

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083201.D
 Acq On : 23 Nov 2015 13:39
 Operator : UM/IZ
 Sample : PB86782BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:57 PM

Quant Time: Nov 24 05:26:00 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	6.64	152	209729	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	826045	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	416138	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	762716	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	650954	20.00	ng	-0.02
86) Perylene-d12	15.14	264	574843	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	941814	67.89	ng	-0.03
7) Phenol-d6	6.31	99	1250369	69.66	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1138475	62.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	289075	67.90	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1924076	64.47	ng	-0.01
78) Terphenyl-d14	12.74	244	1840551	66.58	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	193886	28.22	ng	# 90
3) Pyridine	2.86	79	553316	30.49	ng	96
4) n-Nitrosodimethylamine	2.80	42	296483	35.42	ng	96
6) Aniline	6.31	93	520631	23.73	ng	# 85
8) 2-Chlorophenol	6.43	128	529665	35.34	ng	91
9) Benzaldehyde	6.18	77	206416	19.68	ng	97
10) Phenol	6.32	94	729179	33.58	ng	83
11) bis(2-Chloroethyl)ether	6.39	93	570395	36.79	ng	97
12) 1,3-Dichlorobenzene	6.58	146	543842m	31.78	ng	
13) 1,4-Dichlorobenzene	6.66	146	549361m	31.74	ng	
14) 1,2-Dichlorobenzene	6.81	146	535958	34.06	ng	99
15) Benzyl Alcohol	6.80	79	470882	31.39	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.94	45	972665	40.23	ng	# 68
17) 2-Methylphenol	6.92	107	426823	34.42	ng	97
18) Hexachloroethane	7.15	117	203754	33.42	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	444988	35.62	ng	95
20) 3+4-Methylphenols	7.08	107	583309	37.21	ng	95
22) Acetophenone	7.06	105	756872	31.92	ng	# 96
24) Nitrobenzene	7.23	77	657155	34.02	ng	95
25) Isophorone	7.47	82	1103434	32.24	ng	97
26) 2-Nitrophenol	7.55	139	274679	32.21	ng	97
27) 2,4-Dimethylphenol	7.61	122	485265	35.66	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	652338	32.78	ng	99
29) 2,4-Dichlorophenol	7.80	162	457303	35.33	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	460544	32.39	ng	96
31) Naphthalene	7.95	128	1475030	33.09	ng	100
32) Benzoic acid	7.76	122	308489	29.16	ng	97
33) 4-Chloroaniline	8.01	127	304950	17.63	ng	95
34) Hexachlorobutadiene	8.08	225	266574	31.73	ng	97
35) Caprolactam	8.39	113	141846m	34.19	ng	
36) 4-Chloro-3-methylphenol	8.51	107	476562	31.79	ng	89
37) 2-Methylnaphthalene	8.64	142	913518	31.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	435531	32.29	ng	98
40) Hexachlorocyclopentadiene	8.80	237	461815	60.22	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083201.D
 Acq On : 23 Nov 2015 13:39
 Operator : UM/IZ
 Sample : PB86782BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:57 PM

Quant Time: Nov 24 05:26:00 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	8.94	196	310480	32.14	nq	99
43) 2,4,5-Trichlorophenol	8.98	196	340438	34.47	nq	99
45) 1,1'-Biphenyl	9.11	154	1163514	32.85	nq	98
46) 2-Chloronaphthalene	9.13	162	944392	33.95	nq	97
47) 2-Nitroaniline	9.23	65	347432	35.30	nq	94
48) Acenaphthylene	9.54	152	1485759	34.46	nq	100
49) Dimethylphthalate	9.42	163	1037292	32.38	nq	100
50) 2,6-Dinitrotoluene	9.47	165	226743	31.54	nq	97
51) Acenaphthene	9.71	154	891986	34.00	nq	99
52) 3-Nitroaniline	9.64	138	163771	21.37	nq	# 72
53) 2,4-Dinitrophenol	9.75	184	275264	66.46	nq	# 83
54) Dibenzofuran	9.88	168	1277632	34.44	nq	100
55) 4-Nitrophenol	9.84	139	408934	69.58	nq	88
56) 2,4-Dinitrotoluene	9.87	165	303024	33.27	nq	95
57) Fluorene	10.23	166	1054498	34.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	272104	33.58	nq	99
59) Diethylphthalate	10.11	149	975503	30.59	nq	96
60) 4-Chlorophenyl-phenylether	10.22	204	444691	31.67	nq	98
61) 4-Nitroaniline	10.26	138	255325	33.84	nq	95
62) Azobenzene	10.38	77	1239860	34.06	nq	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	193676	36.85	nq	94
65) n-Nitrosodiphenylamine	10.34	169	851524	32.83	nq	100
66) 4-Bromophenyl-phenylether	10.71	248	301808	35.66	nq	96
67) Hexachlorobenzene	10.76	284	308906	33.14	nq	# 85
68) Atrazine	10.88	200	289785	38.47	nq	99
69) Pentachlorophenol	10.97	266	371050	61.12	nq	100
70) Phenanthrene	11.18	178	1451623	33.03	nq	99
71) Anthracene	11.23	178	1580336	35.25	nq	100
72) Carbazole	11.39	167	1439091	36.11	nq	99
73) Di-n-butylphthalate	11.74	149	1571466	32.31	nq	# 97
74) Fluoranthene	12.35	202	1504435	33.45	nq	96
76) Benzidine	12.49	184	698518	40.94	nq	100
77) Pyrene	12.58	202	1534991	34.52	nq	100
79) Butylbenzylphthalate	13.22	149	691149	32.84	nq	# 86
80) Benzo(a)anthracene	13.77	228	1398433	34.74	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	318512	22.73	nq	# 97
82) Chrysene	13.81	228	1243791m	33.31	nq	
83) Bis(2-ethylhexyl)phthalate	13.78	149	893686	32.51	nq	# 98
84) Di-n-octyl phthalate	14.39	149	1480757	31.29	nq	96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1092561	32.17	nq	96
87) Benzo(b)fluoranthene	14.78	252	1511119m	38.47	nq	
88) Benzo(k)fluoranthene	14.80	252	880629m	30.09	nq	
89) Benzo(a)pyrene	15.09	252	1100785	33.95	nq	# 95
90) Dibenzo(a,h)anthracene	16.41	278	924863	31.40	nq	97
91) Benzo(g,h,i)perylene	16.78	276	896417	31.17	nq	96

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

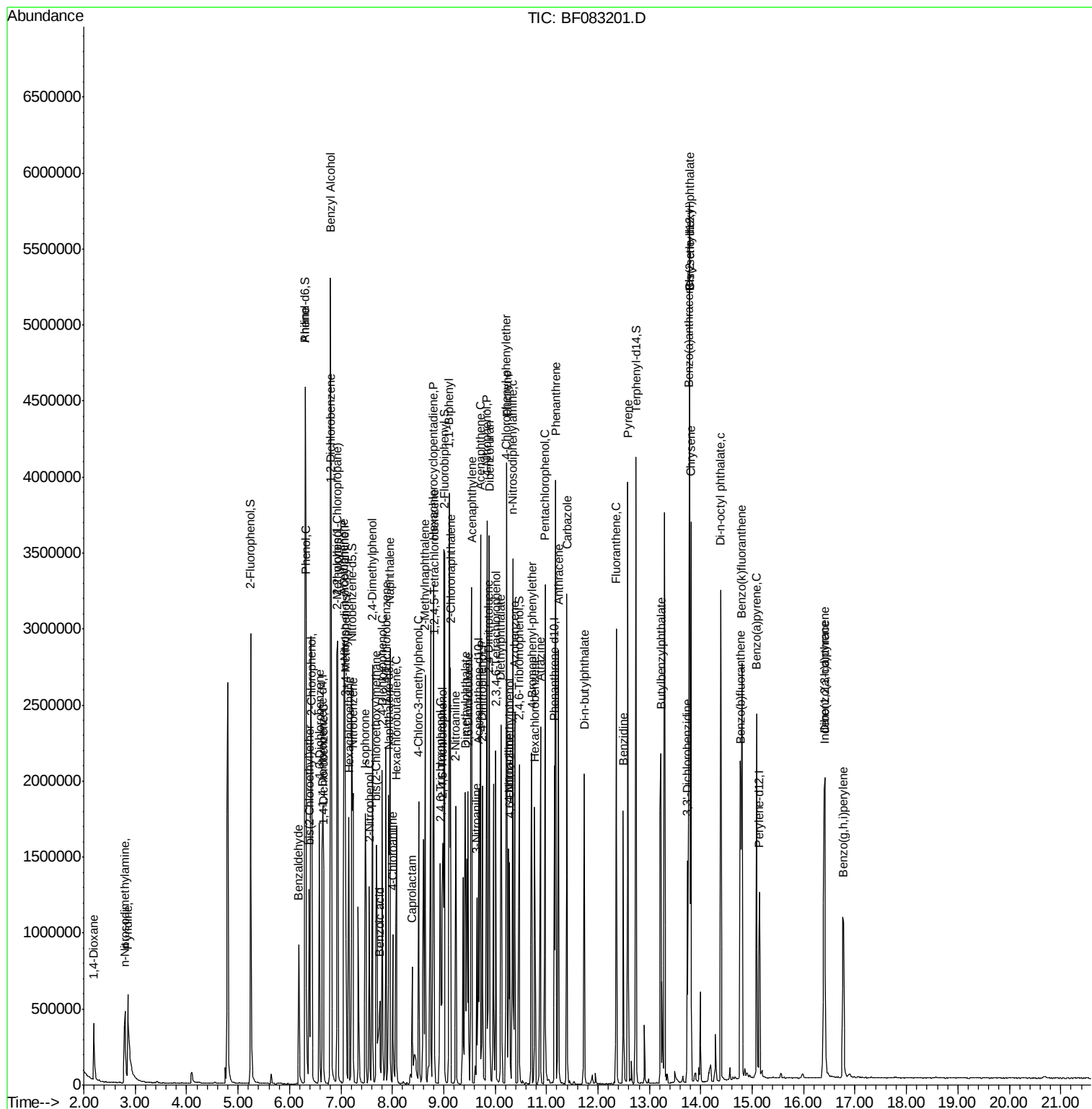
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\  
Data File : BF083201.D  
Acq On    : 23 Nov 2015   13:39  
Operator  : UM/IZ  
Sample    : PB86782BS  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```

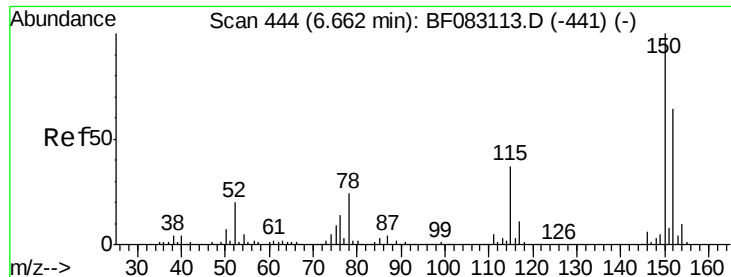
Instrument :
BNA_F
ClientSampleId :
PB86782BS

Manual Integrations APPROVED

Mmdadoda
11/24/2015 1:19:57 PM

Quant Time: Nov 24 05:26:00 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





#1

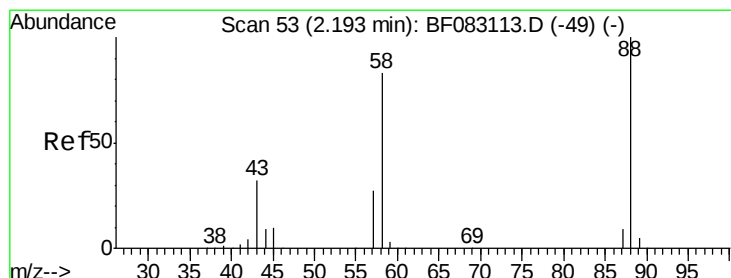
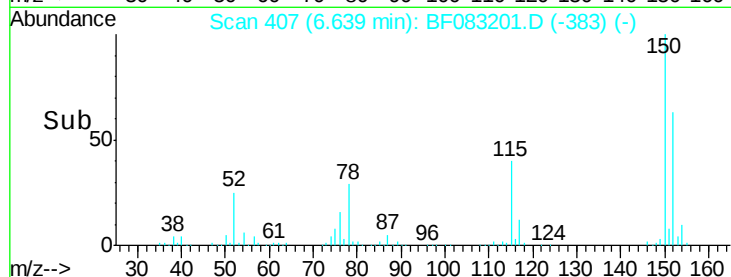
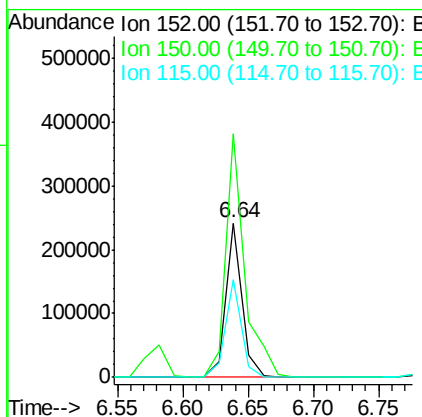
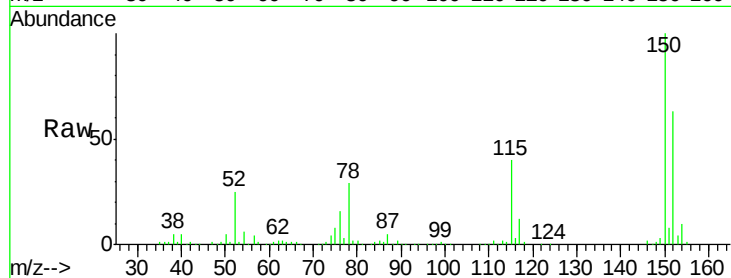
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.8
115	63.6	46.9	70.3

Manual Integrations
APPROVED

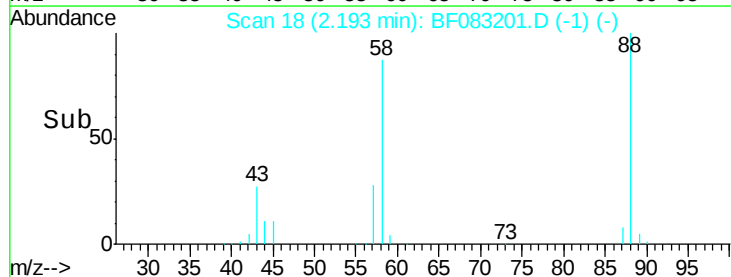
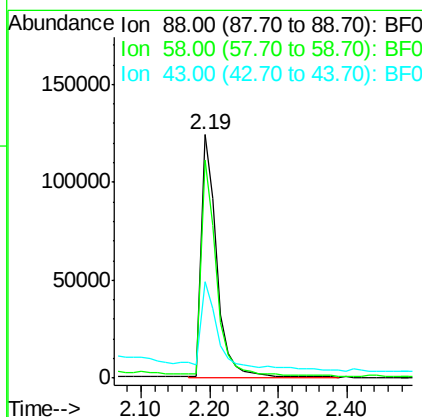
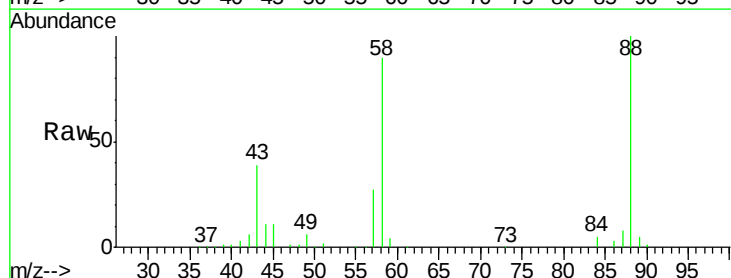
Mmdadoda
11/24/2015 1:19:57 PM

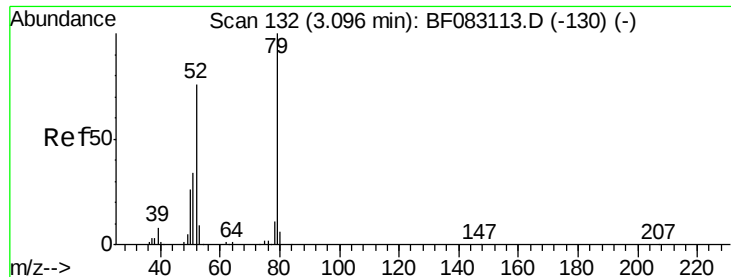


#2

1,4-Dioxane
Concen: 28.22 ng
RT: 2.19 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	65.0	97.6
43	44.8	24.7	37.1





#3

Pvridine

Concen: 30.49 ng

RT: 2.86 min Scan# 76

Delta R.T. -0.24 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

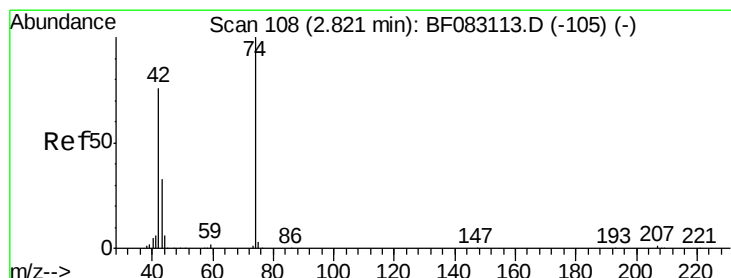
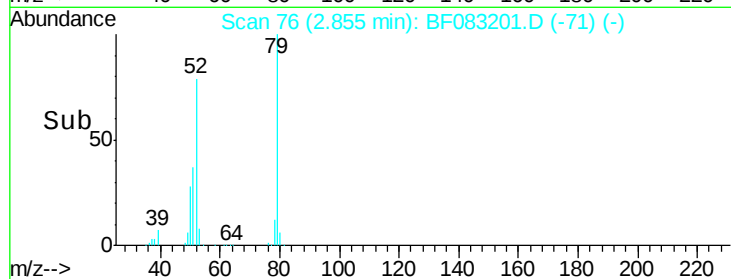
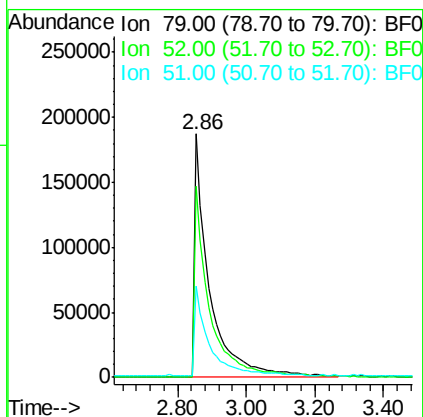
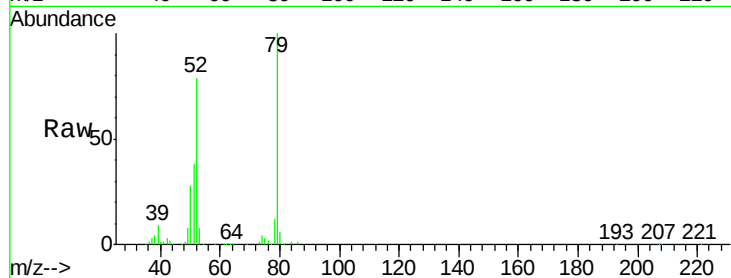
ClientSampleId :

PB86782BS

Tot Ion:	79	Resp:	553316
Ion Ratio	Lower	Upper	
79	100		
52	78.5	60.7	91.1
51	37.6	27.9	41.9

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#4

n-Nitrosodimethylamine

Concen: 35.42 ng

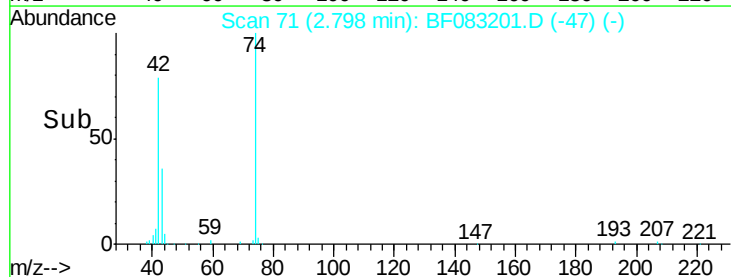
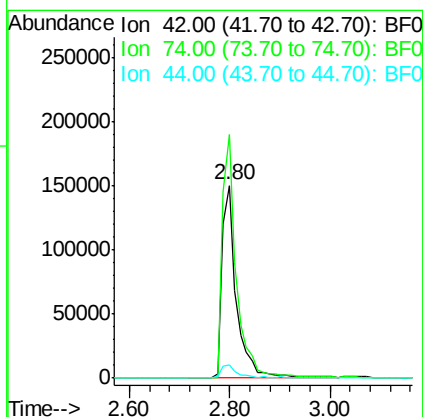
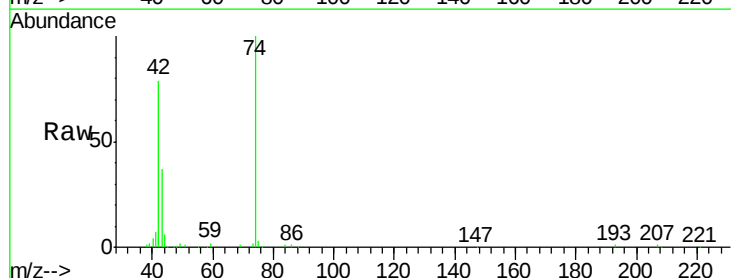
RT: 2.80 min Scan# 71

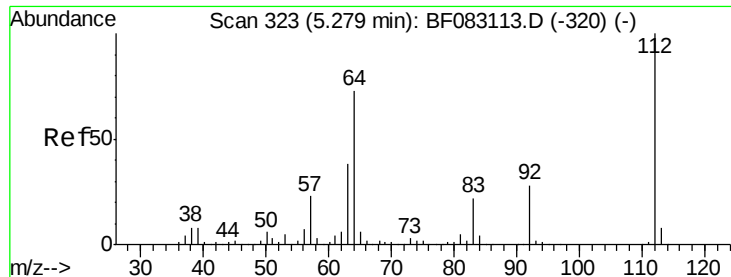
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	42	Resp:	296483
Ion Ratio	Lower	Upper	
42	100		
74	126.6	104.8	157.2
44	7.0	6.2	9.4





#5

2-Fluorophenol

Concen: 67.89 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

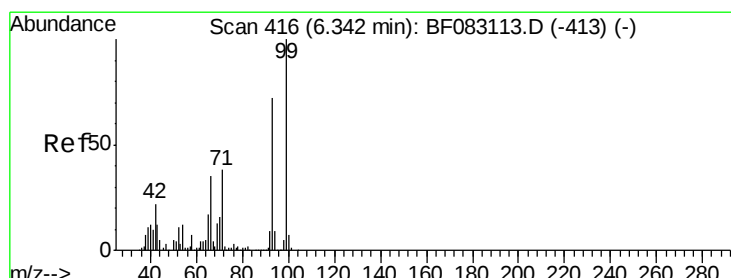
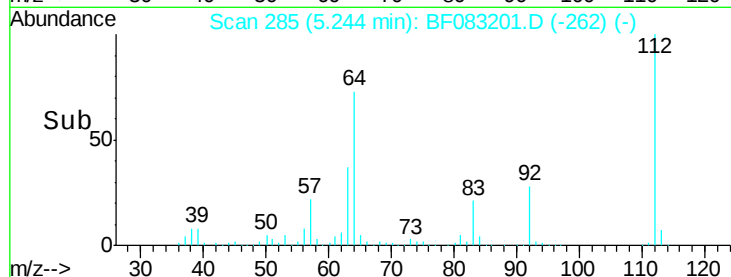
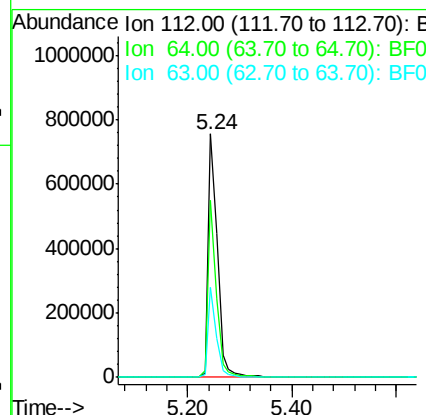
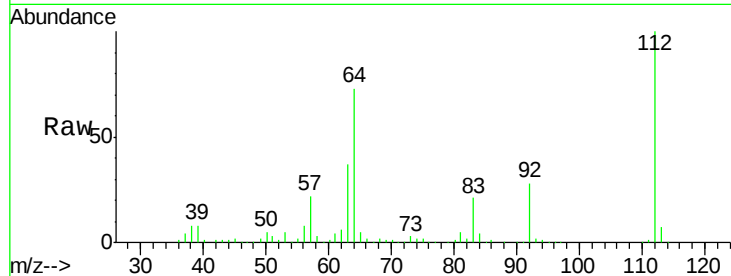
ClientSampleId :

PB86782BS

Tot Ion:	112	Resp:	941814
Ion Ratio	Lower	Upper	
112	100		
64	72.5	58.4	87.6
63	36.8	30.0	45.0

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#6

Aniline

Concen: 23.73 ng

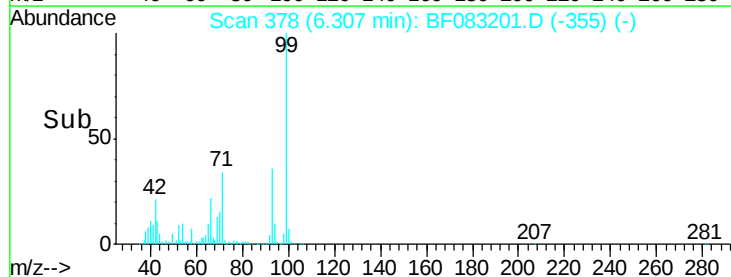
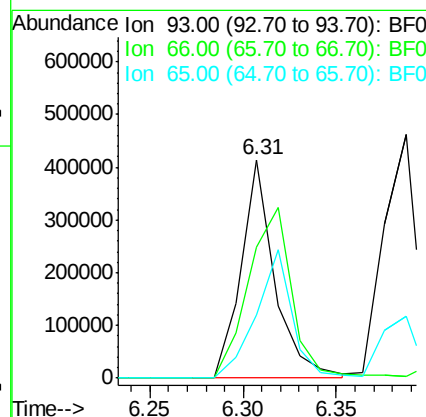
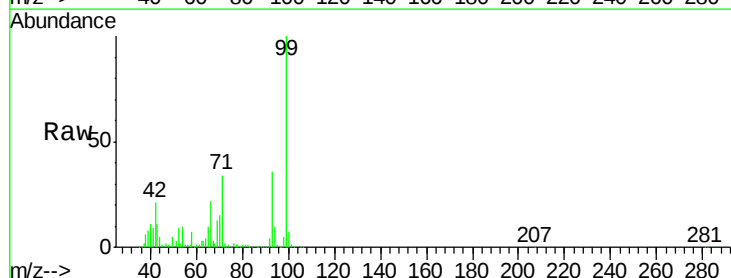
RT: 6.31 min Scan# 378

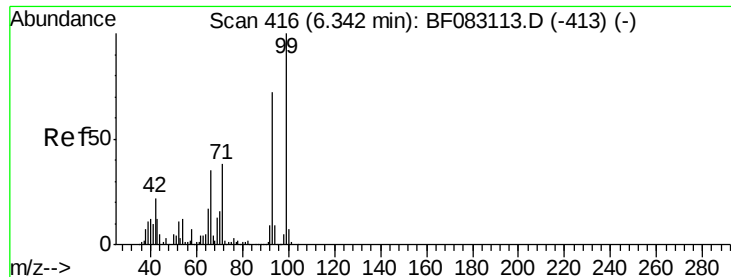
Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	93	Resp:	520631
Ion Ratio	Lower	Upper	
93	100		
66	59.8	38.7	58.1#
65	28.8	18.6	27.8#





#7

Phenol-d6

Concen: 69.66 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion: 99 Resp: 1250369

Ion Ratio Lower Upper

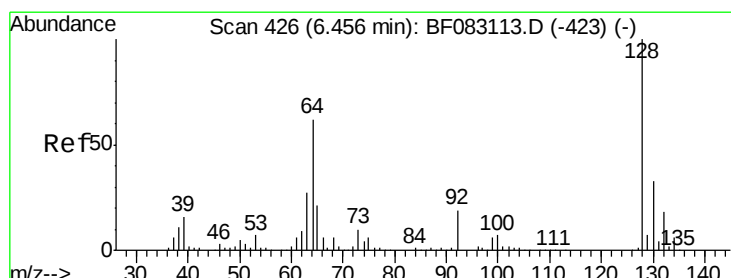
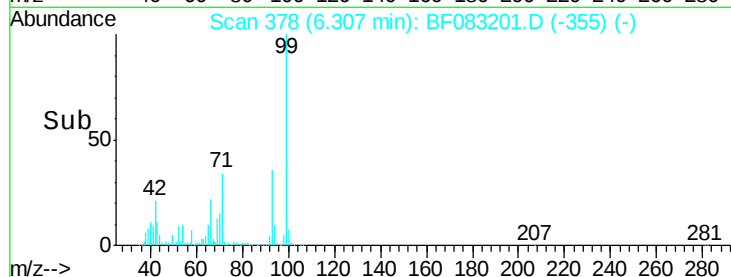
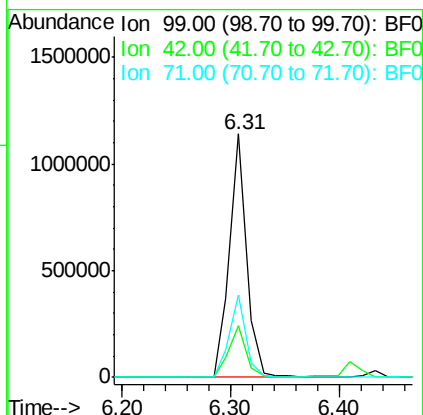
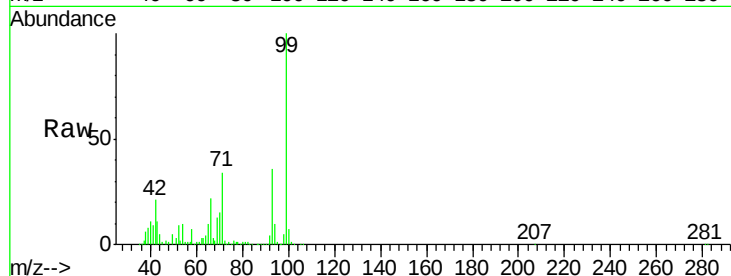
99 100

42 21.0 17.7 26.5

71 33.7 30.2 45.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#8

2-Chlorophenol

Concen: 35.34 ng

RT: 6.43 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

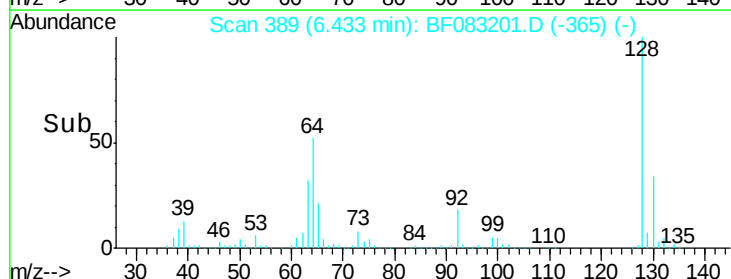
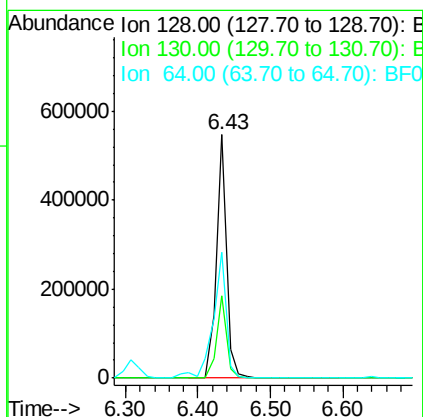
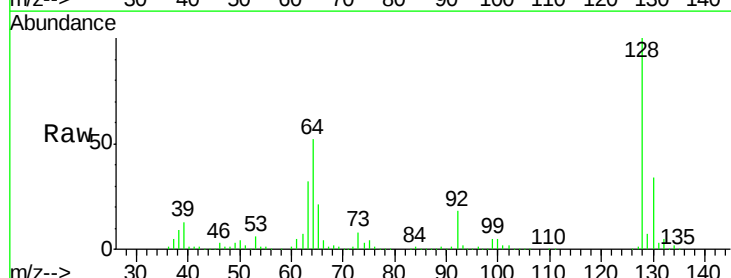
Tgt Ion: 128 Resp: 529665

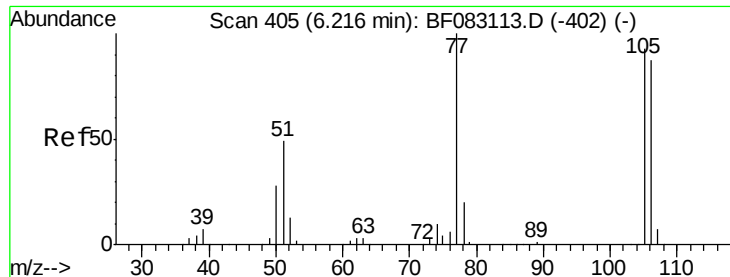
Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

64 51.8 41.9 81.9





#9

Benzaldehyde

Concen: 19.68 ng

RT: 6.18 min Scan# 367

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

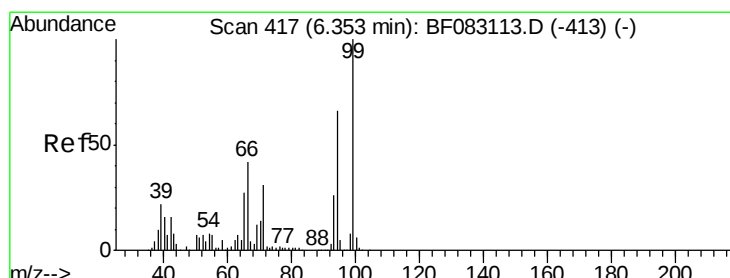
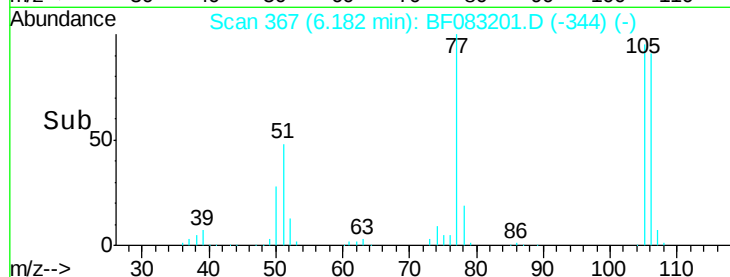
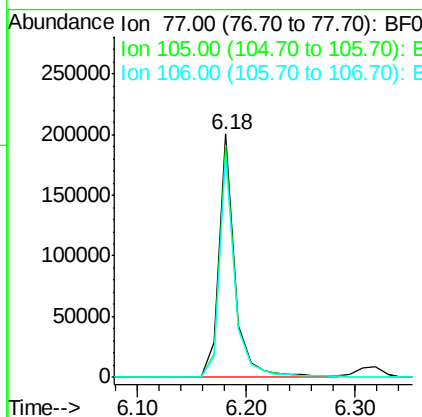
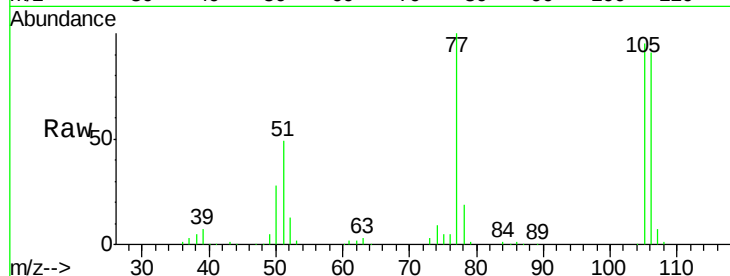
ClientSampleId :

PB86782BS

Tot Ion:	77	Resp:	206416
Ion	Ratio	Lower	Upper
77	100		
105	95.3	73.4	113.4
106	91.2	67.5	107.5

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#10

Phenol

Concen: 33.58 ng

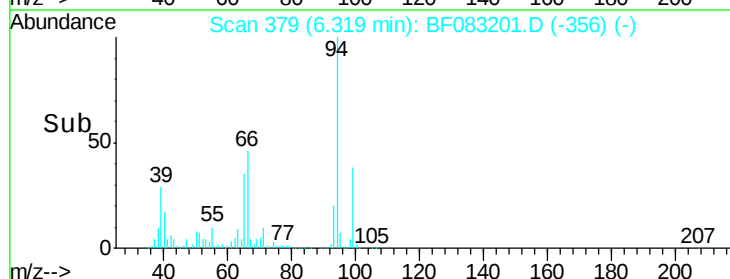
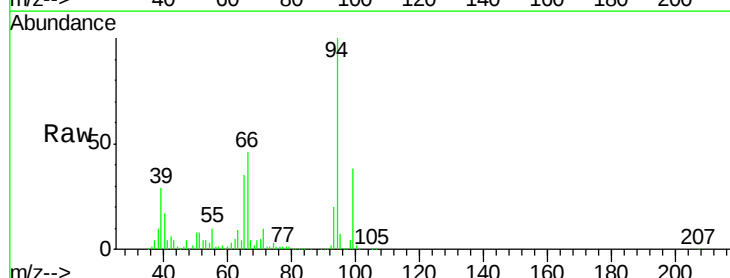
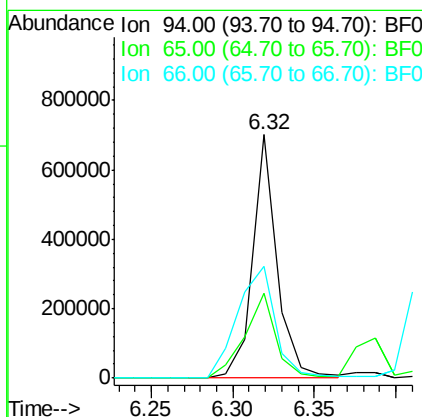
RT: 6.32 min Scan# 379

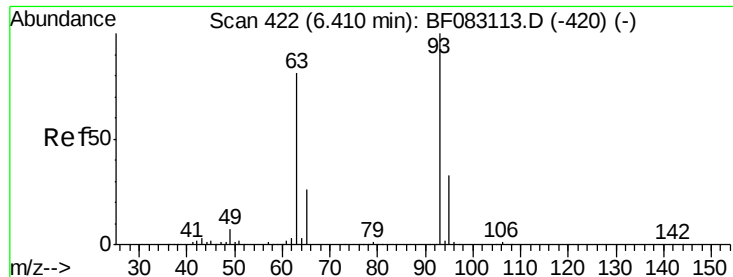
Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	94	Resp:	729179
Ion	Ratio	Lower	Upper
94	100		
65	34.6	21.1	61.1
66	46.0	43.1	83.1





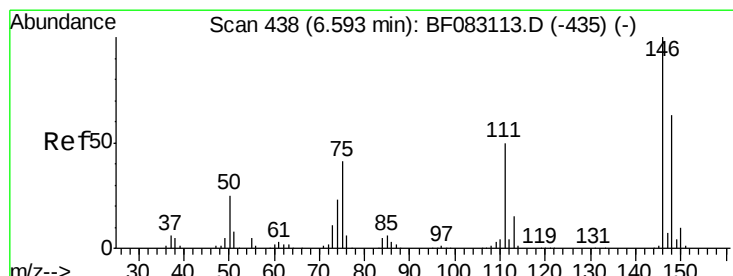
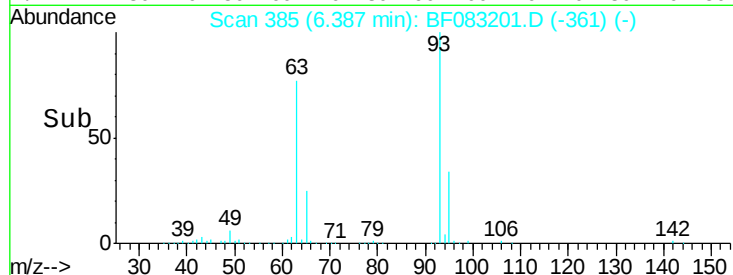
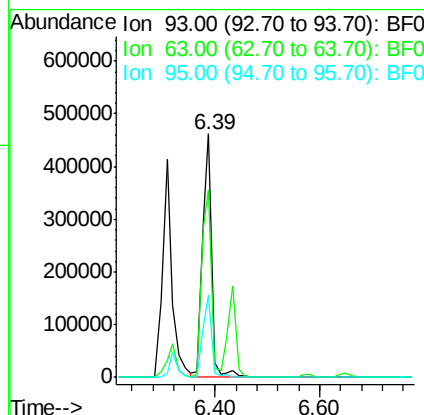
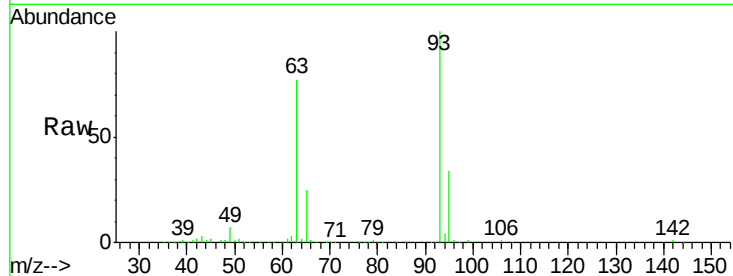
#11
bis(2-Chloroethyl)ether
Concen: 36.79 ng
RT: 6.39 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	570395		
63	76.9	59.8	99.8	
95	33.6	13.0	53.0	

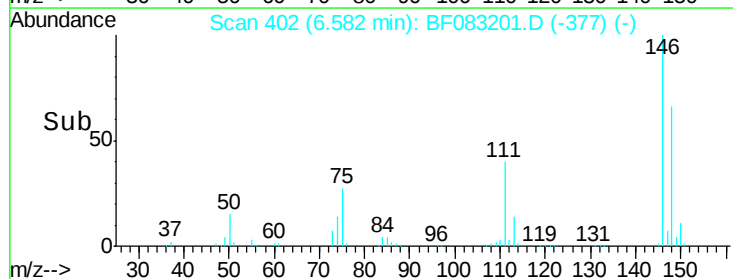
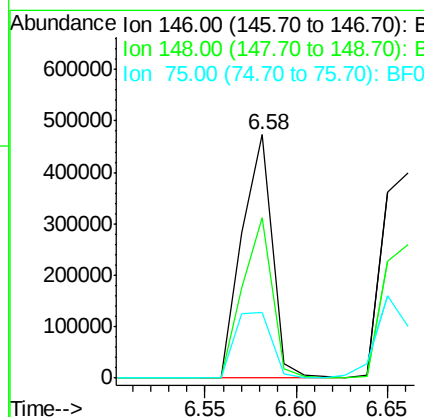
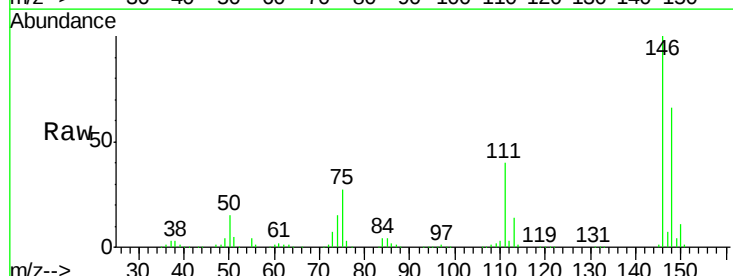
Manual Integrations
APPROVED

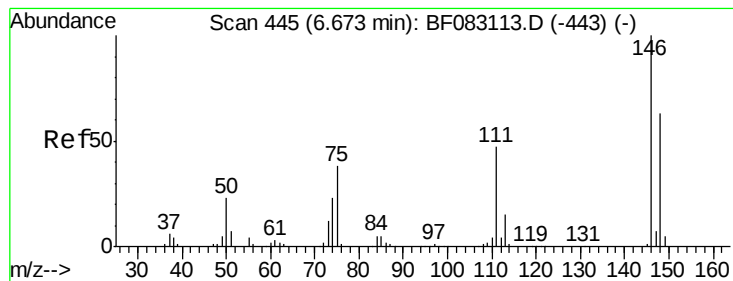
Mmdadoda
11/24/2015 1:19:57 PM



#12
1,3-Dichlorobenzene
Concen: 31.78 ng m
RT: 6.58 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	543842		
148	65.7	50.2	75.2	
75	26.9	32.7	49.1	





#13

1,4-Dichlorobenzene

Concen: 31.74 ng/mL

RT: 6.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

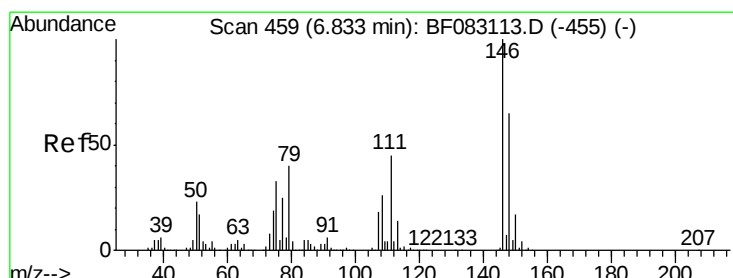
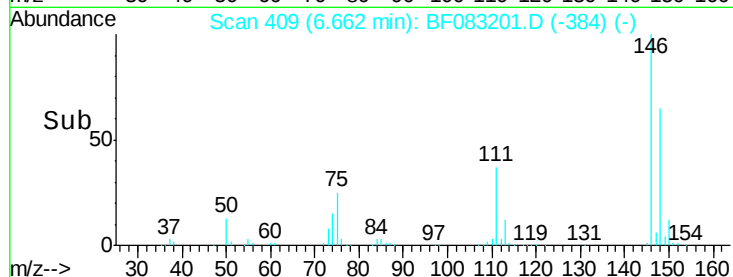
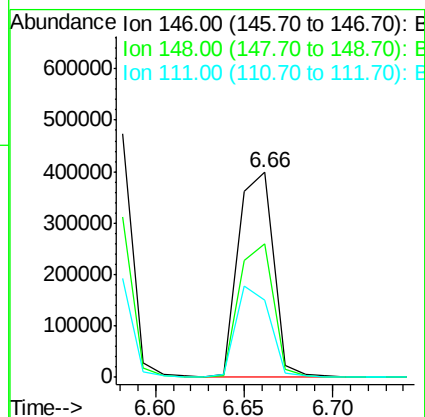
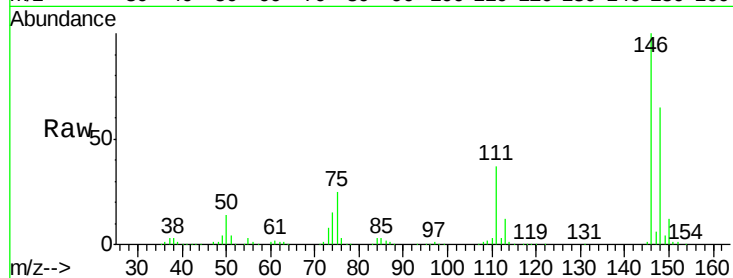
ClientSampleID :

PB86782BS

Tot Ion:	146	Resp:	549361
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.2	75.2
111	37.4	37.5	56.3

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#14

1,2-Dichlorobenzene

Concen: 34.06 ng/mL

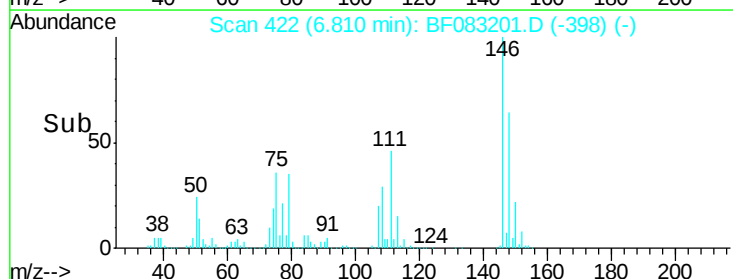
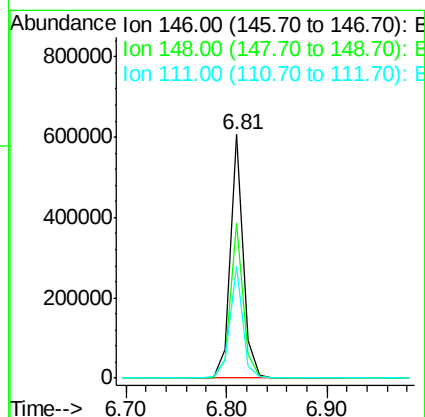
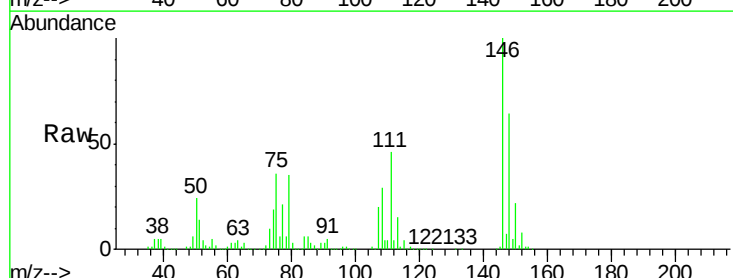
RT: 6.81 min Scan# 422

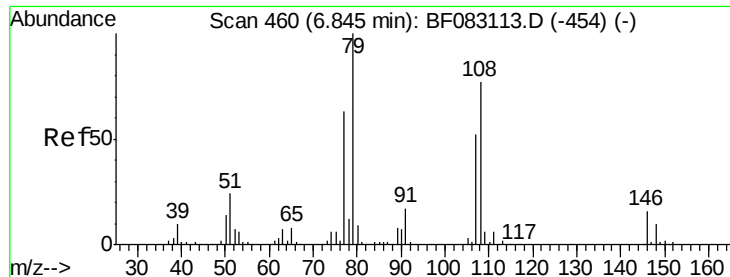
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	146	Resp:	535958
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
111	46.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 31.39 ng

RT: 6.80 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

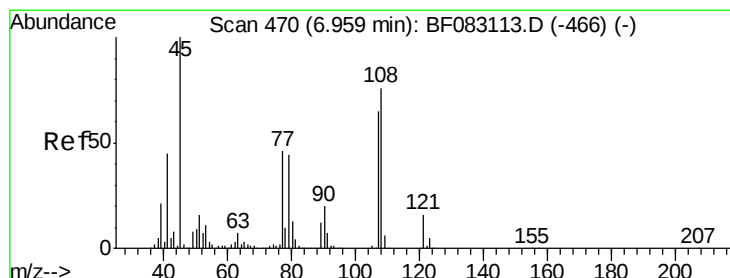
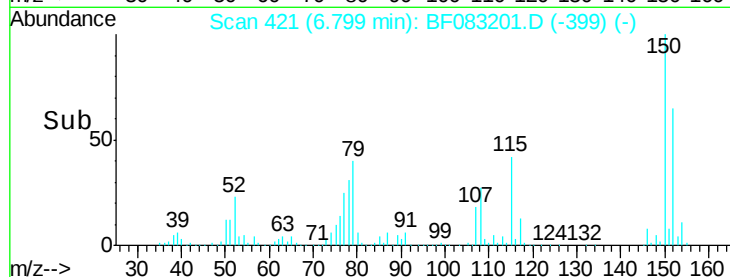
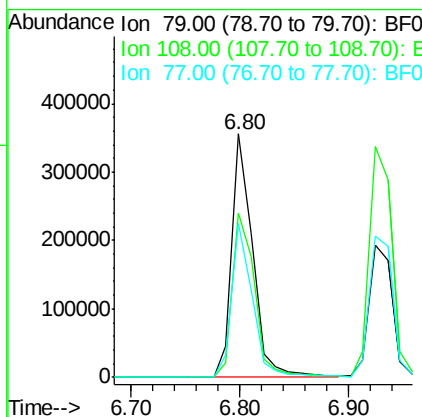
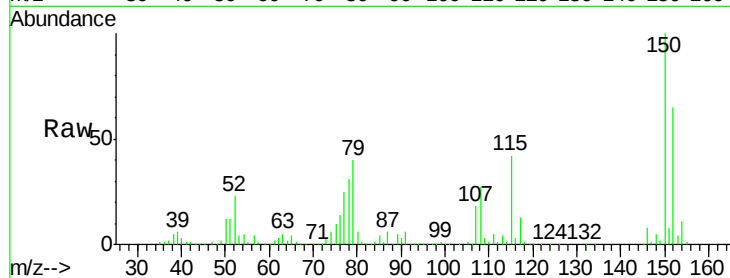
ClientSampleId :

PB86782BS

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM

Tot Ion:	79	Resp:	470882
Ion Ratio	Lower	Upper	
79	100		
108	67.6	61.4	92.2
77	63.0	50.5	75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.23 ng

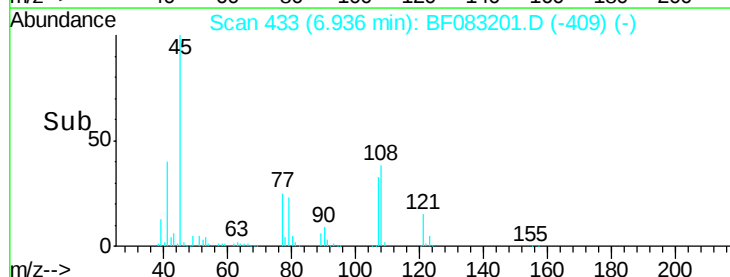
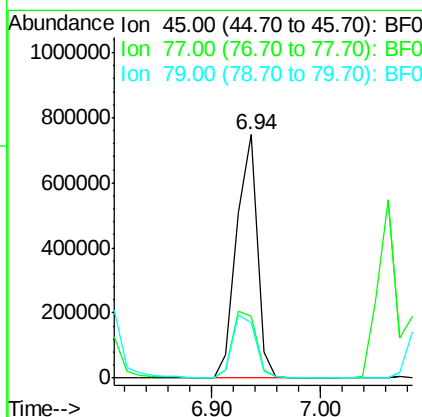
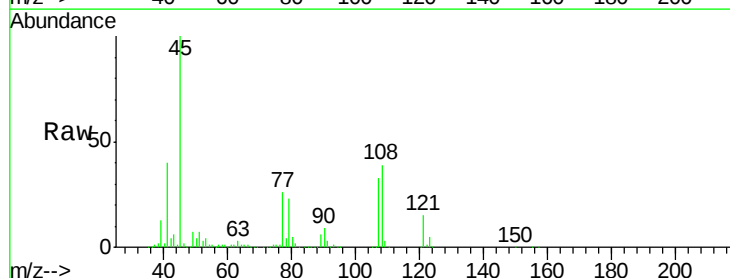
RT: 6.94 min Scan# 433

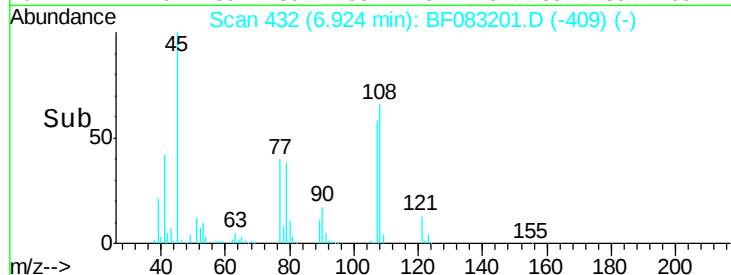
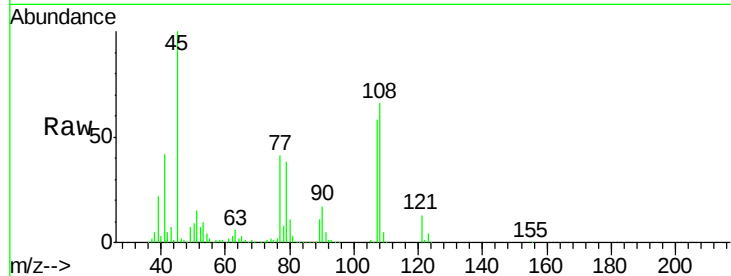
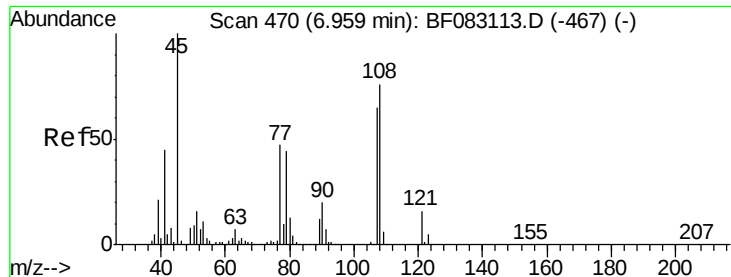
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	45	Resp:	972665
Ion Ratio	Lower	Upper	
45	100		
77	25.6	26.7	66.7#
79	22.8	24.3	64.3#





#17

2-Methylphenol

Concen: 34.42 ng

RT: 6.92 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tot Ion:	107	Resp:	426823
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.8	140.6
77	69.7	57.4	86.0
79	65.1	54.4	81.6

Instrument :

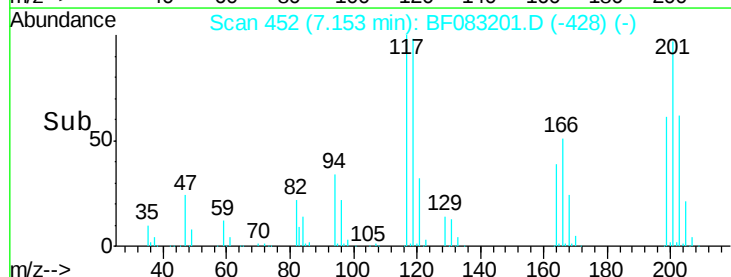
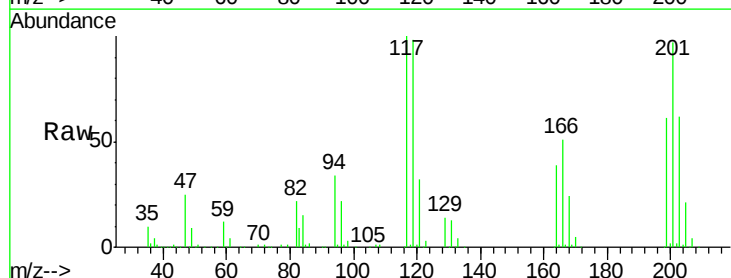
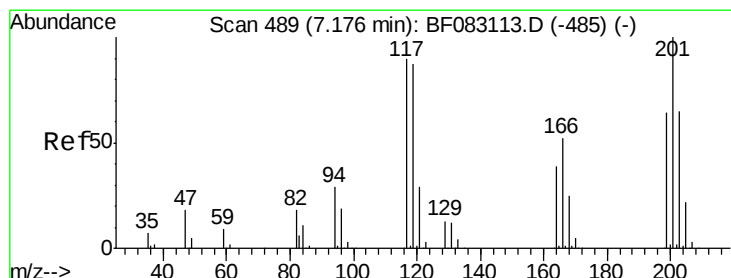
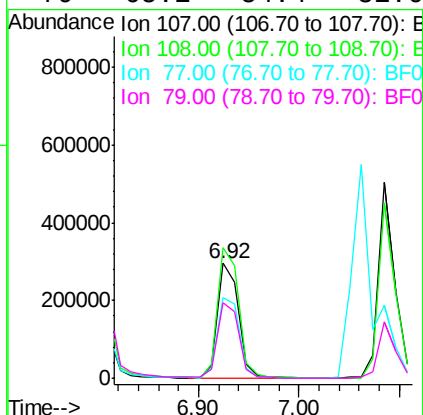
BNA_F

ClientSampleId :

PB86782BS

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#18

Hexachloroethane

Concen: 33.42 ng

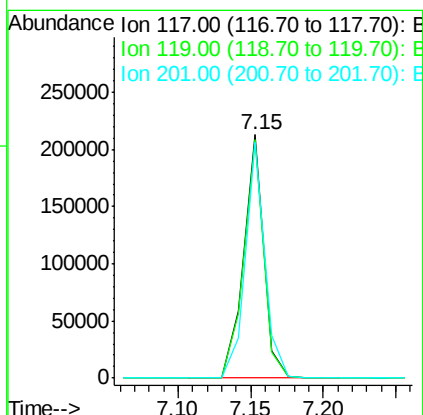
RT: 7.15 min Scan# 452

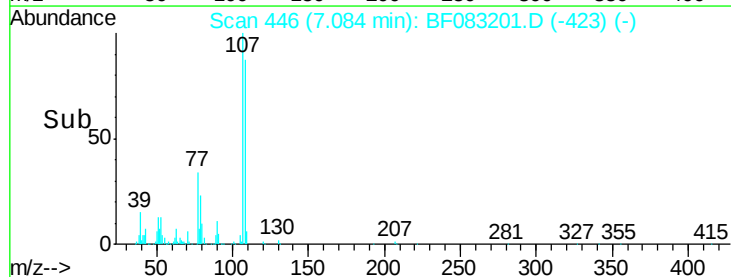
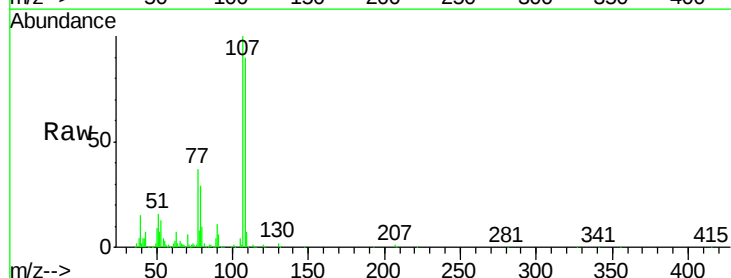
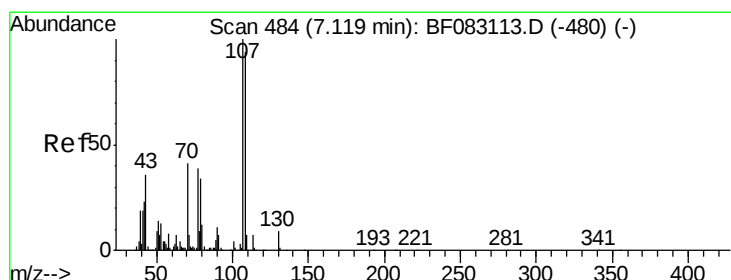
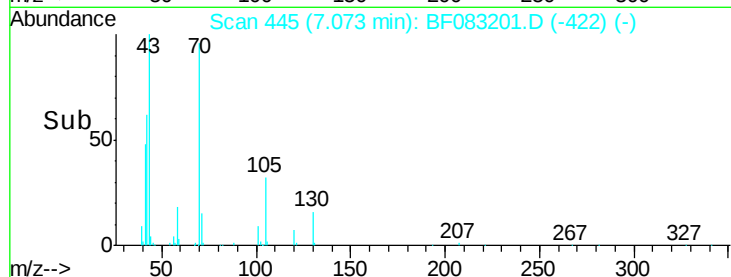
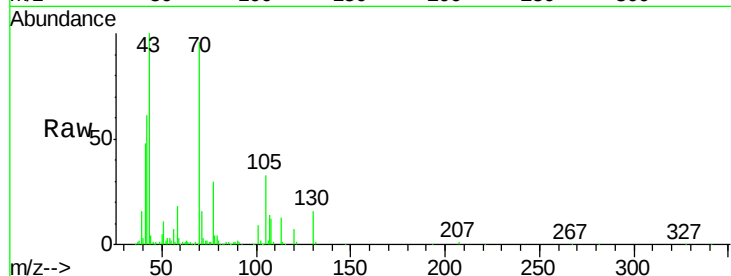
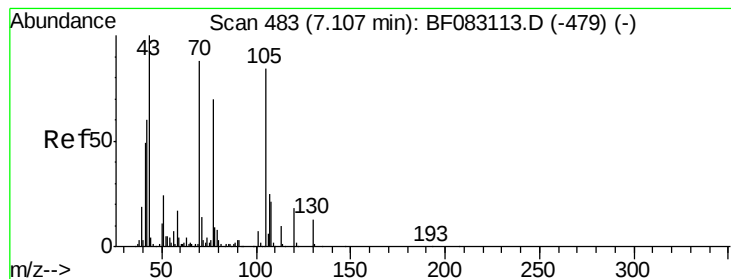
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	117	Resp:	203754
Ion Ratio	Lower	Upper	
117	100		
119	98.0	76.8	115.2
201	96.8	88.6	133.0





#19

n-Nitroso-di-n-propylamine

Concen: 35.62 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion: 70 Resp: 444988

Ion Ratio Lower Upper

70 100

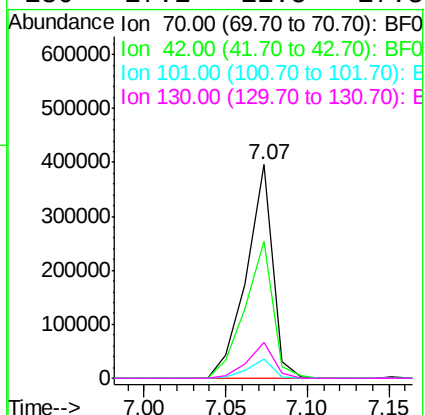
42 64.3 54.5 81.7

101 8.9 6.6 9.8

130 17.1 11.5 17.3

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#20

3+4-Methylphenols

Concen: 37.21 ng

RT: 7.08 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion: 107 Resp: 583309

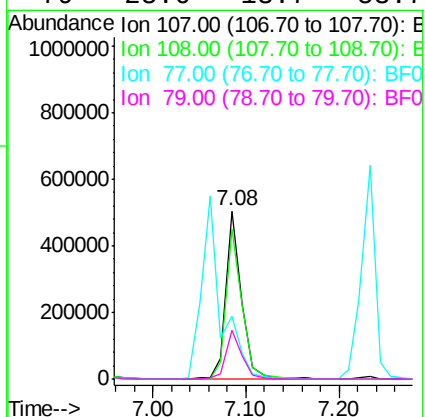
Ion Ratio Lower Upper

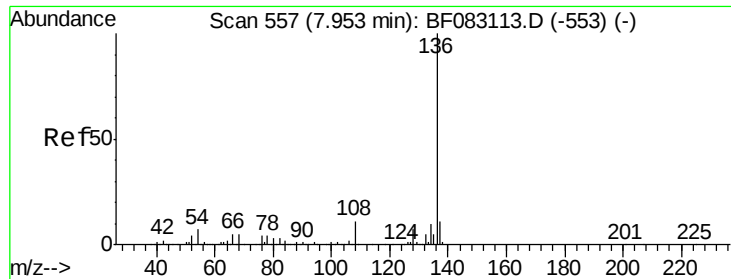
107 100

108 89.5 73.8 113.8

77 37.4 19.1 59.1

79 28.6 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

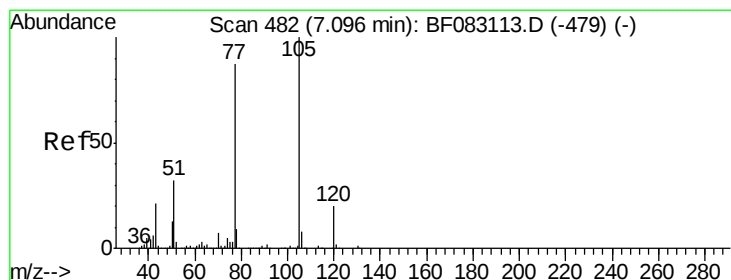
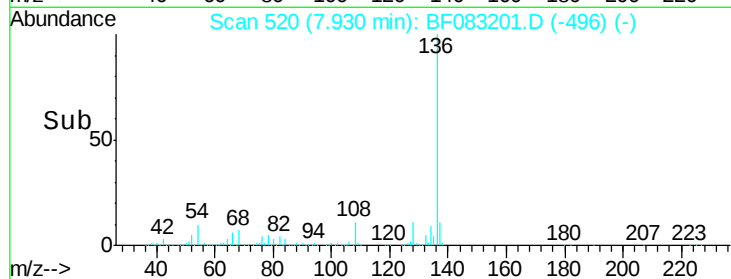
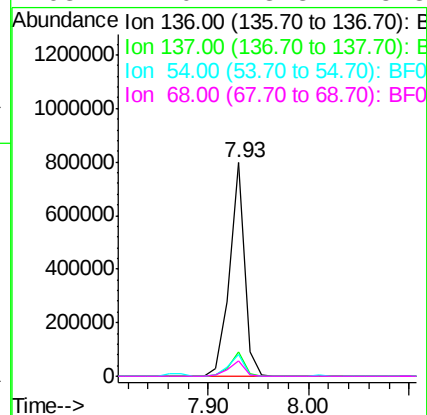
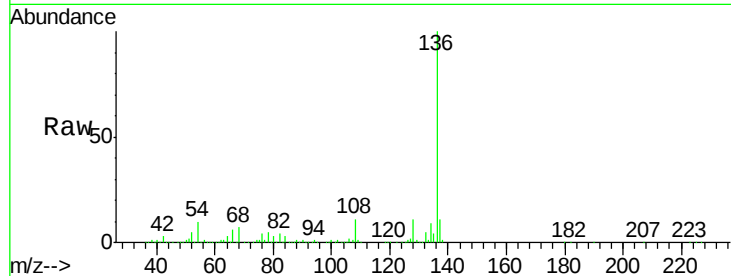
ClientSampleId :

PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		826045		
137	11.1		8.7	13.1	
54	10.1		5.8	8.6#	
68	7.0		3.8	5.8#	

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#22

Acetophenone

Concen: 31.92 ng

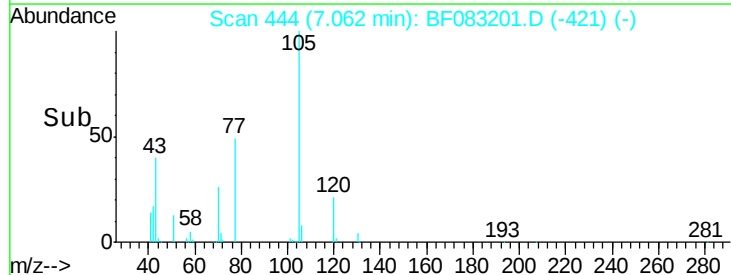
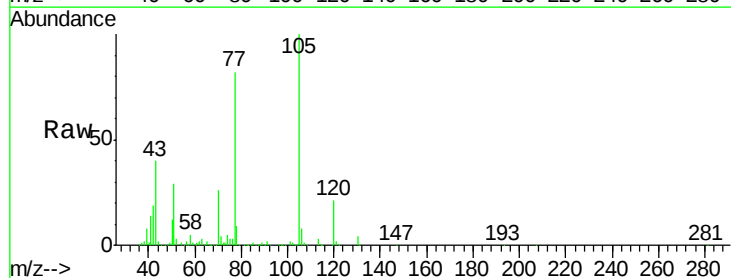
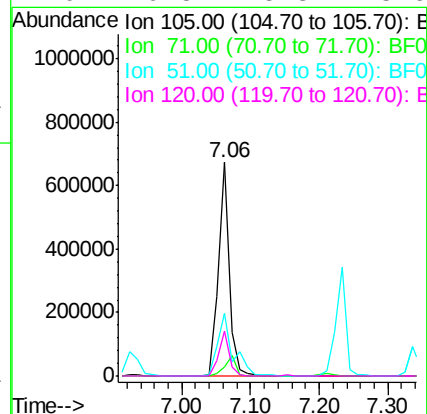
RT: 7.06 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		756872		
71	4.4		1.0	1.4#	
51	29.2		25.6	38.4	
120	20.8		15.8	23.6	





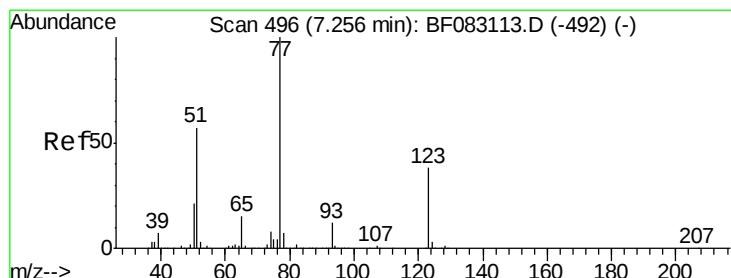
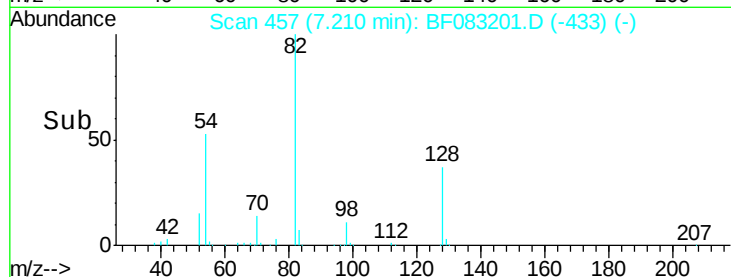
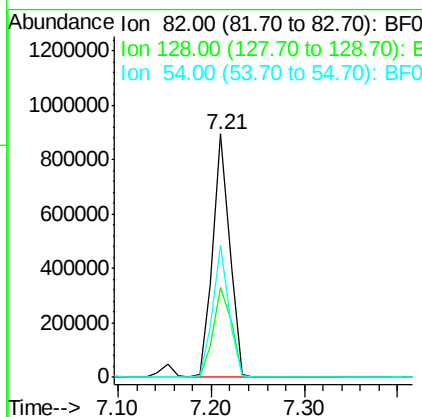
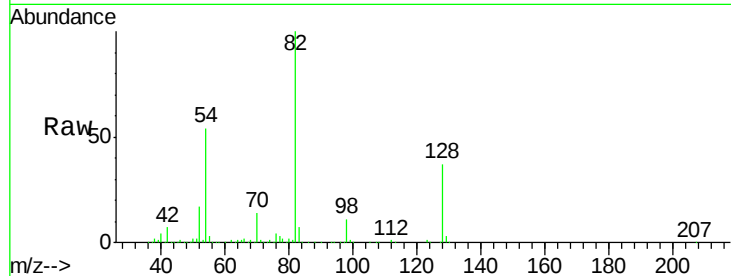
#23
Nitrobenzene-d5
Concen: 62.98 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	82	Resp	1138475
Ion Ratio	100	Lower	Upper
82	100		
128	37.1	28.5	42.7
54	54.4	44.6	67.0

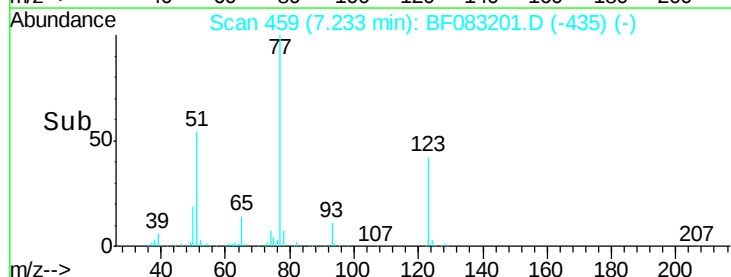
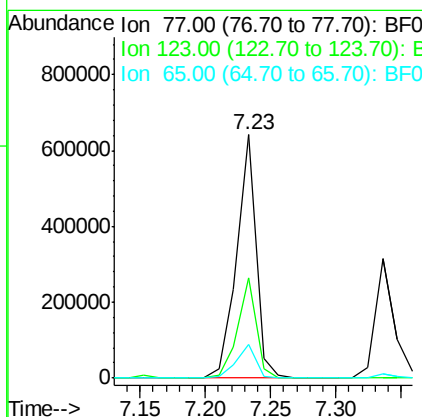
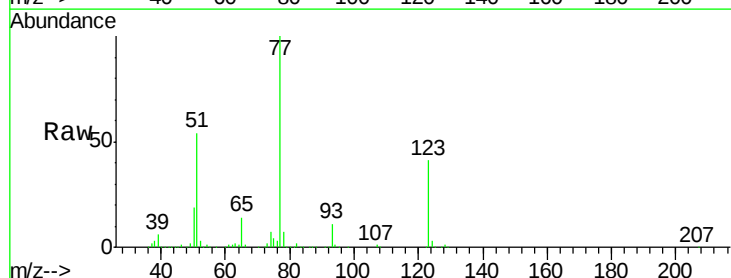
Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#24
Nitrobenzene
Concen: 34.02 ng
RT: 7.23 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	77	Resp	657155
Ion Ratio	100	Lower	Upper
77	100		
123	41.4	30.1	45.1
65	13.7	11.6	17.4





#25

Isophorone

Concen: 32.24 ng

RT: 7.47 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion: 82 Resp: 1103434

Ion Ratio Lower Upper

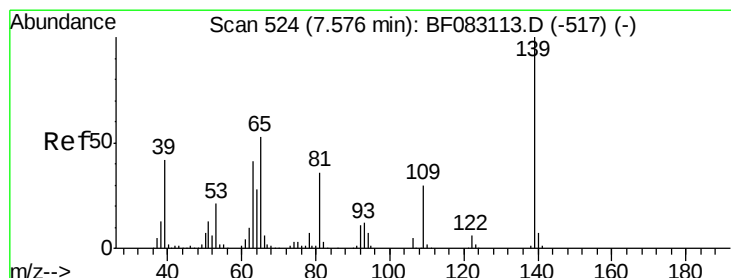
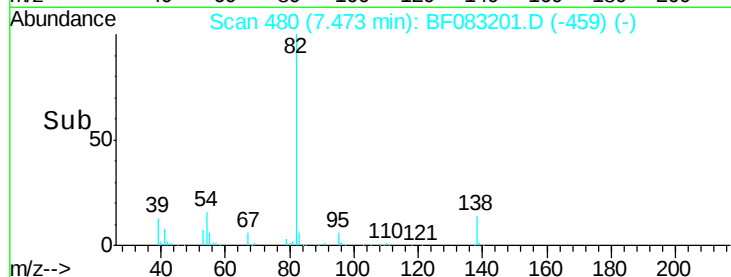
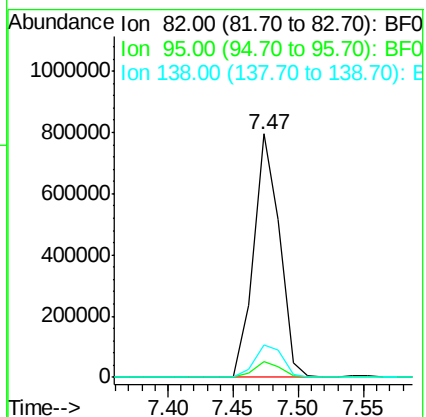
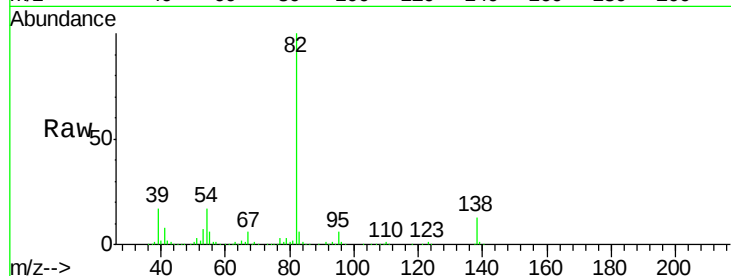
82 100

95 6.3 5.8 8.8

138 13.4 11.6 17.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#26

2-Nitrophenol

Concen: 32.21 ng

RT: 7.55 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

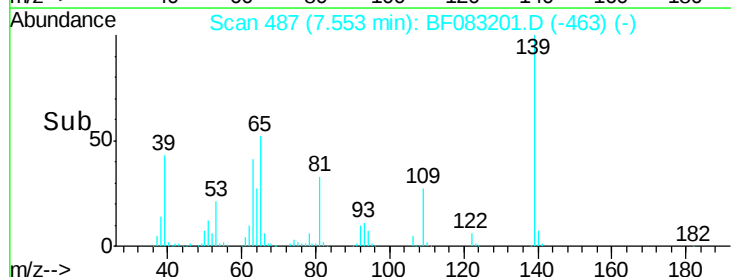
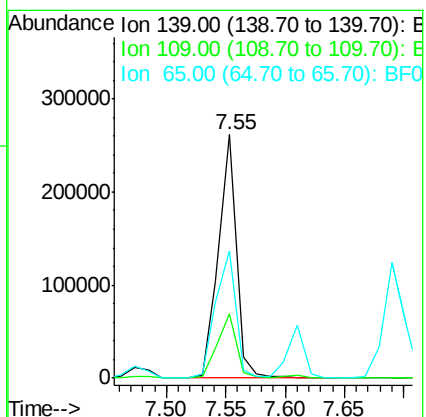
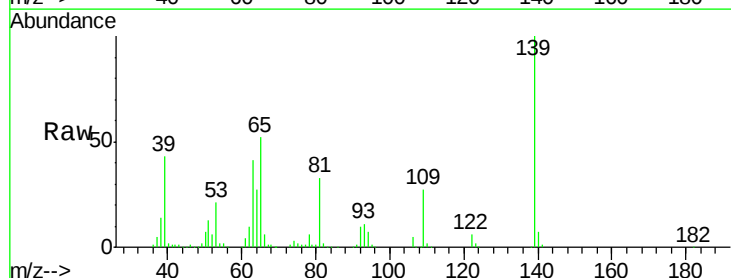
Tgt Ion: 139 Resp: 274679

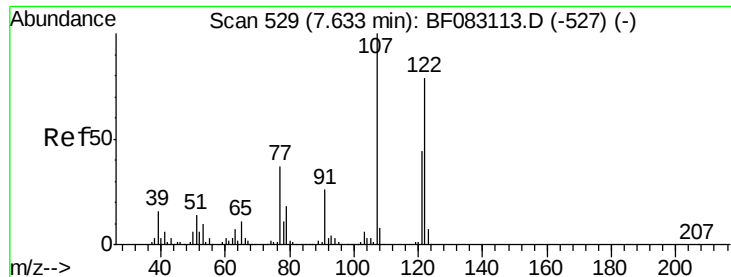
Ion Ratio Lower Upper

139 100

109 26.5 23.9 35.9

65 52.4 42.7 64.1





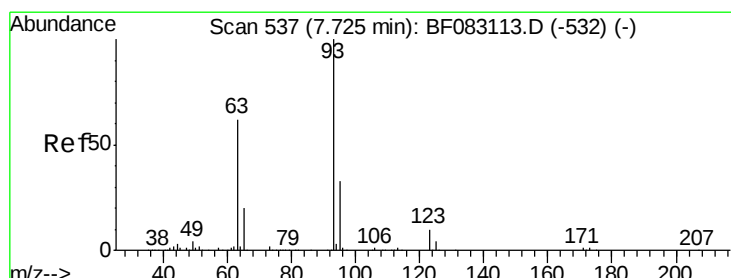
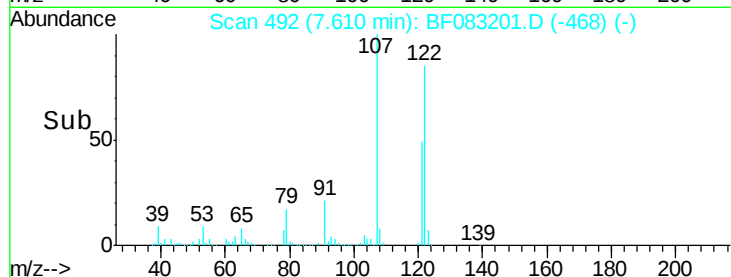
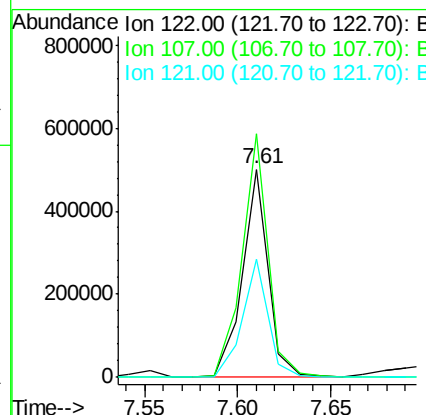
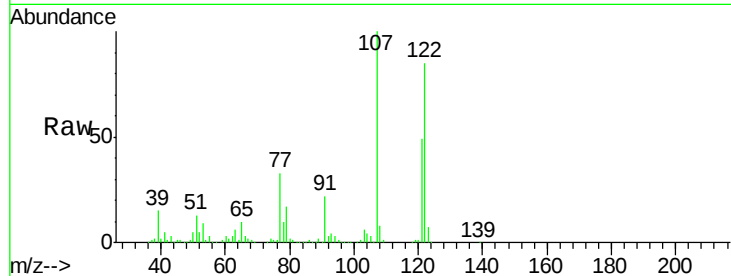
#27
 2,4-Dimethylphenol
 Concen: 35.66 ng
 RT: 7.61 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	485265		
107	117.2	101.1	151.7	
121	57.1	44.9	67.3	

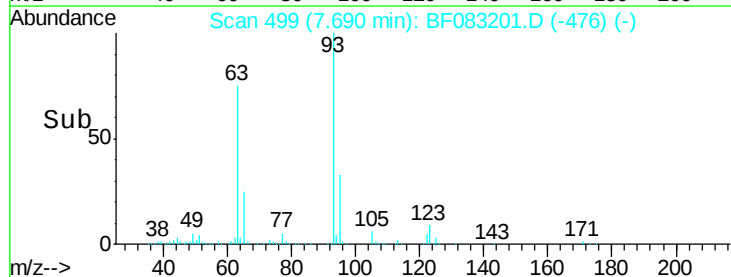
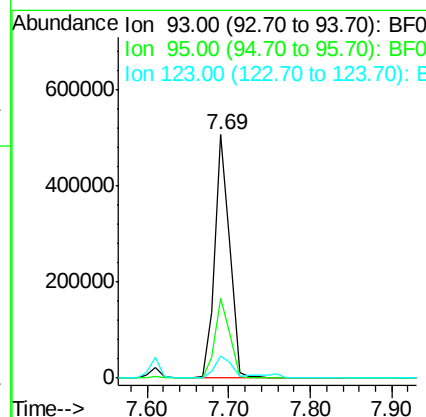
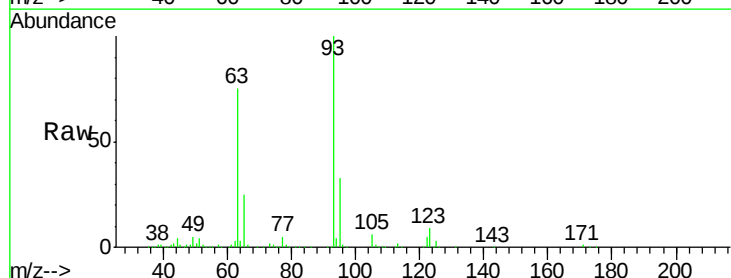
Manual Integrations
 APPROVED

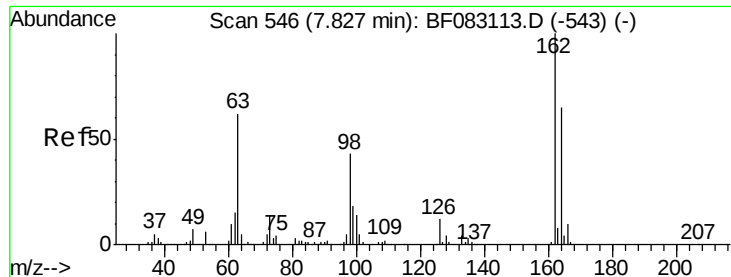
Mmdadoda
 11/24/2015 1:19:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.78 ng
 RT: 7.69 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	652338		
95	32.5	26.5	39.7	
123	9.3	8.1	12.1	





#29

2,4-Dichlorophenol

Concen: 35.33 ng

RT: 7.80 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

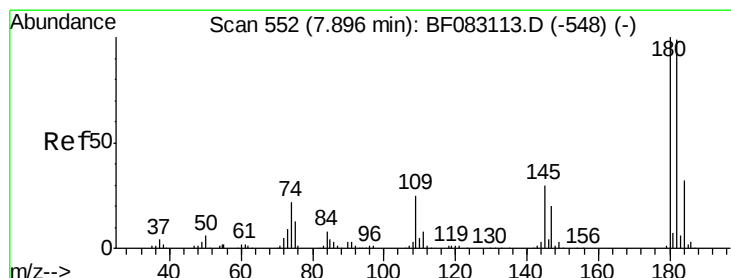
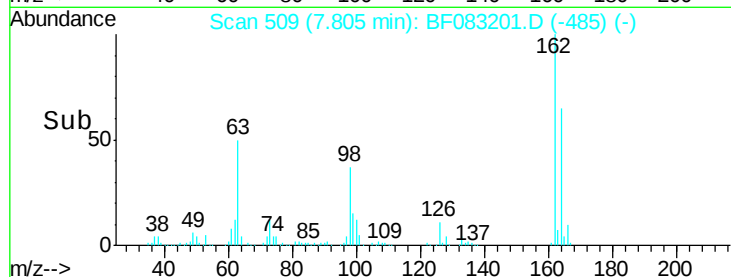
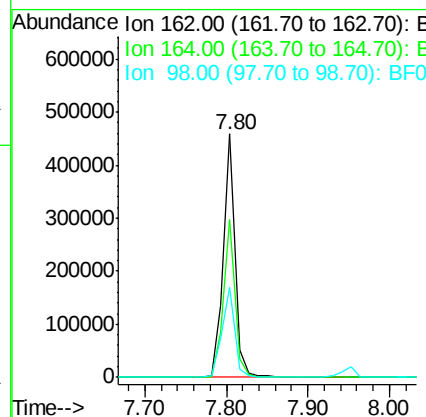
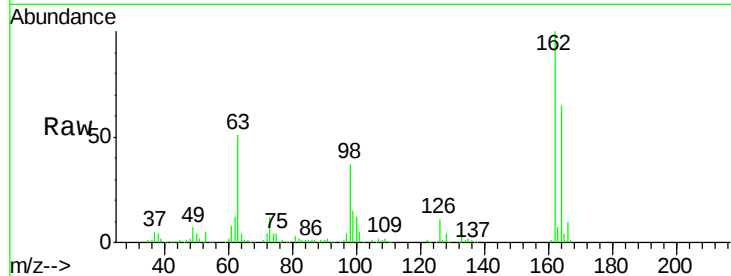
ClientSampleId :

PB86782BS

Tot Ion:	162	Resp:	457303
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.8	84.8
98	36.8	23.1	63.1

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#30

1,2,4-Trichlorobenzene

Concen: 32.39 ng

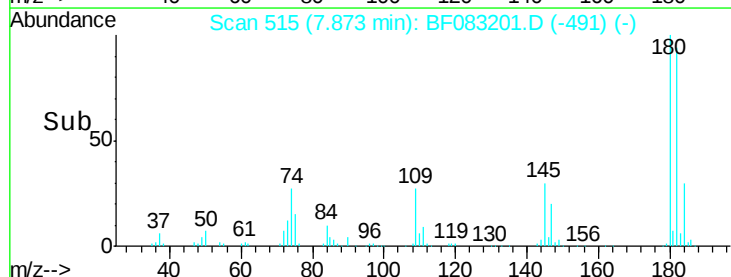
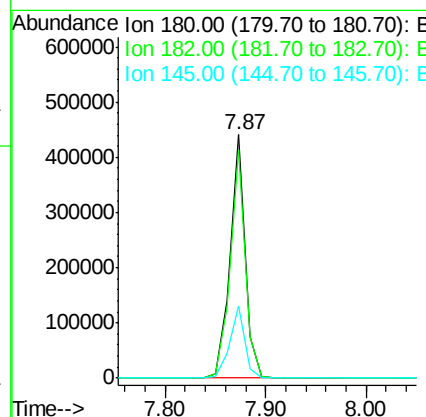
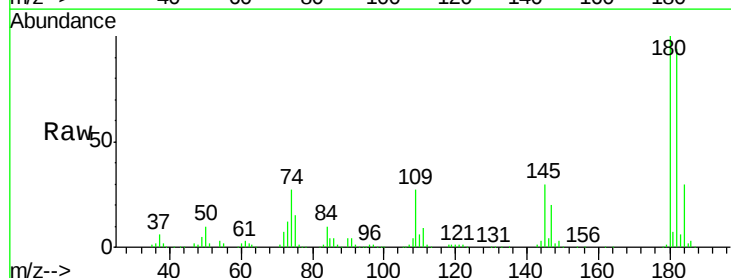
RT: 7.87 min Scan# 515

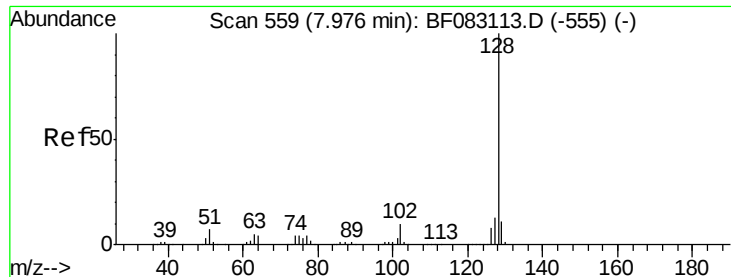
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	180	Resp:	460544
Ion Ratio	Lower	Upper	
180	100		
182	93.8	79.0	118.6
145	29.9	24.2	36.2





#31

Naphthalene

Concen: 33.09 ng

RT: 7.95 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion:128 Resp: 1475030

Ion Ratio Lower Upper

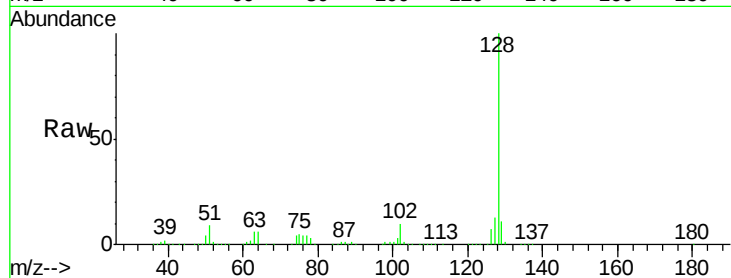
128 100

129 11.2 9.0 13.4

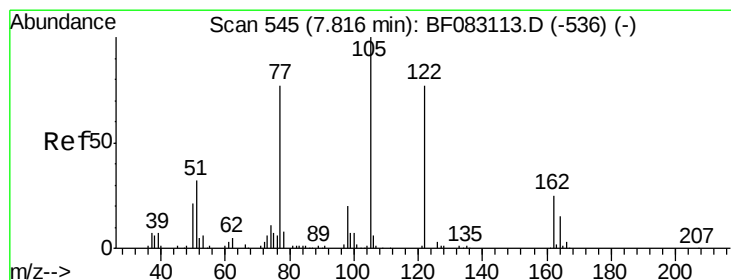
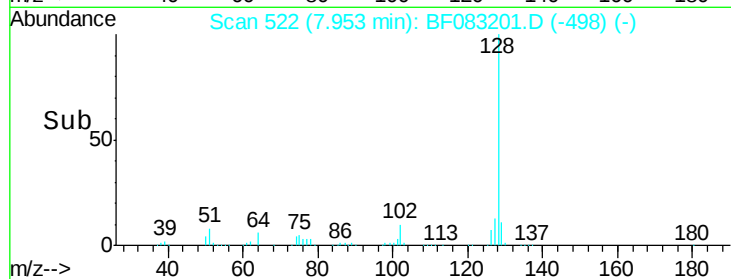
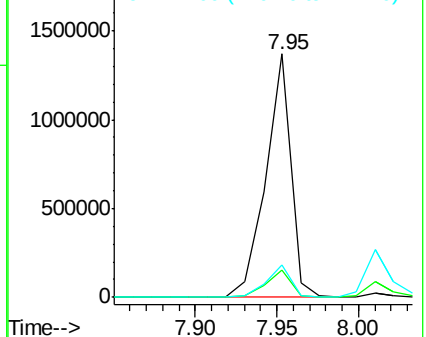
127 13.5 10.6 15.8

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



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



#32

Benzoic acid

Concen: 29.16 ng

RT: 7.76 min Scan# 505

Delta R.T. -0.06 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

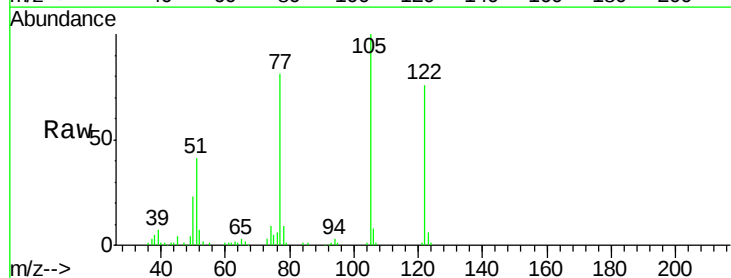
Tgt Ion:122 Resp: 308489

Ion Ratio Lower Upper

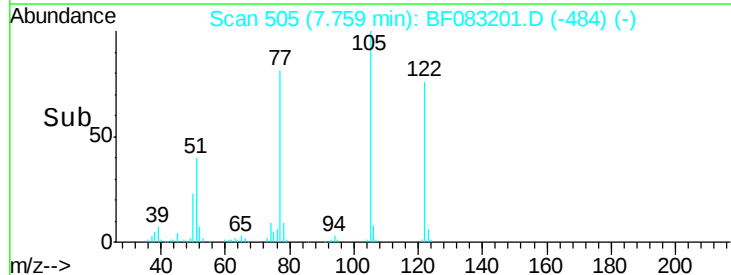
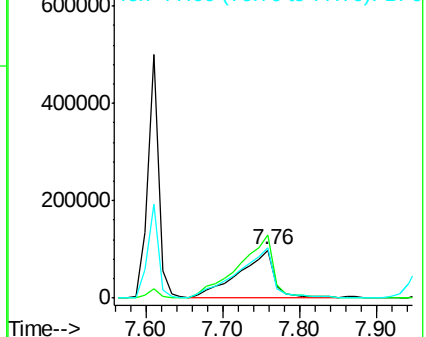
122 100

105 130.7 109.7 149.7

77 106.2 79.7 119.7



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





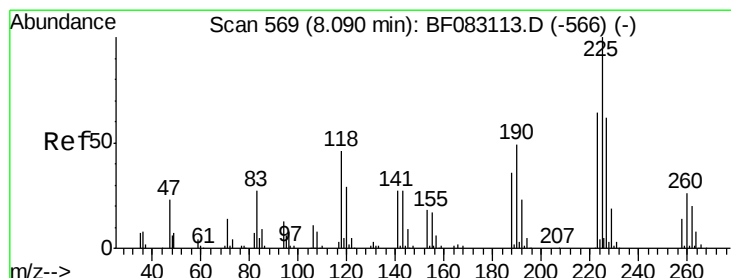
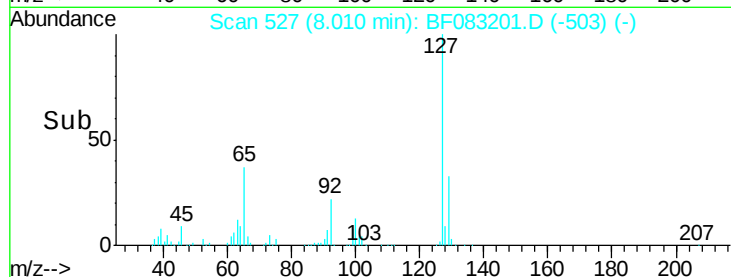
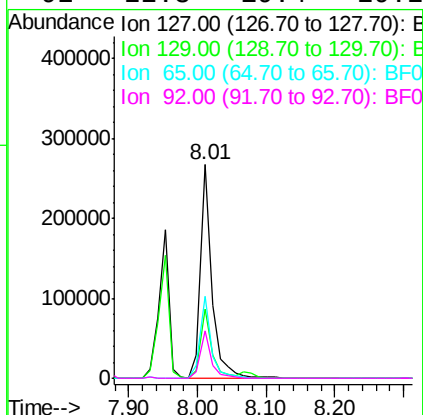
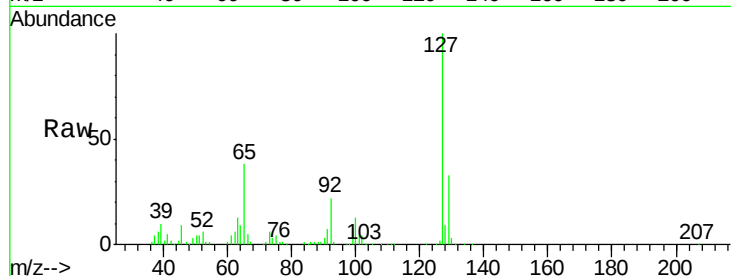
#33
4-Chloroaniline
Concen: 17.63 ng
RT: 8.01 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.7	38.5		
65	38.3	35.5	53.3		
92	22.3	19.4	29.2		

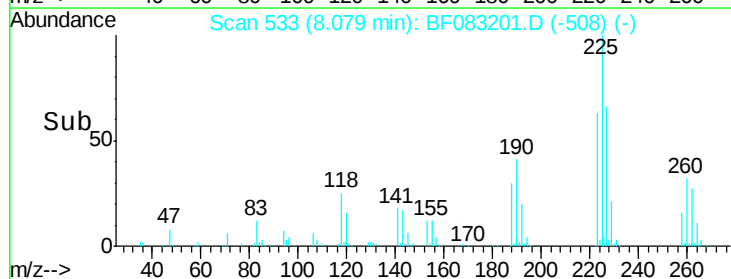
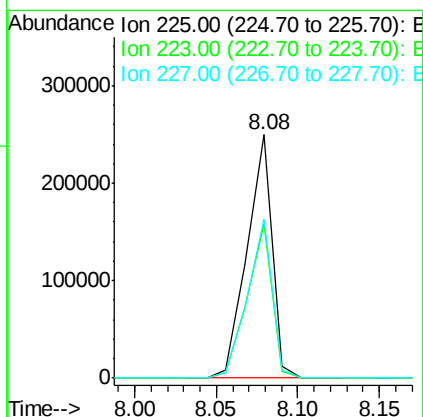
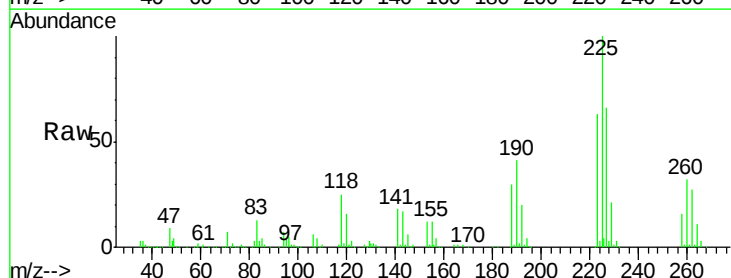
Manual Integrations
APPROVED

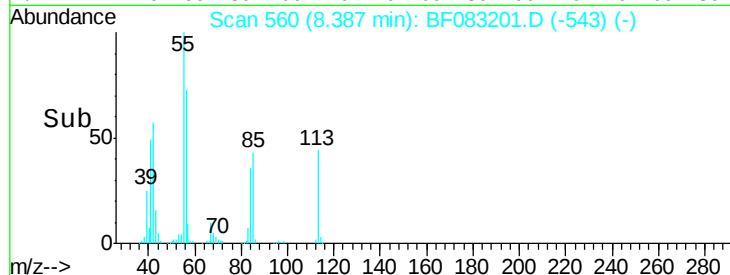
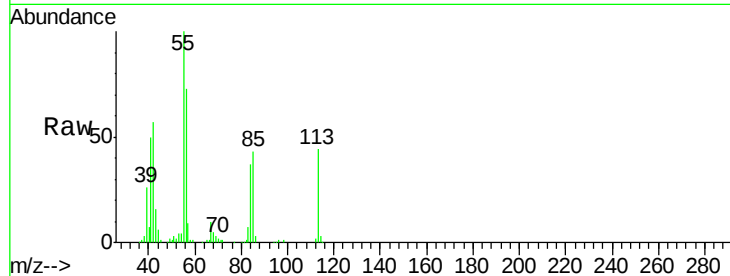
Mmdadoda
11/24/2015 1:19:57 PM



#34
Hexachlorobutadiene
Concen: 31.73 ng
RT: 8.08 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.3	76.9		
227	65.5	49.8	74.8		





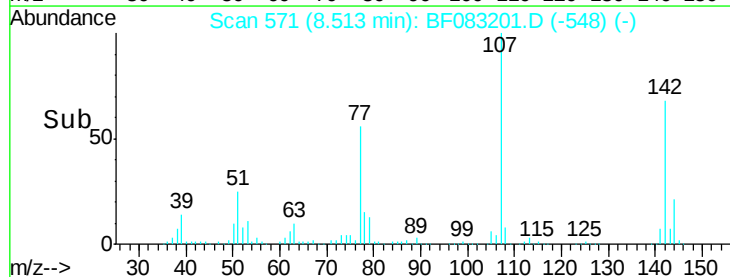
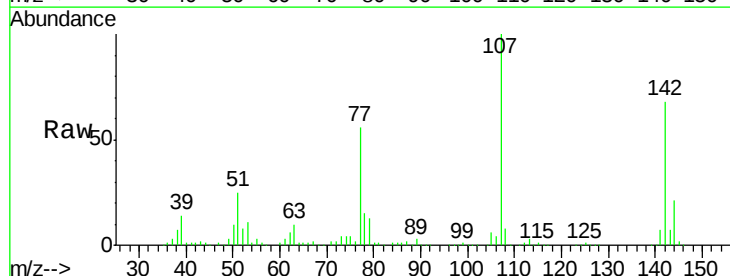
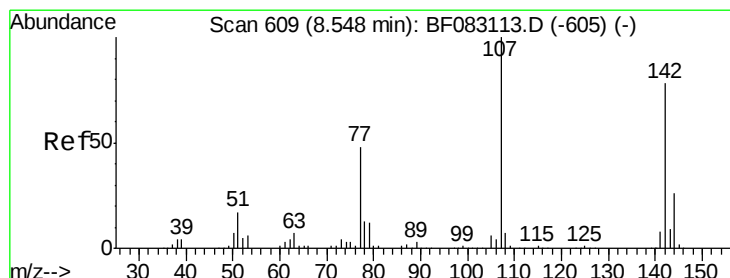
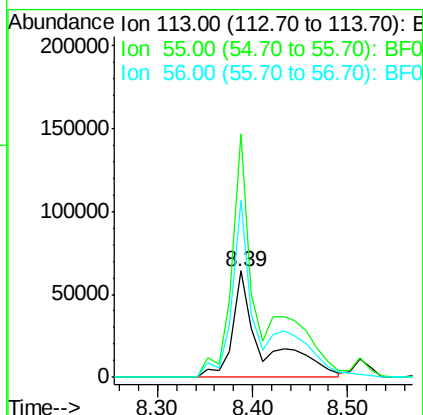
#35
Caprolactam
Concen: 34.19 ng/ml
RT: 8.39 min Scan# 560
Delta R.T. -0.10 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	229.1	192.6	232.6	
56	166.7	148.6	188.6	

Instrument :
BNA_F
ClientSampleId :
PB86782BS

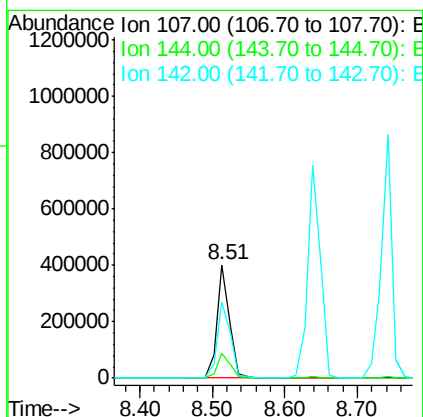
Manual Integrations
APPROVED

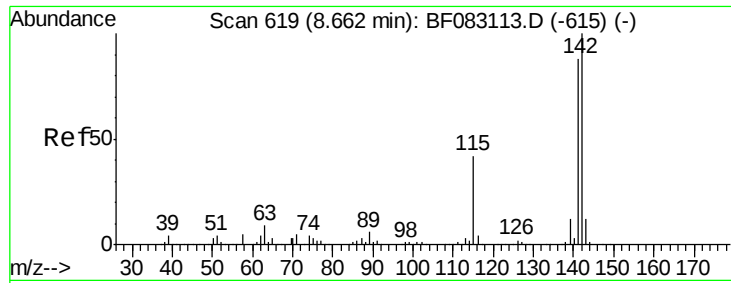
Mmdadoda
11/24/2015 1:19:57 PM



#36
4-Chloro-3-methylphenol
Concen: 31.79 ng/ml
RT: 8.51 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.4	20.8	31.2	
142	67.6	62.1	93.1	





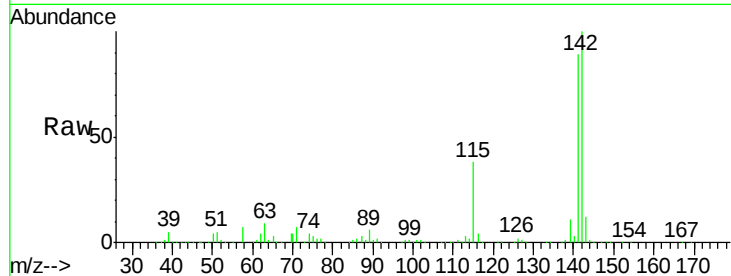
#37
2-Methylnaphthalene
Concen: 31.57 ng
RT: 8.64 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

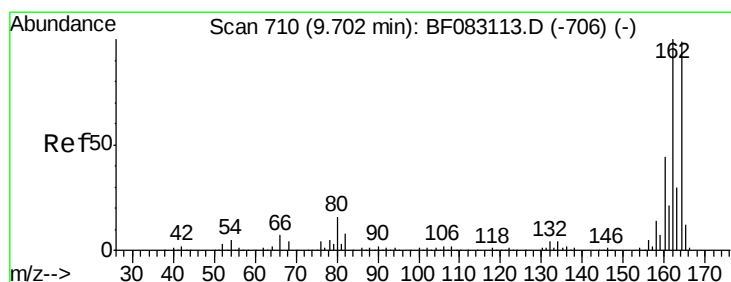
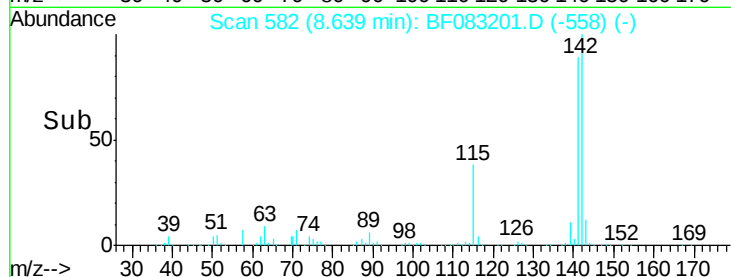
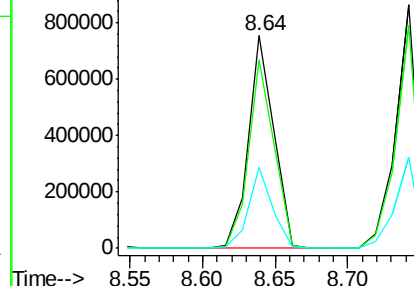
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	38.2	33.4	50.2

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM

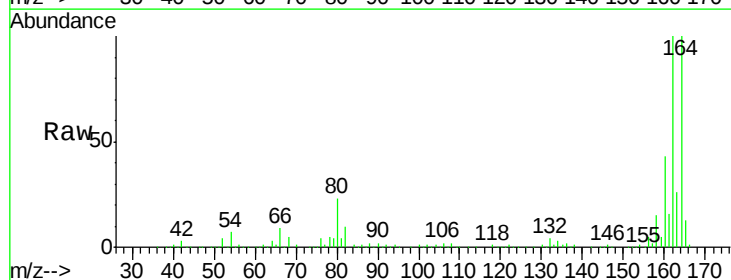


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

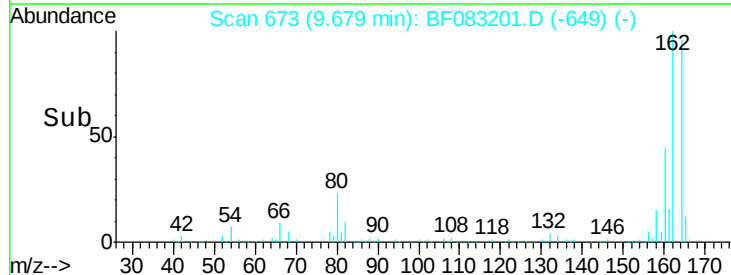
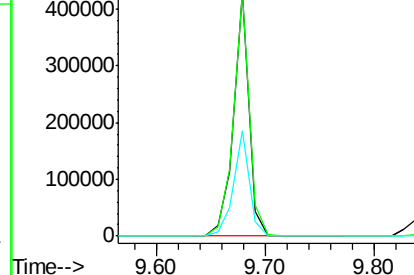


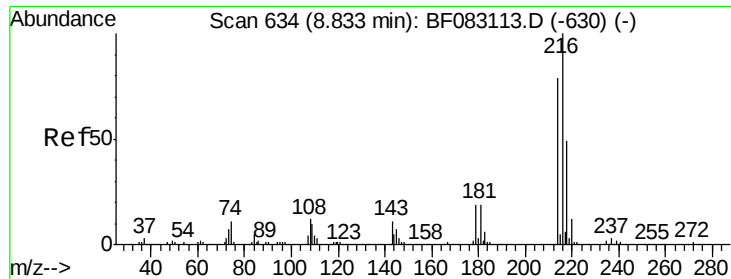
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.2	121.8
160	43.5	35.6	53.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





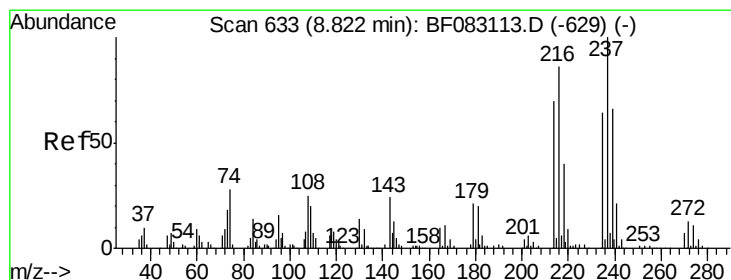
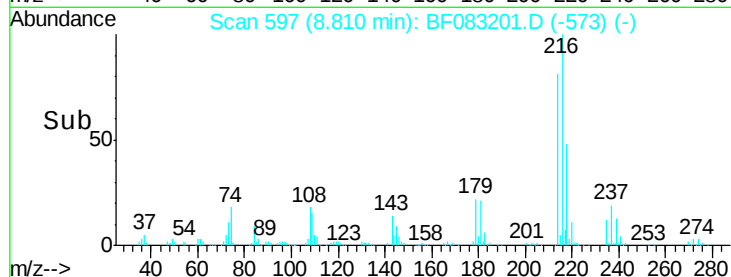
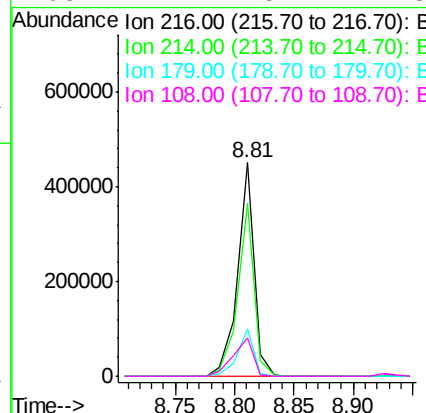
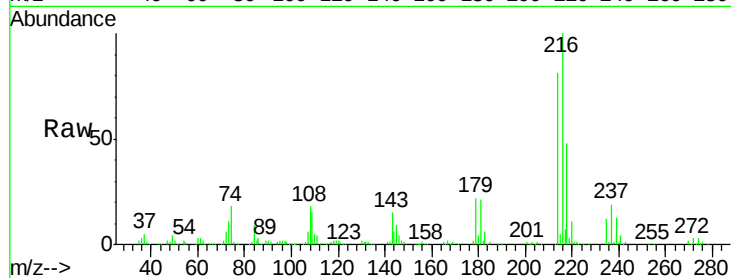
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.29 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Manual Integrations
 APPROVED

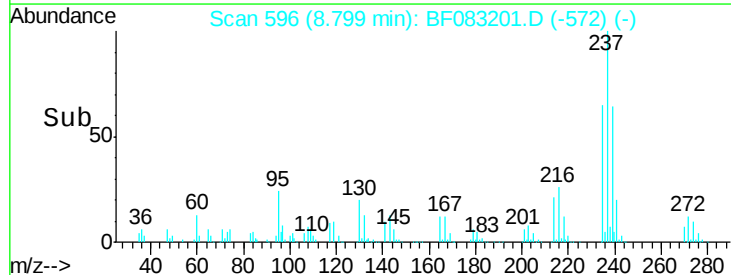
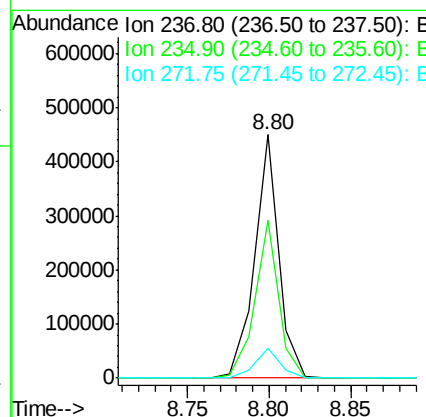
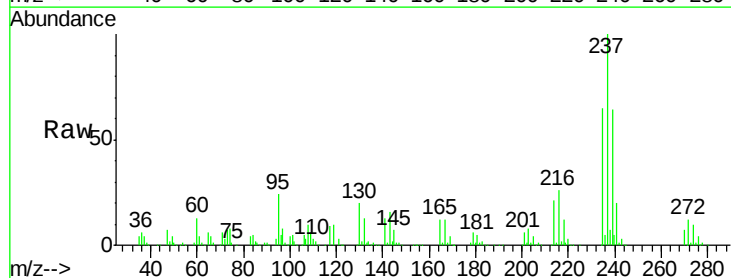
Mmdadoda
 11/24/2015 1:19:57 PM

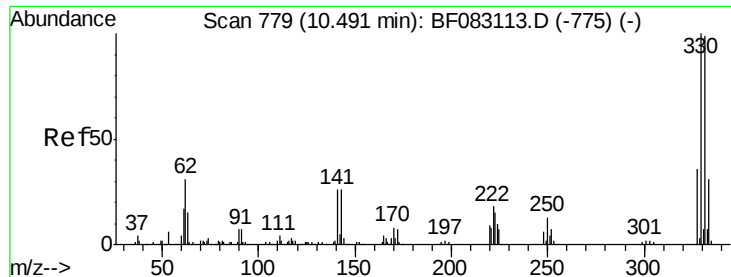
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.2		63.8	95.8	
179	22.0		17.0	25.6	
108	22.4		15.2	22.8	



#40
 Hexachlorocyclopentadiene
 Concen: 60.22 ng
 RT: 8.80 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.7		43.5	83.5	
272	12.0		0.0	33.1	





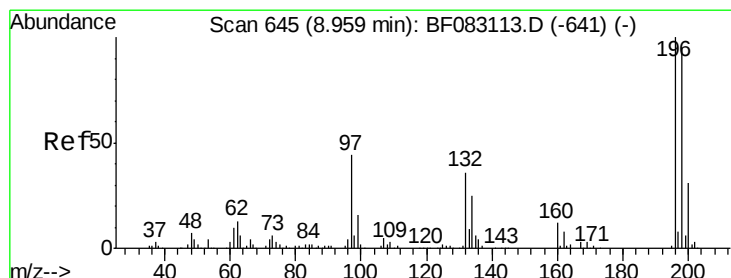
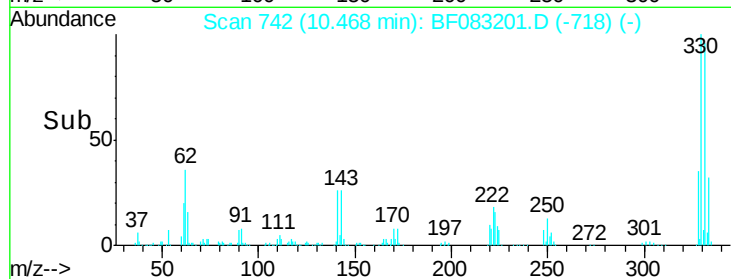
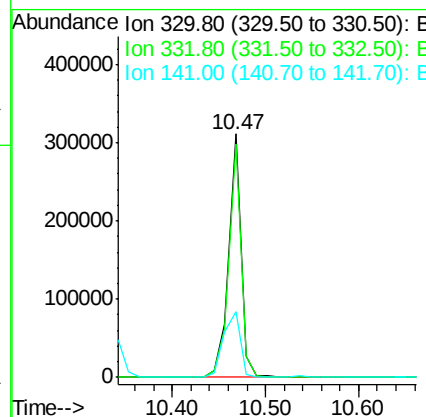
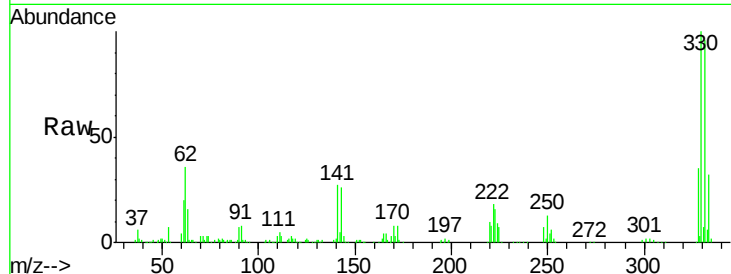
#41
 2,4,6-Tribromophenol
 Concen: 67.90 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	289075		
332	95.2		77.7	116.5
141	35.8		29.7	44.5

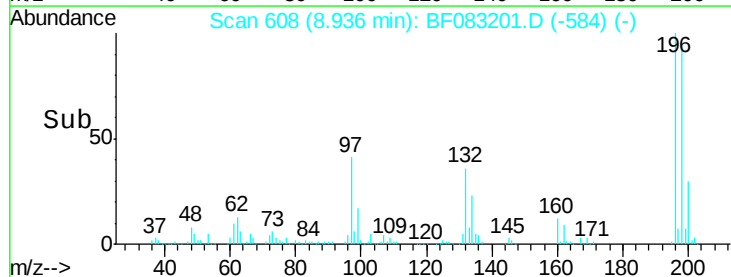
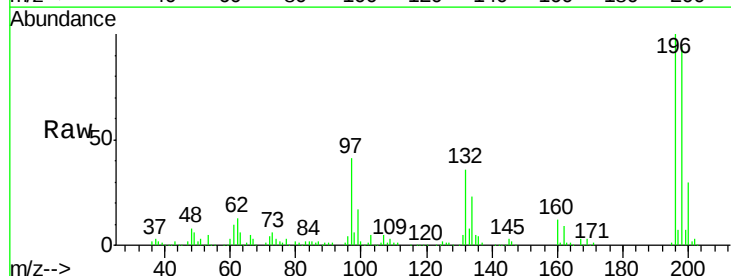
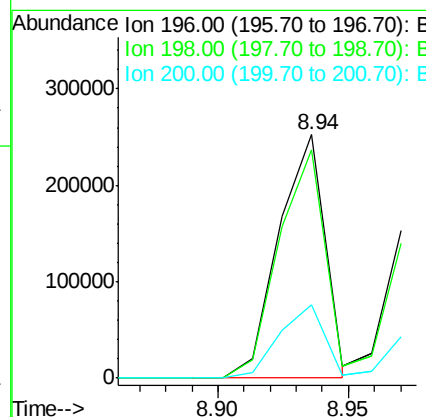
Manual Integrations
 APPROVED

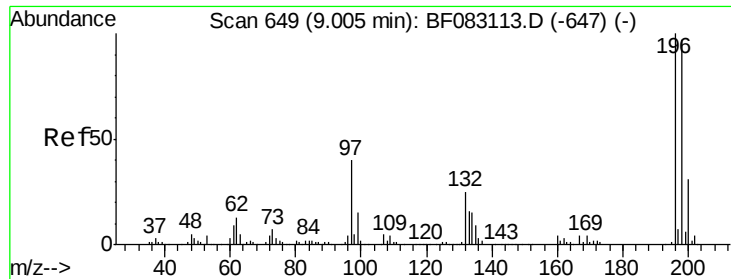
Mmdadoda
 11/24/2015 1:19:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 32.14 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310480		
198	93.8		75.9	113.9
200	30.0		24.5	36.7





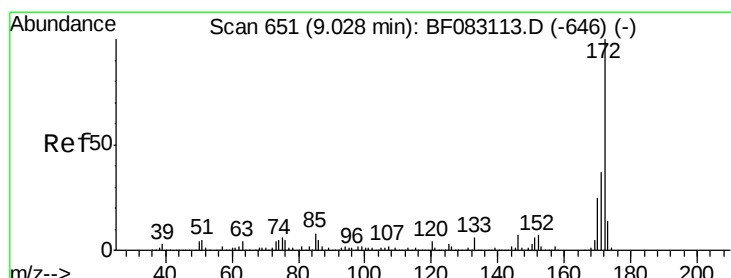
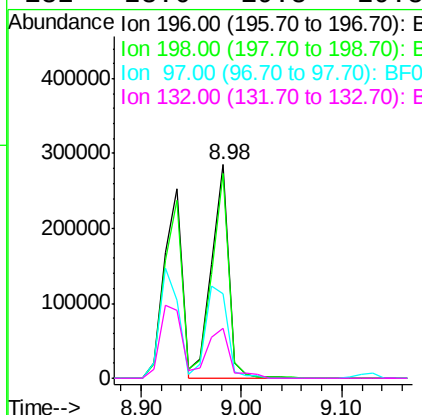
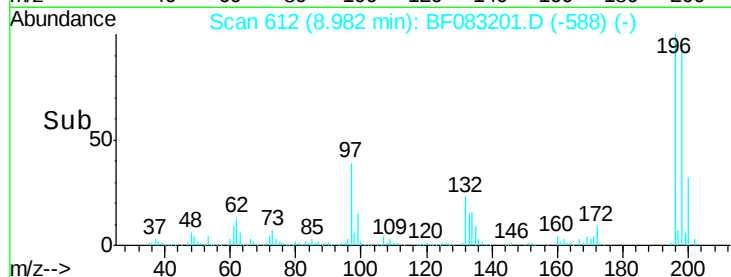
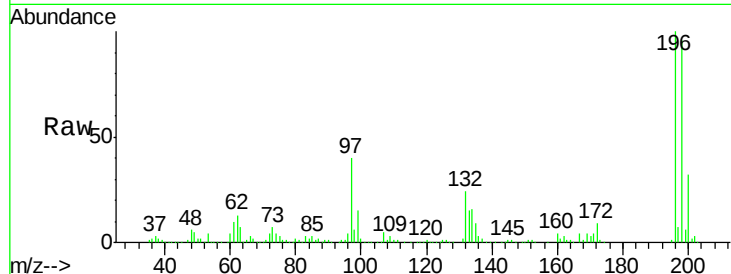
#43
 2,4,5-Trichlorophenol
 Concen: 34.47 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
340438	196	100			
	198	96.0		77.6	116.4
	97	39.6		32.6	48.8
	132	23.6		19.8	29.8

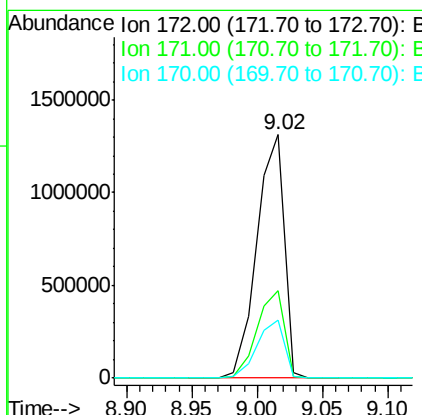
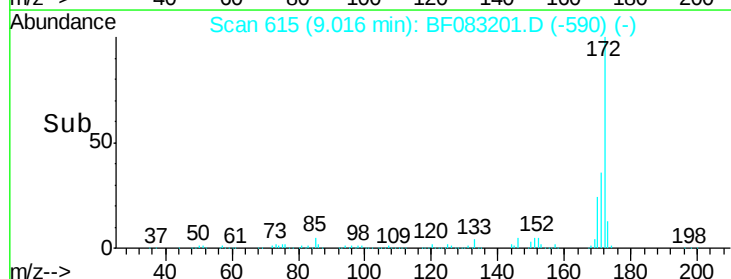
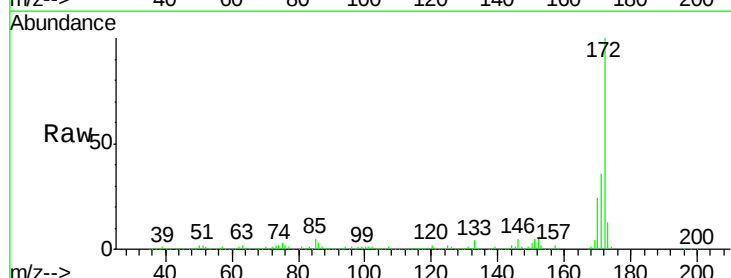
Manual Integrations
 APPROVED

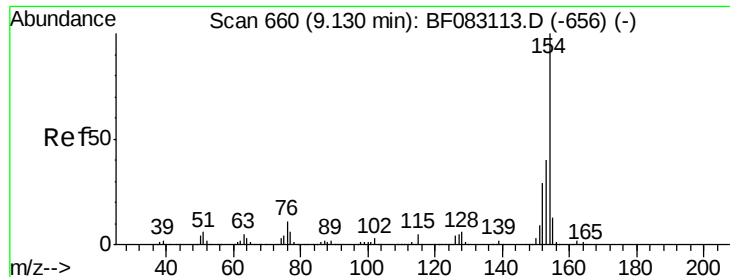
Mmdadoda
 11/24/2015 1:19:57 PM



#44
 2-Fluorobiphenyl
 Concen: 64.47 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
1924076	172	100			
	171	35.8		29.5	44.3
	170	23.9		19.9	29.9





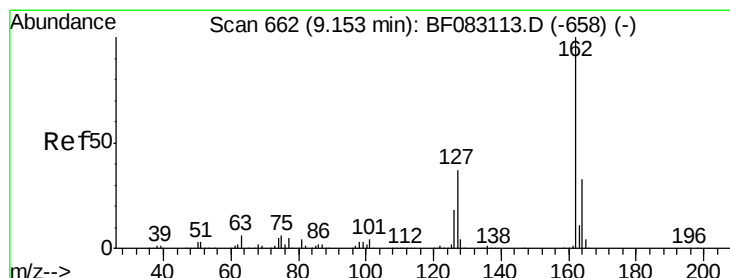
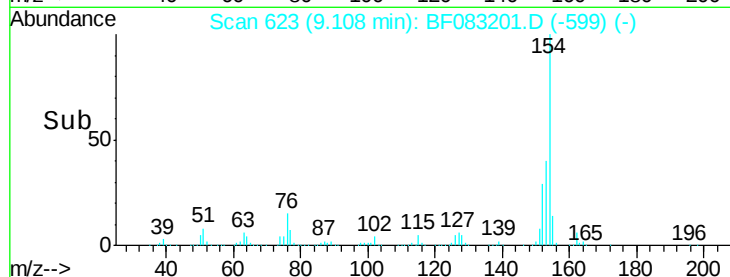
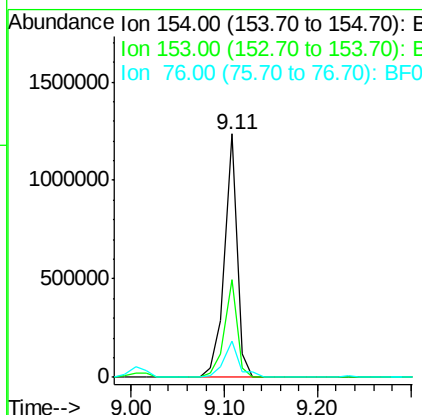
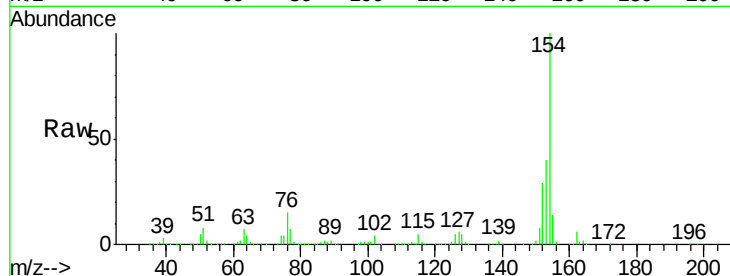
#45
 1,1'-Biphenyl
 Concen: 32.85 ng
 RT: 9.11 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.3	20.5	60.5		
76	15.1	0.0	31.2		

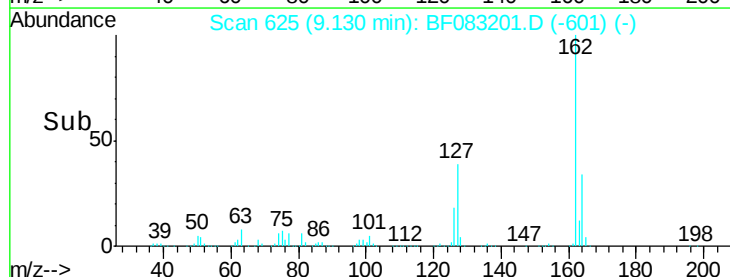
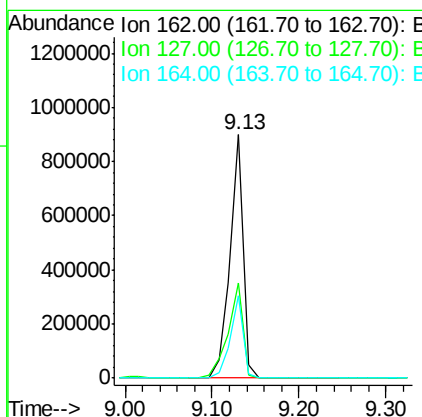
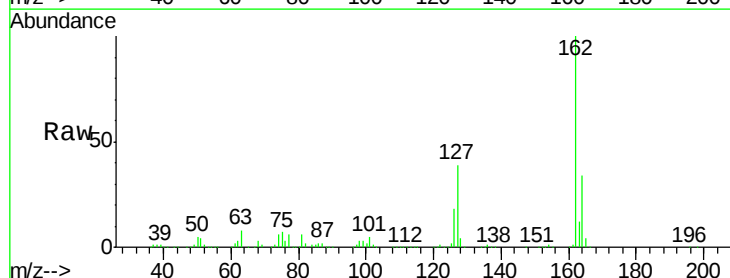
Manual Integrations
 APPROVED

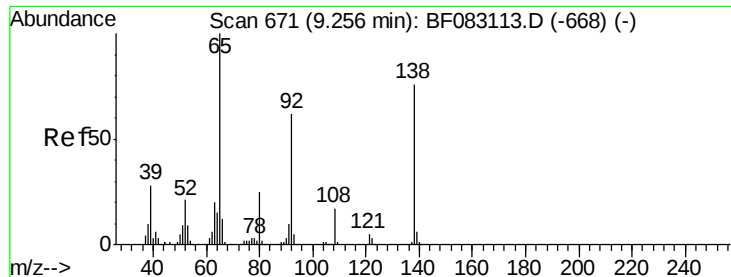
Mmdadoda
 11/24/2015 1:19:57 PM



#46
 2-Chloronaphthalene
 Concen: 33.95 ng
 RT: 9.13 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.2	29.4	44.2		
164	34.1	26.2	39.4		





#47

2-Nitroaniline

Concen: 35.30 ng

RT: 9.23 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

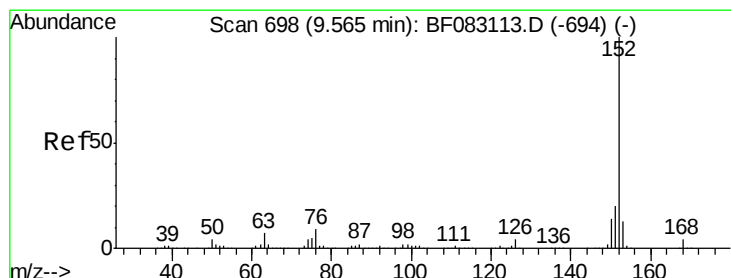
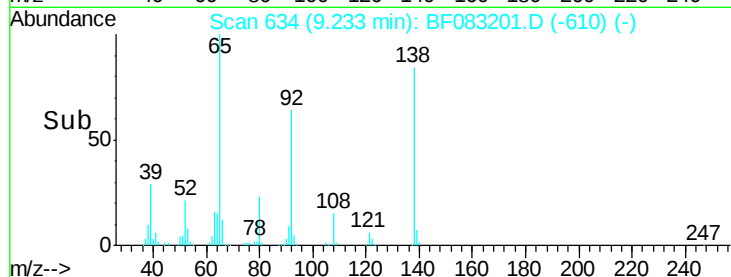
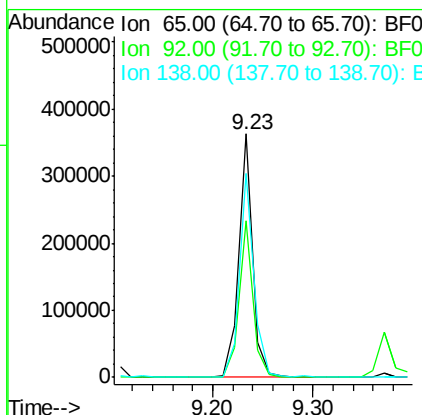
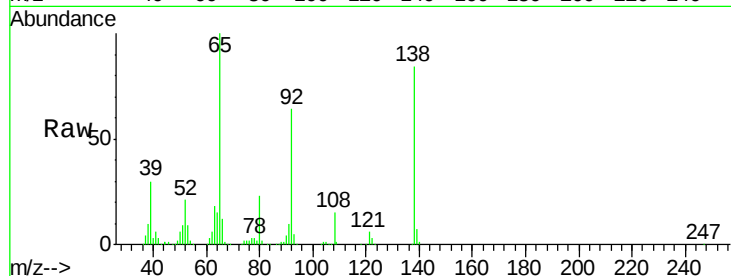
ClientSampleId :

PB86782BS

Tot Ion:	65	Resp:	347432
Ion Ratio	Lower	Upper	
65	100		
92	64.2	49.5	74.3
138	83.7	60.7	91.1

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#48

Acenaphthylene

Concen: 34.46 ng

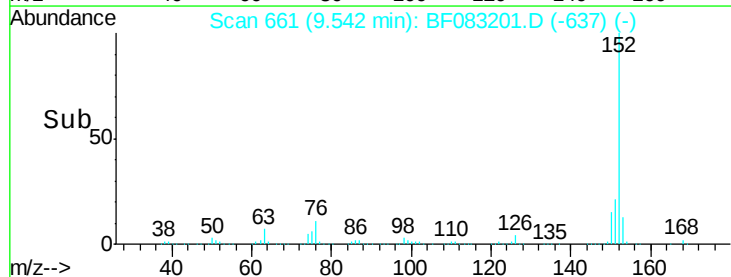
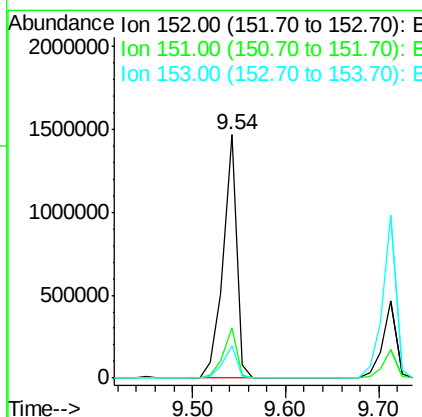
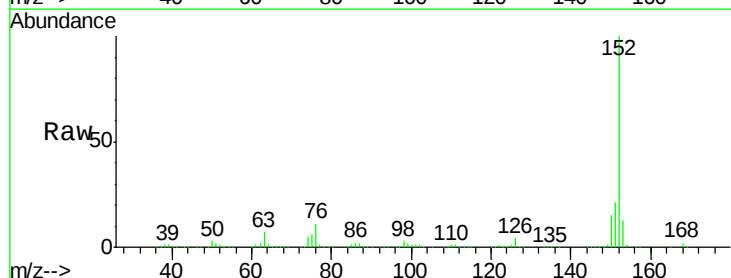
RT: 9.54 min Scan# 661

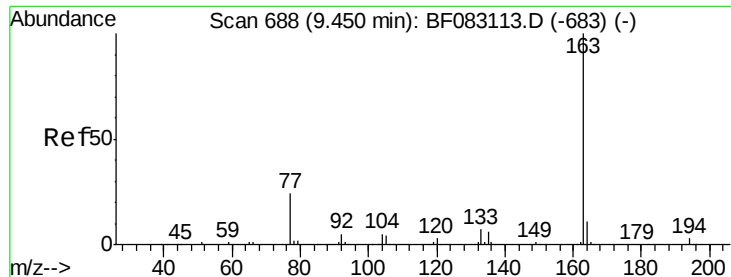
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	152	Resp:	1485759
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.5	10.8	16.2





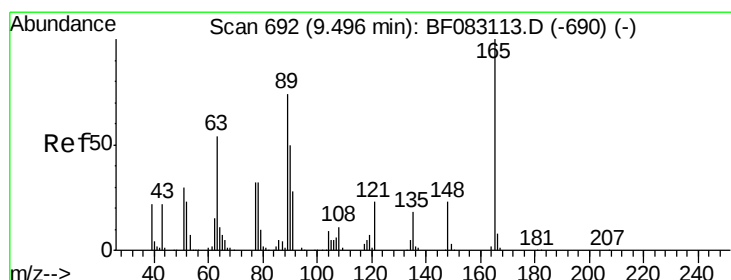
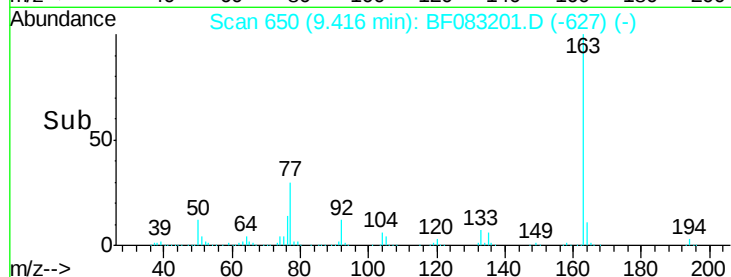
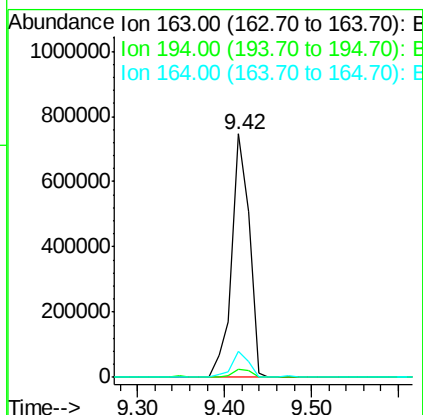
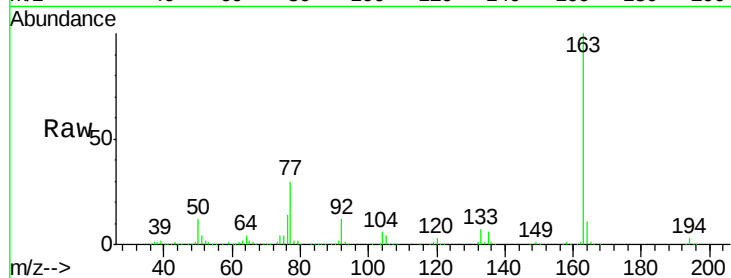
#49
Dimethylphthalate
Concen: 32.38 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion:163 Resp: 1037292
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 8.6 12.8

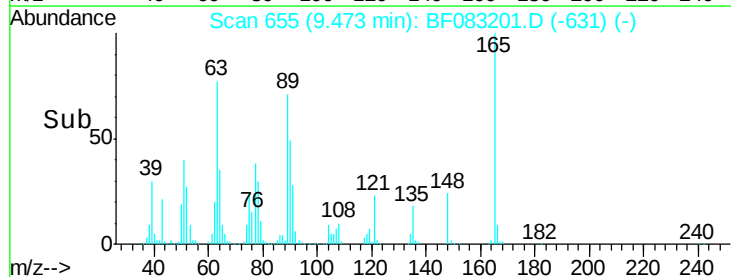
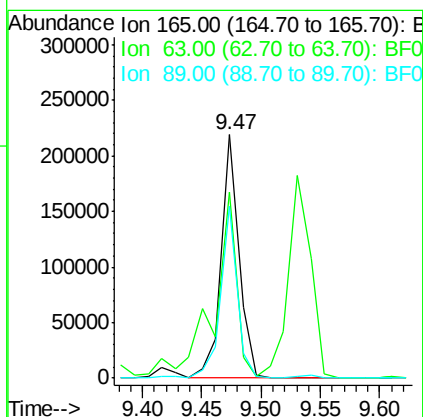
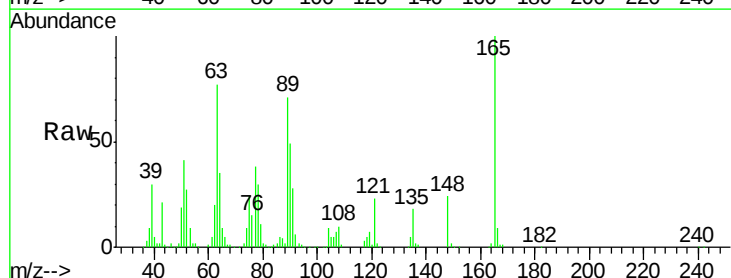
Manual Integrations
APPROVED

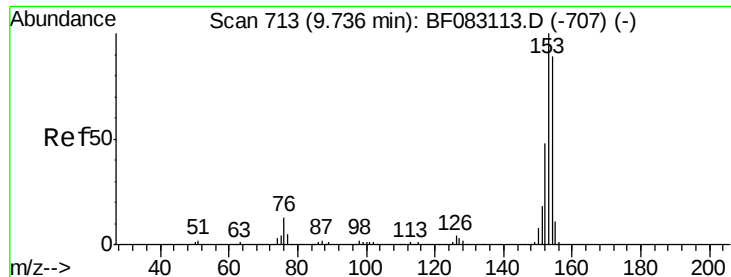
Mmdadoda
11/24/2015 1:19:57 PM



#50
2,6-Dinitrotoluene
Concen: 31.54 ng
RT: 9.47 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:165 Resp: 226743
Ion Ratio Lower Upper
165 100
63 76.7 62.5 93.7
89 70.5 59.1 88.7





#51

Acenaphthene

Concen: 34.00 ng

RT: 9.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

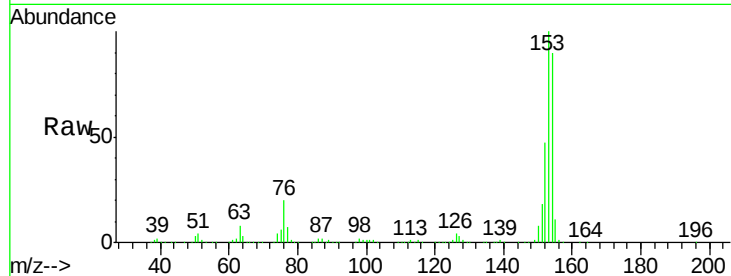
ClientSampleId :

PB86782BS

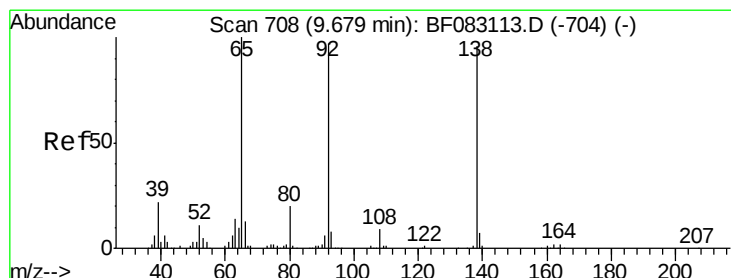
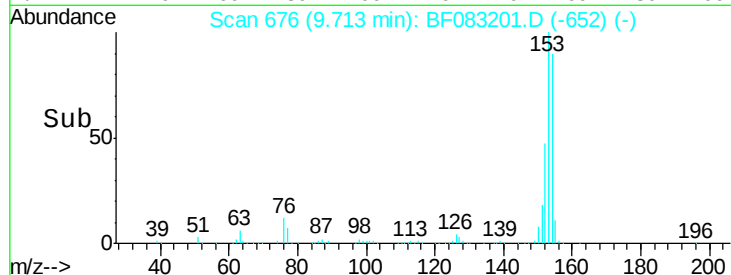
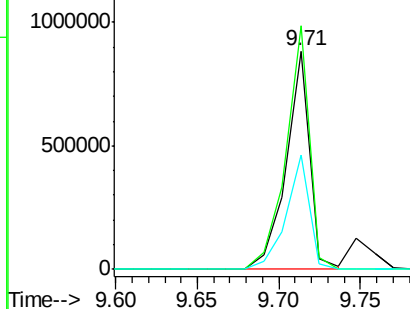
Tot Ion:	154	Resp:	891986
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.6	134.4
152	52.6	43.3	64.9

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



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



#52

3-Nitroaniline

Concen: 21.37 ng

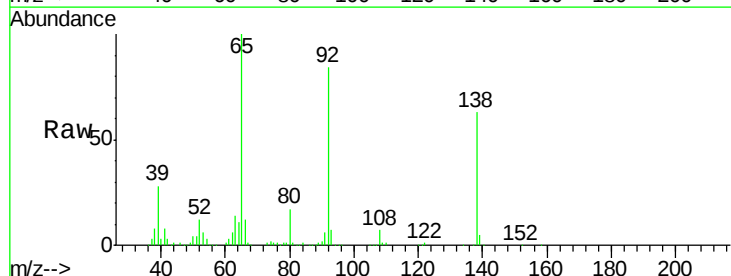
RT: 9.64 min Scan# 670

Delta R.T. -0.03 min

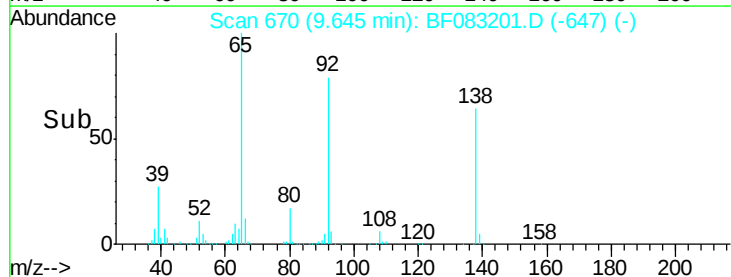
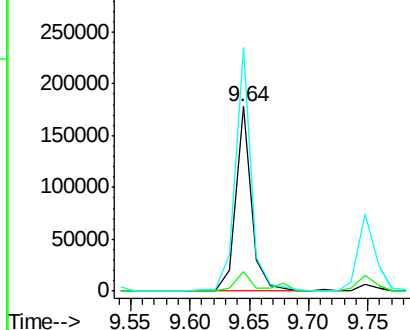
Lab File: BF083201.D

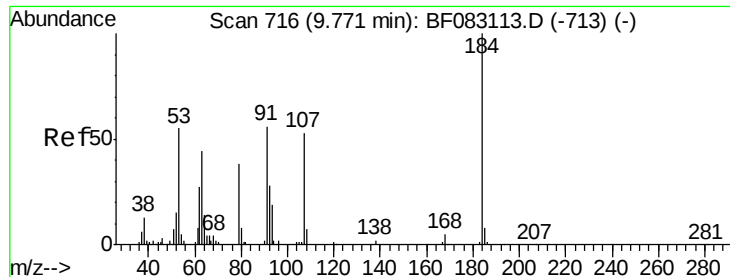
Acq: 23 Nov 2015 13:39

Tgt Ion:	138	Resp:	163771
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.8	11.6
92	132.1	81.1	121.7#



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





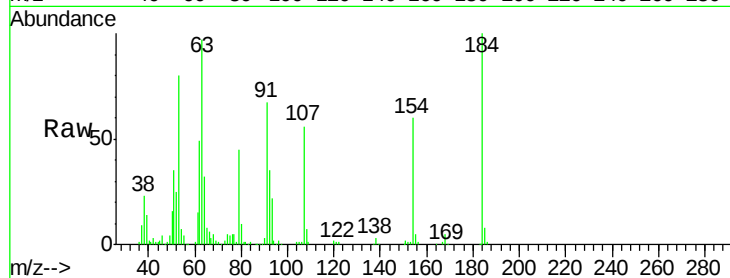
#53
2,4-Dinitrophenol
Concen: 66.46 ng
RT: 9.75 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

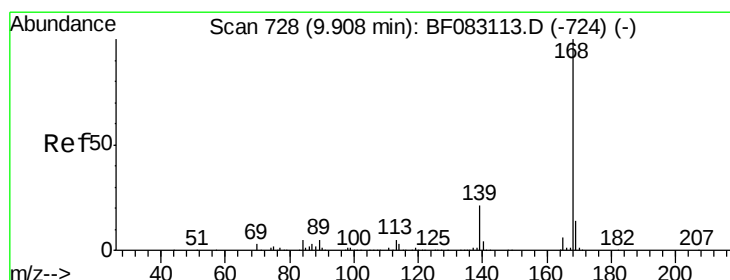
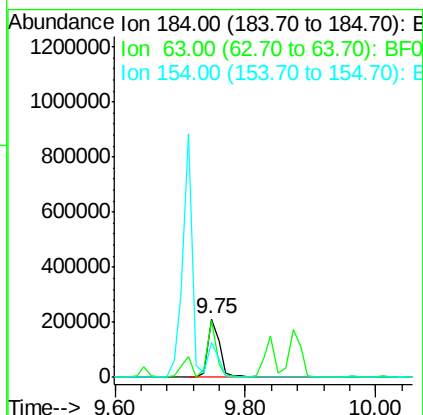
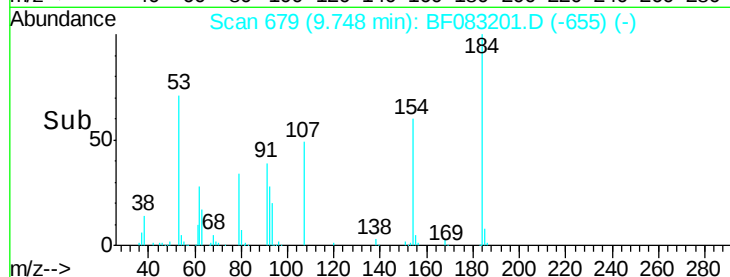
Tot Ion	Ratio	Resp	Lower	Upper
184	100	275264		
63	96.5	60.5	90.7#	
154	60.3	54.3	81.5	

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM

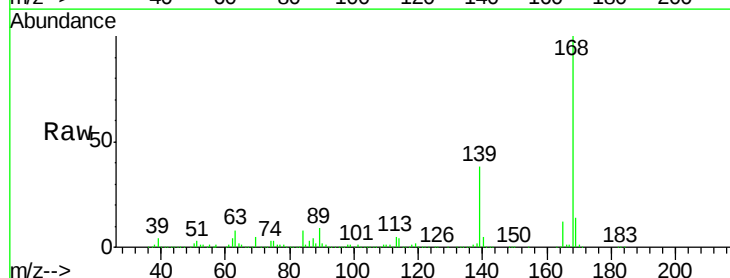


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

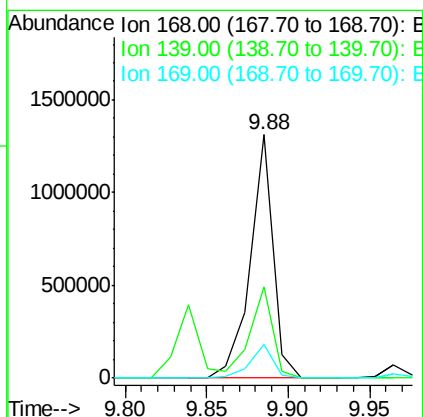
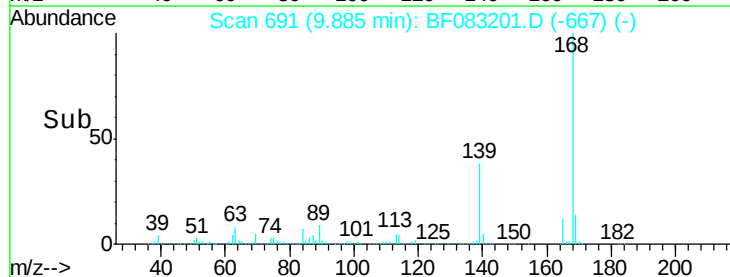


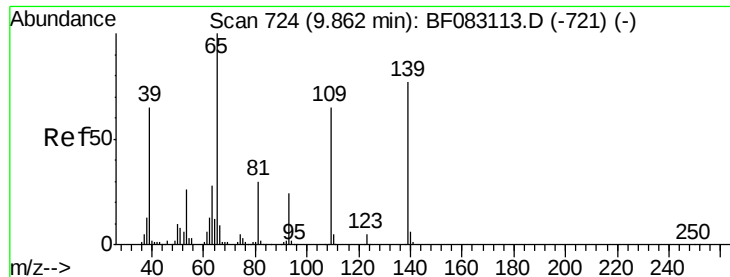
#54
Dibenzofuran
Concen: 34.44 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1277632		
139	37.7	30.2	45.2	
169	13.8	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 69.58 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

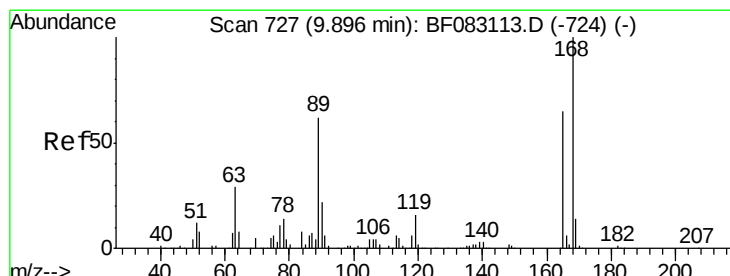
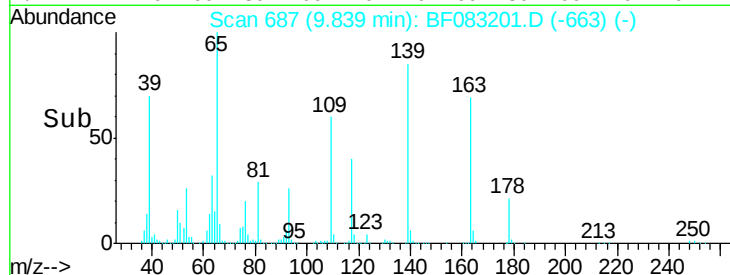
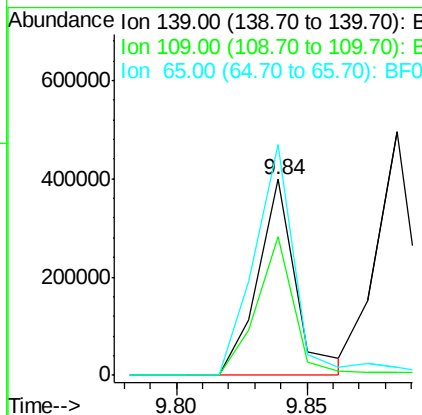
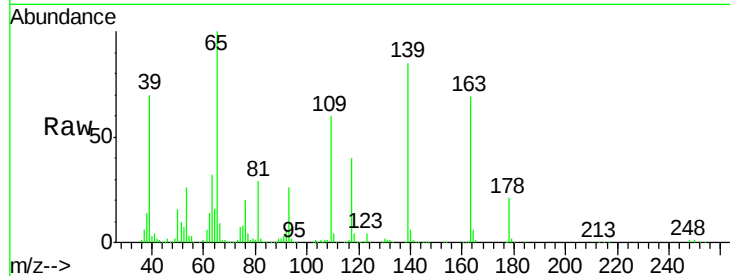
ClientSampleId :

PB86782BS

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.0	64.0	104.0	
65	117.7	109.5	149.5	



#56

2,4-Dinitrotoluene

Concen: 33.27 ng

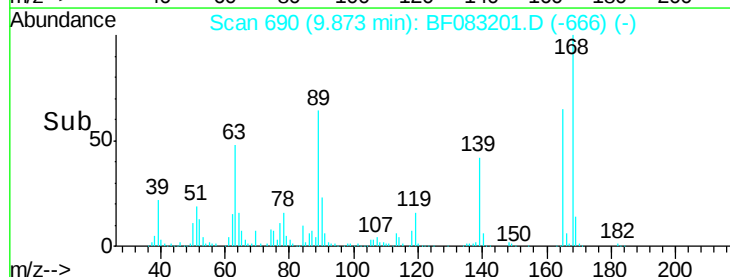
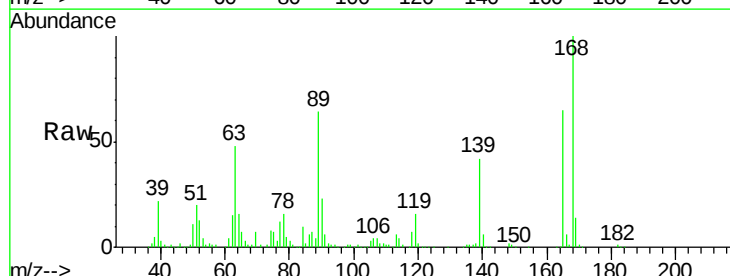
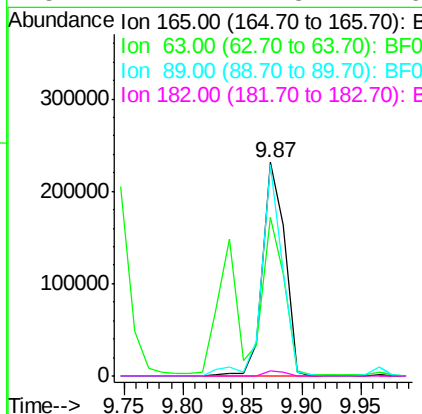
RT: 9.87 min Scan# 690

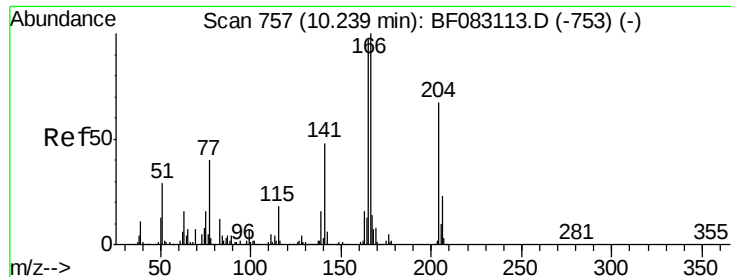
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.3	54.5	81.7	
89	99.0	77.3	115.9	
182	2.2	1.8	2.6	





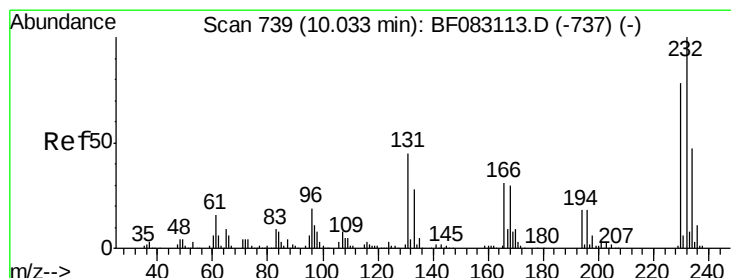
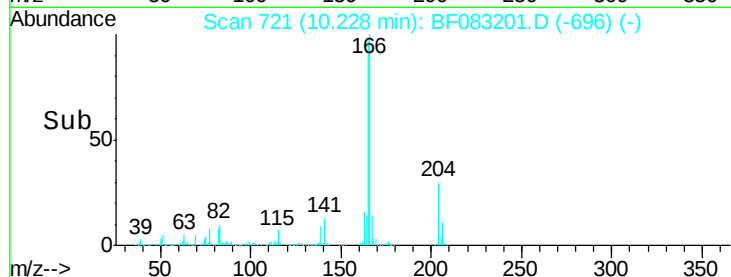
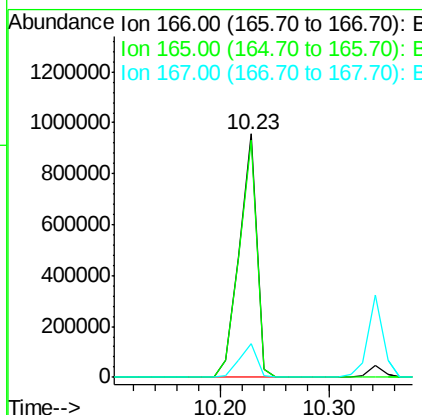
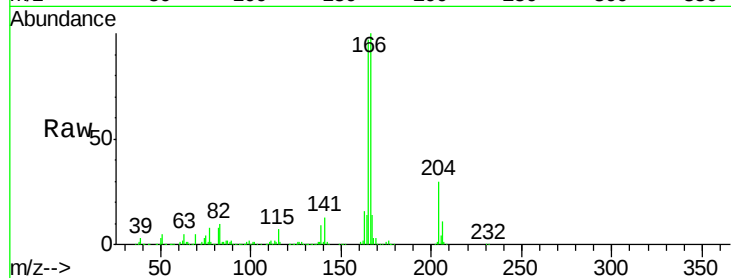
#57
 Fluorene
 Concen: 34.39 ng
 RT: 10.23 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.6	11.3	16.9

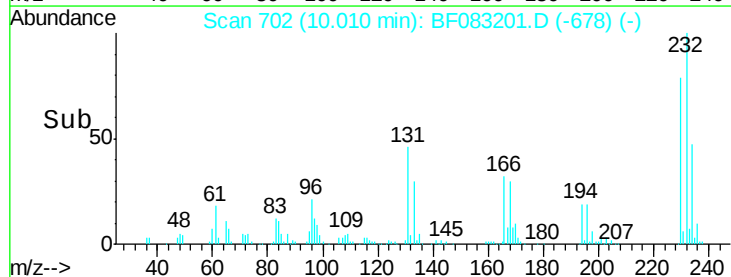
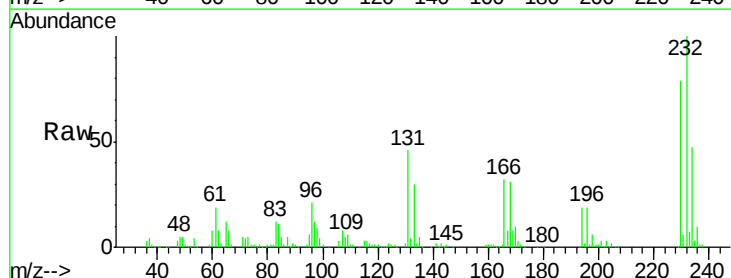
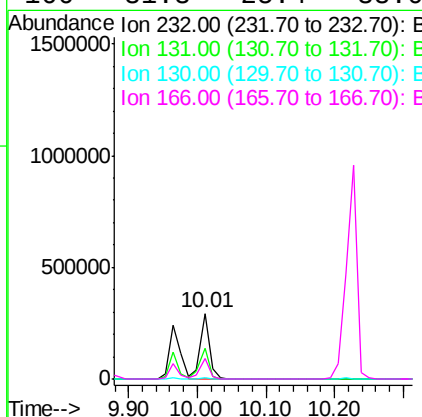
Manual Integrations
 APPROVED

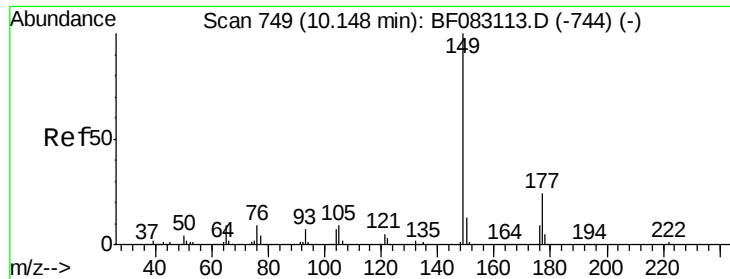
Mmdadoda
 11/24/2015 1:19:57 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.58 ng
 RT: 10.01 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.4	38.6	57.8
130	2.1	1.9	2.9
166	31.3	25.4	38.0





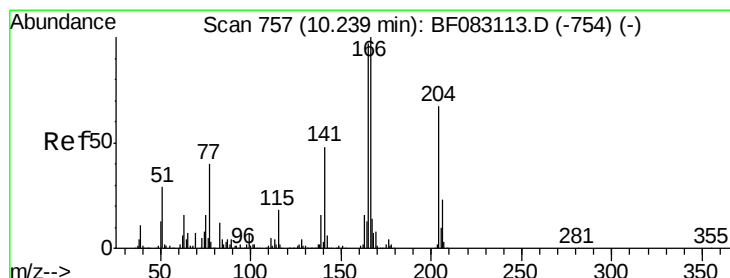
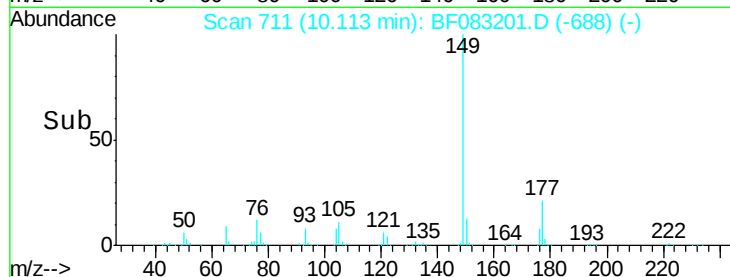
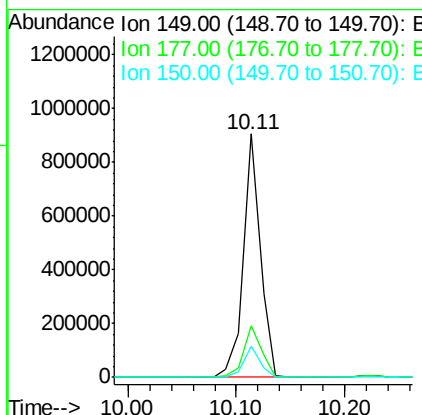
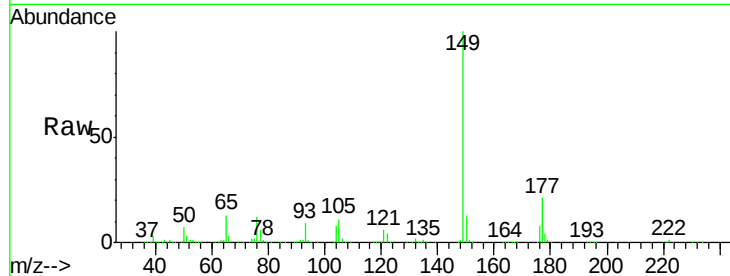
#59
Diethylphthalate
Concen: 30.59 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	975503		
177	21.5	19.4	29.2	
150	12.9	10.2	15.2	

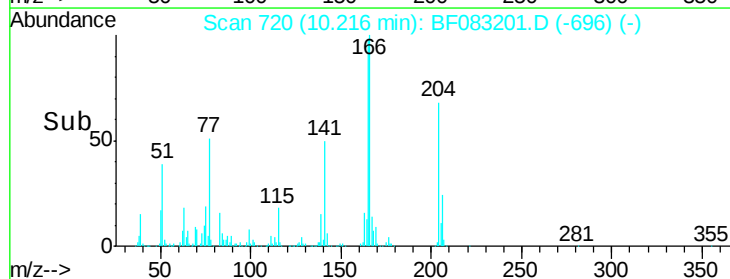
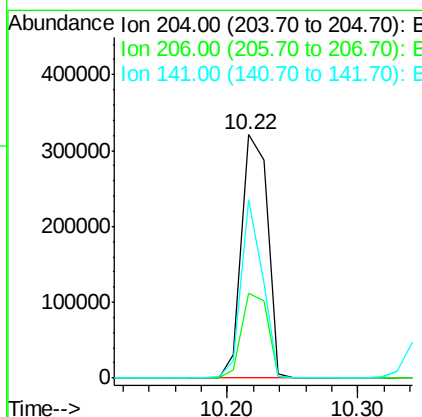
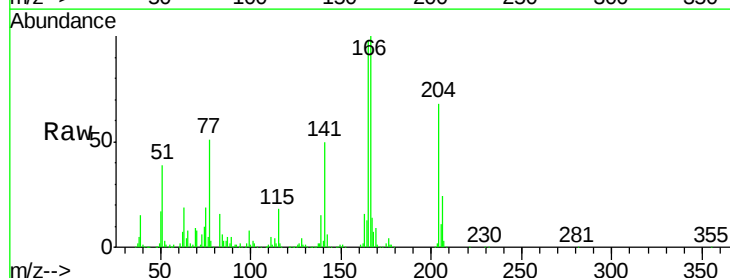
Manual Integrations
APPROVED

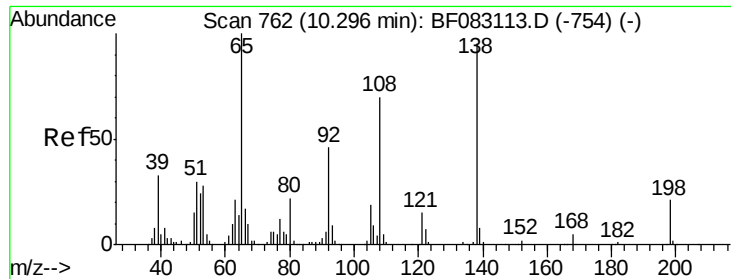
Mmdadoda
11/24/2015 1:19:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.67 ng
RT: 10.22 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	444691		
206	34.6	27.4	41.0	
141	73.5	57.4	86.2	





#61

4-Nitroaniline

Concen: 33.84 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

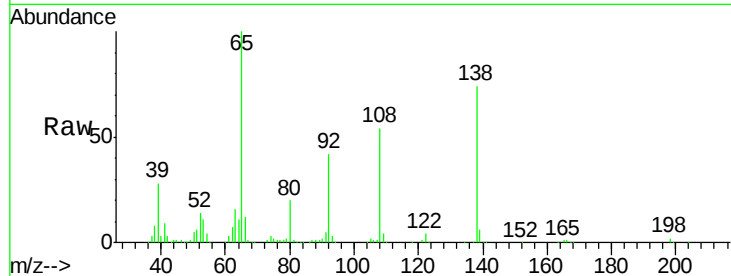
ClientSampleId :

PB86782BS

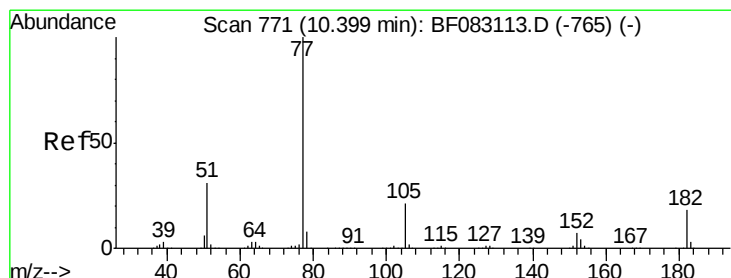
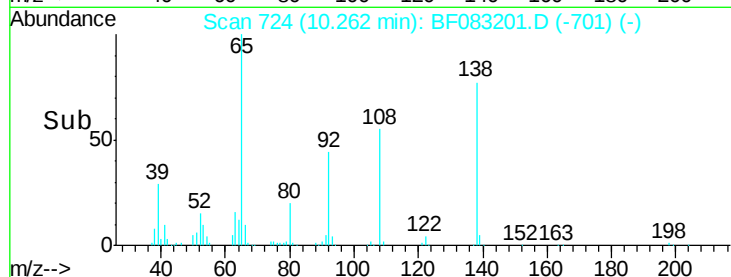
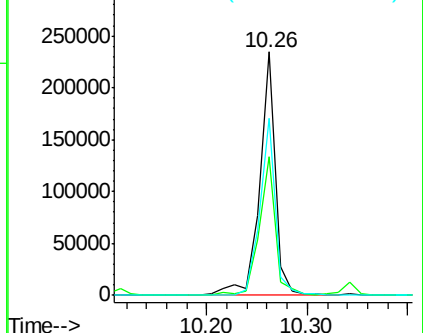
Tot Ion:	138	Resp:	255325
Ion Ratio	Lower	Upper	
138	100		
92	56.7	28.4	68.4
108	72.9	53.5	93.5

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



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



#62

Azobenzene

Concen: 34.06 ng

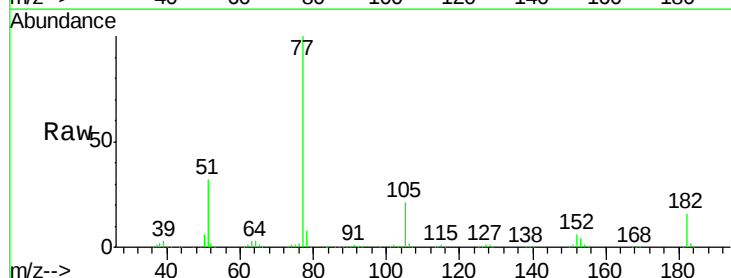
RT: 10.38 min Scan# 734

Delta R.T. -0.02 min

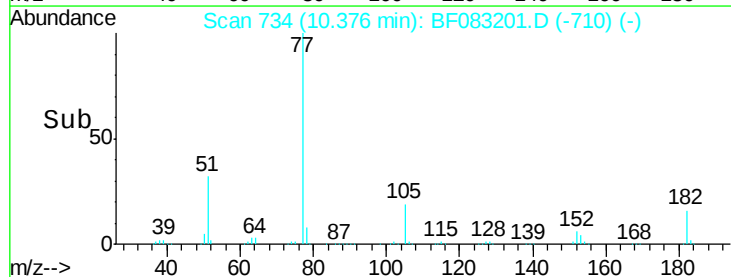
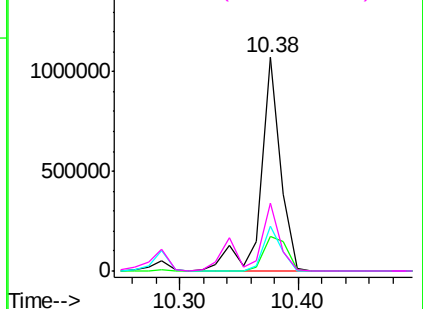
Lab File: BF083201.D

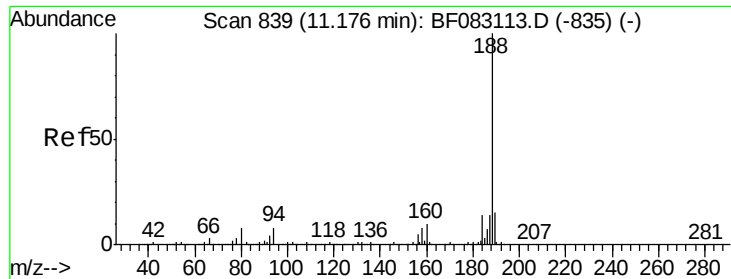
Acq: 23 Nov 2015 13:39

Tgt Ion:	77	Resp:	1239860
Ion Ratio	Lower	Upper	
77	100		
182	16.2	0.0	38.3
105	20.9	1.2	41.2
51	32.0	11.1	51.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





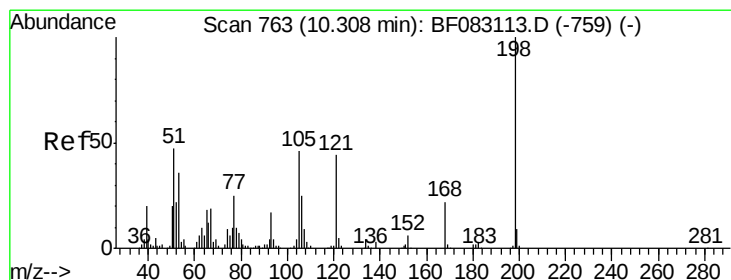
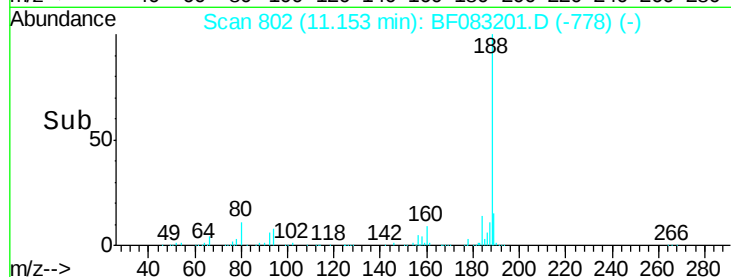
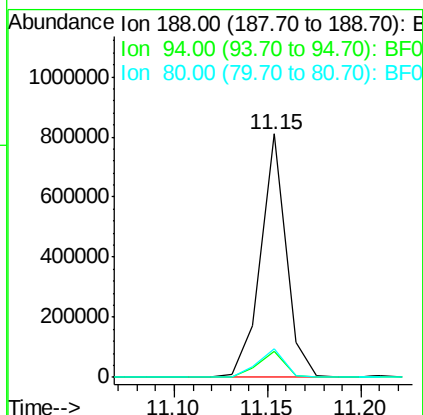
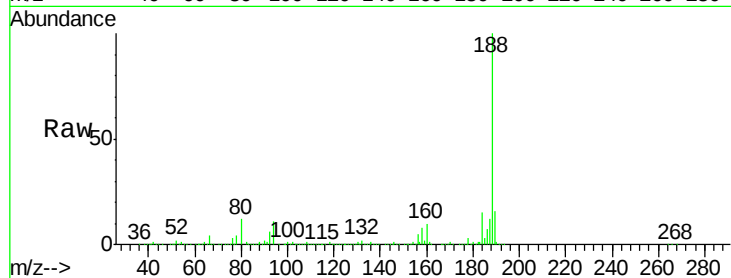
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	762716		
94	10.6	6.0	9.0#	
80	11.8	6.7	10.1#	

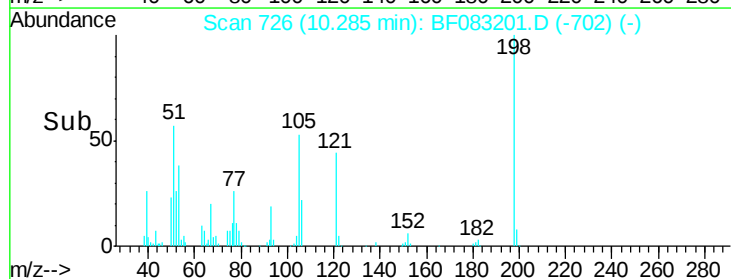
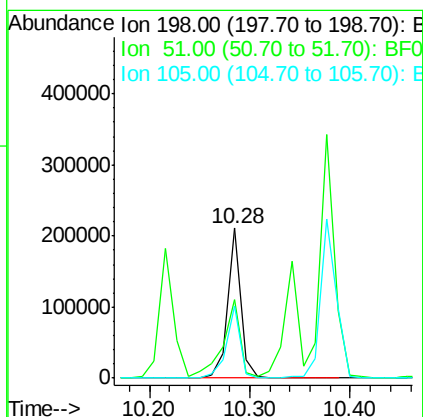
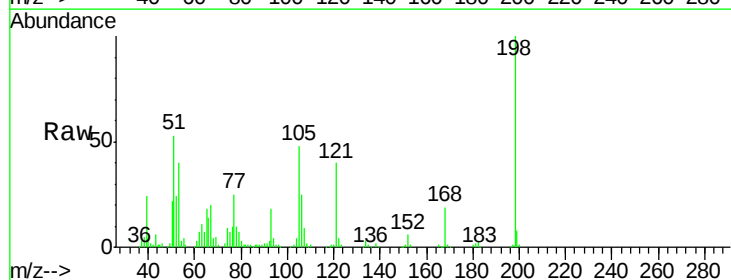
Manual Integrations
APPROVED

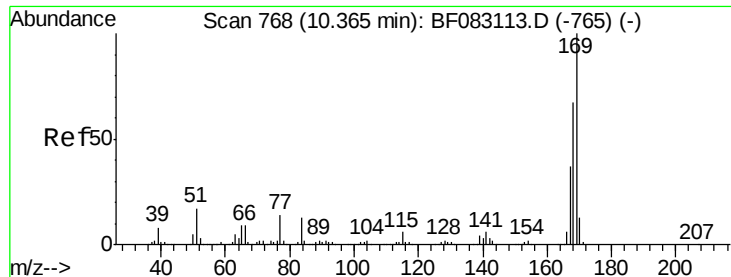
Mmdadoda
11/24/2015 1:19:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.85 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	193676		
51	52.6	27.0	67.0	
105	48.3	26.1	66.1	





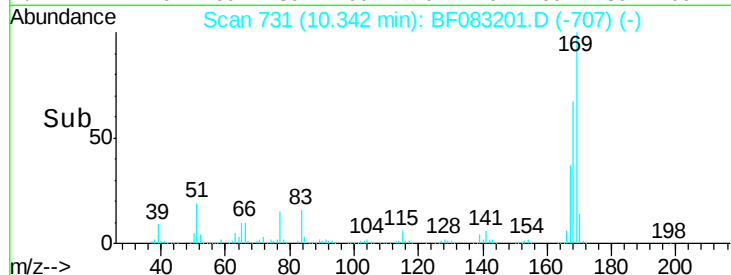
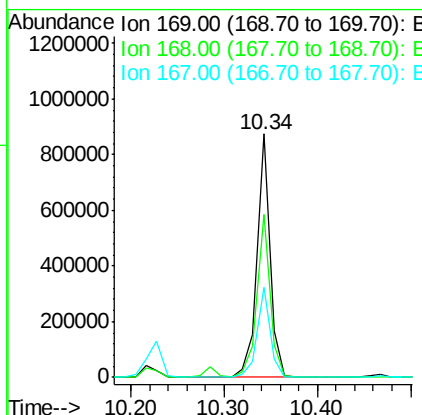
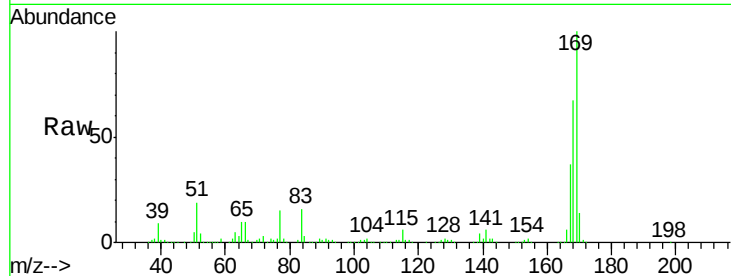
#65
 n-Nitrosodiphenylamine
 Concen: 32.83 ng
 RT: 10.34 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	851524		
168	67.2	53.8	80.6	
167	37.2	29.8	44.8	

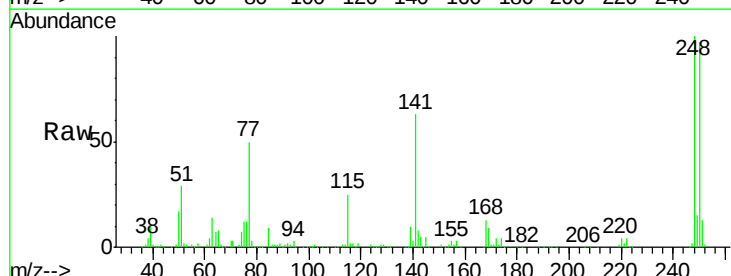
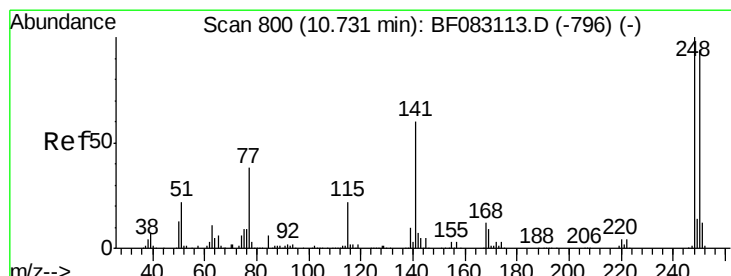
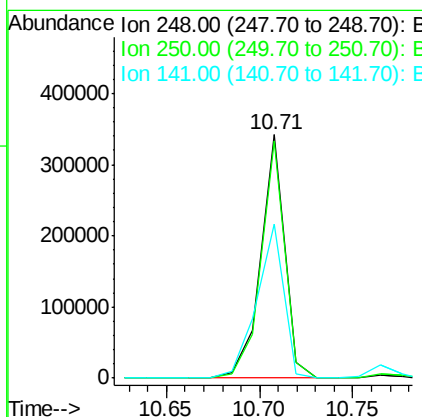
Manual Integrations
 APPROVED

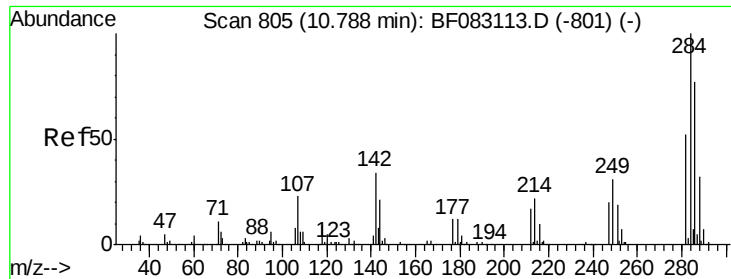
Mmdadoda
 11/24/2015 1:19:57 PM



#66
 4-Bromophenyl-phenylether
 Concen: 35.66 ng
 RT: 10.71 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	301808		
250	97.3	75.4	113.2	
141	63.3	48.1	72.1	





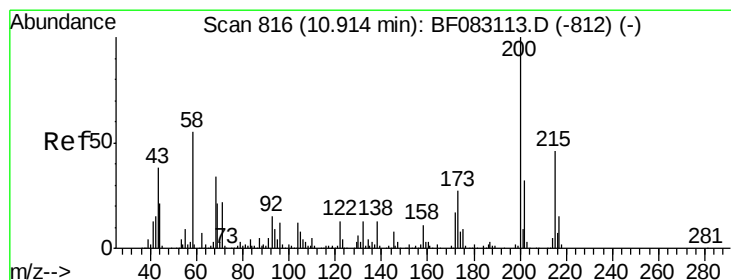
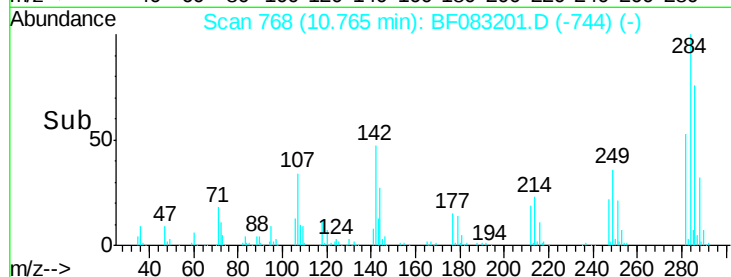
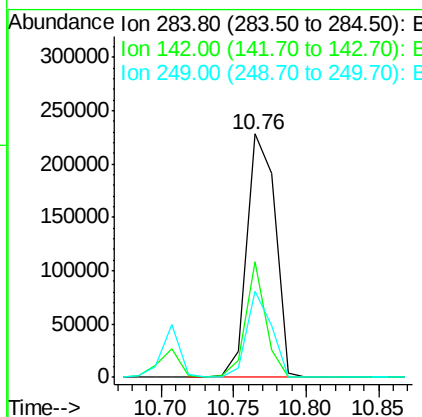
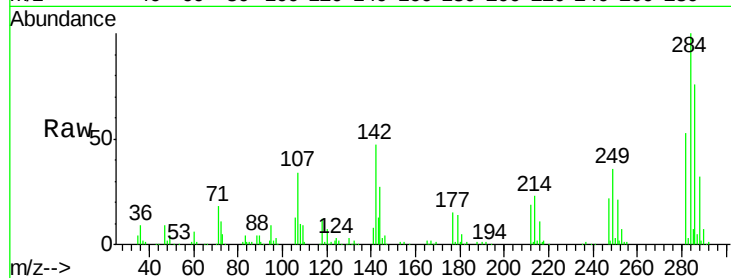
#67
Hexachlorobenzene
Concen: 33.14 ng
RT: 10.76 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	308906		
142	47.4	27.6	41.4#	
249	35.5	25.5	38.3	

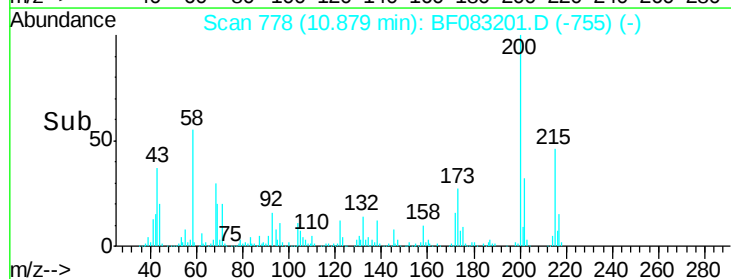
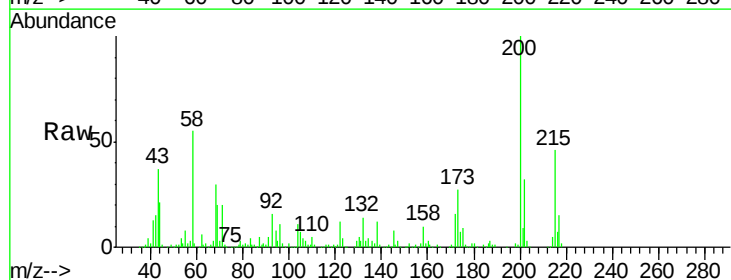
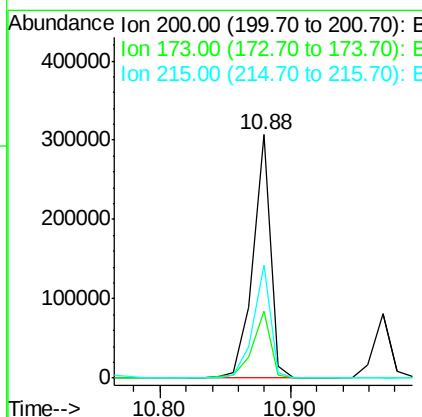
Manual Integrations
APPROVED

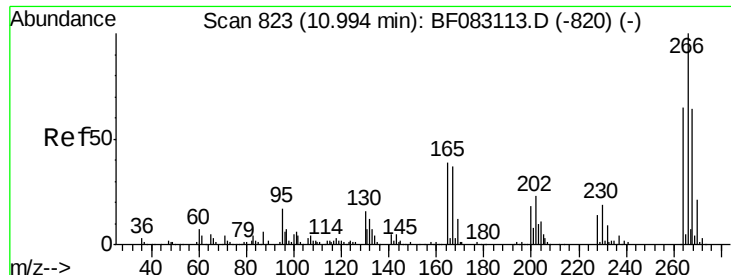
Mmdadoda
11/24/2015 1:19:57 PM



#68
Atrazine
Concen: 38.47 ng
RT: 10.88 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	289785		
173	27.3	7.2	47.2	
215	46.5	25.7	65.7	





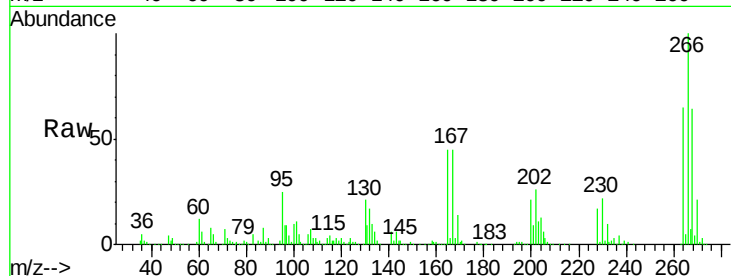
#69
 Pentachlorophenol
 Concen: 61.12 ng
 RT: 10.97 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	371050		
268	63.6	51.4	77.0	
264	64.8	51.7	77.5	

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:57 PM

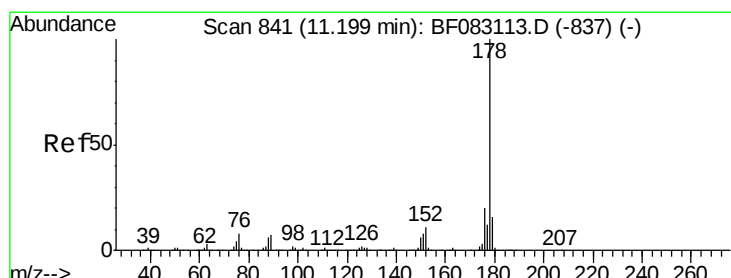
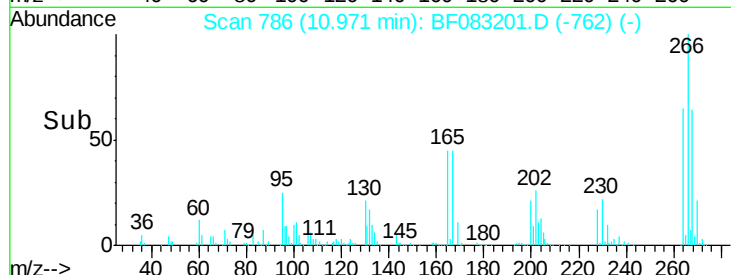
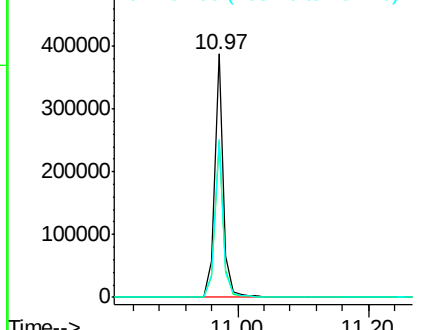


Abundance

Ion 265.70 (265.40 to 266.40): E

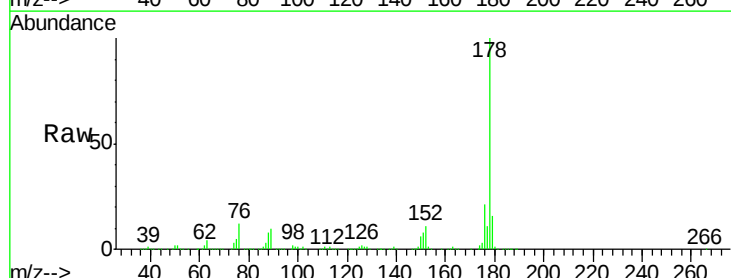
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 33.03 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1451623		
176	20.7	16.2	24.2	
179	16.4	12.8	19.2	

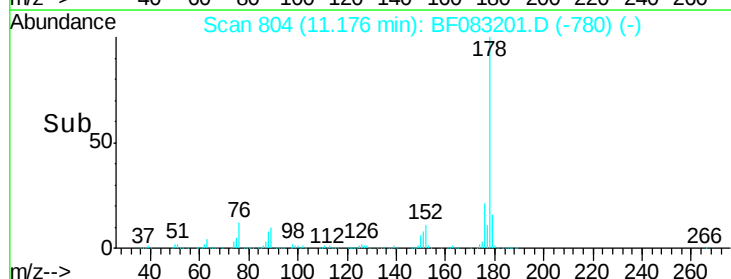
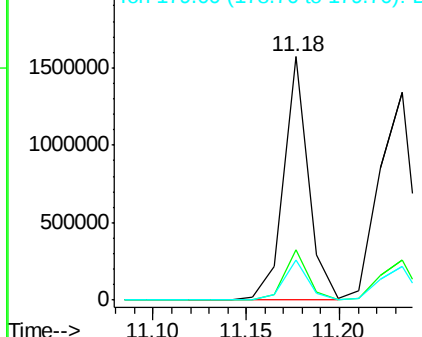


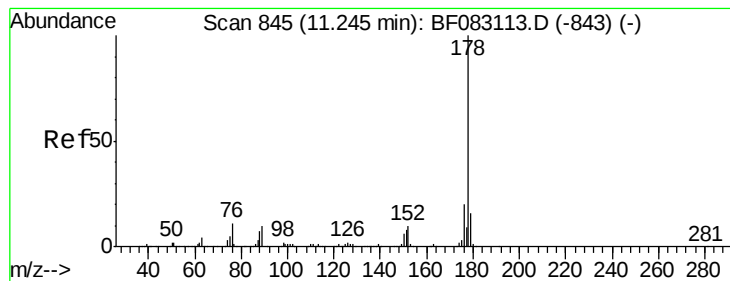
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.25 ng

RT: 11.23 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion:178 Resp: 1580336

Ion Ratio Lower Upper

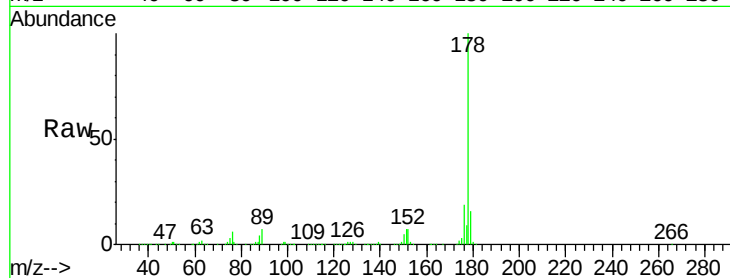
178 100

176 19.4 15.6 23.4

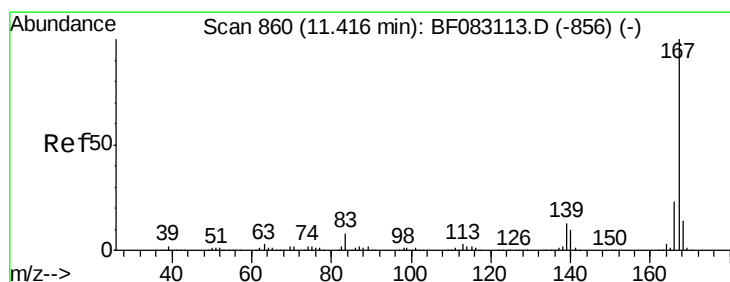
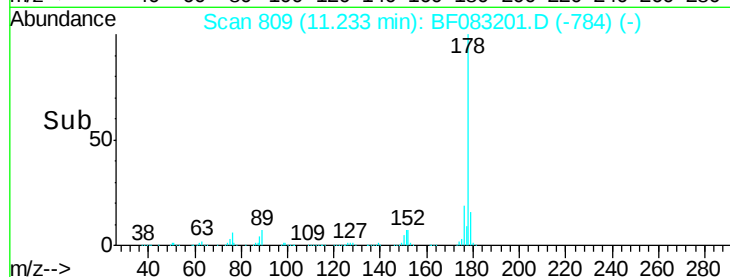
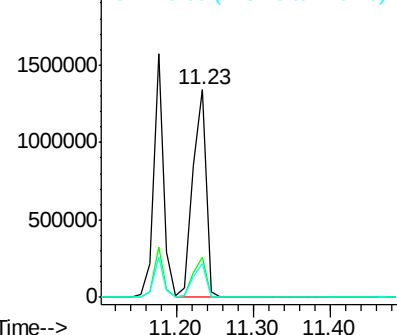
179 16.4 13.2 19.8

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 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: 36.11 ng

RT: 11.39 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

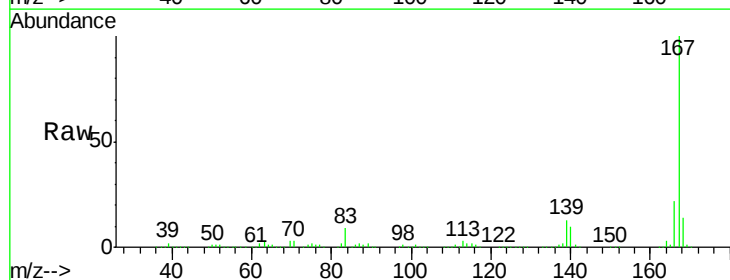
Tgt Ion:167 Resp: 1439091

Ion Ratio Lower Upper

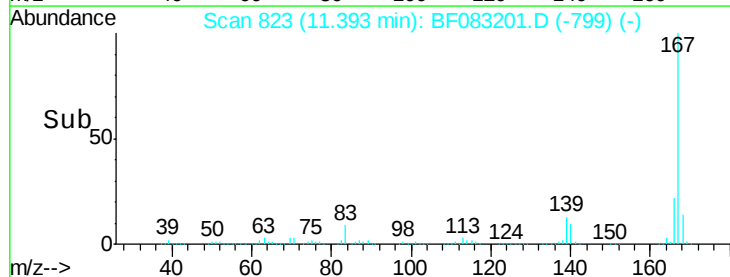
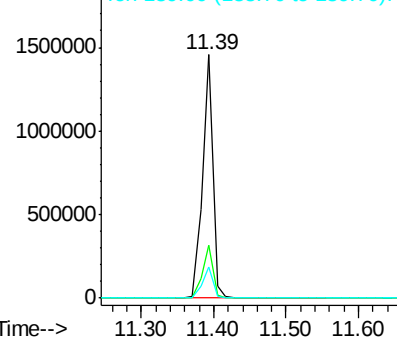
167 100

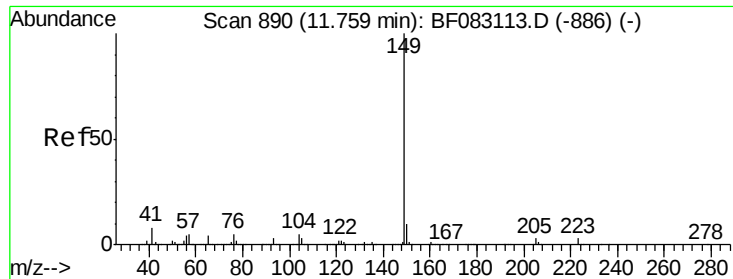
166 21.8 18.0 27.0

139 12.6 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: 32.31 ng

RT: 11.74 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion:149 Resp: 1571466

Ion Ratio Lower Upper

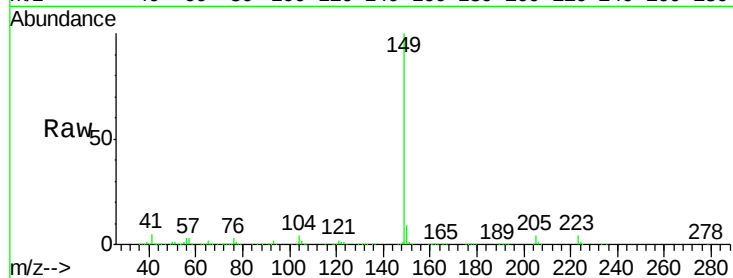
149 100

150 9.1 8.0 12.0

104 4.1 4.4 6.6#

Manual Integrations
APPROVED

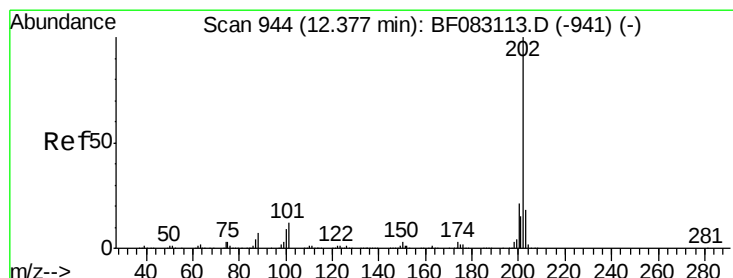
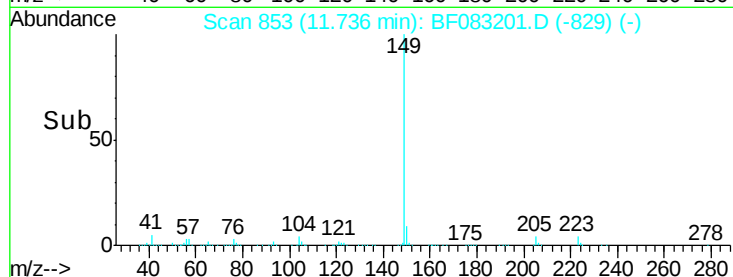
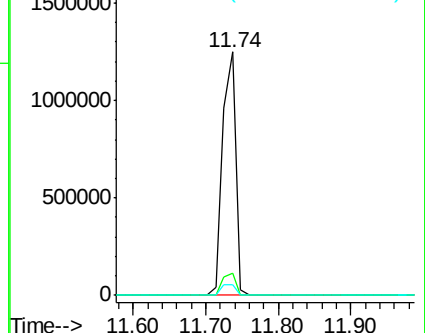
Mmdadoda
11/24/2015 1:19:57 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.45 ng

RT: 12.35 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

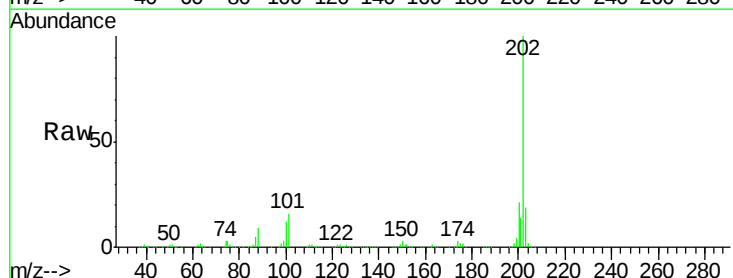
Tgt Ion:202 Resp: 1504435

Ion Ratio Lower Upper

202 100

101 15.7 0.0 32.3

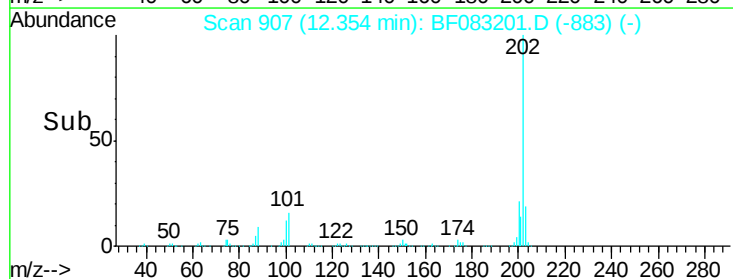
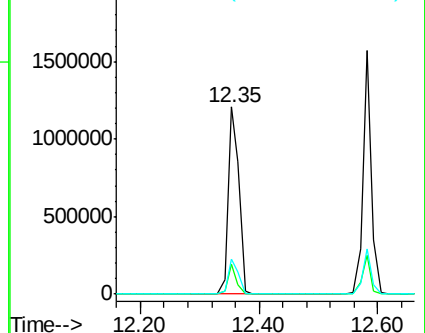
203 18.9 0.0 38.4

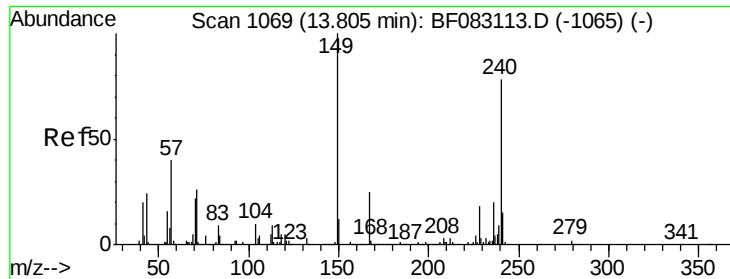


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





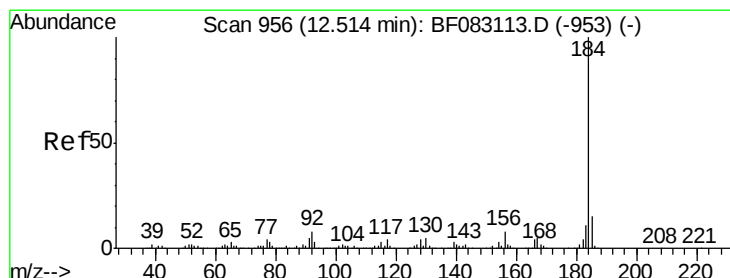
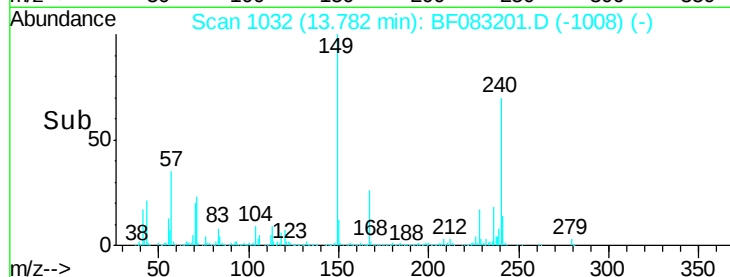
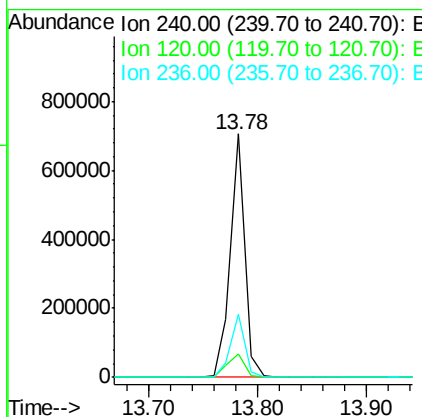
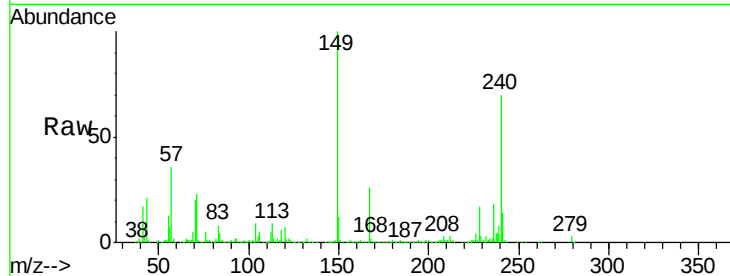
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion:240 Resp: 650954
Ion Ratio Lower Upper
240 100
120 9.6 5.4 8.2#
236 25.9 20.6 31.0

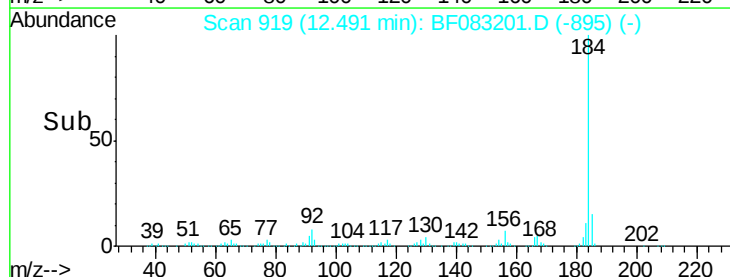
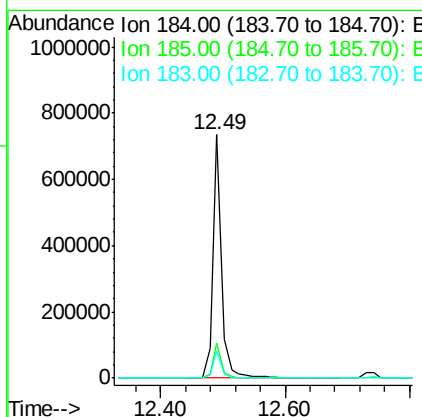
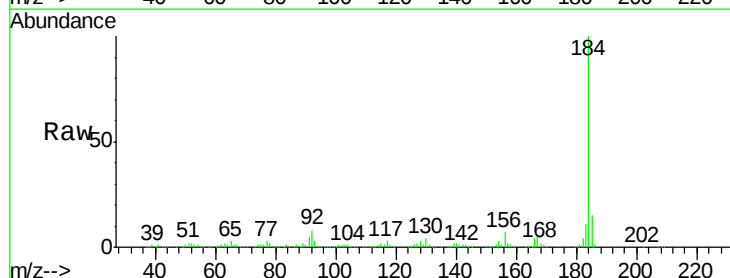
Manual Integrations
APPROVED

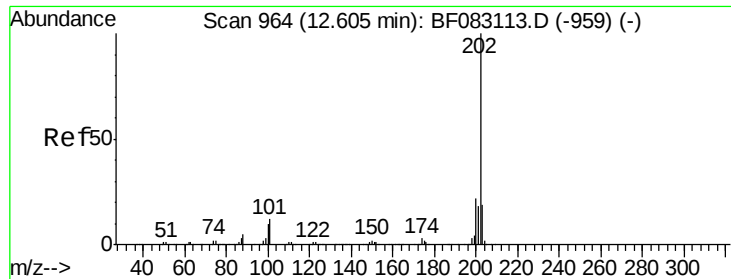
Mmdadoda
11/24/2015 1:19:57 PM



#76
Benzidine
Concen: 40.94 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:184 Resp: 698518
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.3 8.8 13.2





#77

Pvrene

Concen: 34.52 ng

RT: 12.58 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

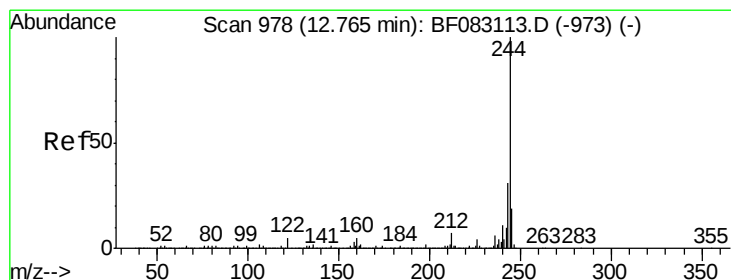
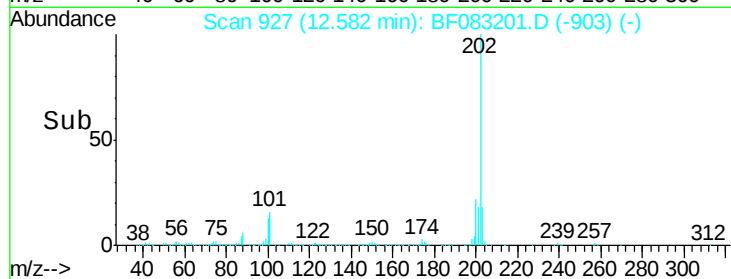
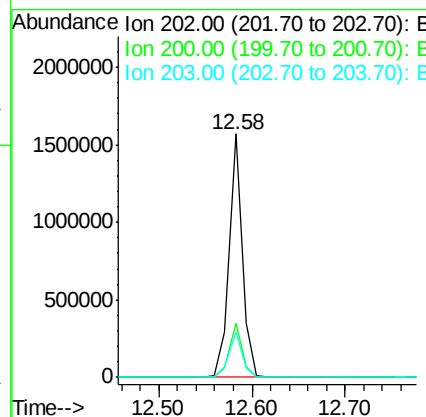
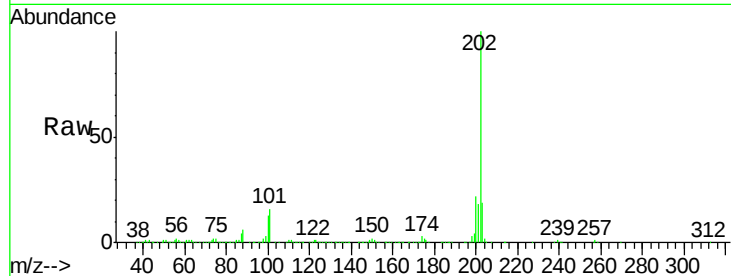
ClientSampleId :

PB86782BS

Tot Ion:	202	Resp:	1534991
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	18.5	15.0	22.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#78

Terphenyl-d14

Concen: 66.58 ng

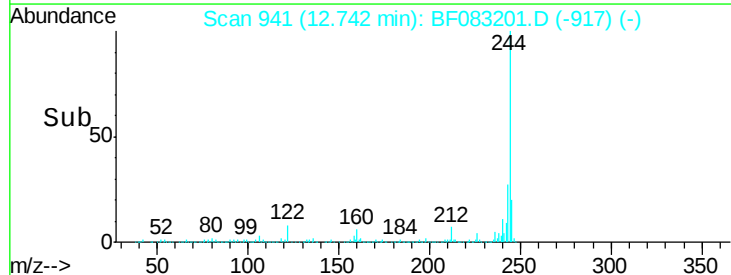
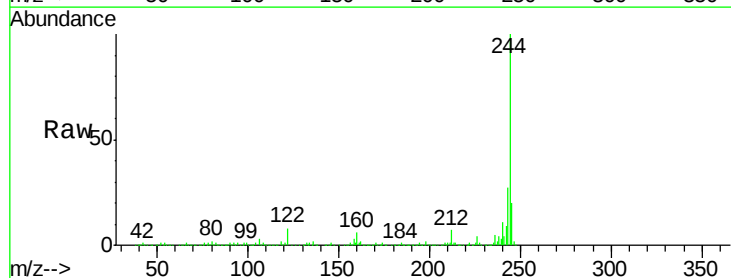
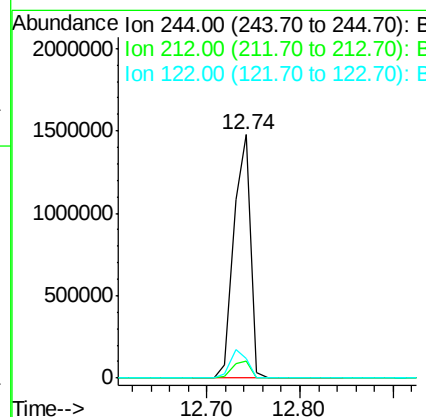
RT: 12.74 min Scan# 941

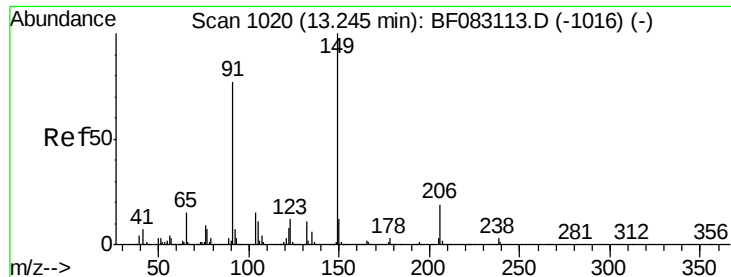
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	244	Resp:	1840551
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	7.9	4.3	6.5#





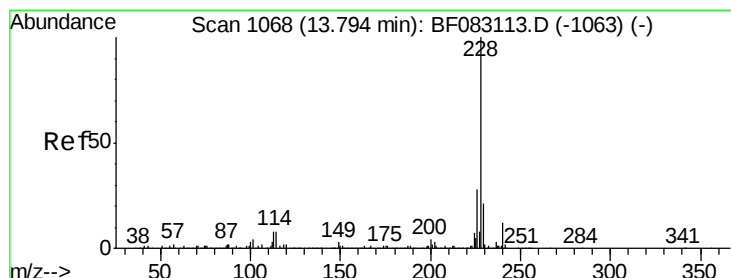
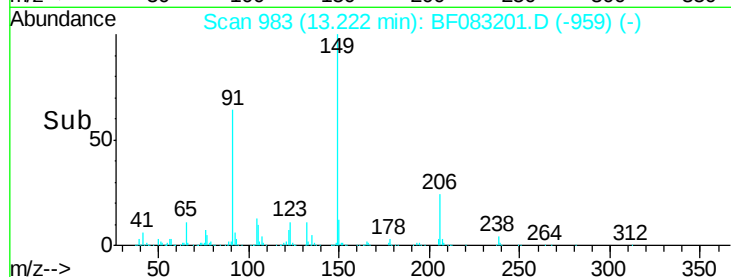
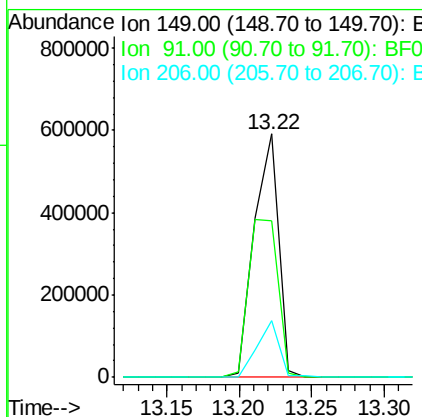
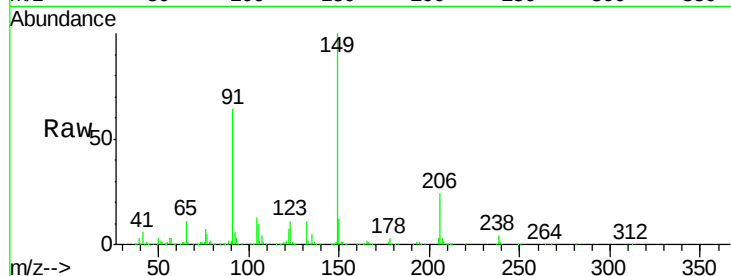
#79
Butylbenzylphthalate
Concen: 32.84 ng
RT: 13.22 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	64.4	61.5	92.3
206	23.5	15.3	22.9

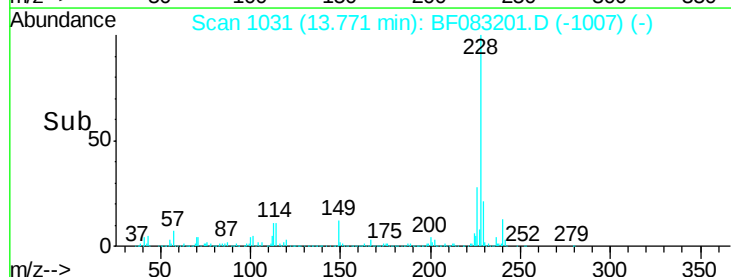
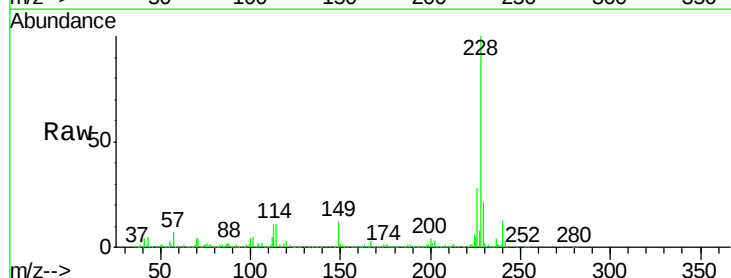
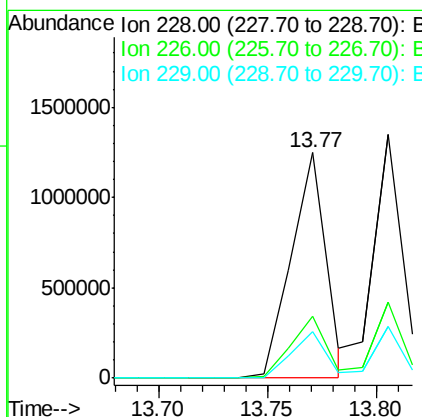
Manual Integrations
APPROVED

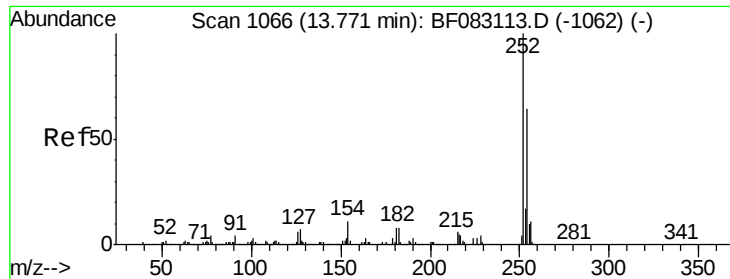
Mmdadoda
11/24/2015 1:19:57 PM



#80
Benzo(a)anthracene
Concen: 34.74 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.6	16.6	24.8





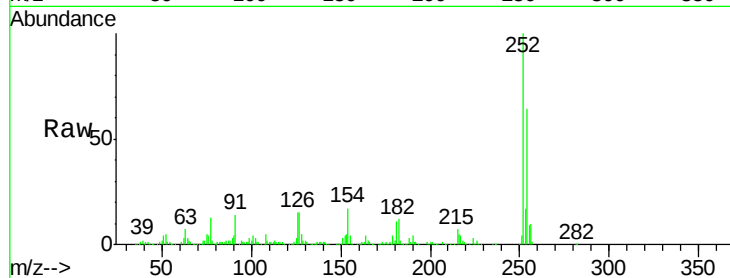
#81
 3,3'-Dichlorobenzidine
 Concen: 22.73 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.9	51.5	77.3	
126	15.1	5.2	7.8	

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:57 PM

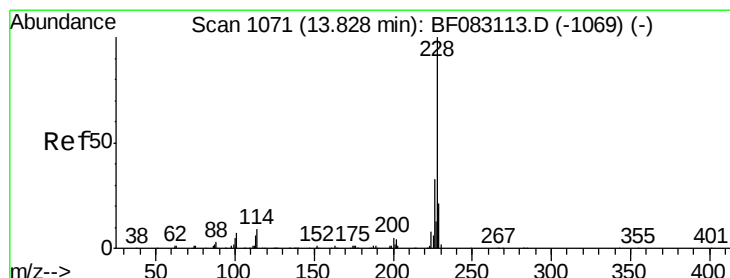
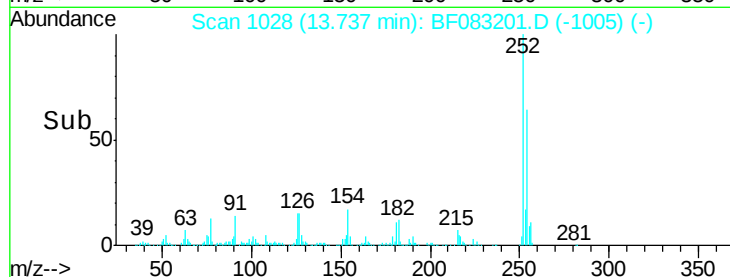
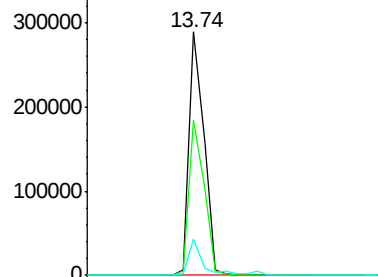


Abundance

Ion 252.00 (251.70 to 252.70): E

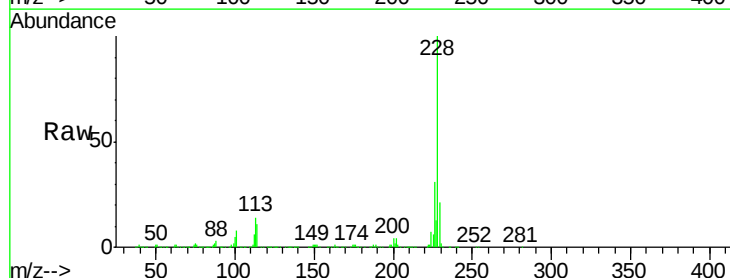
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 33.31 ng m
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.0	25.5	38.3	
229	21.0	16.6	25.0	

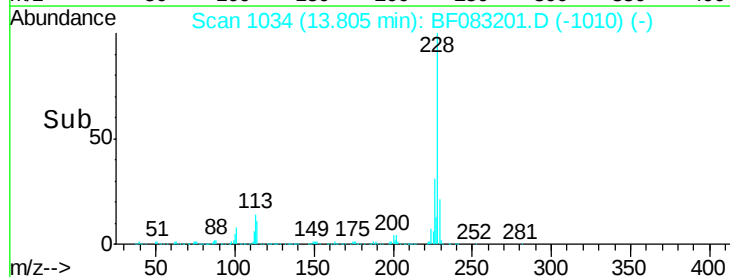
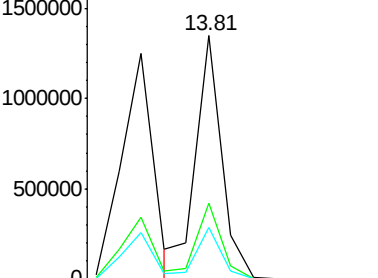


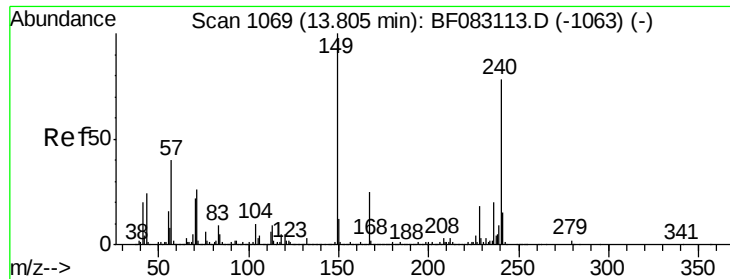
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.51 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

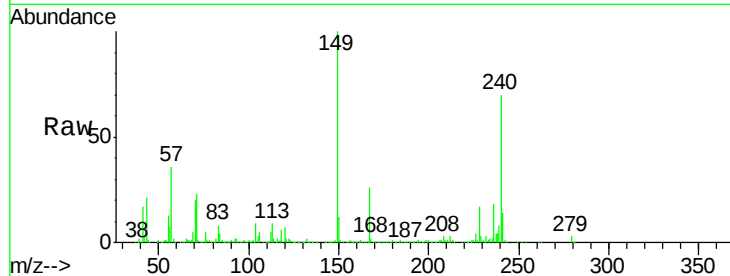
ClientSampleId :

PB86782BS

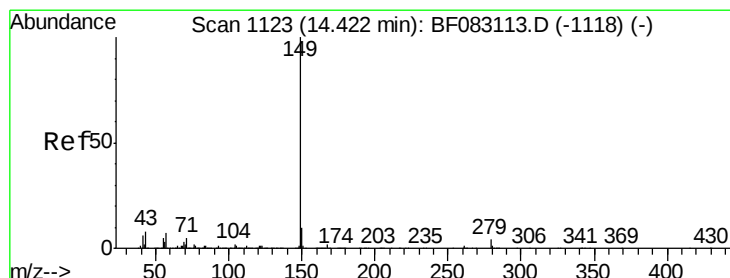
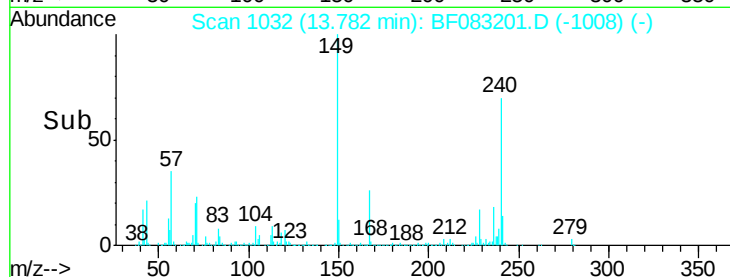
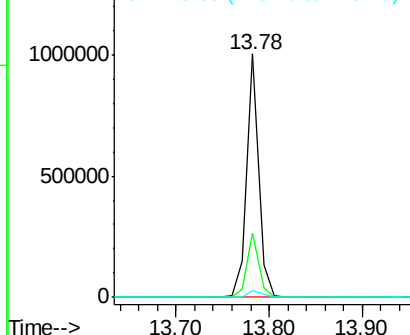
Tot Ion:	149	Resp:	893686
Ion Ratio	Lower	Upper	
149	100		
167	26.3	20.1	30.1
279	2.7	1.7	2.5#

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



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



#84

Di-n-octyl phthalate

Concen: 31.29 ng

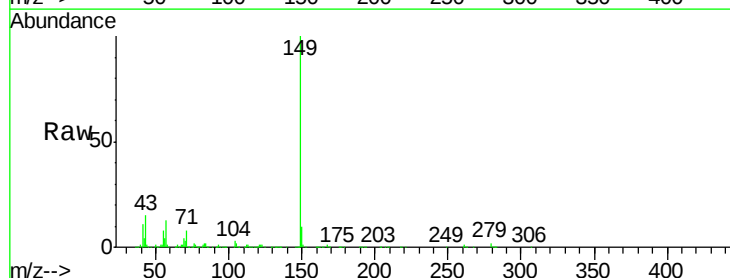
RT: 14.39 min Scan# 1085

Delta R.T. -0.03 min

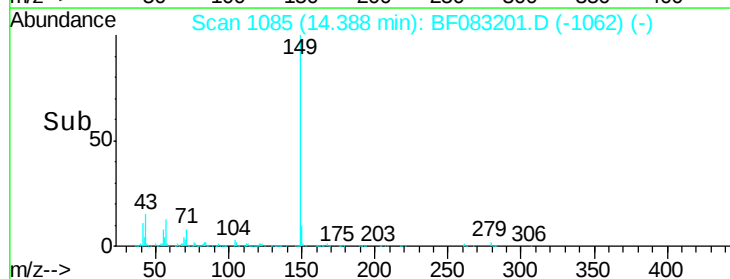
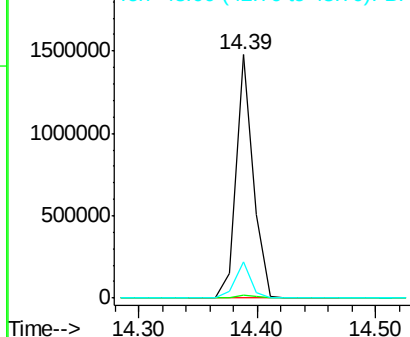
Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	149	Resp:	1480757
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	13.6	9.5	14.3



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.17 ng

RT: 16.40 min Scan# 1261

Delta R.T. -0.05 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tot Ion:276 Resp: 1092561

Ion Ratio Lower Upper

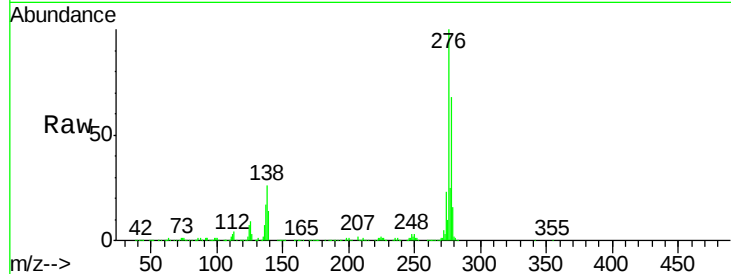
276 100

138 26.1 18.0 27.0

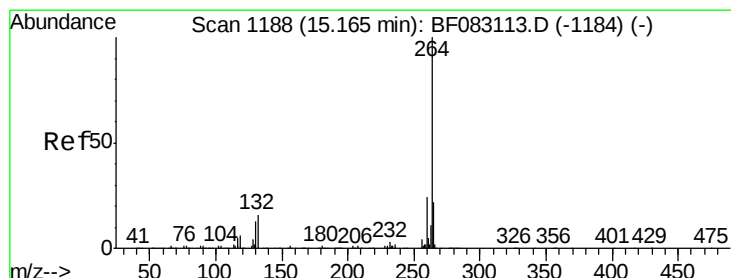
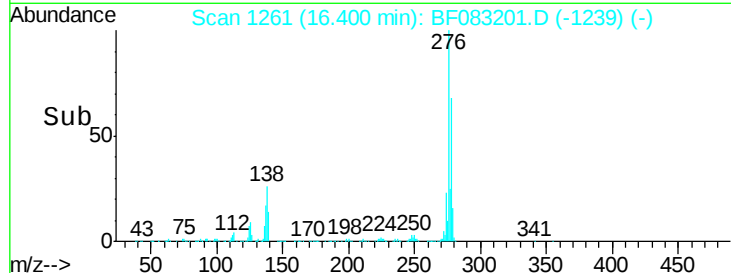
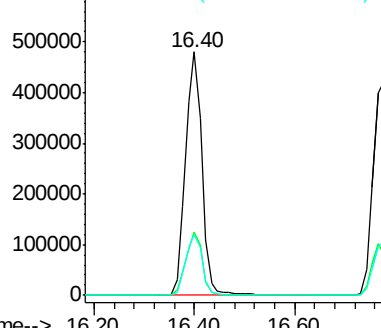
277 25.2 20.2 30.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

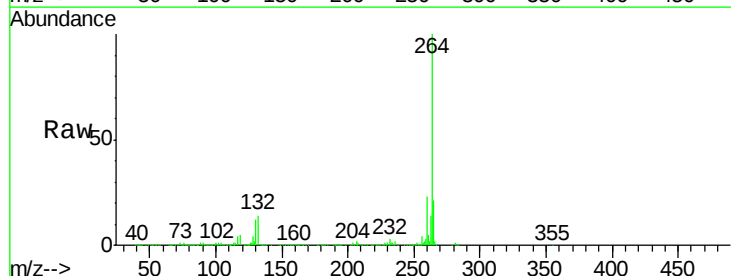
Tgt Ion:264 Resp: 574843

Ion Ratio Lower Upper

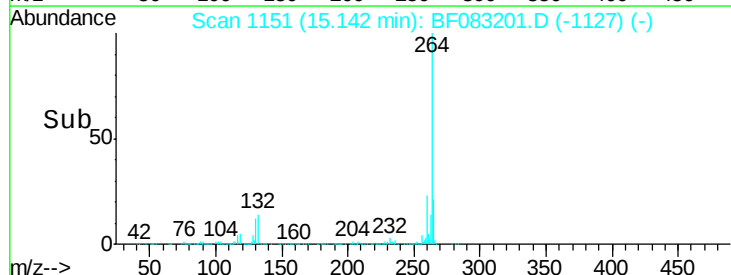
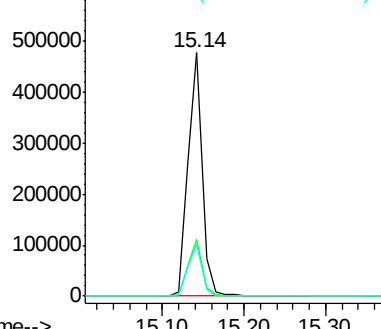
264 100

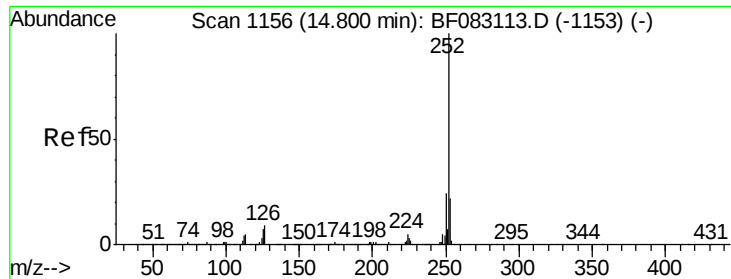
260 23.5 19.1 28.7

265 21.2 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





#87

Benzo(b)fluoranthene

Concen: 38.47 ng m

RT: 14.78 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

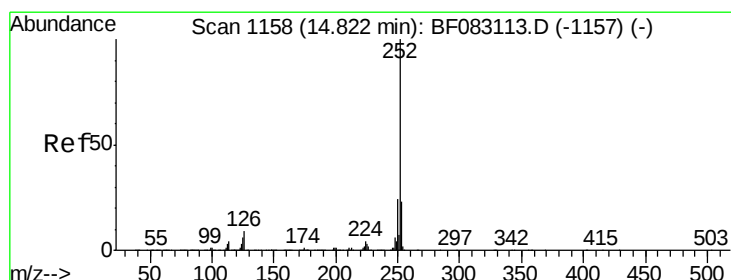
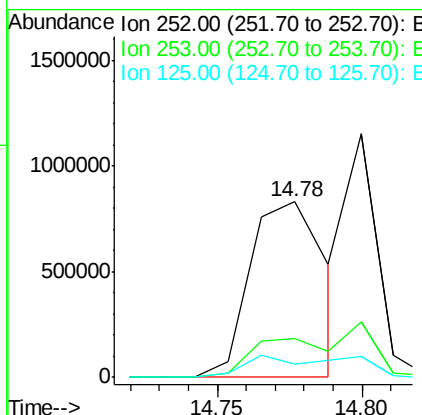
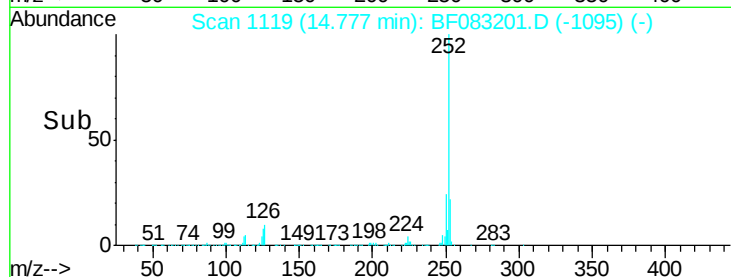
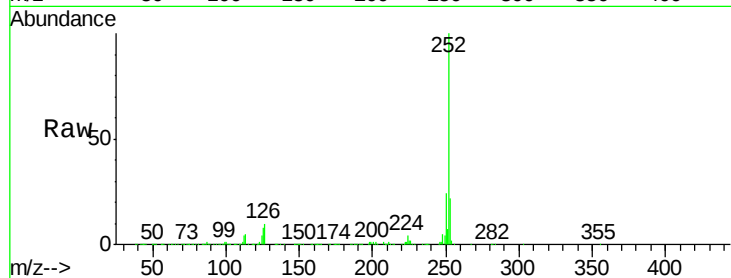
ClientSampleId :

PB86782BS

Tot Ion:	252	Resp:	1511119
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	7.5	5.6	8.4

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:19:57 PM



#88

Benzo(k)fluoranthene

Concen: 30.09 ng m

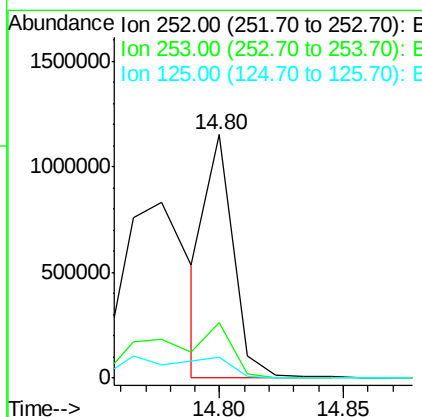
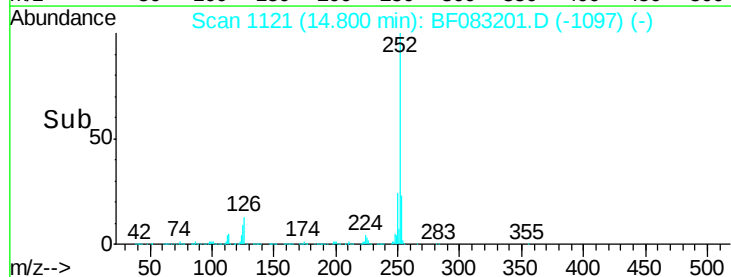
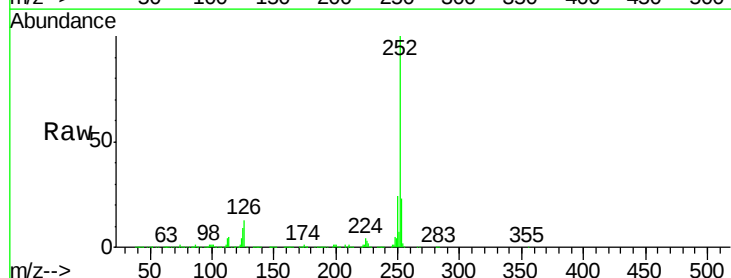
RT: 14.80 min Scan# 1121

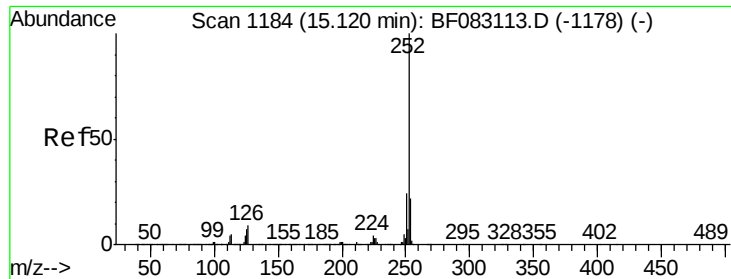
Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:	252	Resp:	880629
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.7	6.8	10.2





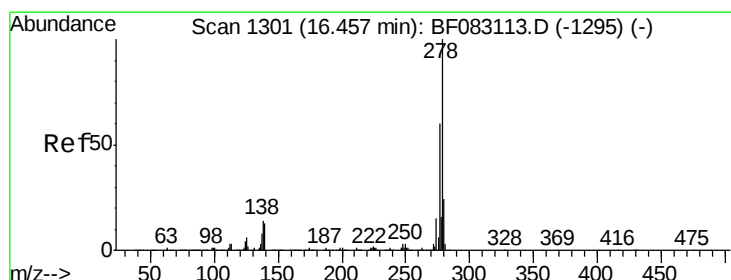
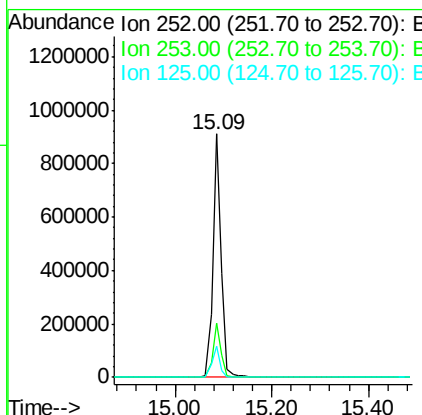
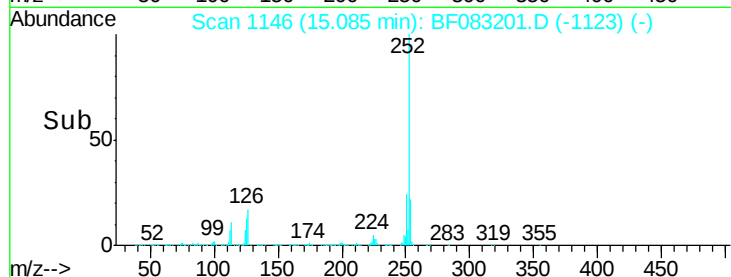
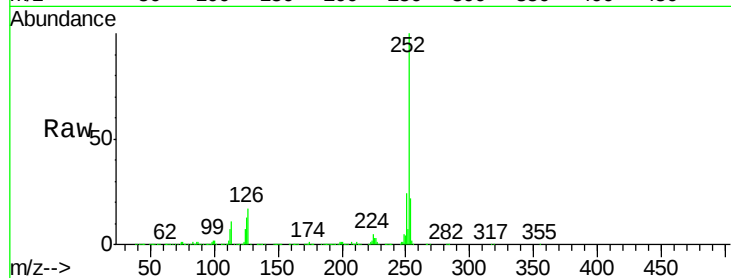
#89
Benzo(a)pyrene
Concen: 33.95 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.8	5.4	8.0

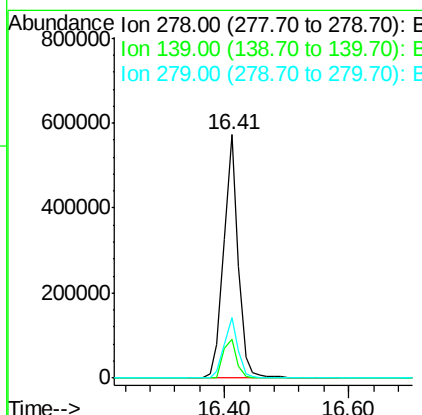
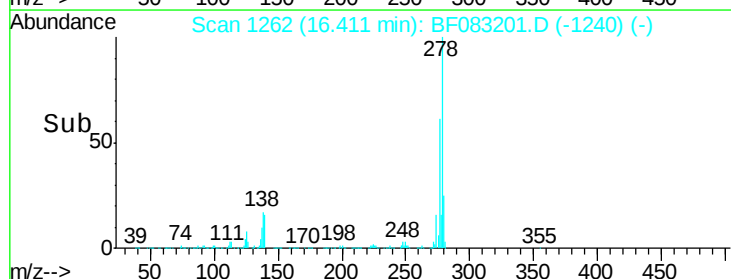
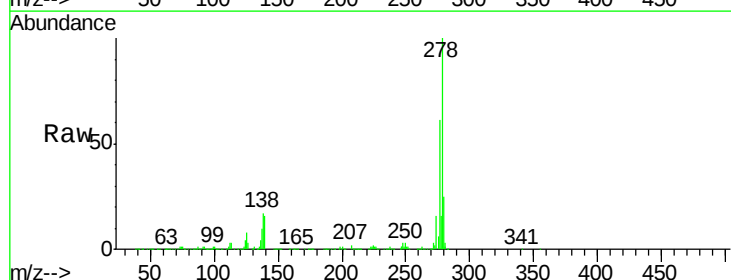
Manual Integrations
APPROVED

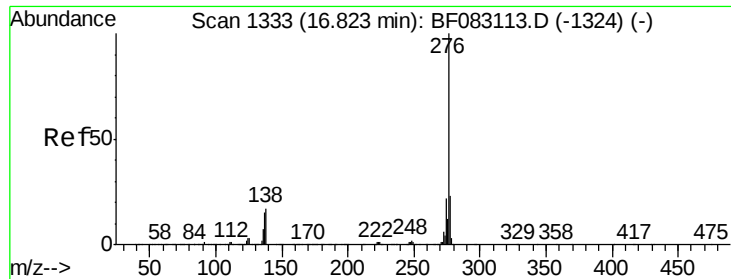
Mmdadoda
11/24/2015 1:19:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.40 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	10.7	16.1
279	24.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 31.17 ng
 RT: 16.78 min Scan# 1294
 Delta R.T. -0.05 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	19.6	13.9	20.9

Manual Integrations
 APPROVED

Mmdadoda
 11/24/2015 1:19:57 PM

