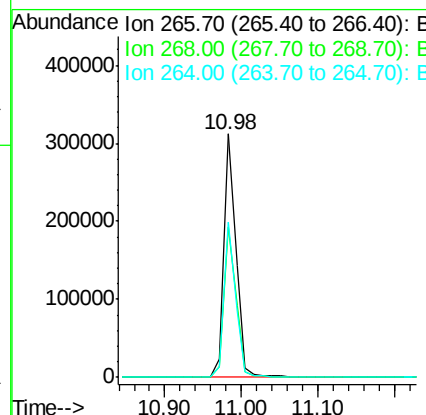
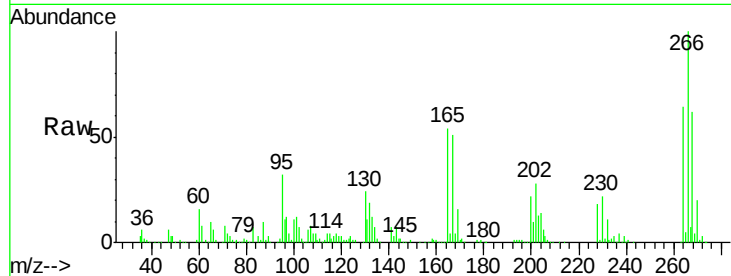
#69
 Pentachlorophenol
 Concen: 59.74 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	346102		
268	61.9	51.4	77.0	
264	63.8	51.7	77.5	

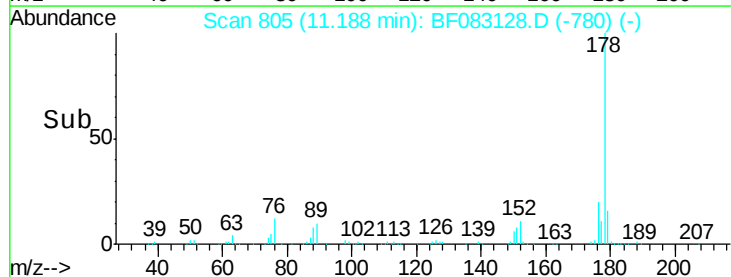
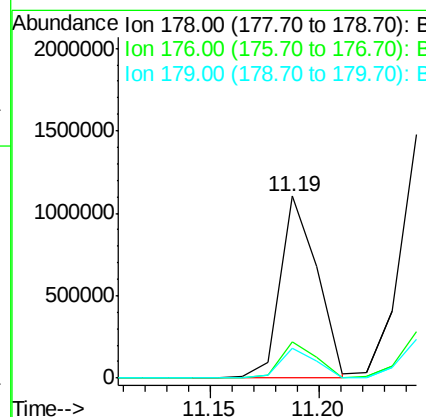
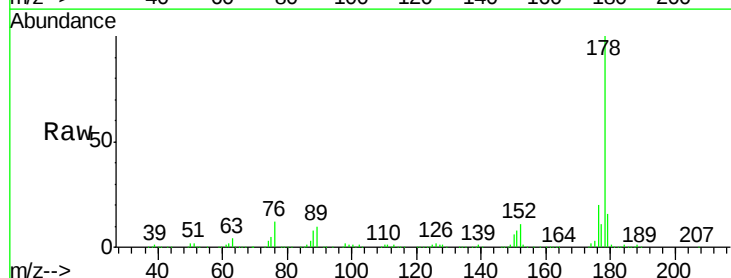
Manual Integrations
 APPROVED

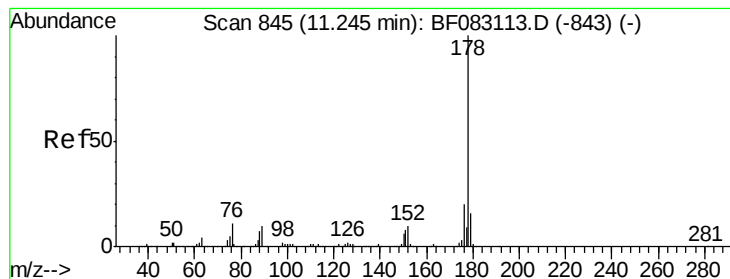
Mmdadoda
 11/23/2015 7:01:30 PM



#70
 Phenanthrene
 Concen: 31.28 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1311983		
176	19.8	16.2	24.2	
179	16.4	12.8	19.2	





#71

Anthracene

Concen: 33.07 ng

RT: 11.24 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

PB86793BS

Tot Ion:178 Resp: 1415122

Ion Ratio Lower Upper

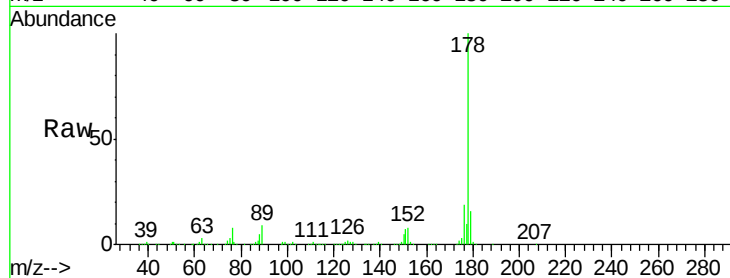
178 100

176 19.2 15.6 23.4

179 16.1 13.2 19.8

Manual Integrations
APPROVED

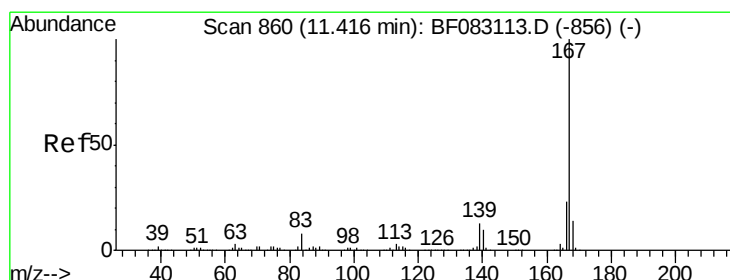
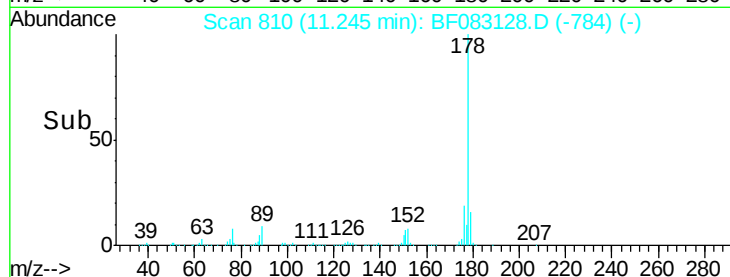
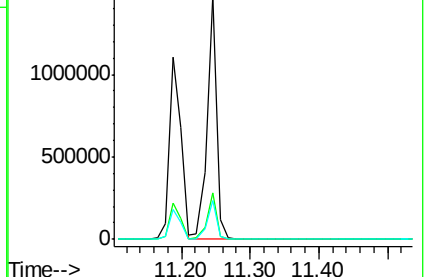
Mmdadoda
11/23/2015 7:01:30 PM



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: 31.81 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

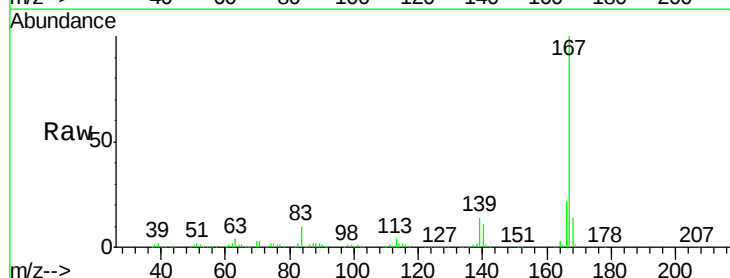
Tgt Ion:167 Resp: 1209925

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

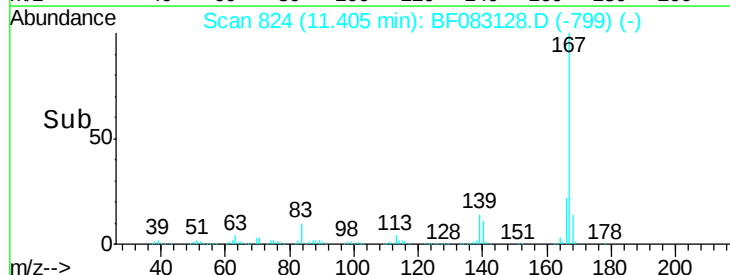
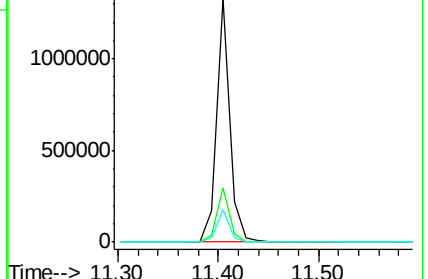
139 13.6 10.5 15.7

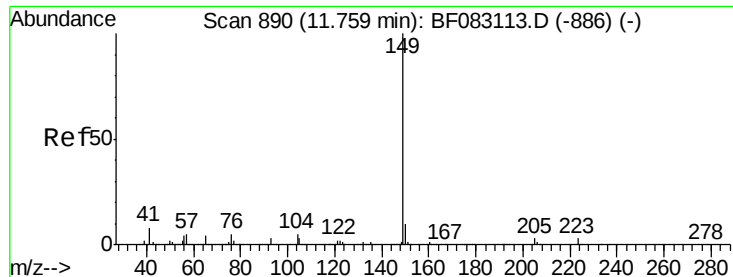


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.58 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

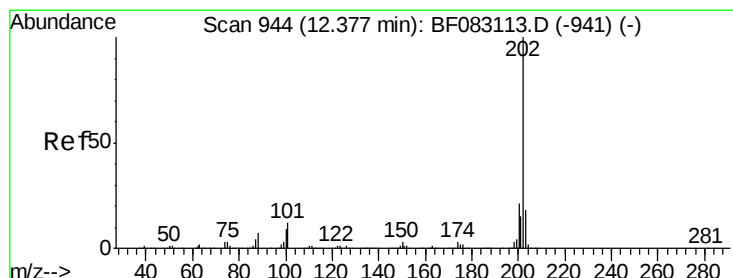
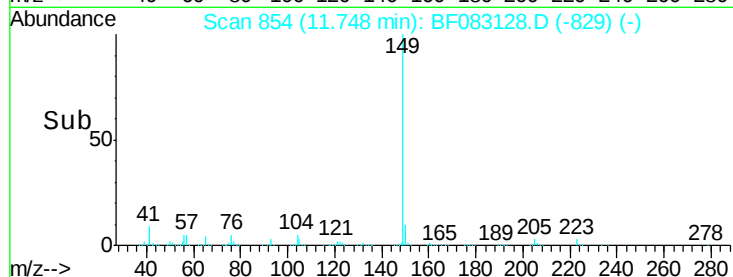
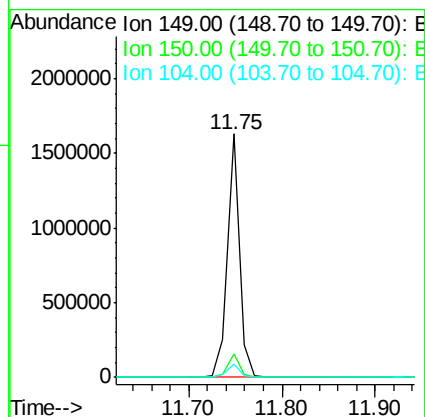
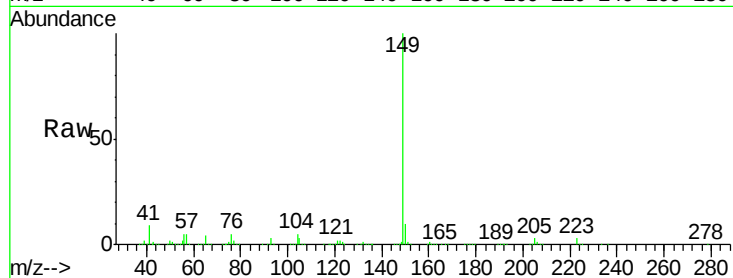
ClientSampleId :

PB86793BS

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

Tot Ion:	149	Resp:	1466023
Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.3	4.4	6.6



#74

Fluoranthene

Concen: 33.32 ng

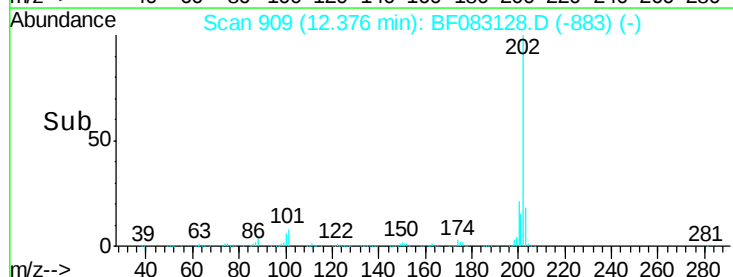
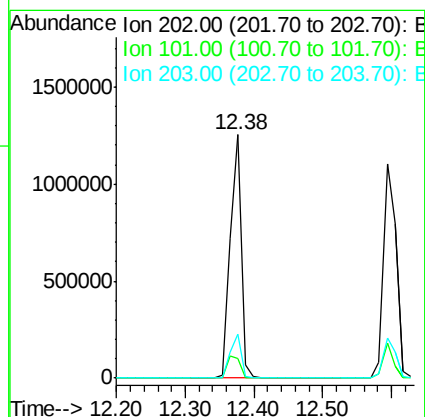
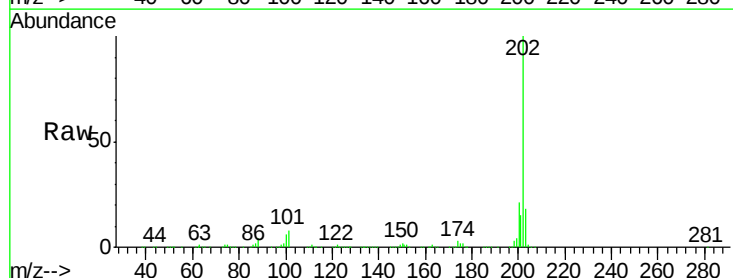
RT: 12.38 min Scan# 909

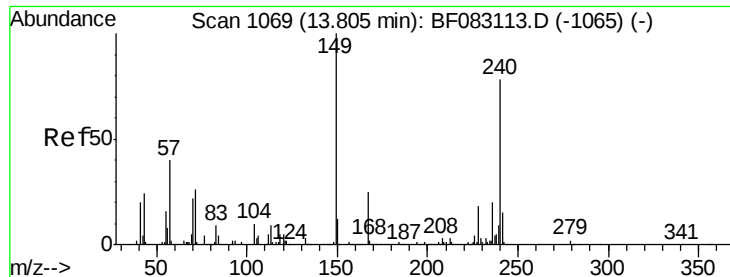
Delta R.T. -0.00 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Tgt Ion:	202	Resp:	1429977
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	32.3
203	17.9	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

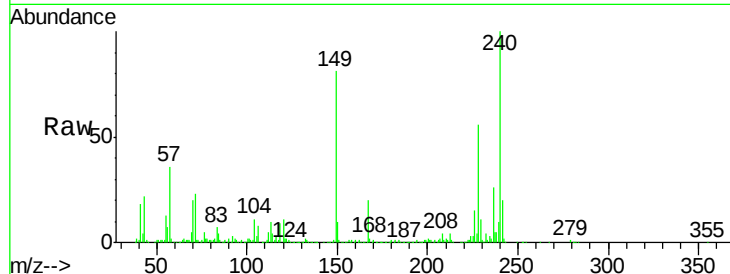
ClientSampleId :

PB86793BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.4	8.2#
236	25.6	20.6	31.0

Manual Integrations
APPROVED

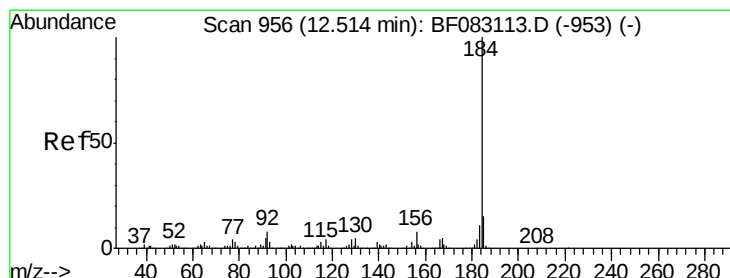
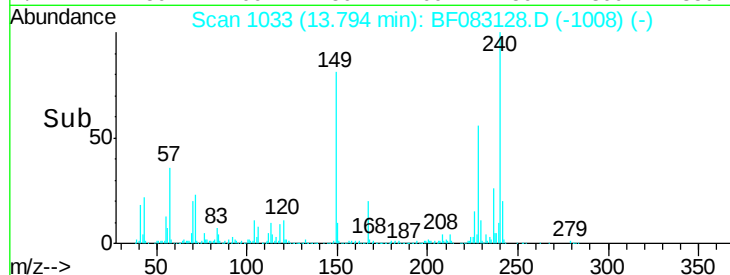
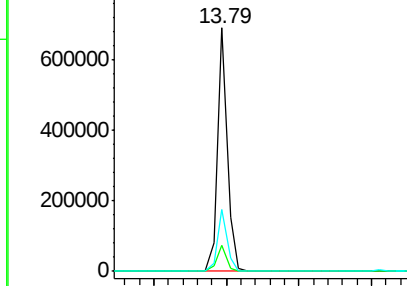
Mmdadoda
11/23/2015 7:01:30 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.21 ng

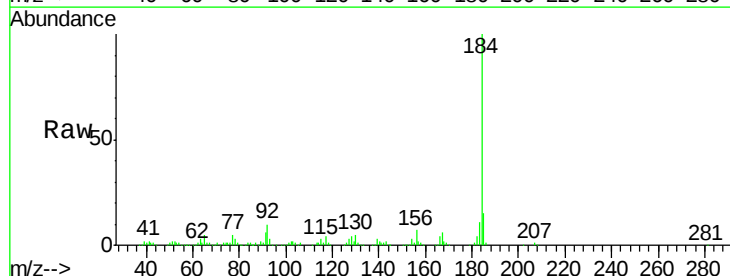
RT: 12.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

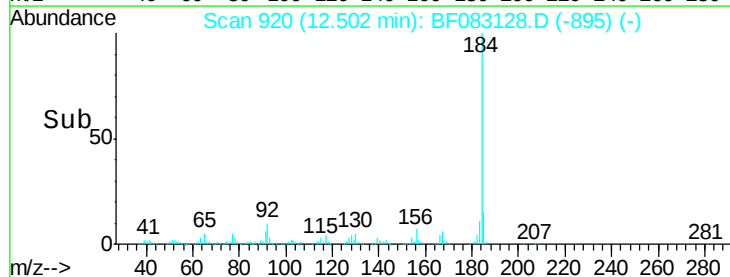
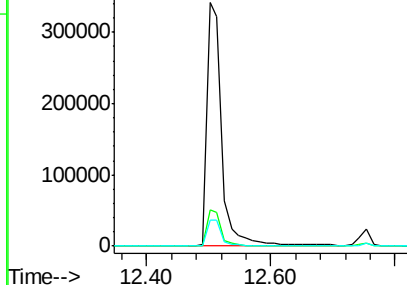
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	10.8	8.8	13.2

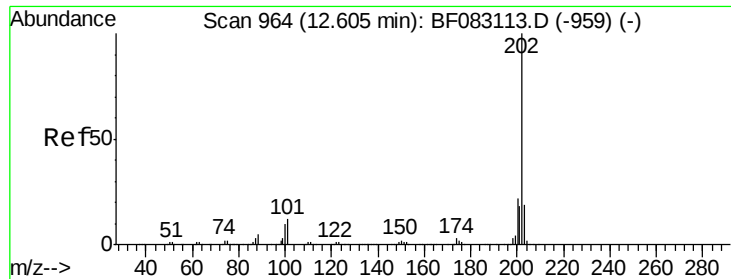


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





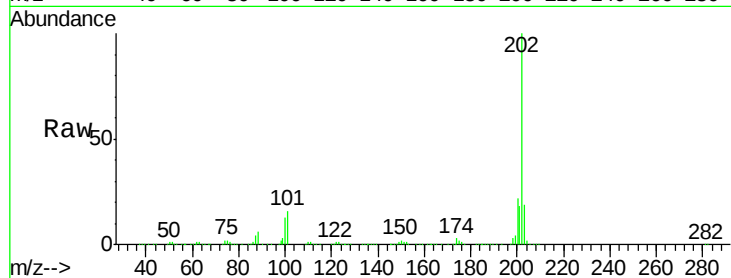
#77
Pvrene
Concen: 31.48 ng
RT: 12.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

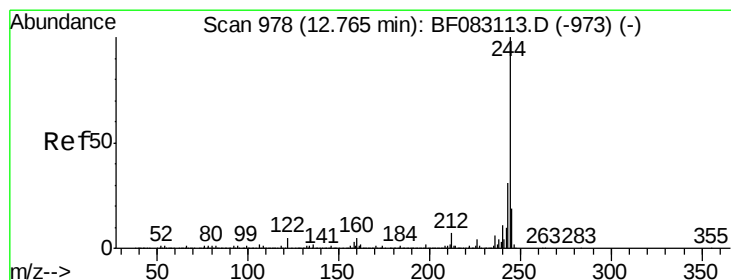
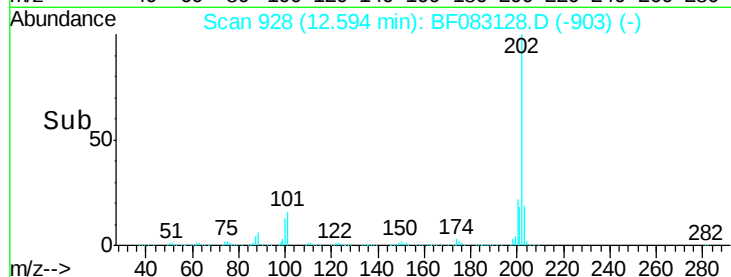
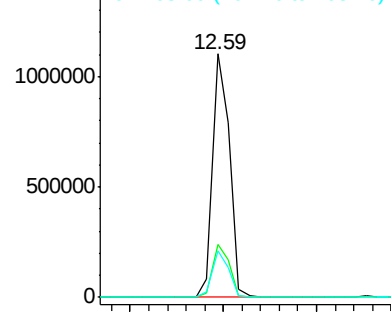
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	19.0	15.0	22.4

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

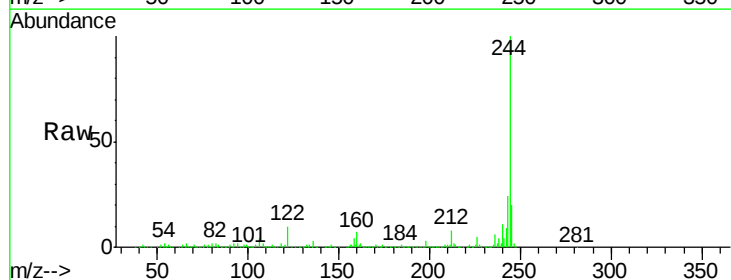


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

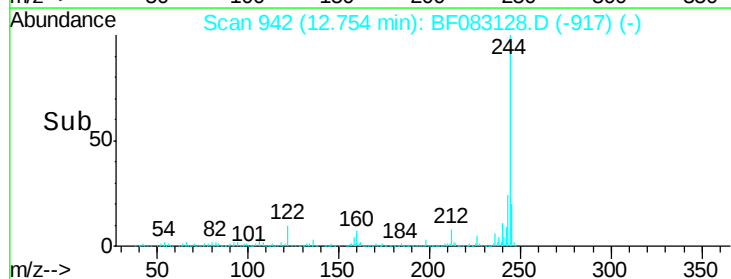
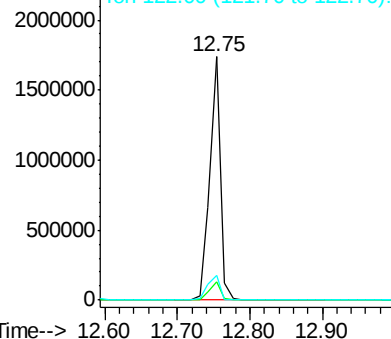


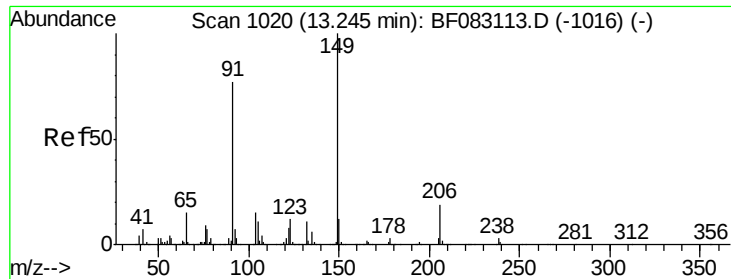
#78
Terphenyl-d14
Concen: 64.58 ng
RT: 12.75 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.2
122	10.4	4.3	6.5#



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





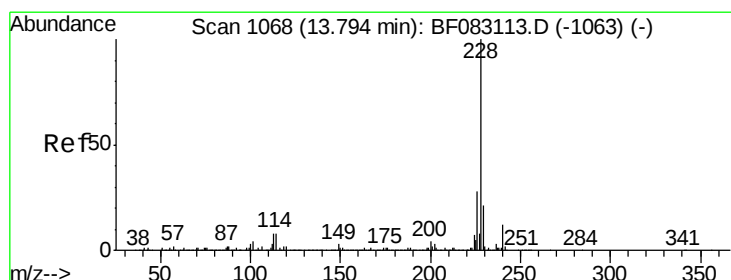
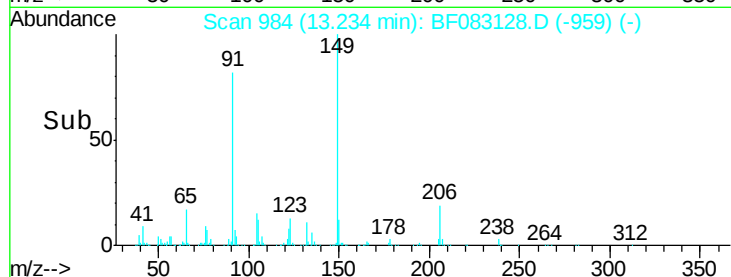
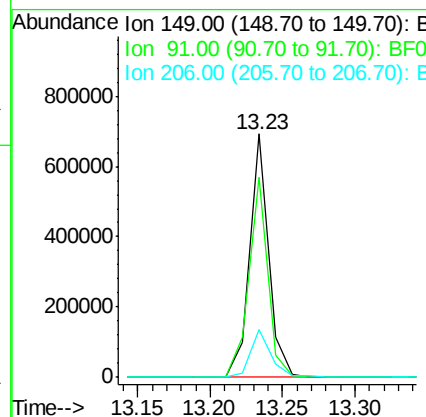
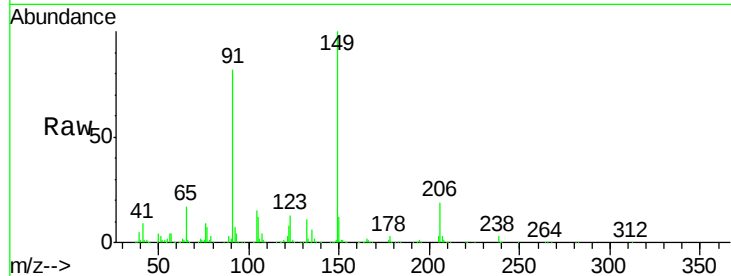
#79
Butylbenzylphthalate
Concen: 30.25 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	82.0	61.5	92.3
206	19.4	15.3	22.9

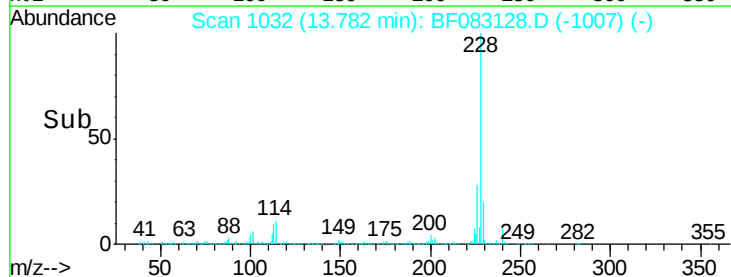
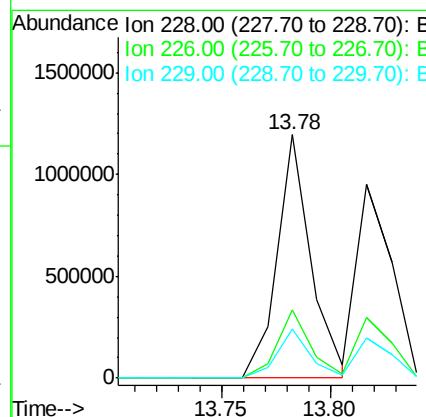
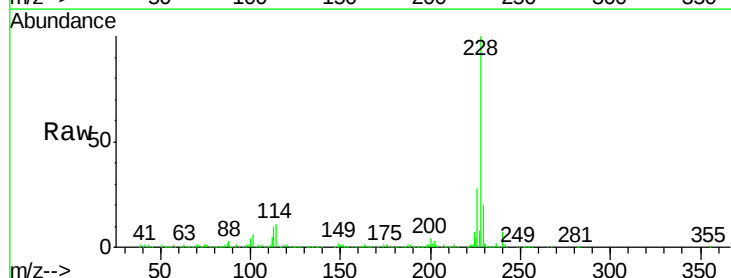
Manual Integrations
APPROVED

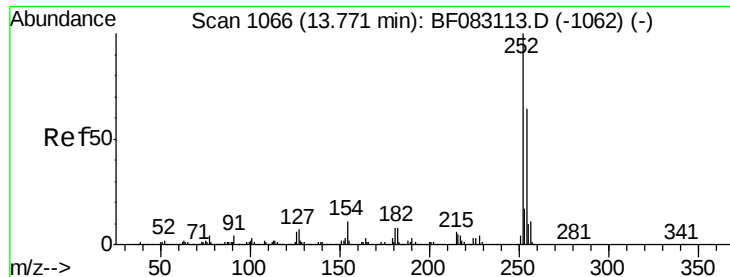
Mmdadoda
11/23/2015 7:01:30 PM



#80
Benzo(a)anthracene
Concen: 32.77 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.2	16.6	24.8





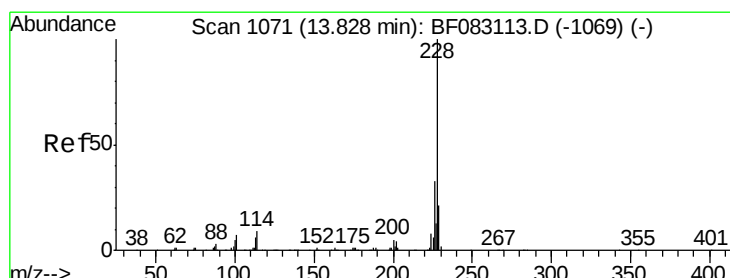
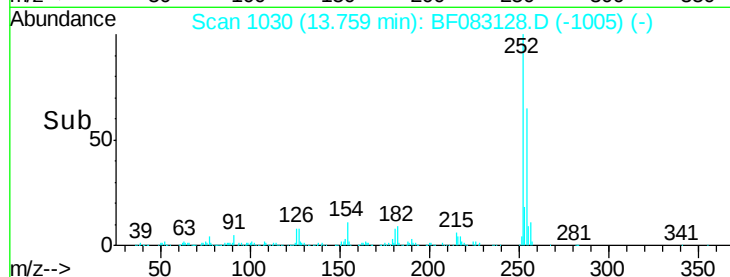
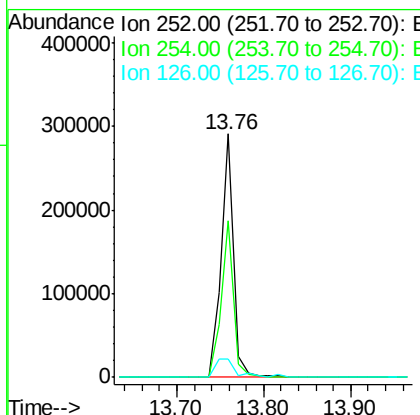
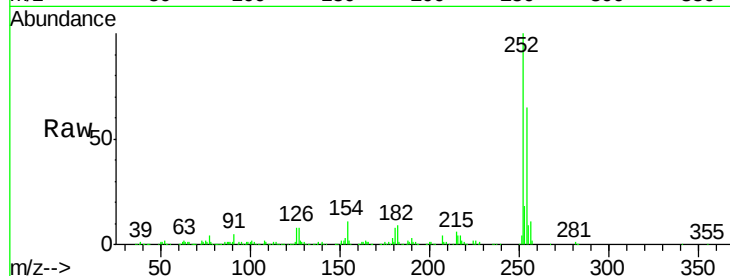
#81
 3,3'-Dichlorobenzidine
 Concen: 21.37 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	296790		
254	64.6	51.5	77.3	
126	7.8	5.2	7.8	

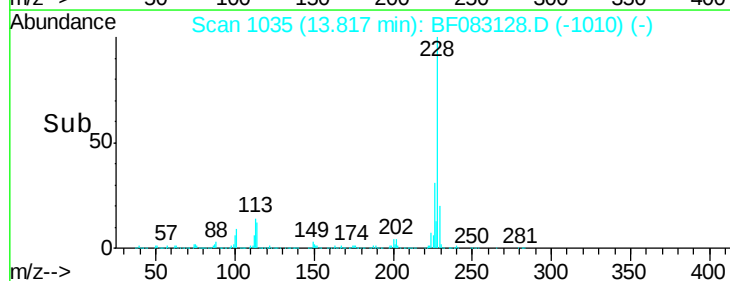
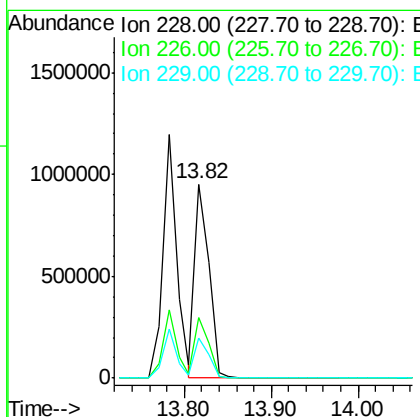
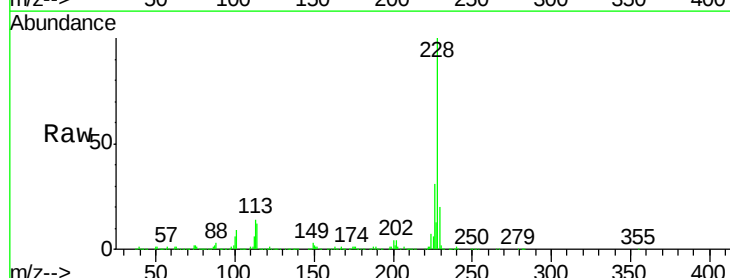
Manual Integrations
 APPROVED

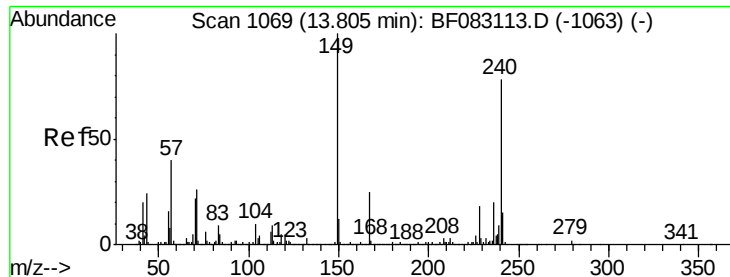
Mmdadoda
 11/23/2015 7:01:30 PM



#82
 Chrysene
 Concen: 29.15 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1078667		
226	31.4	25.5	38.3	
229	20.4	16.6	25.0	





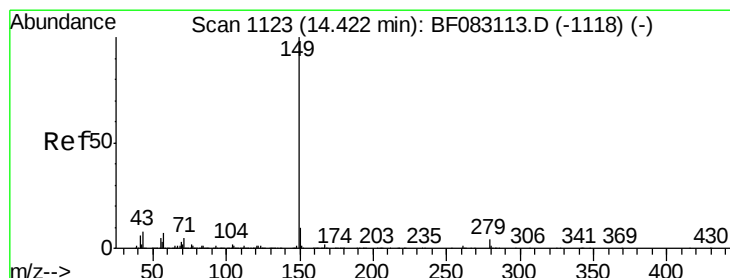
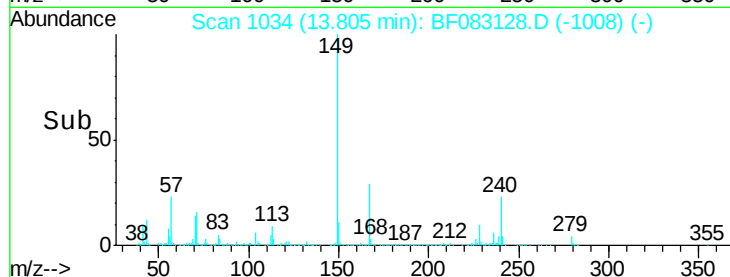
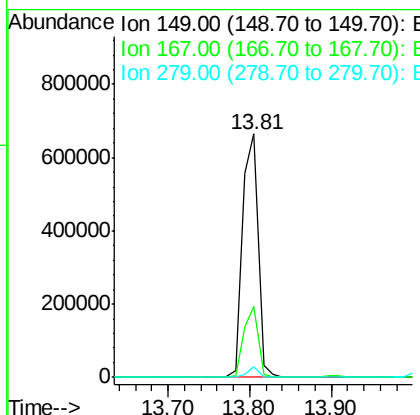
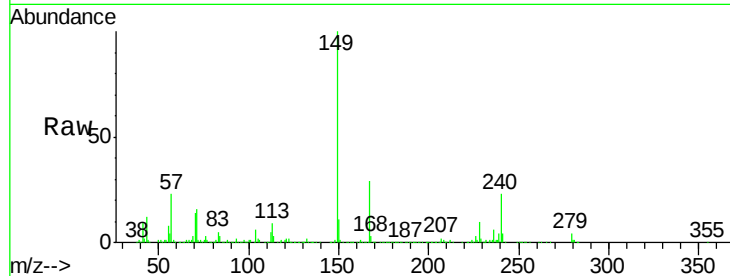
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.44 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	883762		
167	28.9	20.1	30.1	
279	4.3	1.7	2.5	

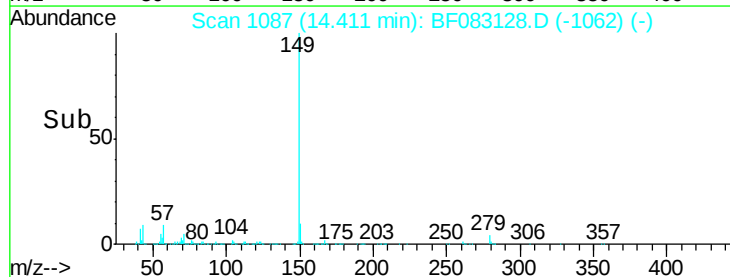
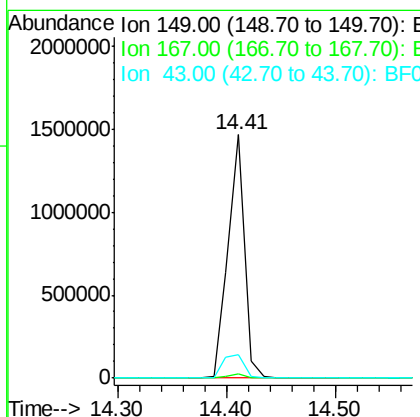
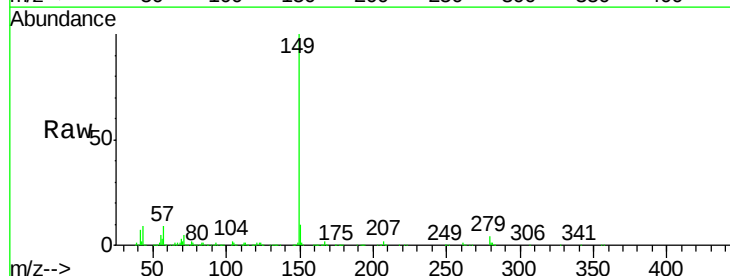
Manual Integrations
 APPROVED

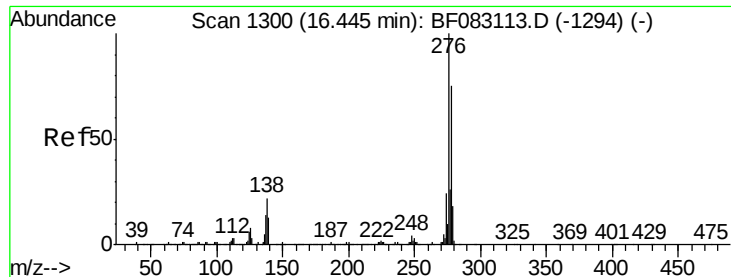
Mmdadoda
 11/23/2015 7:01:30 PM



#84
 Di-n-octyl phthalate
 Concen: 32.65 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1531489		
167	1.5	1.2	1.8	
43	12.2	9.5	14.3	





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.86 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

Instrument :

BNA_F

ClientSampleId :

PB86793BS

Tot Ion:276 Resp: 1139690

Ion Ratio Lower Upper

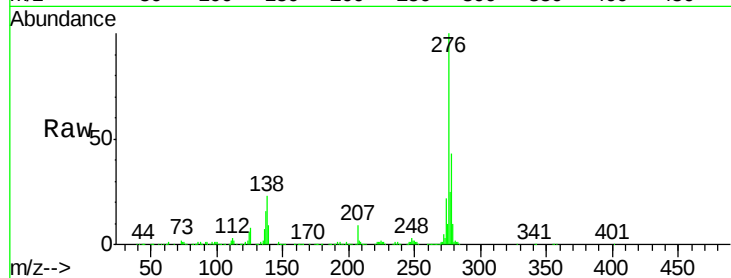
276 100

138 23.9 18.0 27.0

277 25.2 20.2 30.4

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

600000

500000

400000

300000

200000

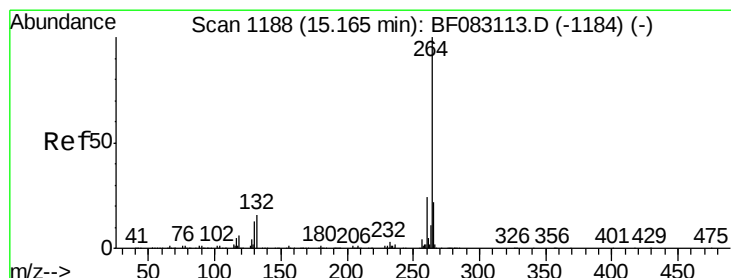
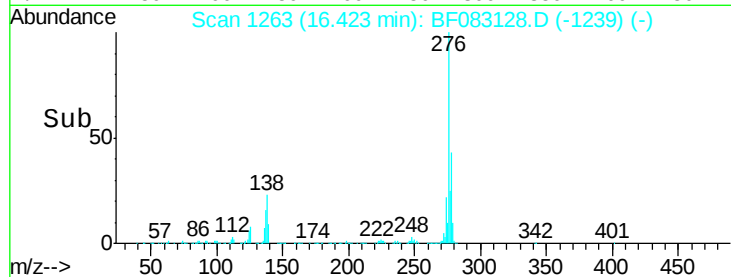
100000

0

16.40

16.60

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083128.D

Acq: 22 Nov 2015 00:07

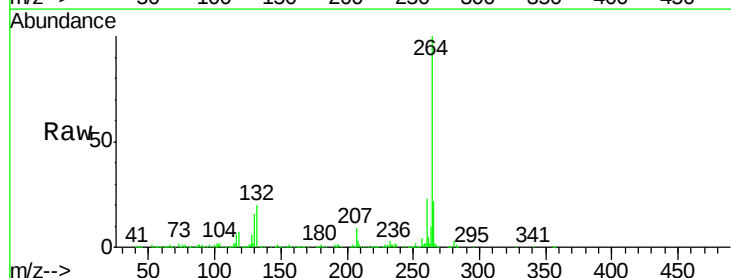
Tgt Ion:264 Resp: 602067

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 22.1 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

600000

500000

400000

300000

200000

100000

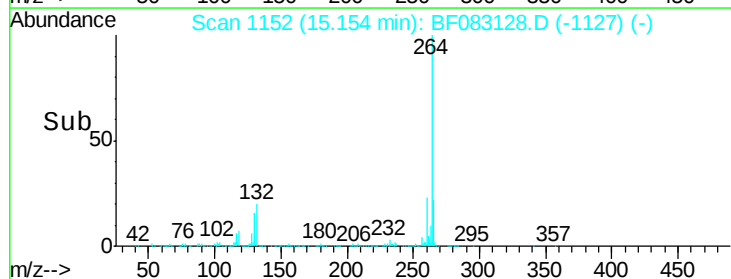
0

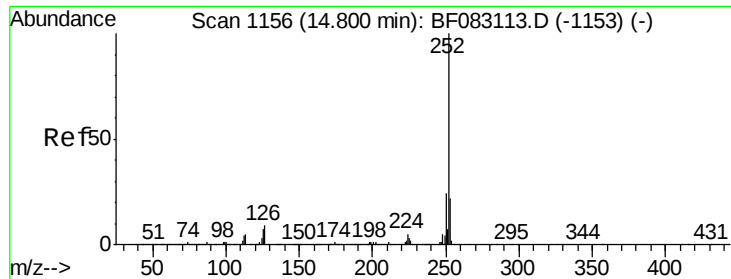
15.10

15.20

15.30

Time-->





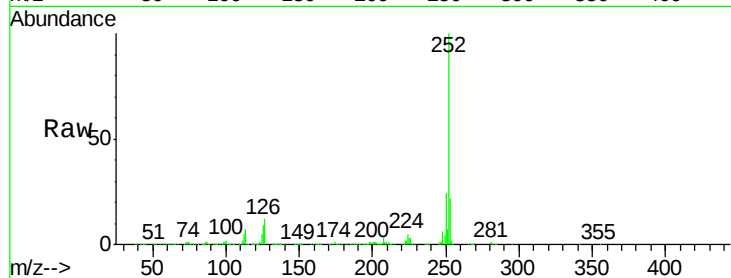
#87
Benzo(b)fluoranthene
Concen: 29.69 ng m
RT: 14.79 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

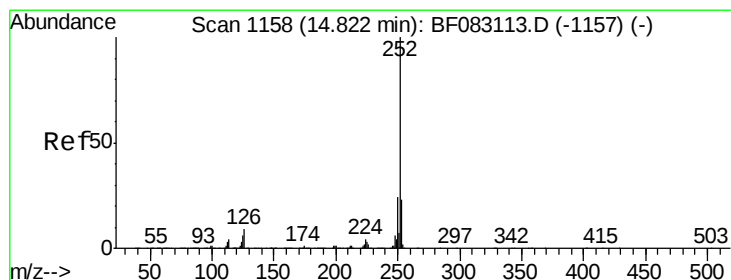
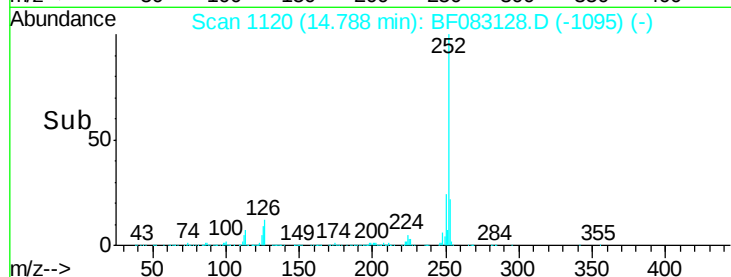
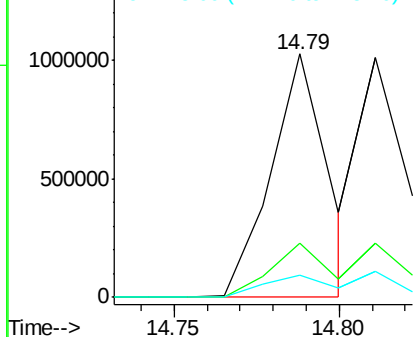
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.2	5.6	8.4

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:01:30 PM

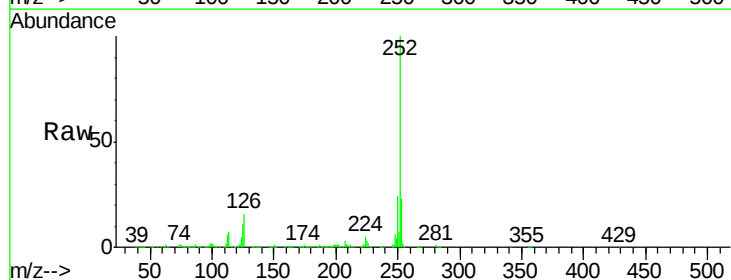


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

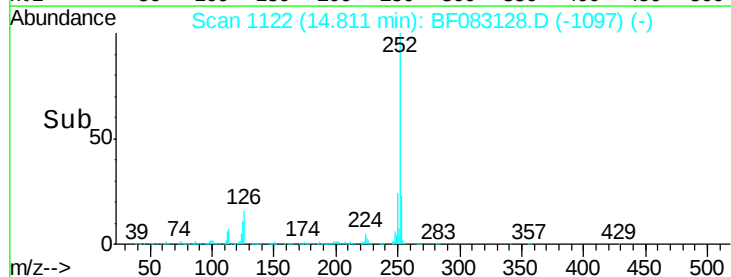
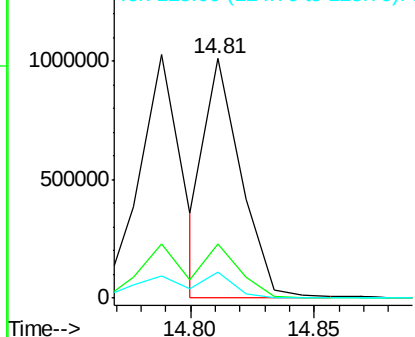


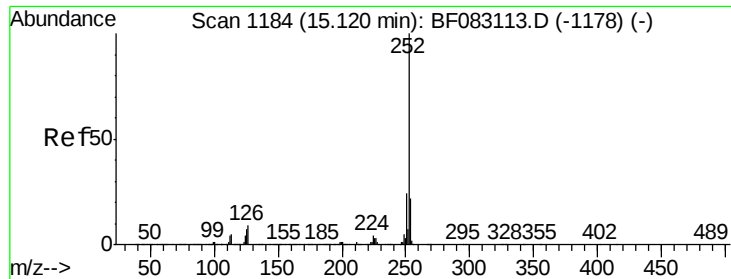
#88
Benzo(k)fluoranthene
Concen: 33.16 ng m
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.8	6.8	10.2



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





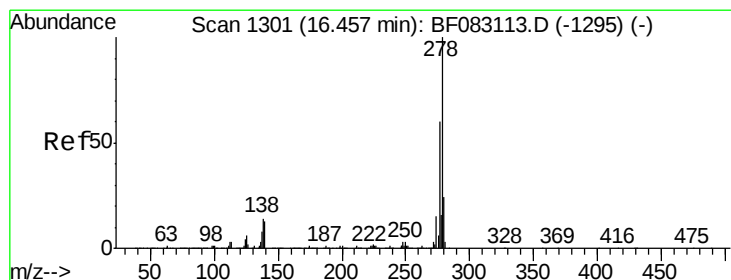
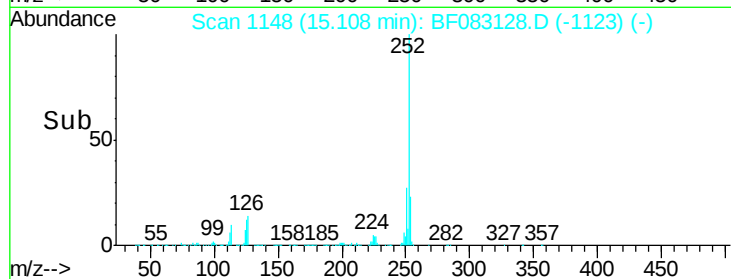
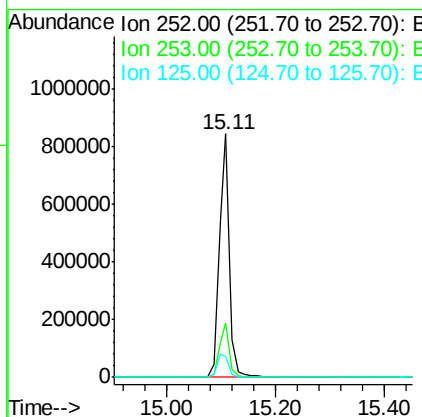
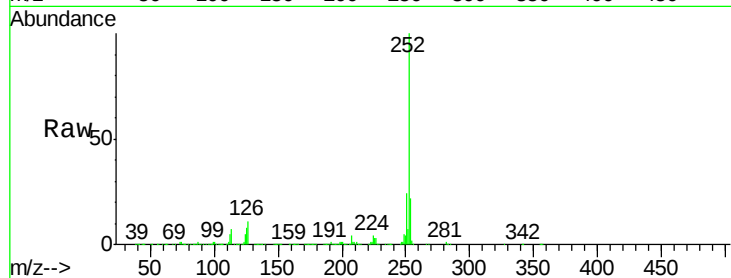
#89
Benzo(a)pyrene
Concen: 32.47 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Instrument :
BNA_F
ClientSampleId :
PB86793BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	8.3	5.4	8.0

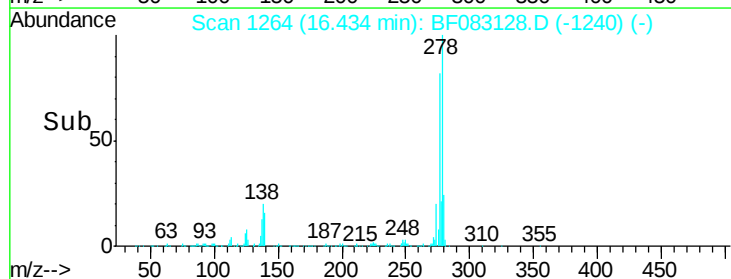
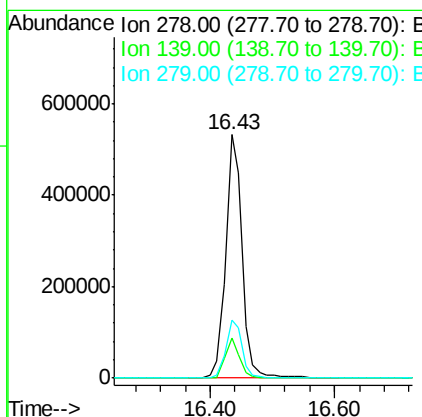
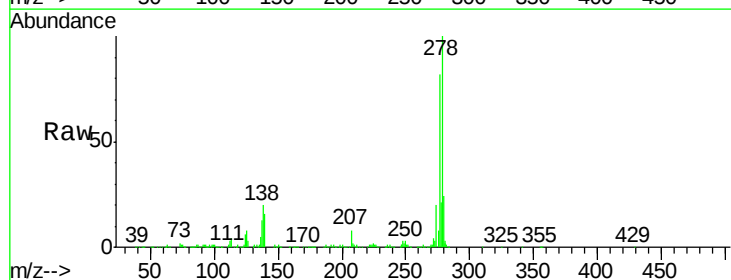
Manual Integrations
APPROVED

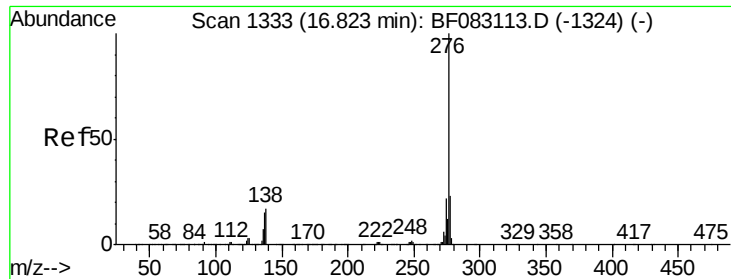
Mmdadoda
11/23/2015 7:01:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.45 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083128.D
Acq: 22 Nov 2015 00:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	10.7	16.1
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 30.95 ng
 RT: 16.80 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF083128.D
 Acq: 22 Nov 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86793BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	21.3	13.9	20.9

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:30 PM

