

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083246.D
 Acq On : 24 Nov 2015 19:43
 Operator : UM/IZ
 Sample : PB86825BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Manual Integrations
 APPROVED

Mmdadoda
 11/25/2015 12:54:32 PM

Quant Time: Nov 25 01:25:17 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	6.60	152	168665	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	649768	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	331371	20.00	ng	-0.05
63) Phenanthrene-d10	11.13	188	639339	20.00	ng	-0.05
75) Chrysene-d12	13.76	240	536699	20.00	ng	-0.05
86) Perylene-d12	15.11	264	427319	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1277887	114.55	ng	-0.07
7) Phenol-d6	6.28	99	1746099	120.97	ng	-0.06
23) Nitrobenzene-d5	7.19	82	1137483	79.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.44	330	397244	117.18	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1676914	70.57	ng	-0.05
78) Terphenyl-d14	12.71	244	1735326	76.14	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	160995	29.13	ng	# 83
3) Pyridine	2.76	79	524262m	35.92	ng	
4) n-Nitrosodimethylamine	2.71	42	262695	39.02	ng	86
6) Aniline	6.27	93	416187	23.59	ng	92
8) 2-Chlorophenol	6.40	128	445200	36.94	ng	96
9) Benzaldehyde	6.15	77	266515	35.70	ng	93
10) Phenol	6.30	94	683498	39.14	ng	# 74
11) bis(2-Chloroethyl)ether	6.35	93	487156	39.07	ng	94
12) 1,3-Dichlorobenzene	6.55	146	479959	34.87	ng	97
13) 1,4-Dichlorobenzene	6.63	146	497855	35.76	ng	97
14) 1,2-Dichlorobenzene	6.79	146	431982	34.14	ng	95
15) Benzyl Alcohol	6.78	79	454153	37.65	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	839123	43.16	ng	90
17) 2-Methylphenol	6.90	107	385992	38.70	ng	96
18) Hexachloroethane	7.12	117	173015	35.28	ng	# 80
19) n-Nitroso-di-n-propylamine	7.04	70	360200	35.86	ng	97
20) 3+4-Methylphenols	7.06	107	521409	41.35	ng	97
22) Acetophenone	7.03	105	636537	34.12	ng	# 97
24) Nitrobenzene	7.20	77	526711	34.67	ng	99
25) Isophorone	7.45	82	969120	35.99	ng	97
26) 2-Nitrophenol	7.52	139	224539	33.47	ng	# 84
27) 2,4-Dimethylphenol	7.59	122	403558	37.70	ng	90
28) bis(2-Chloroethoxy)methane	7.67	93	609864	38.96	ng	100
29) 2,4-Dichlorophenol	7.77	162	376354	36.96	ng	93
30) 1,2,4-Trichlorobenzene	7.85	180	391452	35.00	ng	97
31) Naphthalene	7.92	128	1235813	35.24	ng	100
32) Benzoic acid	7.72	122	250962	30.16	ng	95
33) 4-Chloroaniline	7.99	127	171710	12.62	ng	# 89
34) Hexachlorobutadiene	8.04	225	219234	33.17	ng	100
35) Caprolactam	8.35	113	123144m	37.74	ng	
36) 4-Chloro-3-methylphenol	8.49	107	441362	37.42	ng	93
37) 2-Methylnaphthalene	8.62	142	858335	37.71	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	366307	34.11	ng	99
40) Hexachlorocyclopentadiene	8.78	237	411694	67.41	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083246.D
 Acq On : 24 Nov 2015 19:43
 Operator : UM/IZ
 Sample : PB86825BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

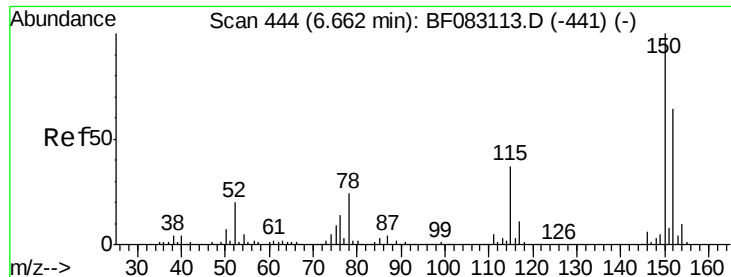
Manual Integrations
 APPROVED

Mmdadoda
 11/25/2015 12:54:32 PM

Quant Time: Nov 25 01:25:17 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	8.90	196	265966	34.58	ng	98
43) 2,4,5-Trichlorophenol	8.95	196	297021	37.77	ng #	87
45) 1,1'-Biphenyl	9.08	154	1007391	35.72	ng	100
46) 2-Chloronaphthalene	9.10	162	755863	34.12	ng #	93
47) 2-Nitroaniline	9.21	65	318768	40.68	ng #	78
48) Acenaphthylene	9.51	152	1242455	36.19	ng	99
49) Dimethylphthalate	9.39	163	951869	37.31	ng	99
50) 2,6-Dinitrotoluene	9.45	165	223348	39.02	ng #	80
51) Acenaphthene	9.68	154	733924	35.13	ng	98
52) 3-Nitroaniline	9.62	138	115913	18.99	ng	91
53) 2,4-Dinitrophenol	9.72	184	240228	72.84	ng	93
54) Dibenzofuran	9.86	168	1148168	38.86	ng	95
55) 4-Nitrophenol	9.82	139	337444	72.10	ng #	70
56) 2,4-Dinitrotoluene	9.85	165	278035	38.33	ng	95
57) Fluorene	10.19	166	852897	34.93	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	242415	37.57	ng	94
59) Diethylphthalate	10.09	149	960407	37.82	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	411437	36.79	ng	94
61) 4-Nitroaniline	10.24	138	225991	37.61	ng	94
62) Azobenzene	10.35	77	1177926	40.64	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	168053	38.15	ng	89
65) n-Nitrosodiphenylamine	10.32	169	829393	38.14	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	256767	36.19	ng	91
67) Hexachlorobenzene	10.74	284	274005	35.07	ng	96
68) Atrazine	10.86	200	267596	42.38	ng	94
69) Pentachlorophenol	10.95	266	342469	67.30	ng	99
70) Phenanthrene	11.15	178	1411166	38.31	ng	100
71) Anthracene	11.20	178	1357738	36.13	ng	100
72) Carbazole	11.36	167	1208248	36.17	ng	98
73) Di-n-butylphthalate	11.70	149	1393808	34.19	ng	99
74) Fluoranthene	12.33	202	1373944	36.45	ng	99
76) Benzidine	12.47	184	464630	33.03	ng	99
77) Pyrene	12.56	202	1509694	41.17	ng	99
79) Butylbenzylphthalate	13.20	149	648215	37.35	ng #	85
80) Benzo(a)anthracene	13.75	228	1261081	37.99	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	249946	21.64	ng #	96
82) Chrysene	13.78	228	1194855	38.82	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	824130	36.36	ng	97
84) Di-n-octyl phthalate	14.37	149	1228484	31.49	ng	95
85) Indeno(1,2,3-cd)pyrene	16.35	276	942518	33.66	ng	96
87) Benzo(b)fluoranthene	14.74	252	924630m	31.67	ng	
88) Benzo(k)fluoranthene	14.77	252	913493m	41.99	ng	
89) Benzo(a)pyrene	15.06	252	896472	37.19	ng	99
90) Dibenzo(a,h)anthracene	16.37	278	786729	35.93	ng #	96
91) Benzo(g,h,i)perylene	16.72	276	810112	37.90	ng #	93

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



#1

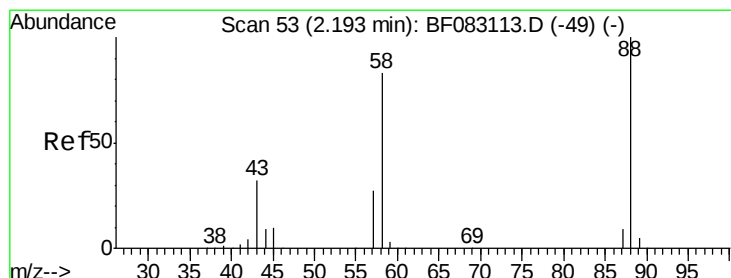
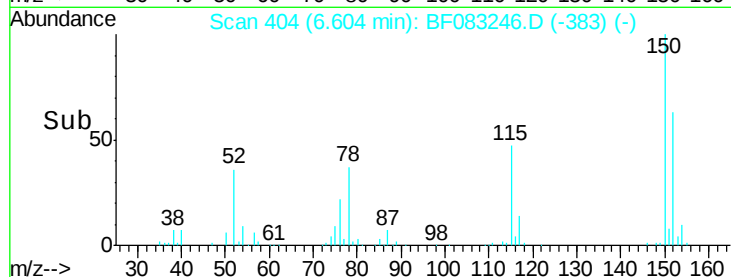
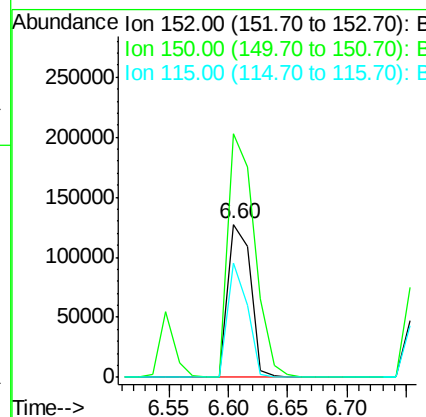
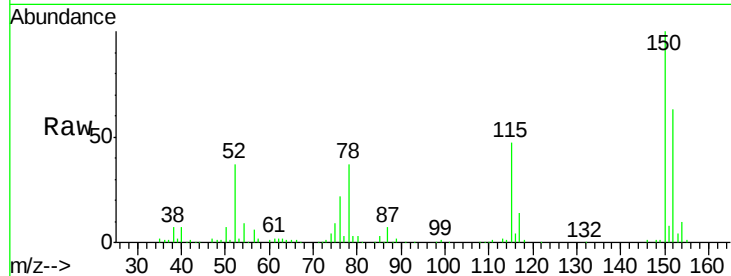
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.8	188.8
115	74.4	46.9	70.3

Manual Integrations
APPROVED

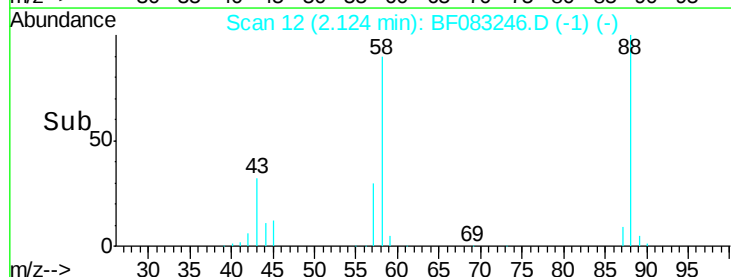
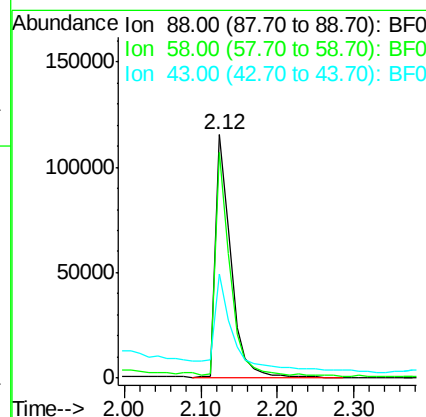
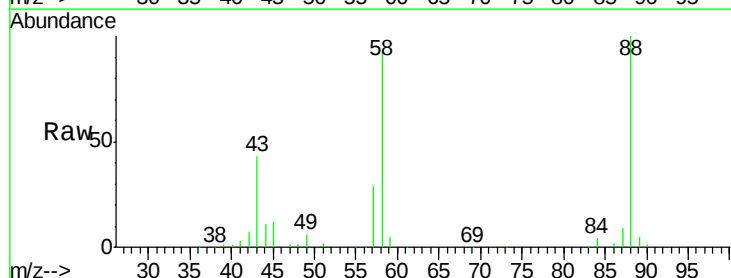
Mmdadoda
11/25/2015 12:54:32 PM

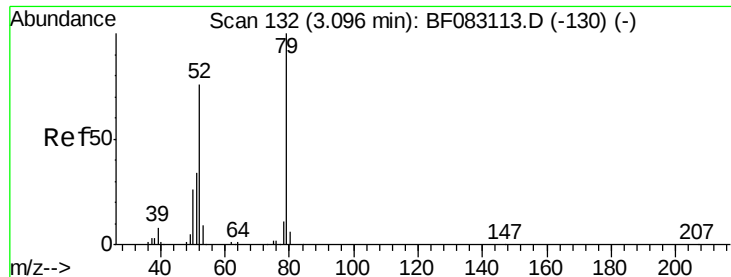


#2

1,4-Dioxane
Concen: 29.13 ng
RT: 2.12 min Scan# 12
Delta R.T. -0.07 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	65.0	97.6
43	55.6	24.7	37.1





#3

Pyridine

Concen: 35.92 ng m

RT: 2.76 min Scan# 68

Delta R.T. -0.33 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

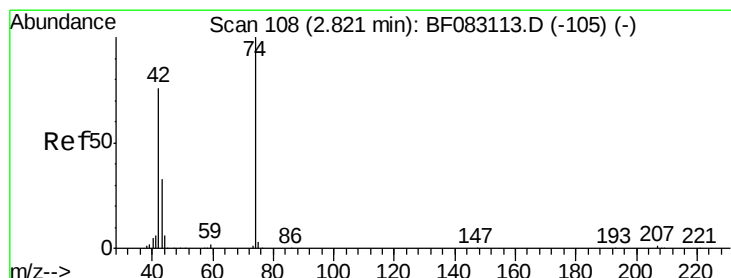
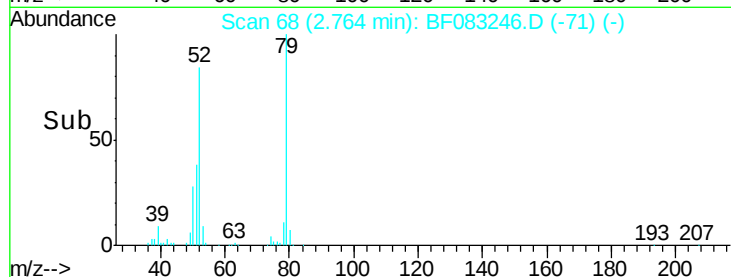
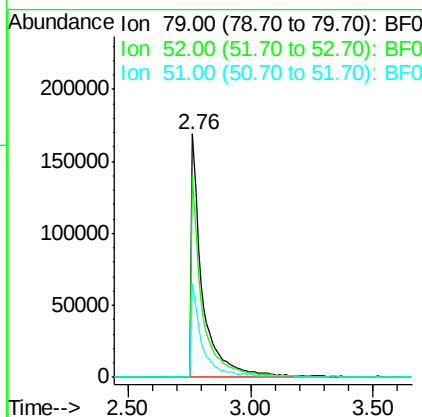
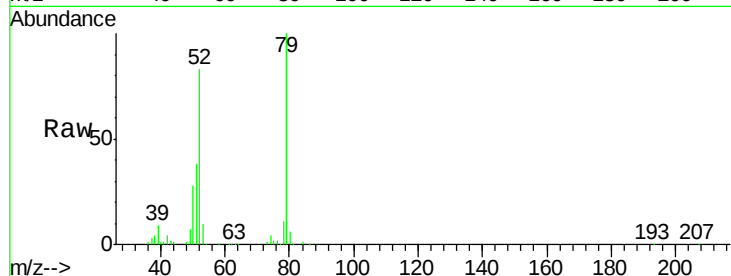
ClientSampleId :

PB86825BS

Tgt Ion:	79	Resp:	524262
Ion Ratio	Lower	Upper	
79	100		
52	82.7	60.7	91.1
51	38.4	27.9	41.9

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#4

n-Nitrosodimethylamine

Concen: 39.02 ng

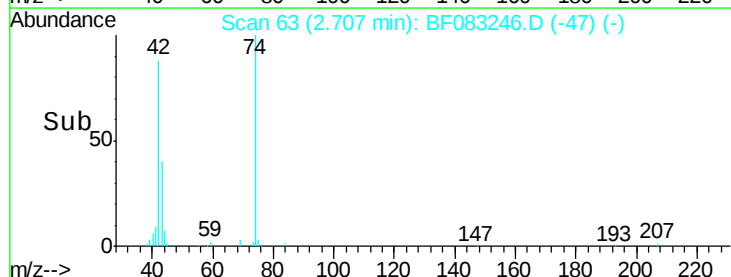
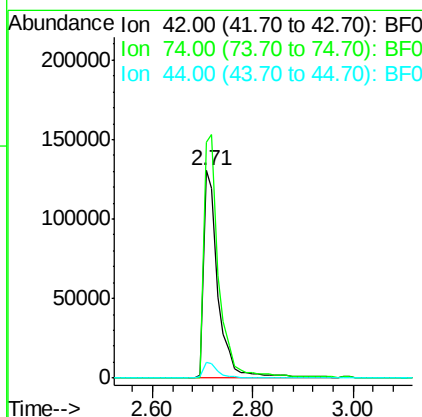
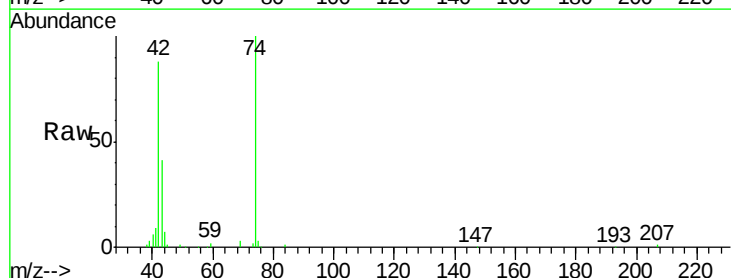
RT: 2.71 min Scan# 63

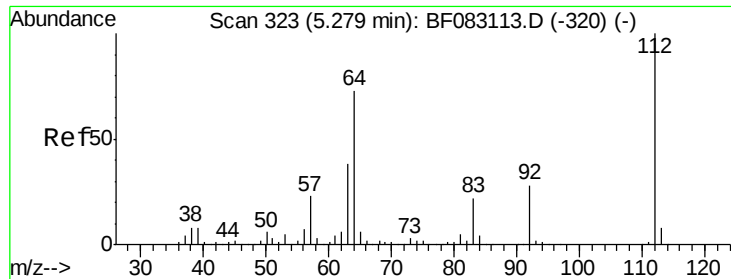
Delta R.T. -0.11 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:	42	Resp:	262695
Ion Ratio	Lower	Upper	
42	100		
74	114.1	104.8	157.2
44	7.8	6.2	9.4





#5

2-Fluorophenol

Concen: 114.55 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083246.D

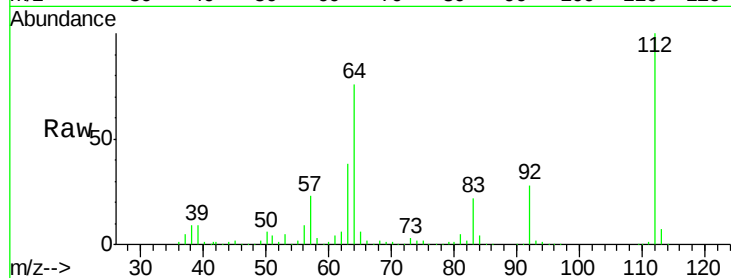
Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS



Tgt Ion: 112 Resp: 1277887

Ion Ratio Lower Upper

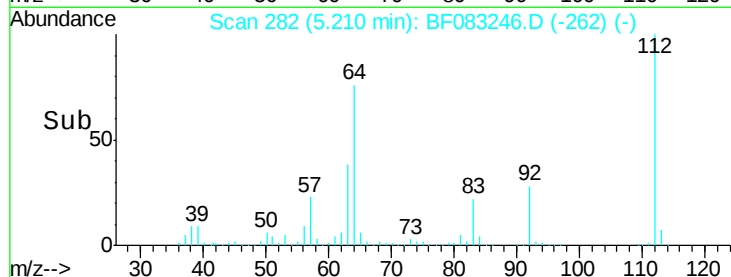
112 100

64 76.2 58.4 87.6

63 37.9 30.0 45.0

Manual Integrations
APPROVED

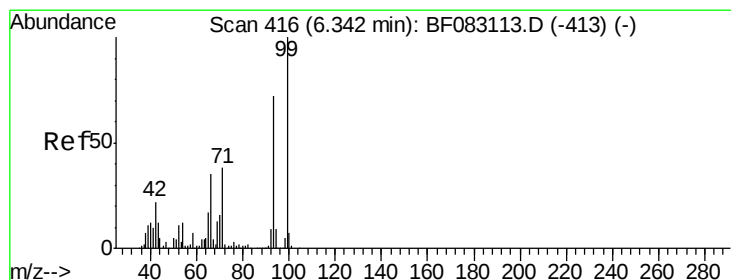
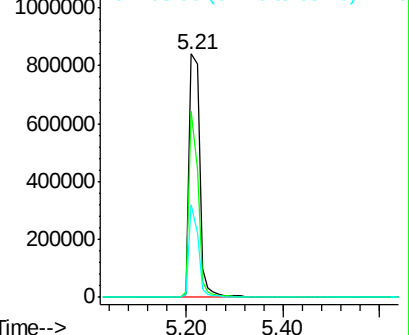
Mmdadoda
11/25/2015 12:54:32 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.59 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

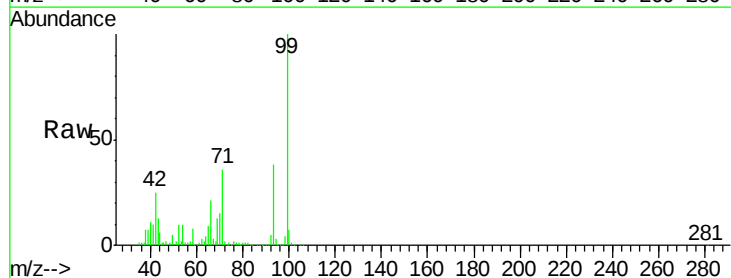
Tgt Ion: 93 Resp: 416187

Ion Ratio Lower Upper

93 100

66 56.0 38.7 58.1

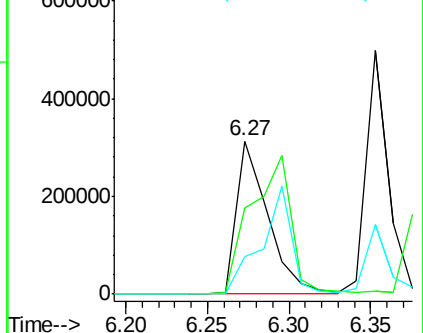
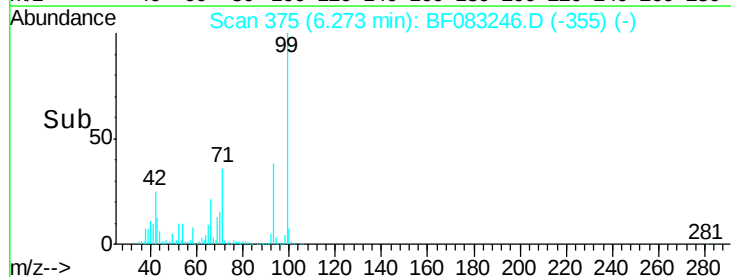
65 24.3 18.6 27.8

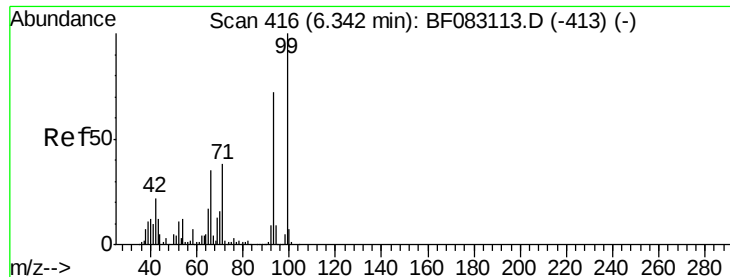


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.97 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt Ion: 99 Resp: 1746099

Ion Ratio Lower Upper

99 100

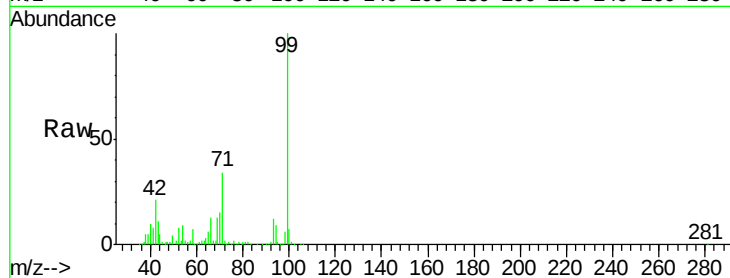
42 20.9 17.7 26.5

71 33.7 30.2 45.4

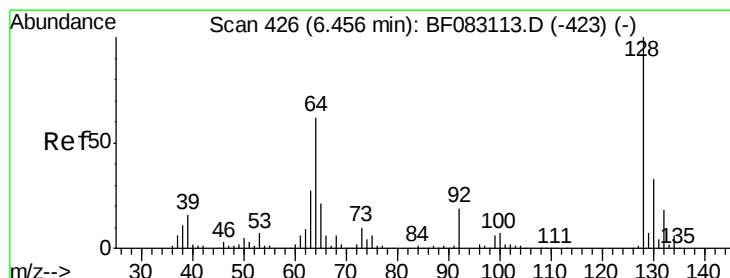
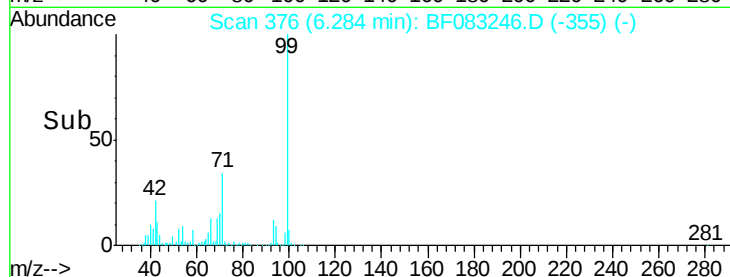
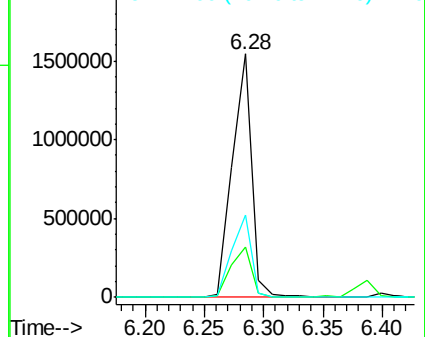
Manual Integrations
APPROVED

Mmdadoda

11/25/2015 12:54:32 PM



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



#8

2-Chlorophenol

Concen: 36.94 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

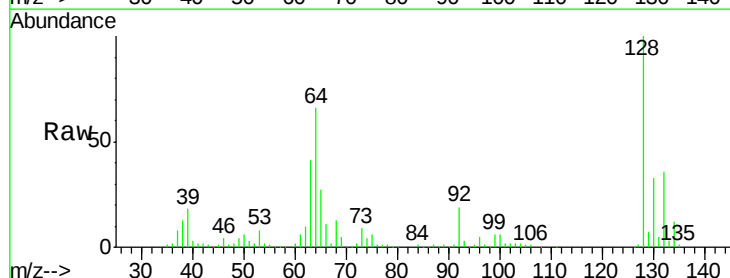
Tgt Ion: 128 Resp: 445200

Ion Ratio Lower Upper

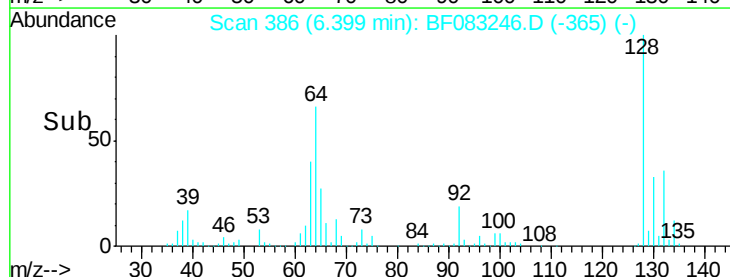
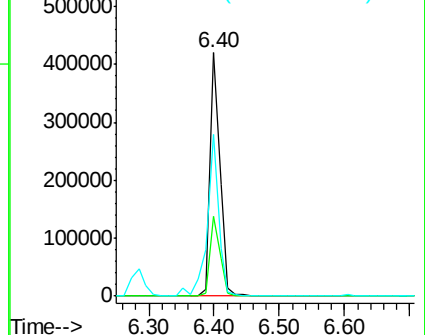
128 100

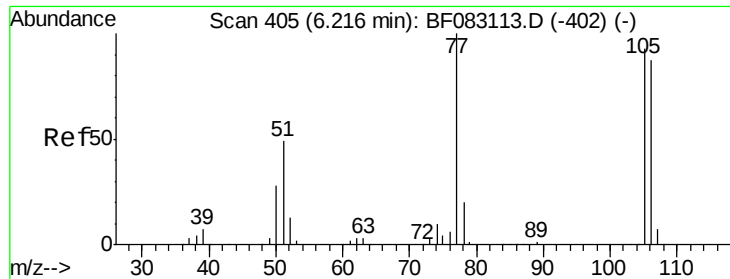
130 32.6 12.6 52.6

64 66.5 41.9 81.9



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





#9

Benzaldehyde

Concen: 35.70 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

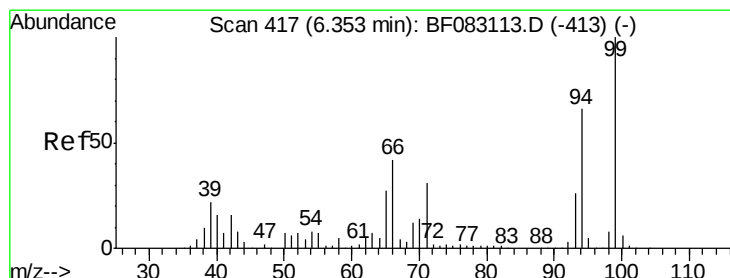
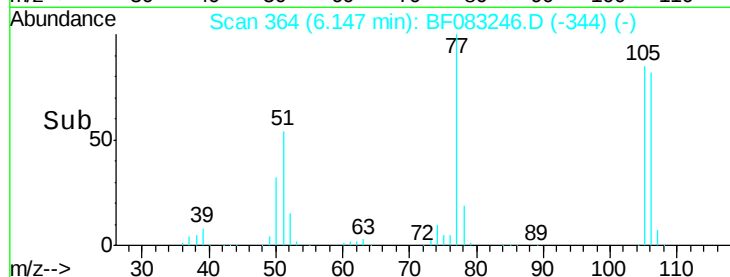
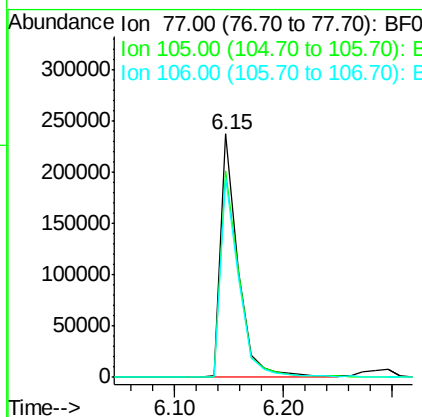
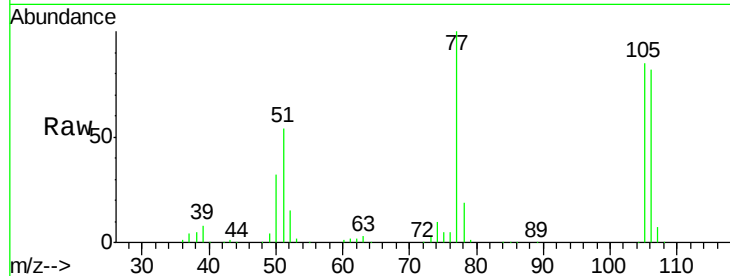
ClientSampleId :

PB86825BS

Tgt Ion:	77	Resp:	266515
Ion Ratio	Lower	Upper	
77	100		
105	84.6	73.4	113.4
106	82.3	67.5	107.5

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#10

Phenol

Concen: 39.14 ng

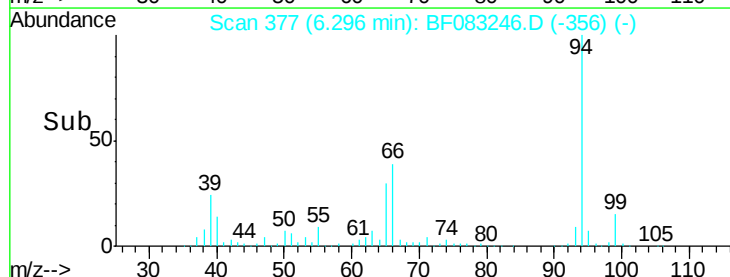
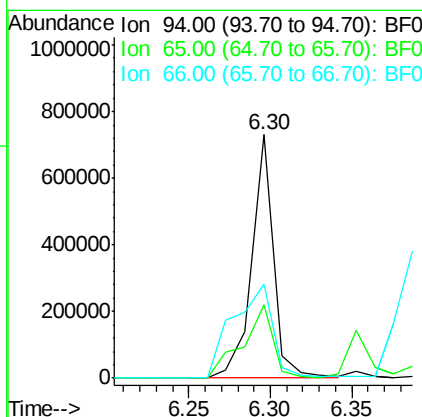
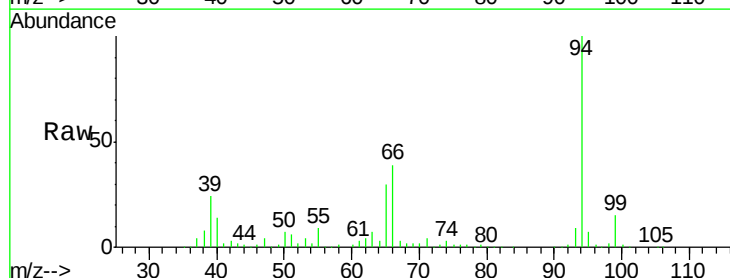
RT: 6.30 min Scan# 377

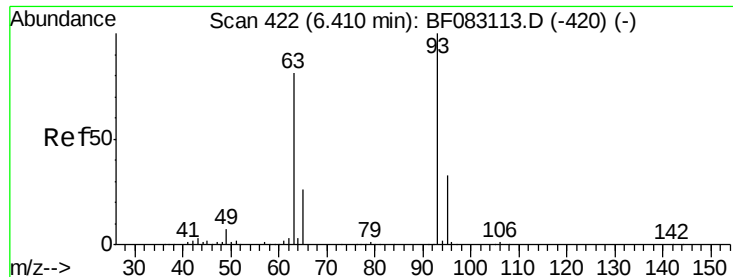
Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:	94	Resp:	683498
Ion Ratio	Lower	Upper	
94	100		
65	30.3	21.1	61.1
66	38.7	43.1	83.1#





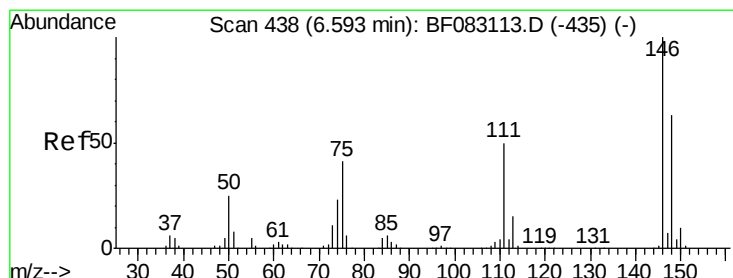
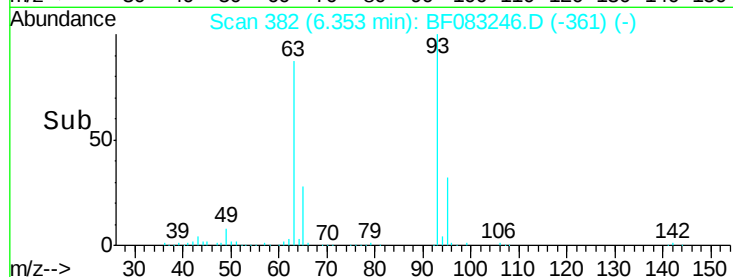
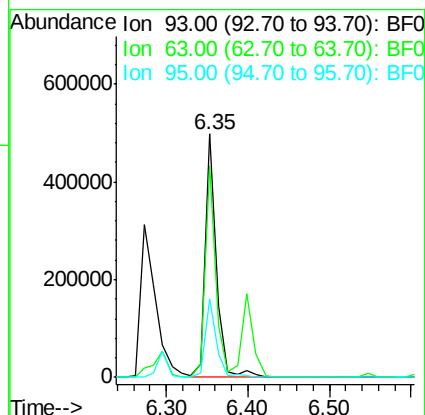
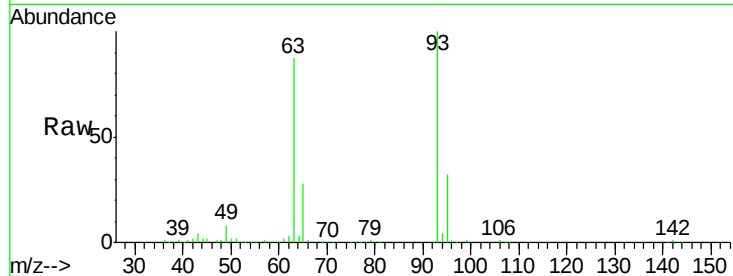
#11
bis(2-Chloroethyl)ether
Concen: 39.07 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion:	93	Resp:	487156
Ion	Ratio	Lower	Upper
93	100		
63	86.9	59.8	99.8
95	32.2	13.0	53.0

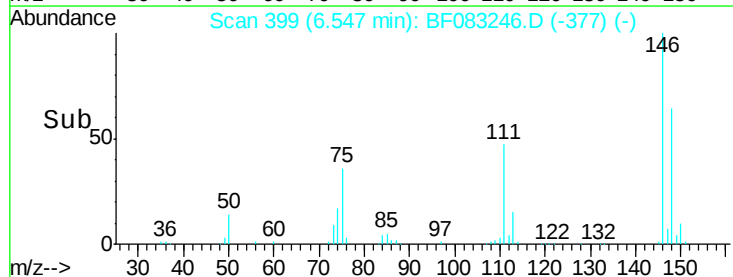
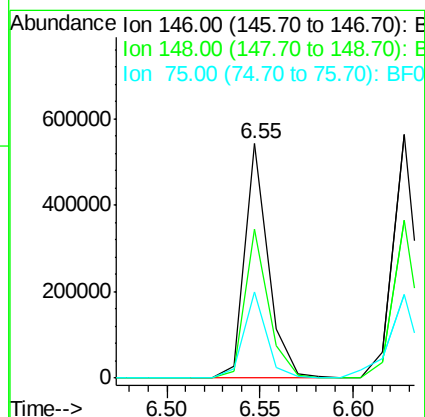
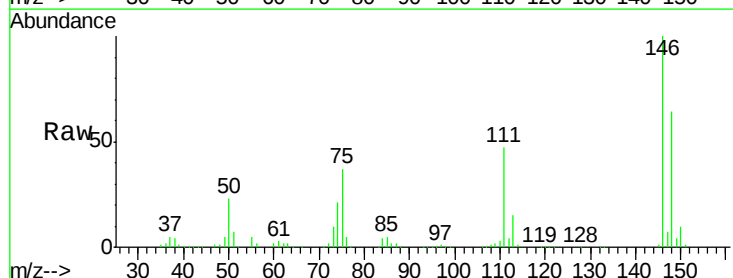
Manual Integrations
APPROVED

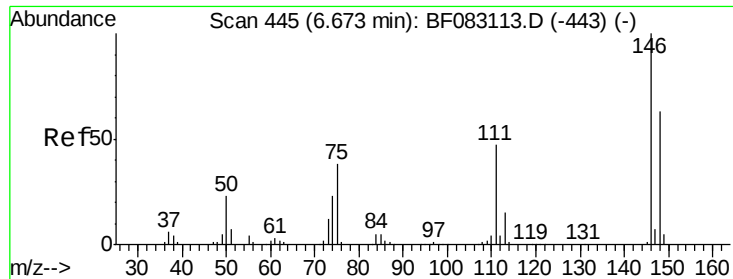
Mmdadoda
11/25/2015 12:54:32 PM



#12
1,3-Dichlorobenzene
Concen: 34.87 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:	146	Resp:	479959
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.2
75	37.0	32.7	49.1





#13

1,4-Dichlorobenzene

Concen: 35.76 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

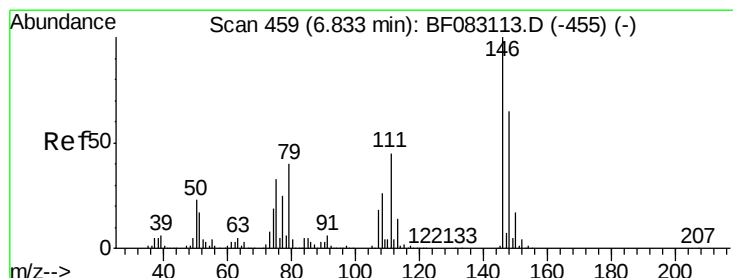
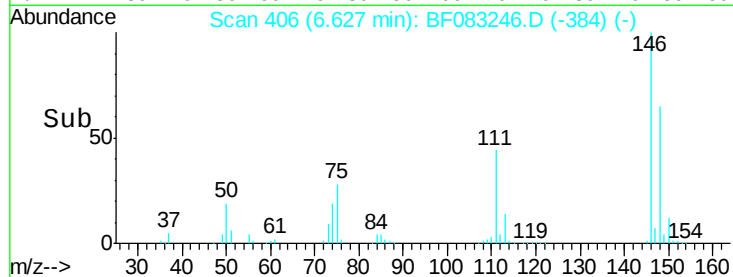
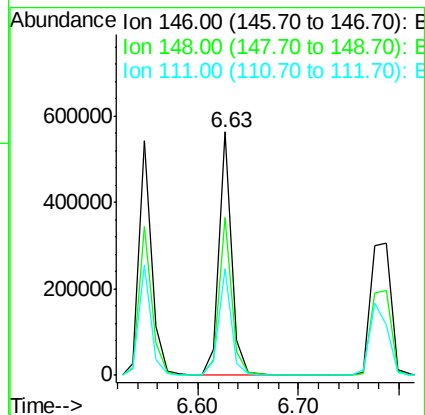
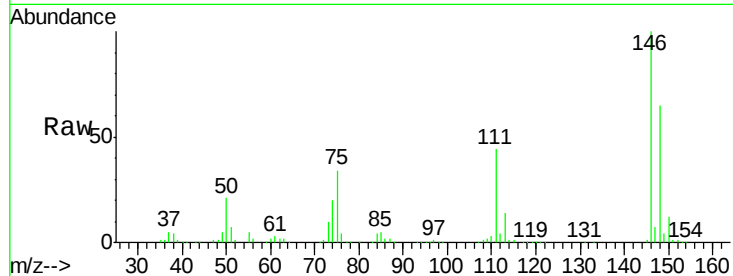
ClientSampleId :

PB86825BS

Tgt Ion:	146	Resp:	497855
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.2	75.2
111	43.8	37.5	56.3

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#14

1,2-Dichlorobenzene

Concen: 34.14 ng

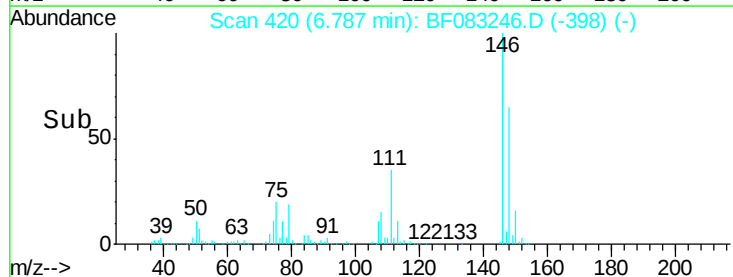
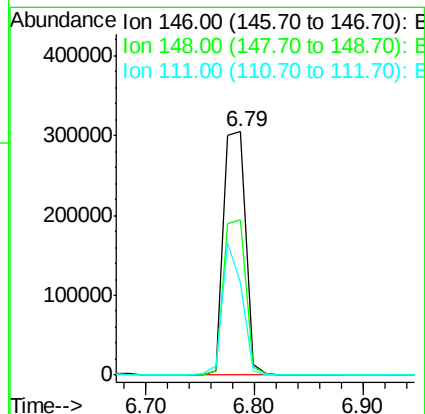
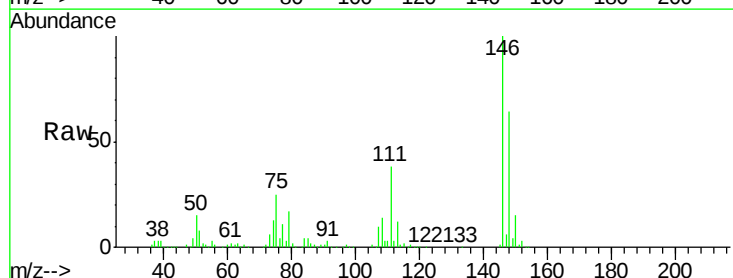
RT: 6.79 min Scan# 420

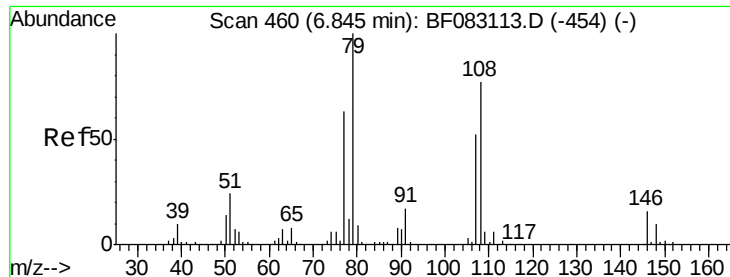
Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:	146	Resp:	431982
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
111	37.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 37.65 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.07 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

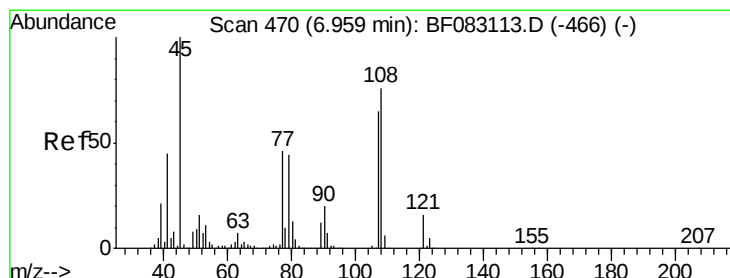
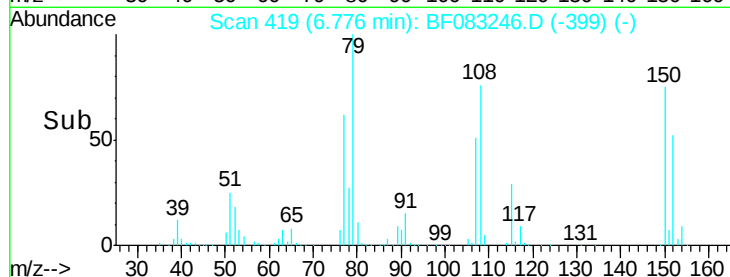
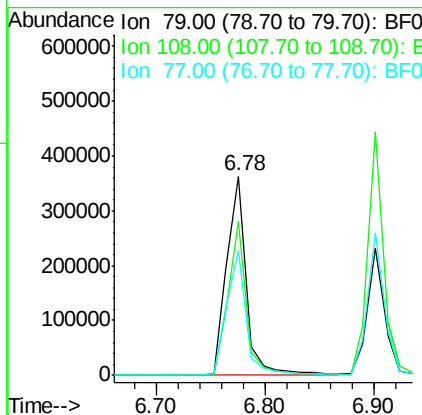
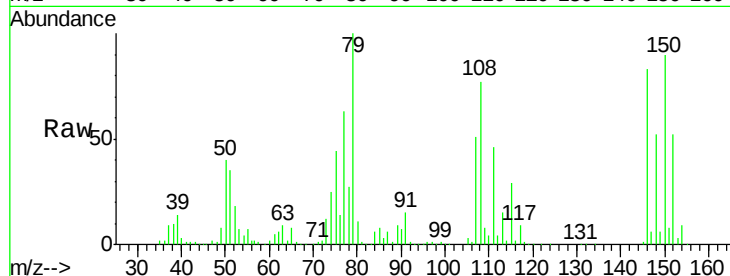
ClientSampleId :

PB86825BS

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM

Tgt Ion:	79	Resp:	454153
Ion Ratio	Lower	Upper	
79	100		
108	77.3	61.4	92.2
77	62.5	50.5	75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.16 ng

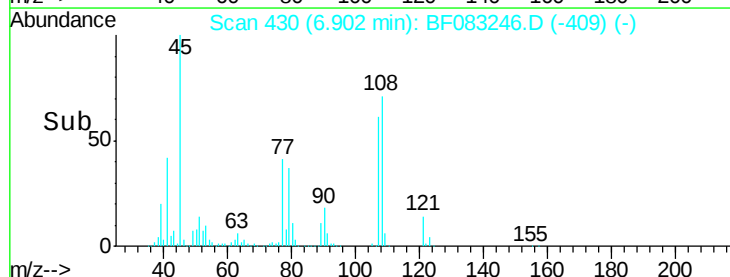
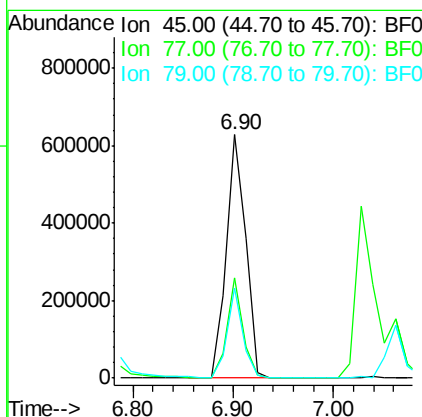
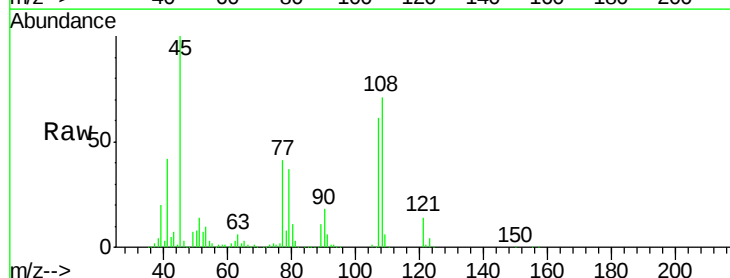
RT: 6.90 min Scan# 430

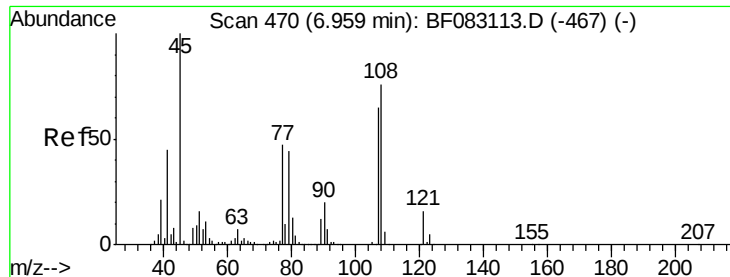
Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:	45	Resp:	839123
Ion Ratio	Lower	Upper	
45	100		
77	41.4	26.7	66.7
79	36.7	24.3	64.3





#17

2-Methylphenol

Concen: 38.70 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.06 min

Lab File: BF083246.D

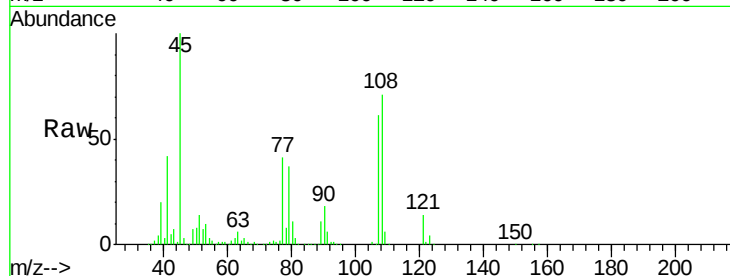
Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS



Tgt Ion:107 Resp: 385992

Ion Ratio Lower Upper

107 100

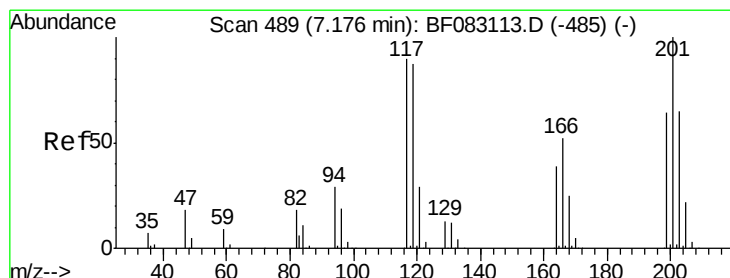
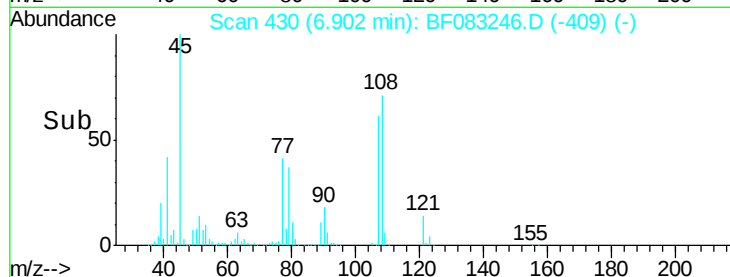
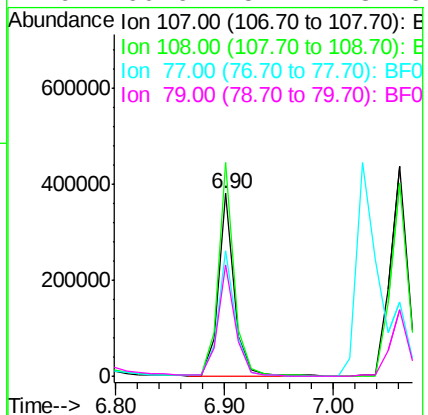
108 116.7 93.8 140.6

77 68.3 57.4 86.0

79 60.6 54.4 81.6

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#18

Hexachloroethane

Concen: 35.28 ng

RT: 7.12 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

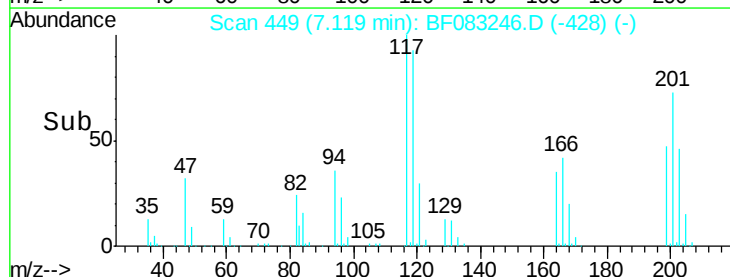
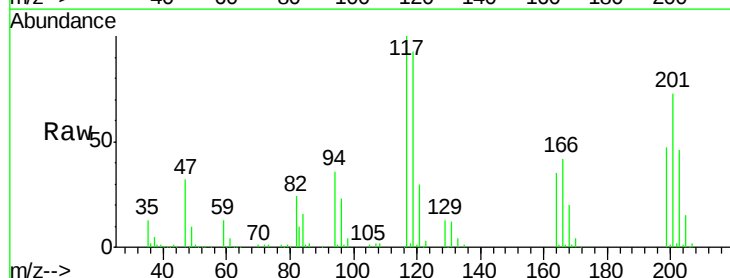
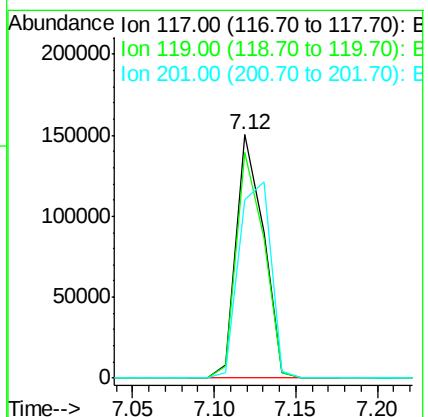
Tgt Ion:117 Resp: 173015

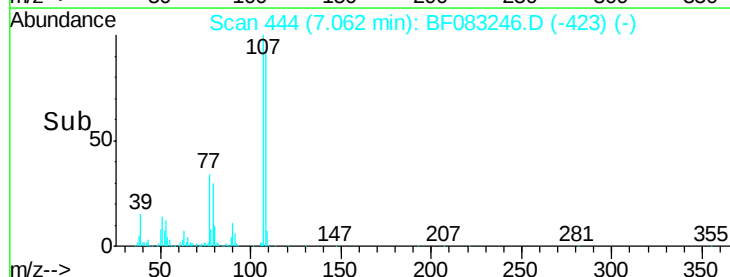
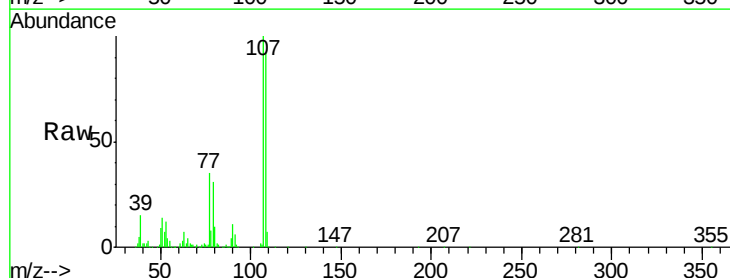
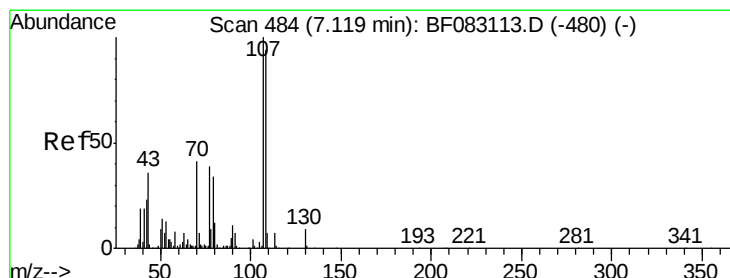
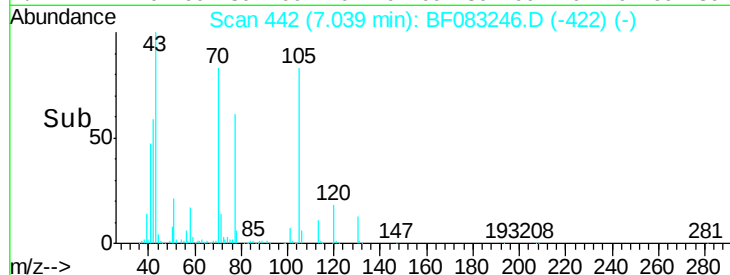
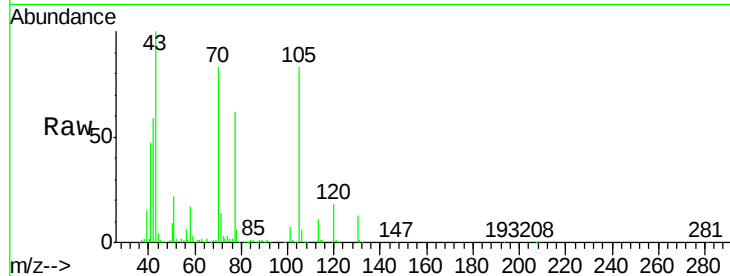
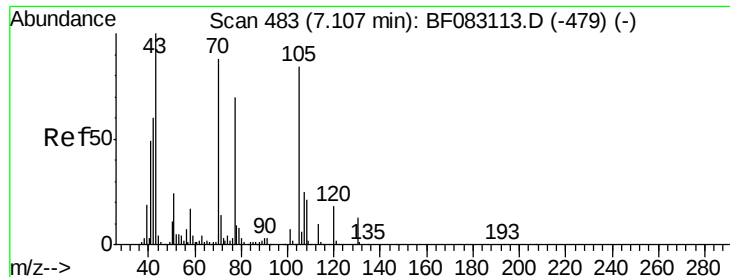
Ion Ratio Lower Upper

117 100

119 92.8 76.8 115.2

201 73.3 88.6 133.0#

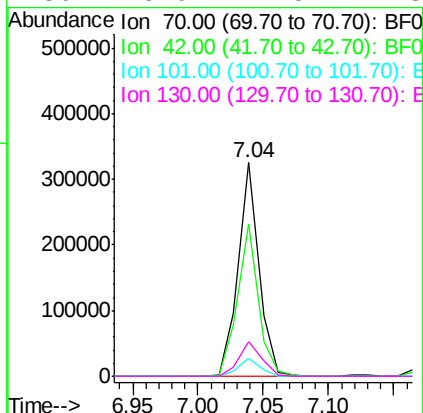




#19
n-Nitroso-di-n-propylamine
Concen: 35.86 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	71.1	54.5	81.7
101	8.3	6.6	9.8
130	15.9	11.5	17.3

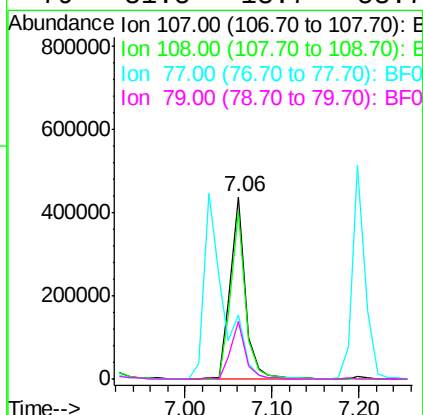


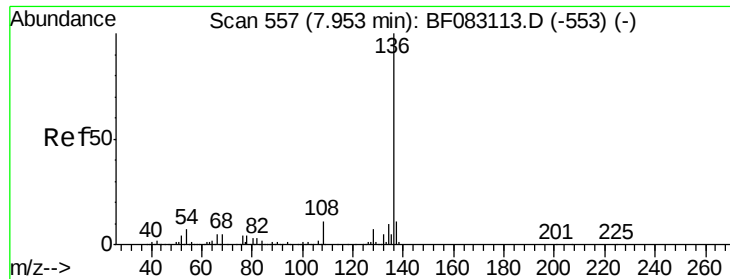
Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM

#20
3+4-Methylphenols
Concen: 41.35 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	92.3	73.8	113.8
77	35.2	19.1	59.1
79	31.5	13.7	53.7





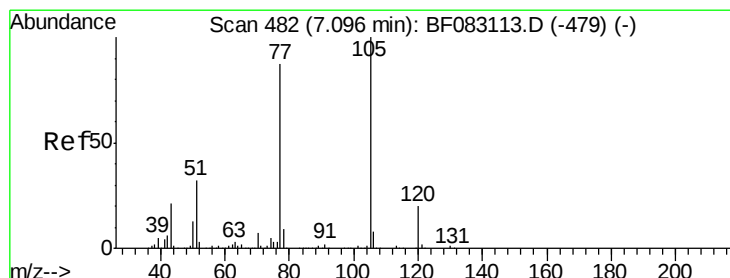
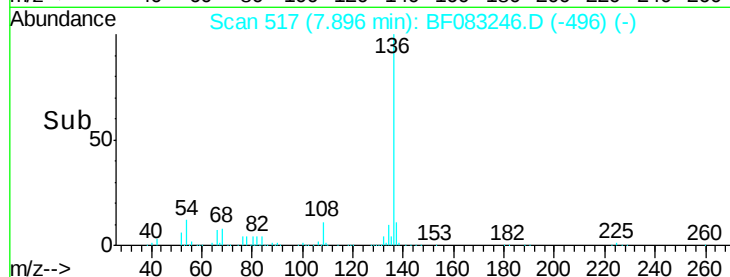
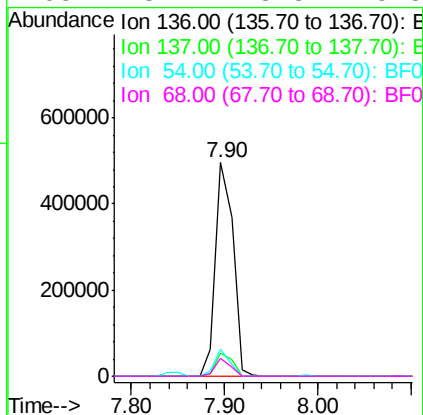
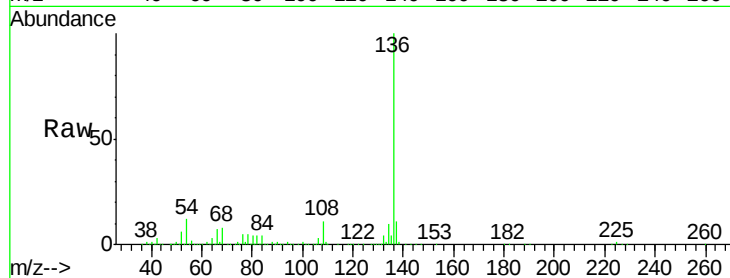
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	649768		
137	11.1	8.7	13.1	
54	12.5	5.8	8.6#	
68	8.1	3.8	5.8#	

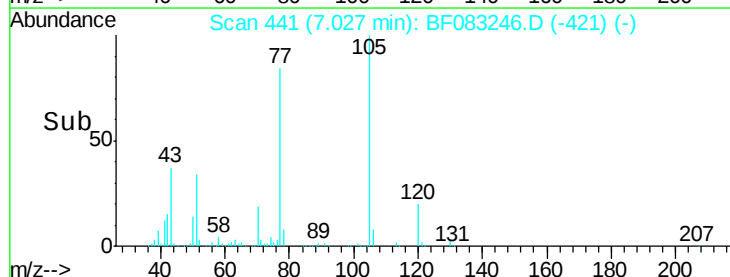
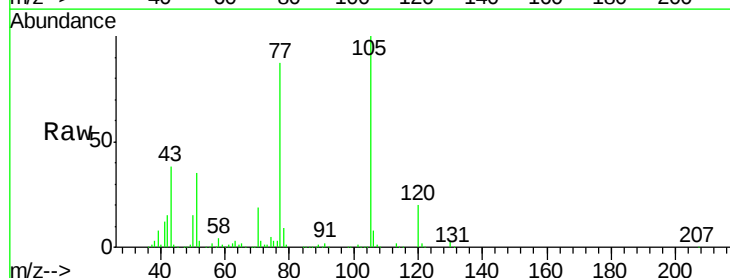
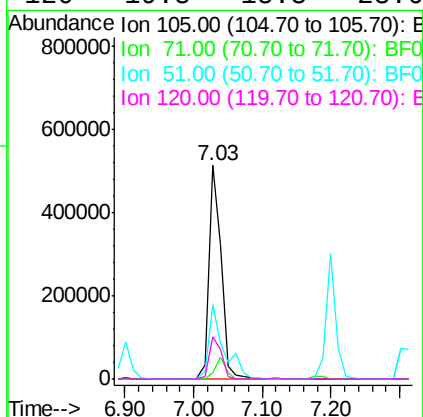
Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#22
Acetophenone
Concen: 34.12 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	636537		
71	3.2	1.0	1.4#	
51	34.6	25.6	38.4	
120	19.8	15.8	23.6	





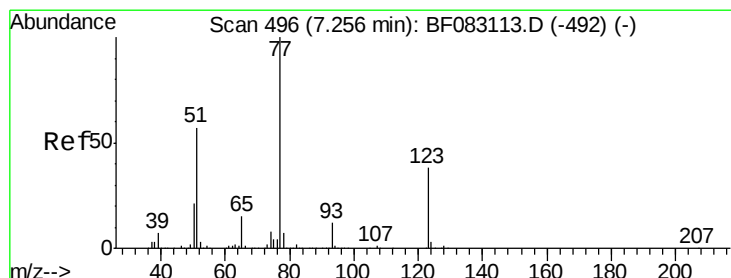
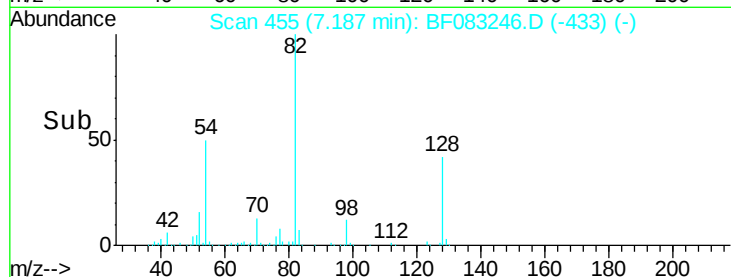
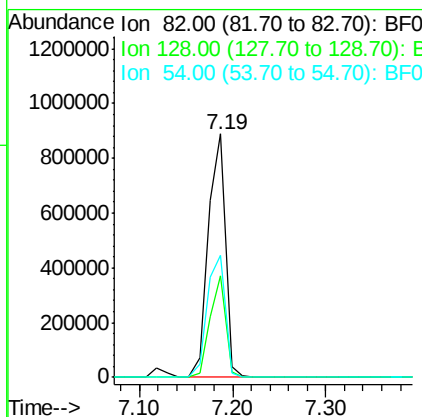
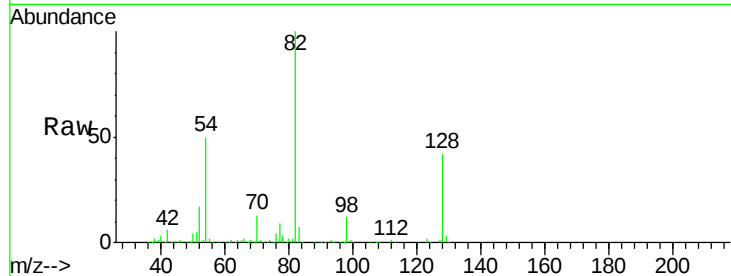
#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 7.19 min Scan# 455
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion: 82 Resp: 1137483
 Ion Ratio Lower Upper
 82 100
 128 41.9 28.5 42.7
 54 50.4 44.6 67.0

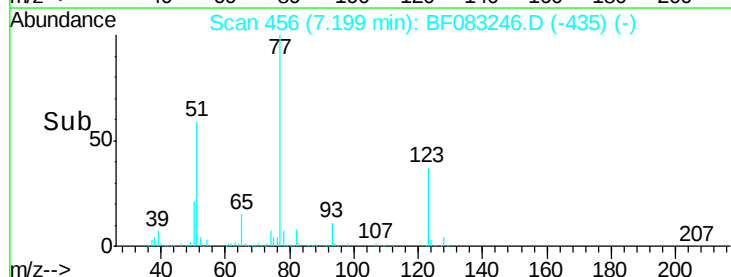
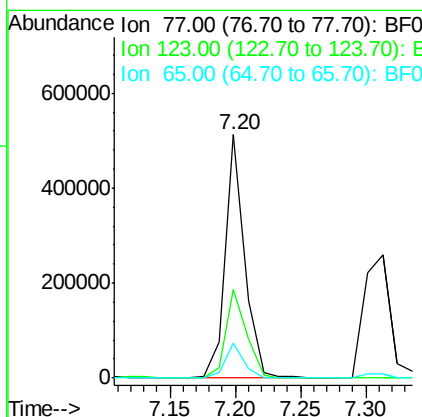
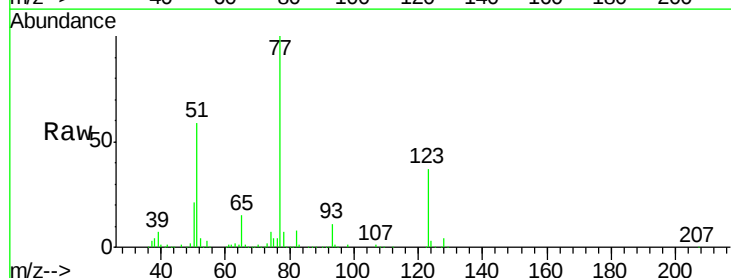
Manual Integrations
 APPROVED

Mmdadoda
 11/25/2015 12:54:32 PM



#24
 Nitrobenzene
 Concen: 34.67 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion: 77 Resp: 526711
 Ion Ratio Lower Upper
 77 100
 123 36.6 30.1 45.1
 65 14.5 11.6 17.4





#25

Isophorone

Concen: 35.99 ng

RT: 7.45 min Scan# 478

Delta R.T. -0.08 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

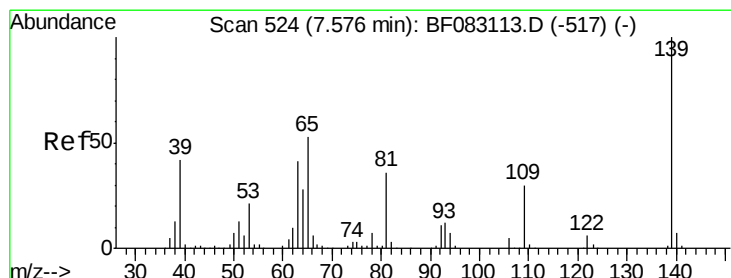
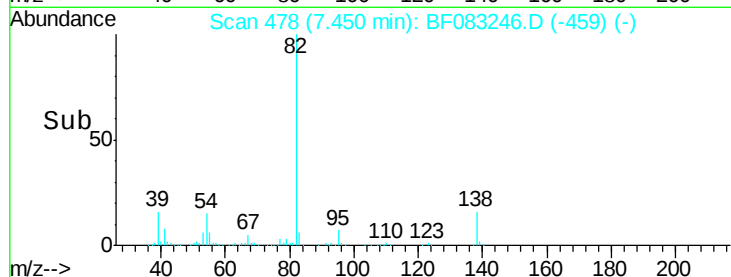
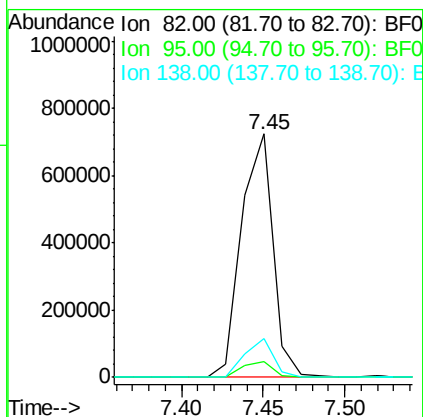
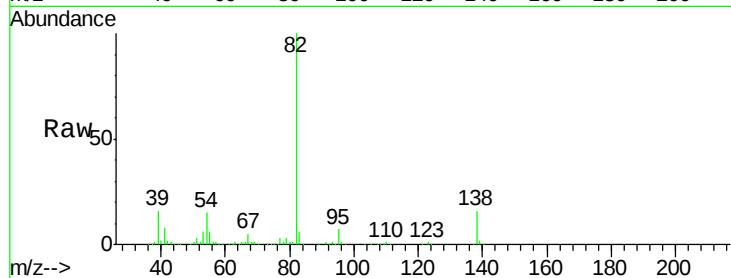
ClientSampleId :

PB86825BS

Tgt Ion:	82	Resp:	969120
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.8	8.8
138	15.7	11.6	17.4

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#26

2-Nitrophenol

Concen: 33.47 ng

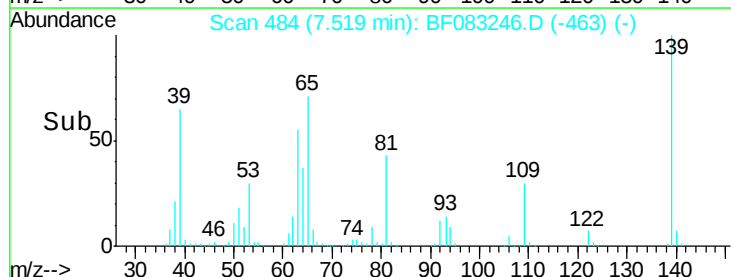
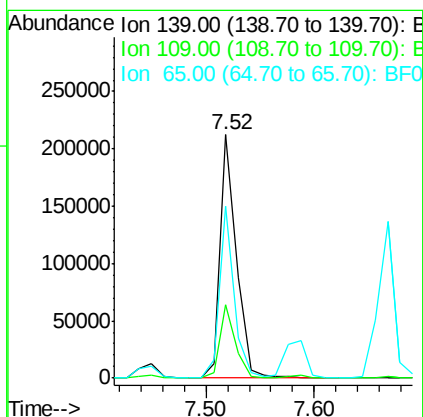
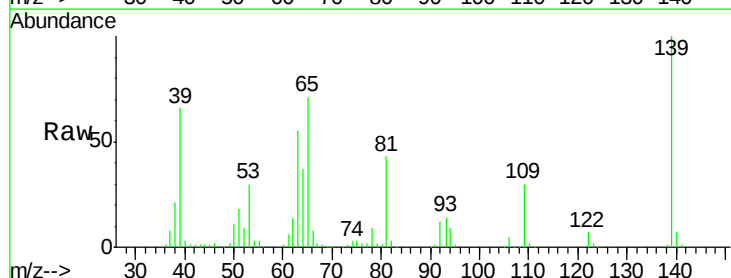
RT: 7.52 min Scan# 484

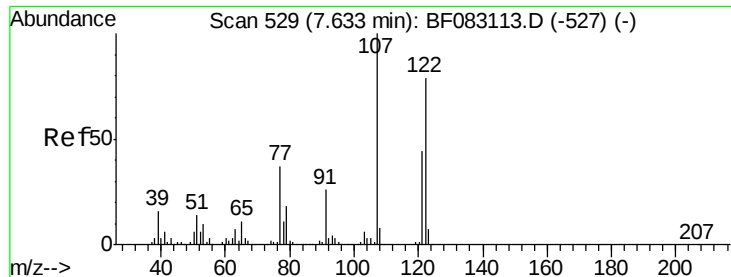
Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:	139	Resp:	224539
Ion Ratio	Lower	Upper	
139	100		
109	30.1	23.9	35.9
65	70.7	42.7	64.1#





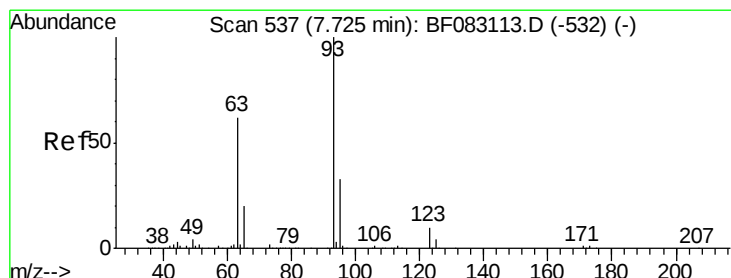
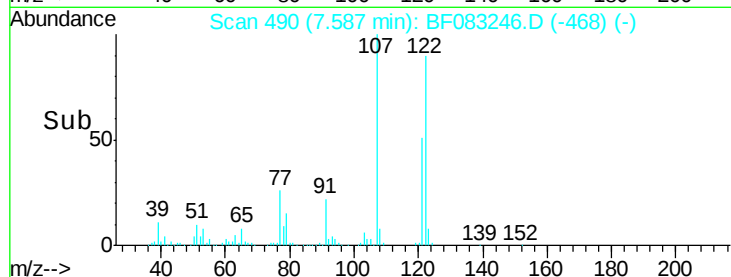
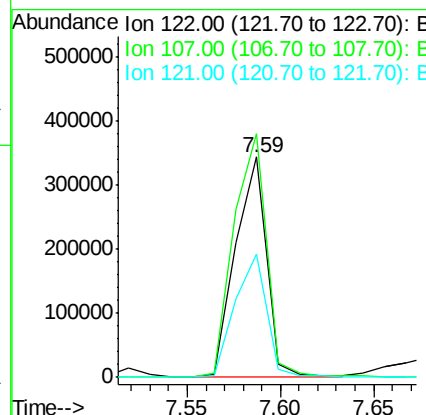
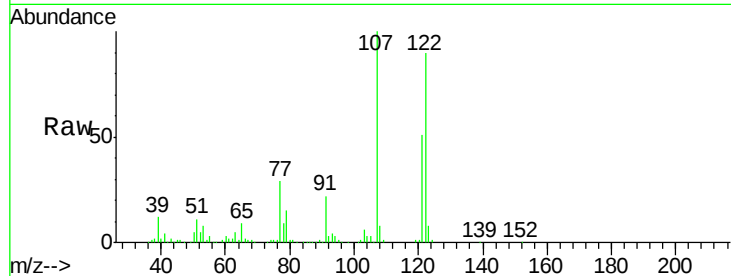
#27
 2,4-Dimethylphenol
 Concen: 37.70 ng
 RT: 7.59 min Scan# 490
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	403558		
107	110.6	101.1	151.7	
121	56.2	44.9	67.3	

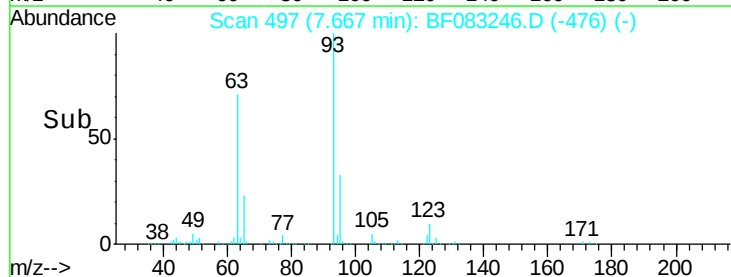
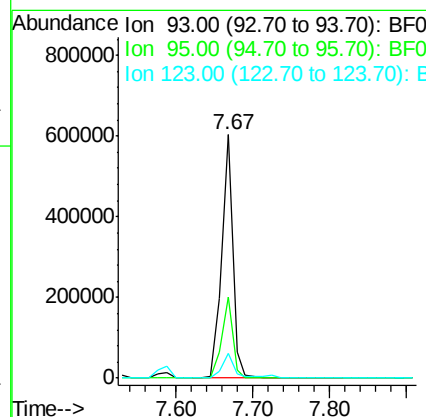
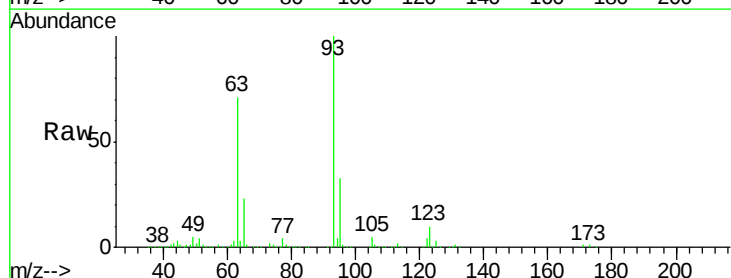
Manual Integrations
 APPROVED

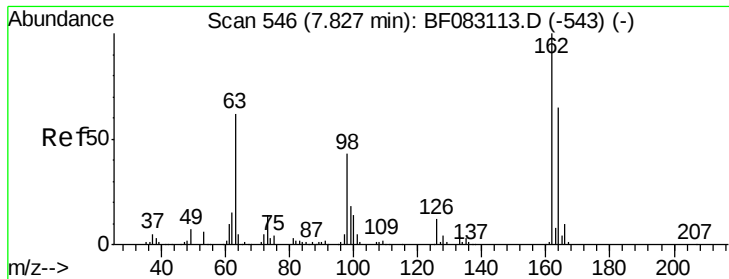
Mmdadoda
 11/25/2015 12:54:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.96 ng
 RT: 7.67 min Scan# 497
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	609864		
95	33.3	26.5	39.7	
123	10.0	8.1	12.1	





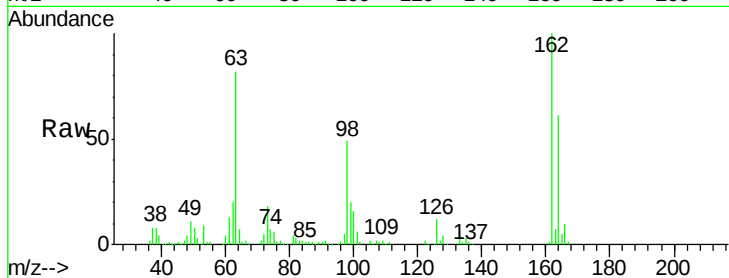
#29
2,4-Dichlorophenol
Concen: 36.96 ng
RT: 7.77 min Scan# 506
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

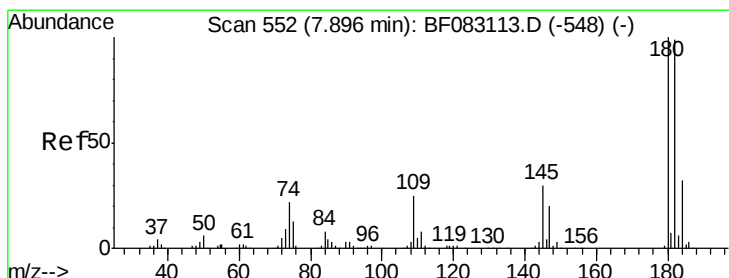
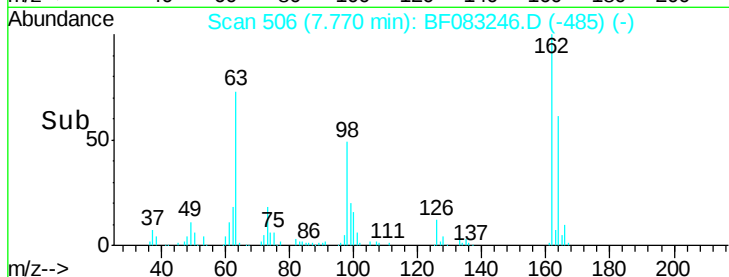
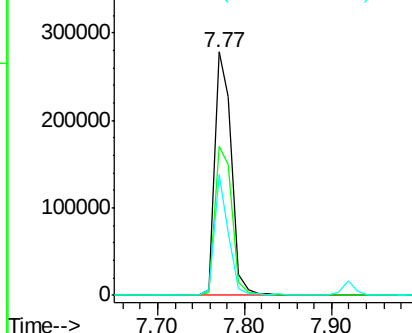
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	376354		
164	61.4	44.8	84.8	
98	49.4	23.1	63.1	

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM

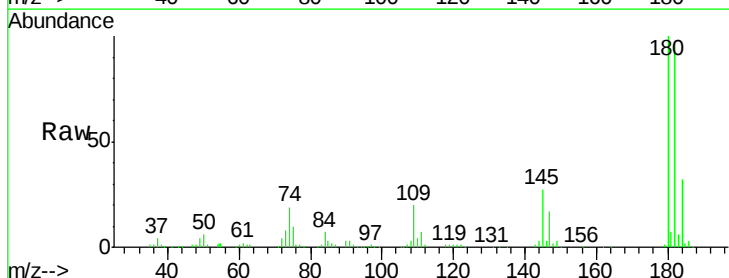


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

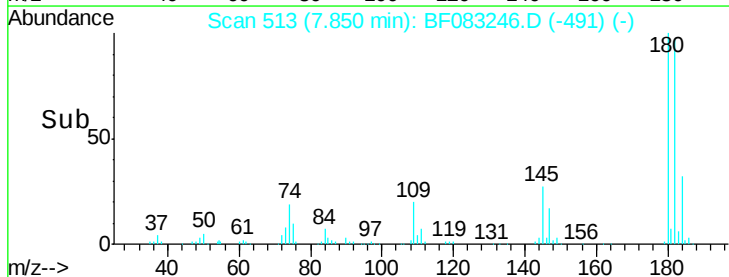
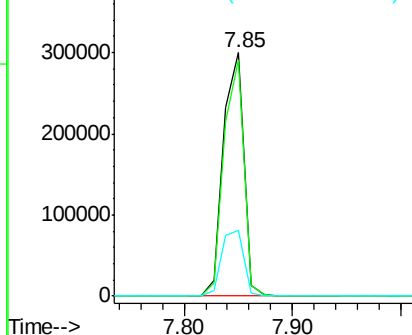


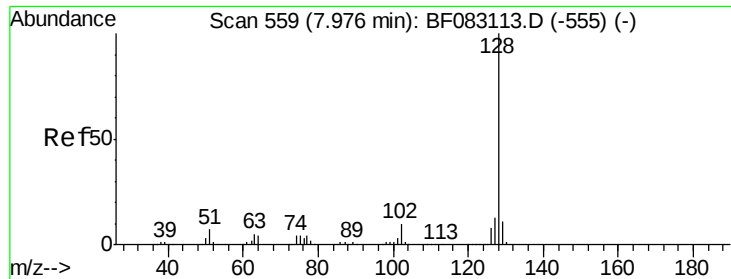
#30
1,2,4-Trichlorobenzene
Concen: 35.00 ng
RT: 7.85 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391452		
182	96.7	79.0	118.6	
145	26.9	24.2	36.2	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





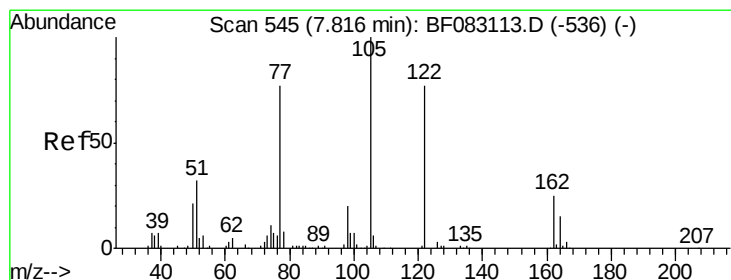
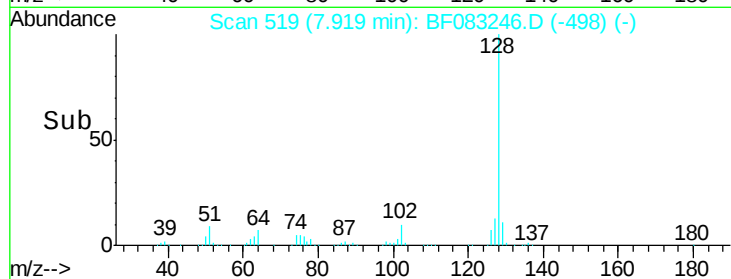
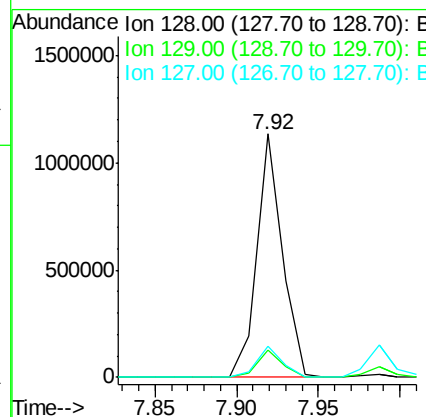
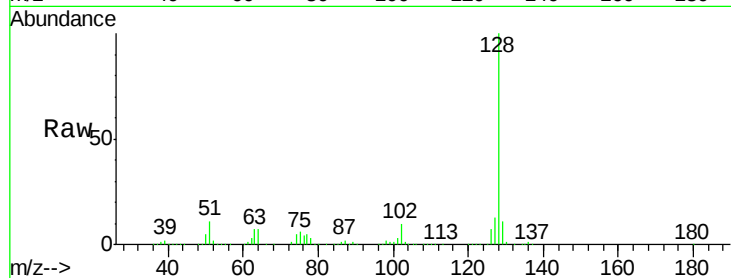
#31
Naphthalene
Concen: 35.24 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion:128 Resp: 1235813
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.0 10.6 15.8

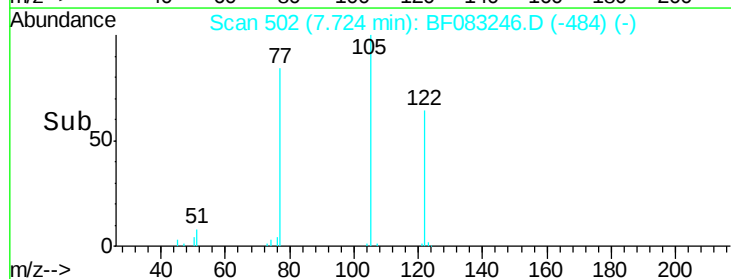
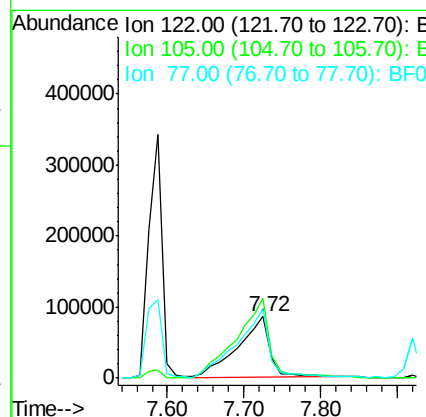
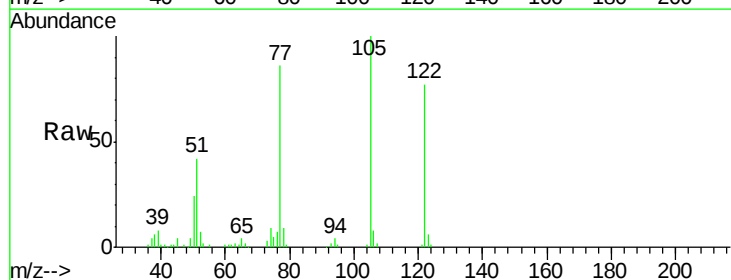
Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#32
Benzoic acid
Concen: 30.16 ng
RT: 7.72 min Scan# 502
Delta R.T. -0.09 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion:122 Resp: 250962
Ion Ratio Lower Upper
122 100
105 129.8 109.7 149.7
77 112.0 79.7 119.7





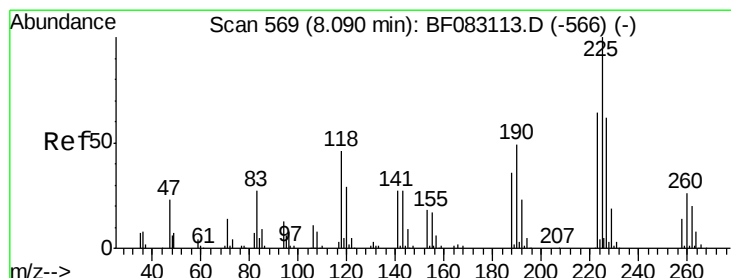
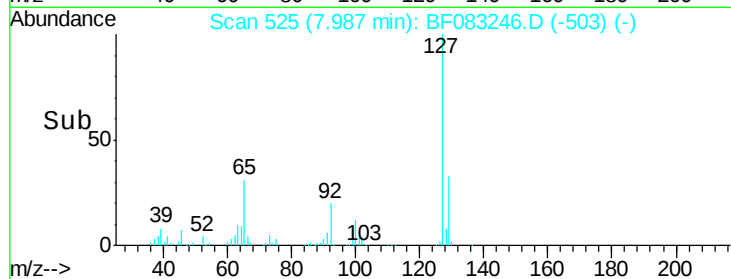
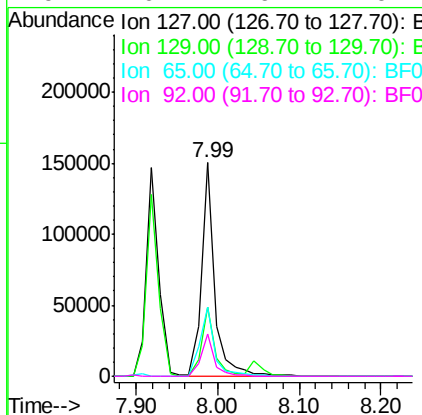
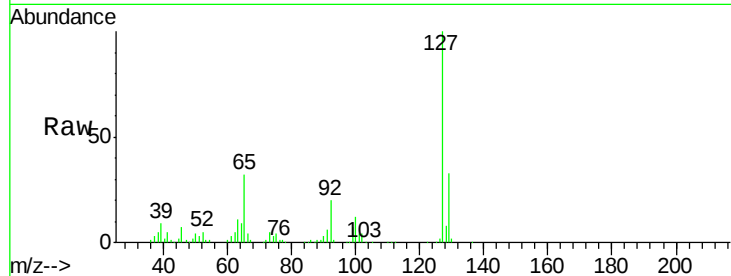
#33
4-Chloroaniline
Concen: 12.62 ng
RT: 7.99 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	171710		
129	32.5	25.7	38.5	
65	32.1	35.5	53.3	
92	20.1	19.4	29.2	

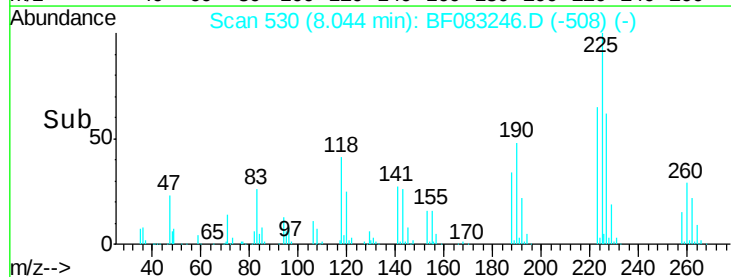
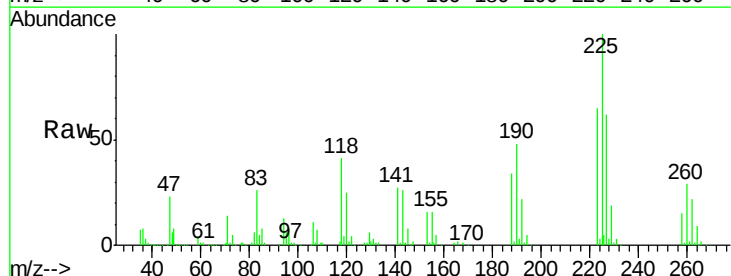
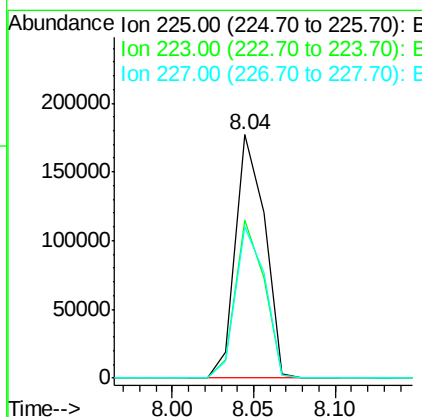
Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#34
Hexachlorobutadiene
Concen: 33.17 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219234		
223	64.6	51.3	76.9	
227	62.5	49.8	74.8	





#35

Caprolactam

Concen: 37.74 ng m

RT: 8.35 min Scan# 557

Delta R.T. -0.14 min

Lab File: BF083246.D

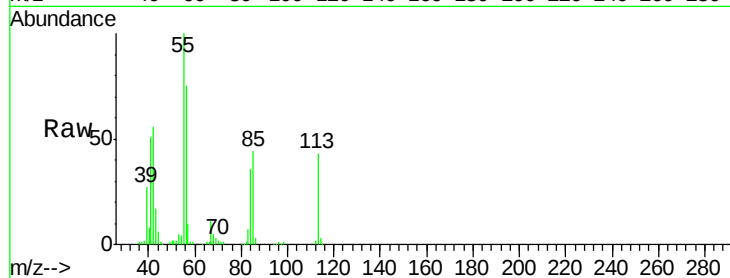
Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

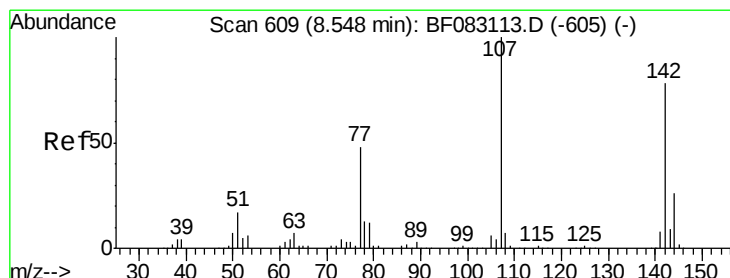
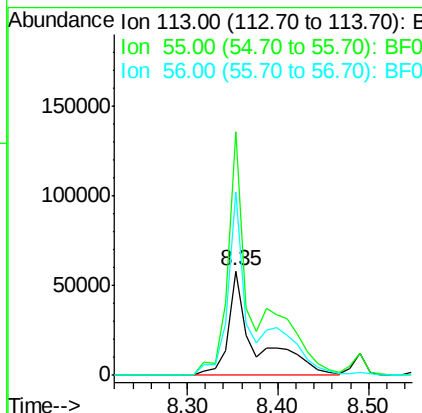
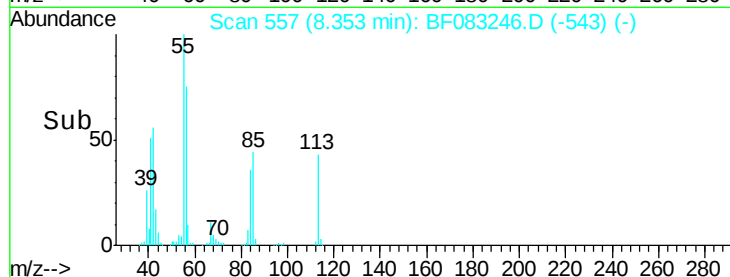
PB86825BS



Tgt Ion:	113	Resp:	123144
Ion Ratio	Lower	Upper	
113	100		
55	232.9	192.6	232.6#
56	175.1	148.6	188.6

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#36

4-Chloro-3-methylphenol

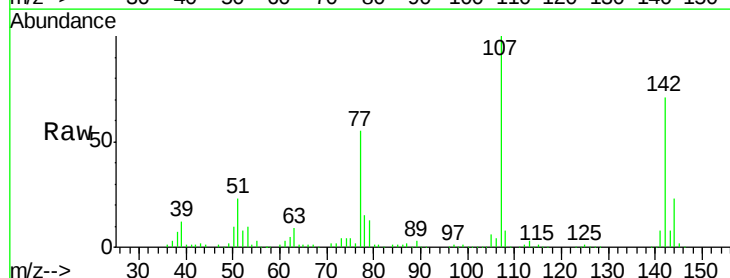
Concen: 37.42 ng

RT: 8.49 min Scan# 569

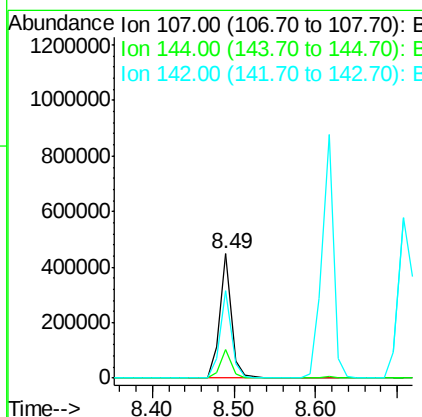
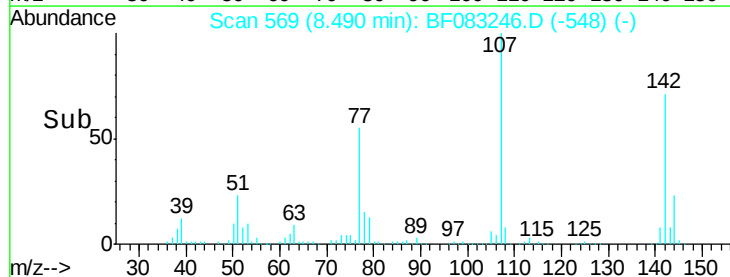
Delta R.T. -0.06 min

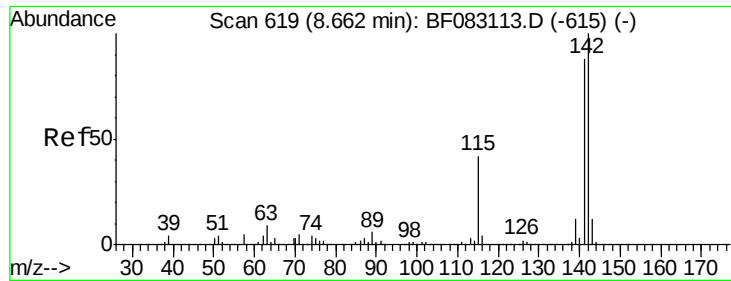
Lab File: BF083246.D

Acq: 24 Nov 2015 19:43



Tgt Ion:	107	Resp:	441362
Ion Ratio	Lower	Upper	
107	100		
144	23.0	20.8	31.2
142	70.6	62.1	93.1





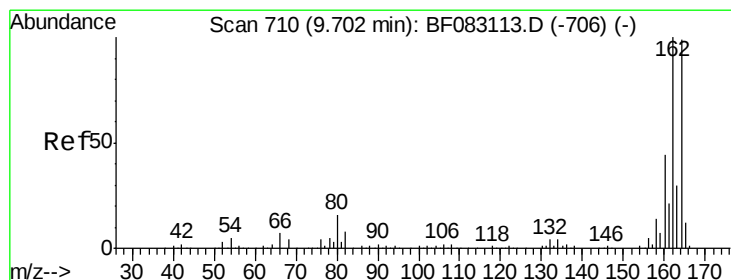
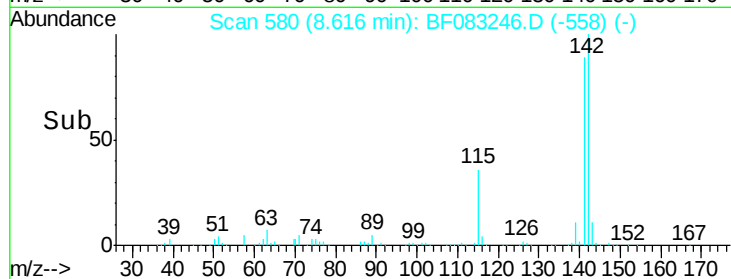
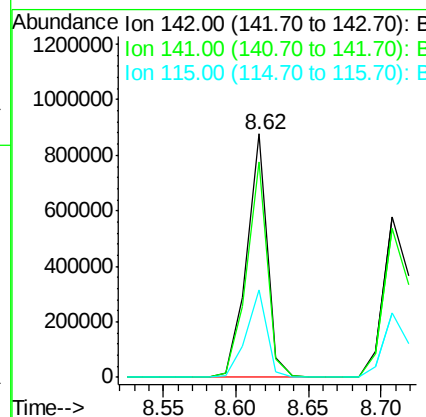
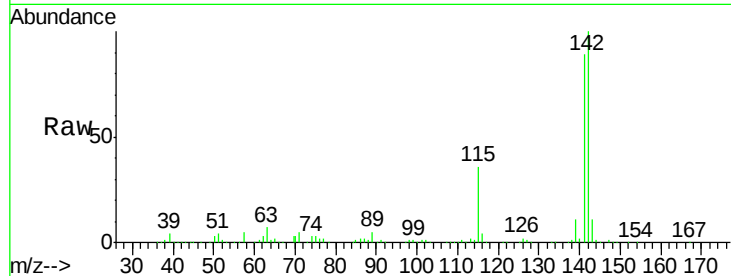
#37
2-Methylnaphthalene
Concen: 37.71 ng
RT: 8.62 min Scan# 580
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	858335		
141	88.5	70.3	105.5	
115	35.9	33.4	50.2	

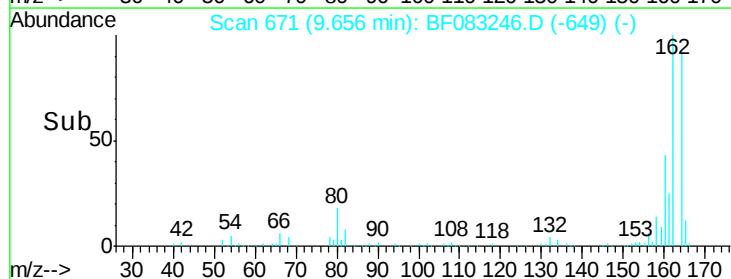
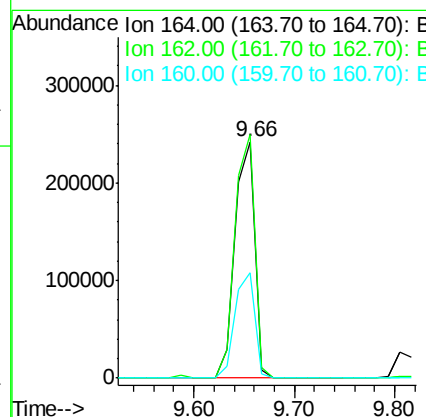
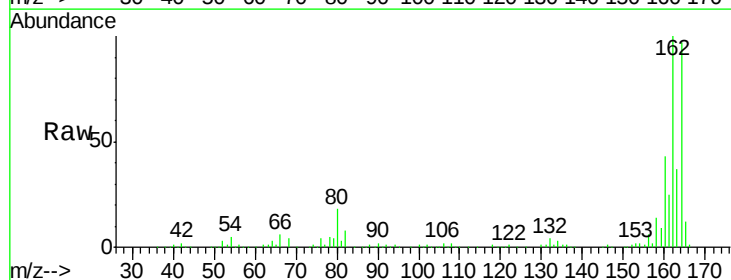
Manual Integrations
APPROVED

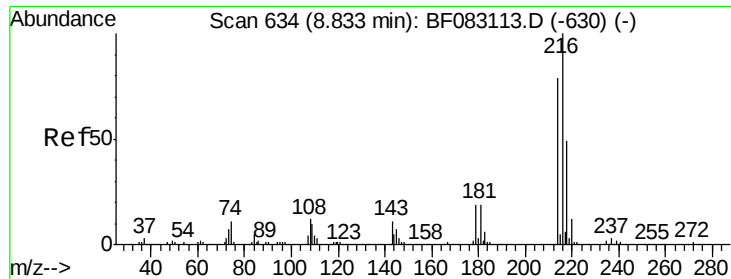
Mmdadoda
11/25/2015 12:54:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	331371		
162	103.0	81.2	121.8	
160	44.4	35.6	53.4	





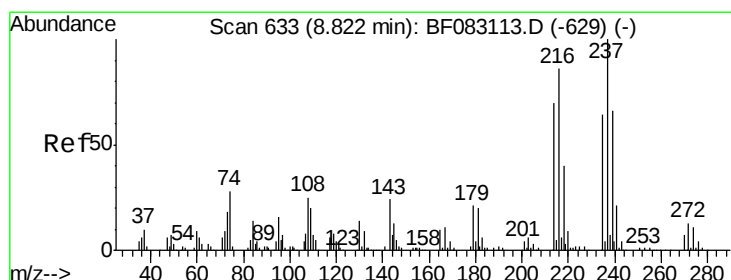
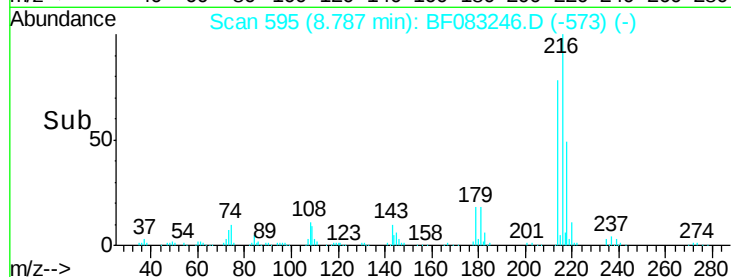
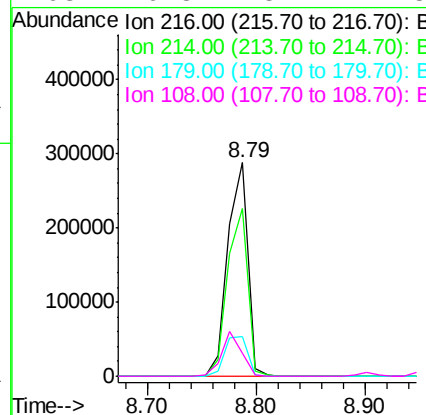
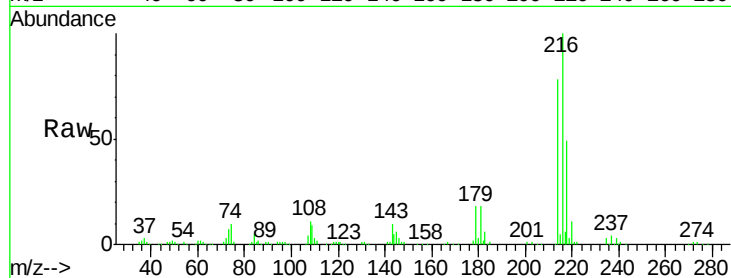
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.11 ng
 RT: 8.79 min Scan# 595
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Manual Integrations
 APPROVED

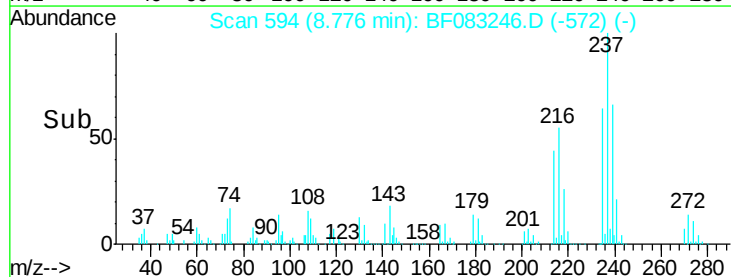
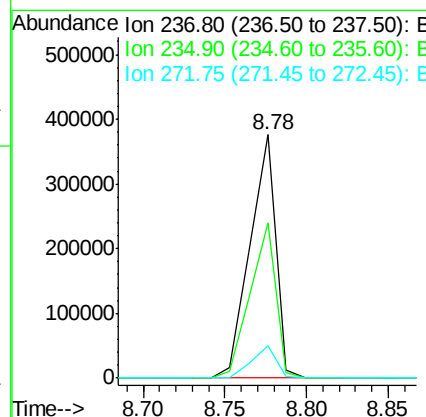
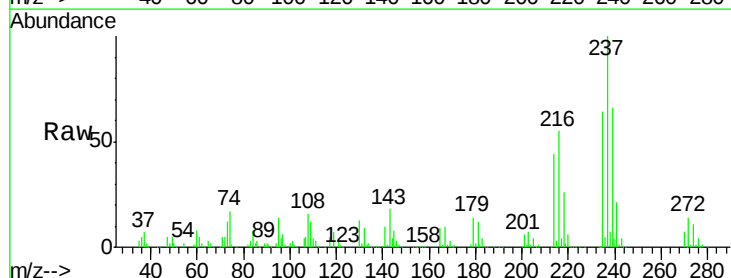
Mmdadoda
 11/25/2015 12:54:32 PM

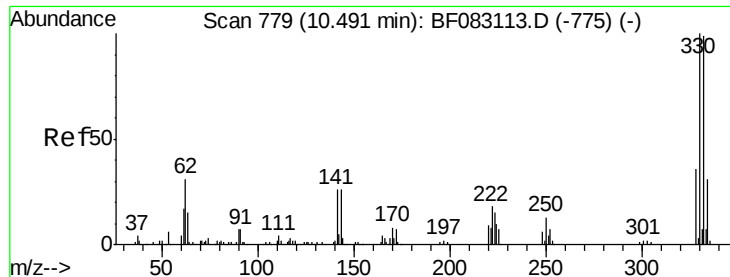
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.8
179	21.3	17.0	25.6
108	20.8	15.2	22.8



#40
 Hexachlorocyclopentadiene
 Concen: 67.41 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.5	83.5
272	13.6	0.0	33.1





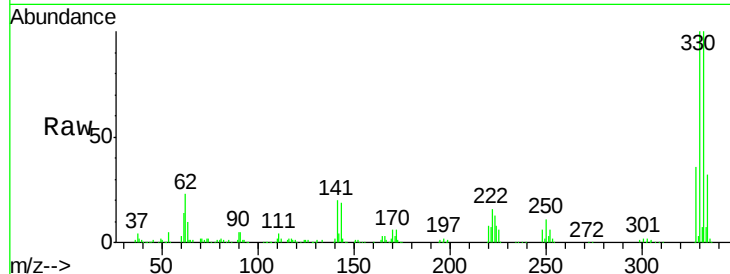
#41
 2,4,6-Tribromophenol
 Concen: 117.18 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

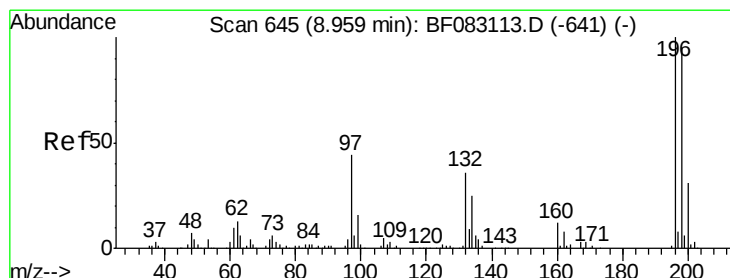
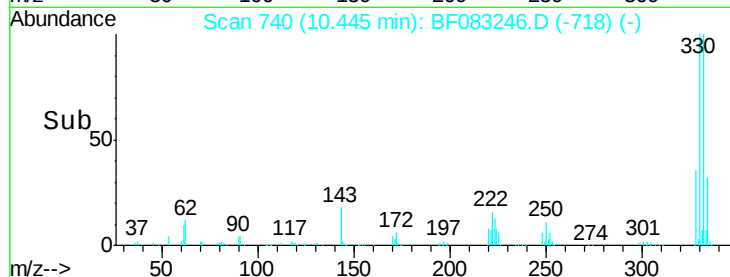
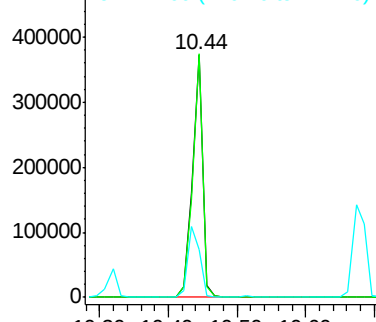
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	397244		
332	97.6	77.7	116.5	
141	34.4	29.7	44.5	

Manual Integrations
 APPROVED

Mmdadoda
 11/25/2015 12:54:32 PM



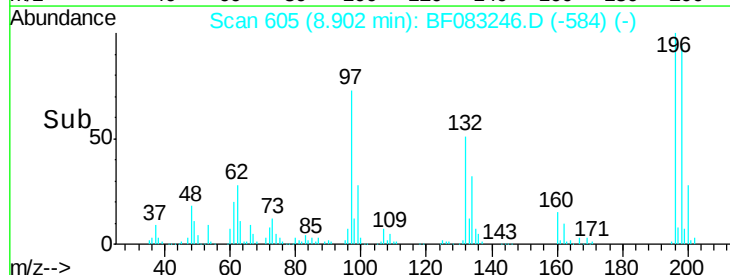
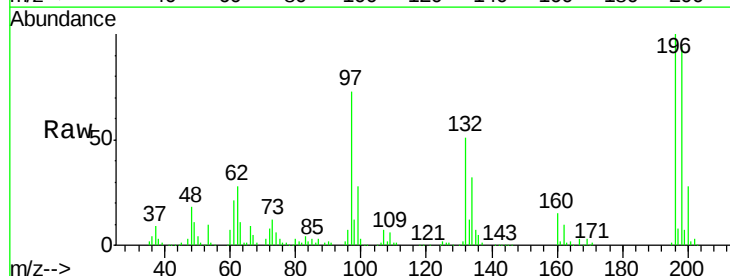
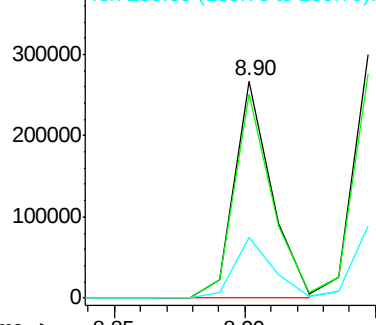
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

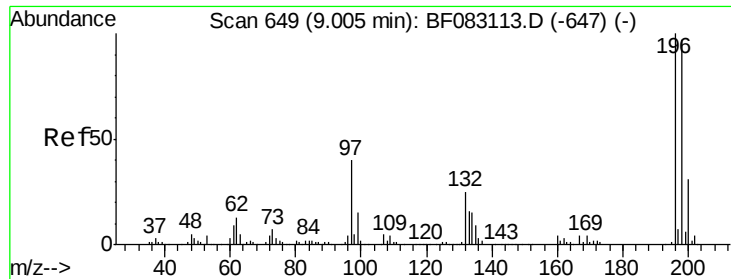


#42
 2,4,6-Trichlorophenol
 Concen: 34.58 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265966		
198	93.8	75.9	113.9	
200	27.9	24.5	36.7	

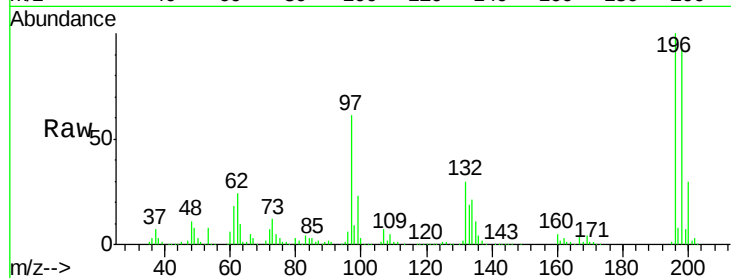
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 37.77 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

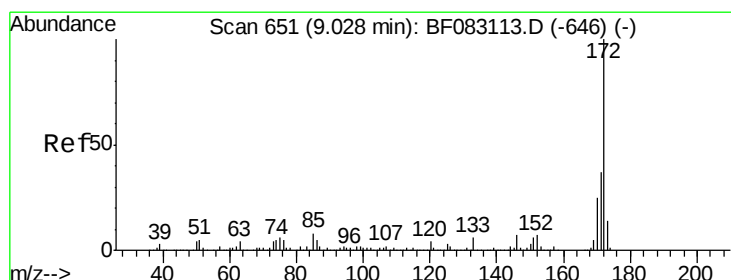
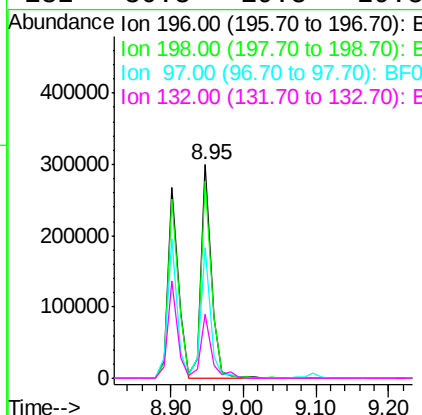
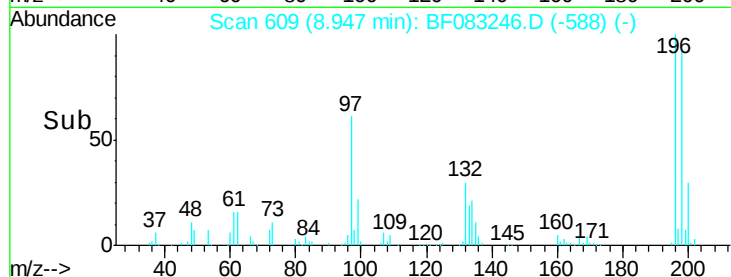
Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS



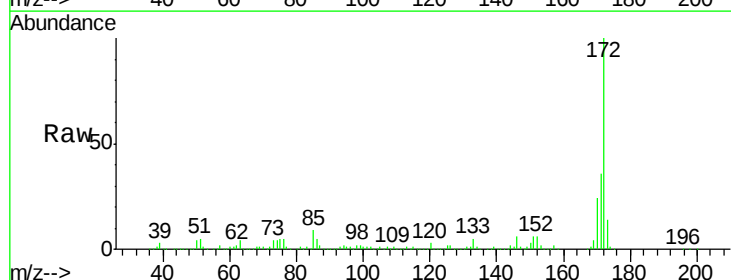
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297021		
198	92.3	77.6	116.4	
97	61.0	32.6	48.8#	
132	30.3	19.8	29.8#	

Manual Integrations
 APPROVED

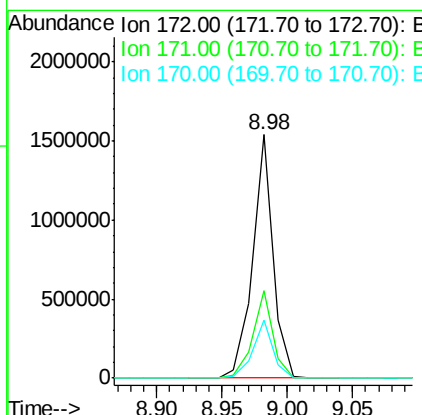
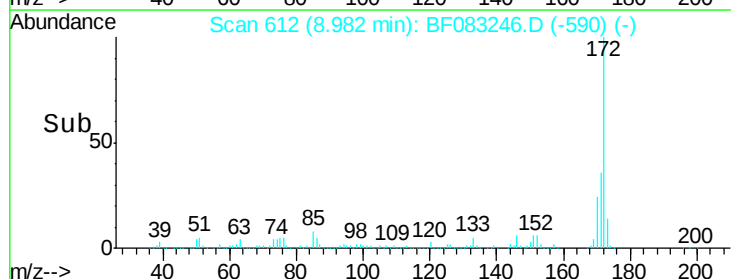
Mmdadoda
 11/25/2015 12:54:32 PM

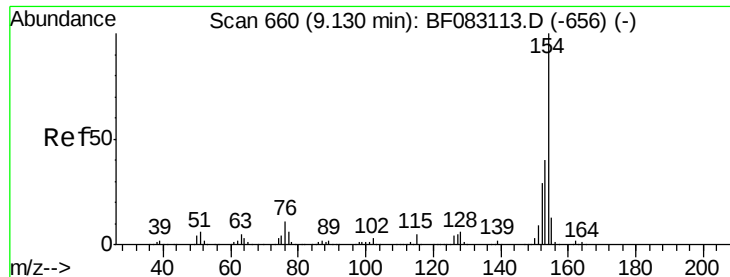


#44
 2-Fluorobiphenyl
 Concen: 70.57 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1676914		
171	36.1	29.5	44.3	
170	24.1	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 35.72 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt Ion:154 Resp: 1007391

Ion Ratio Lower Upper

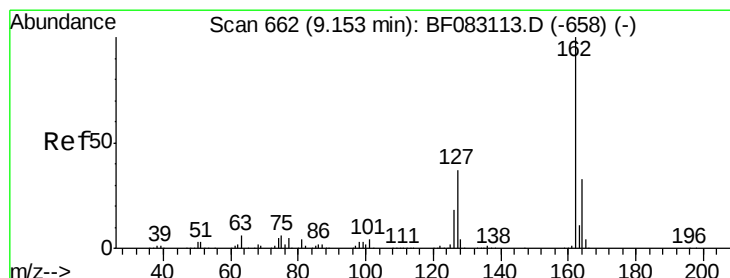
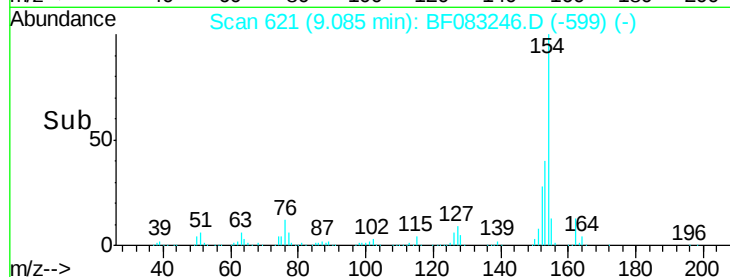
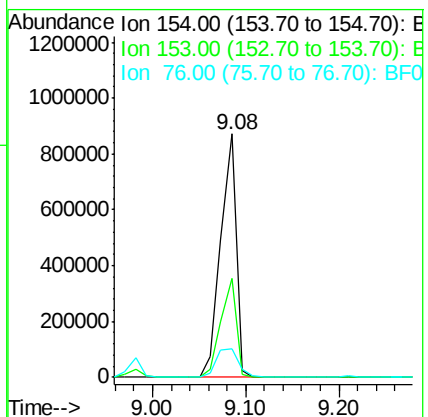
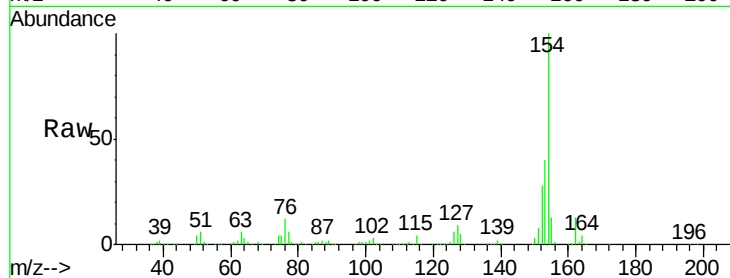
154 100

153 40.4 20.5 60.5

76 11.8 0.0 31.2

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#46

2-Chloronaphthalene

Concen: 34.12 ng

RT: 9.10 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

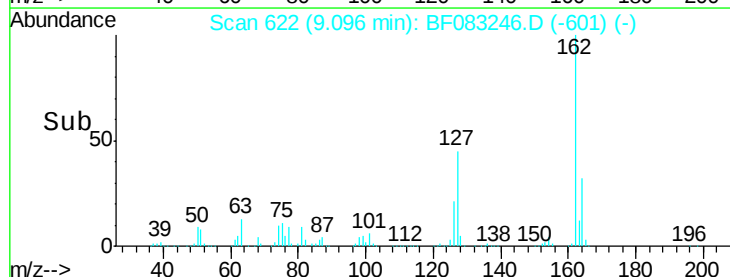
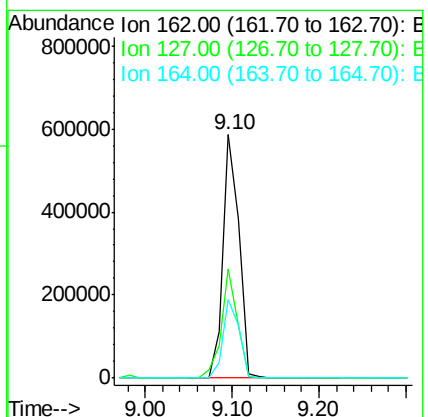
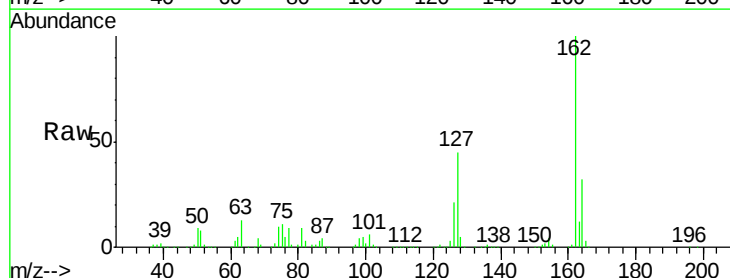
Tgt Ion:162 Resp: 755863

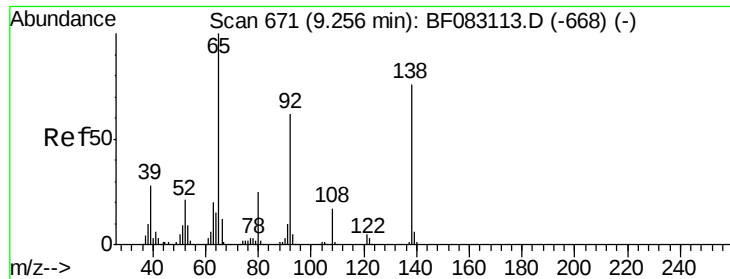
Ion Ratio Lower Upper

162 100

127 44.8 29.4 44.2#

164 32.3 26.2 39.4





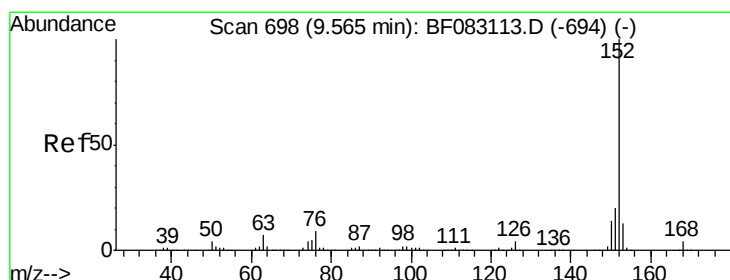
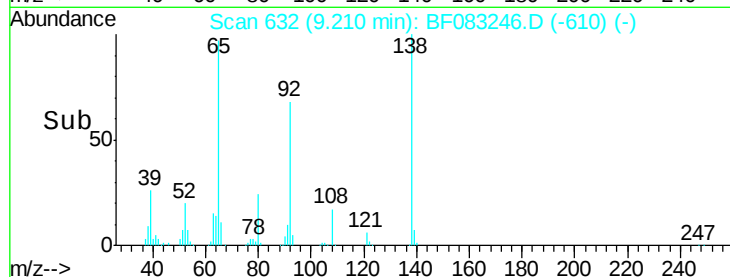
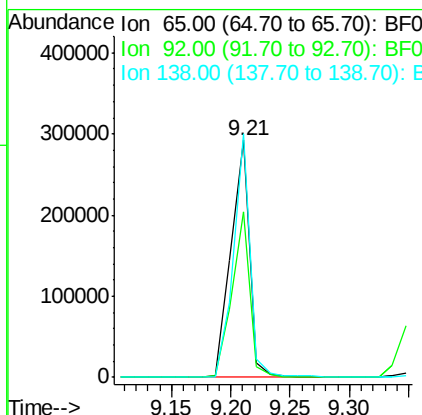
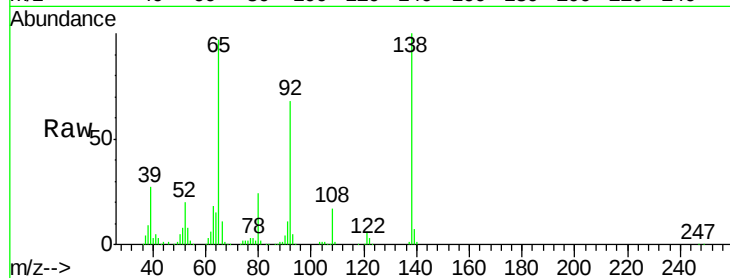
#47
2-Nitroaniline
Concen: 40.68 ng
RT: 9.21 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	318768		
92	70.0	49.5	74.3	
138	102.9	60.7	91.1#	

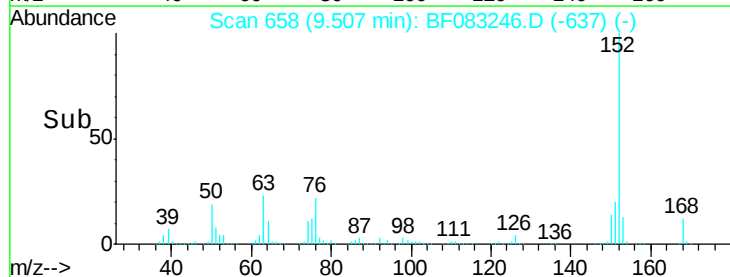
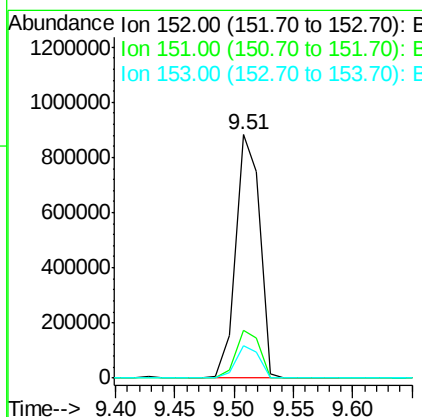
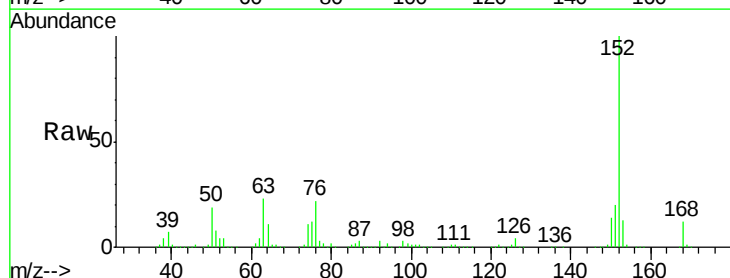
Manual Integrations
APPROVED

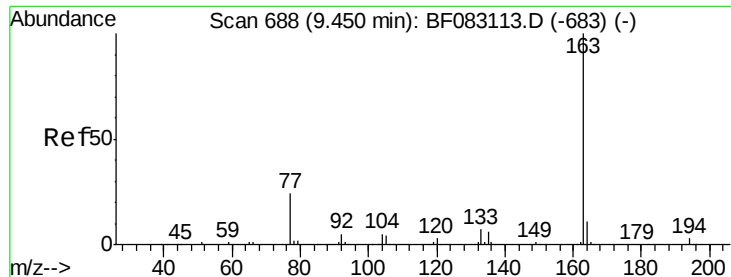
Mmdadoda
11/25/2015 12:54:32 PM



#48
Acenaphthylene
Concen: 36.19 ng
RT: 9.51 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1242455		
151	19.7	16.3	24.5	
153	13.4	10.8	16.2	





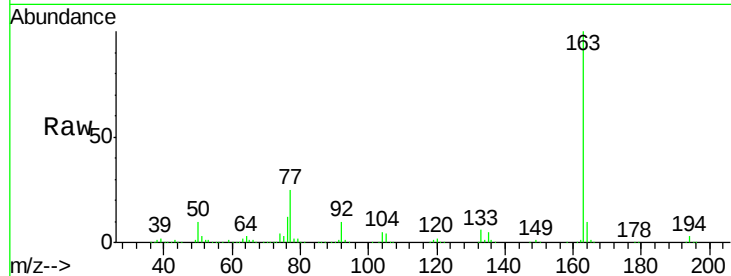
#49
Dimethylphthalate
Concen: 37.31 ng
RT: 9.39 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

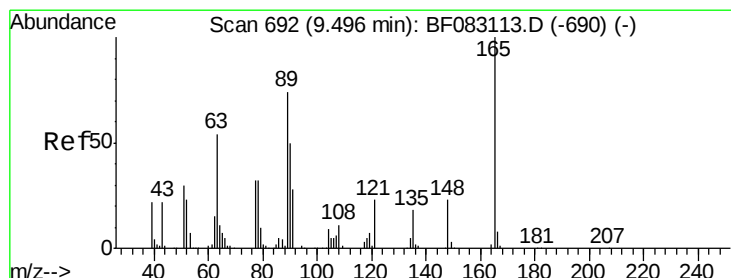
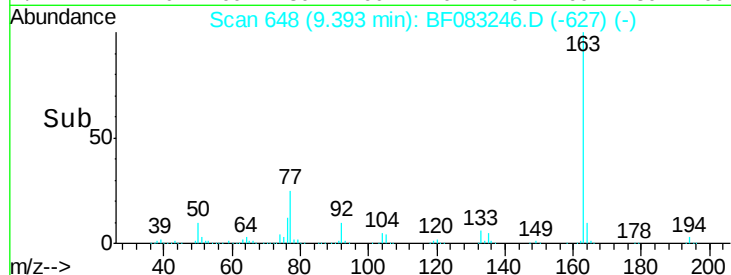
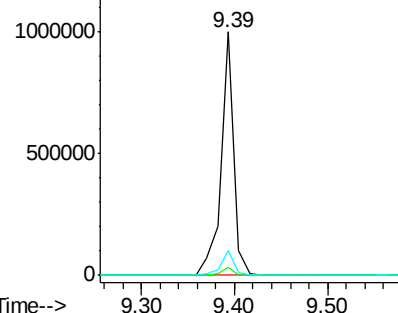
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.6	12.8

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM

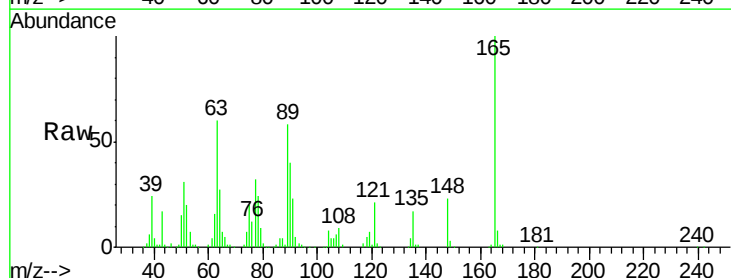


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

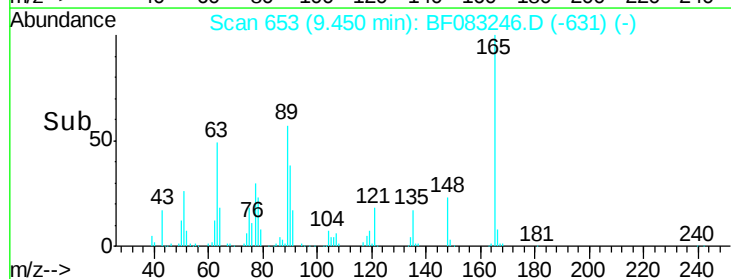
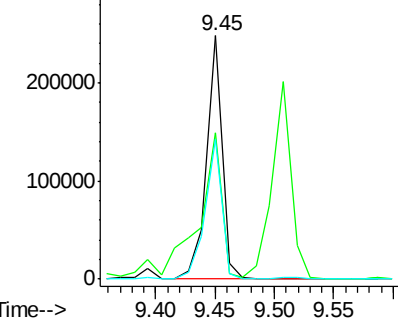


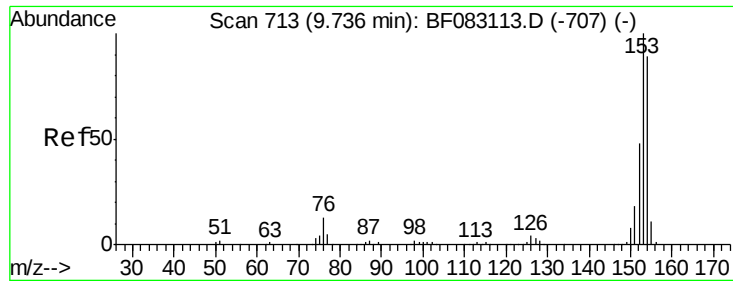
#50
2,6-Dinitrotoluene
Concen: 39.02 ng
RT: 9.45 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.3	62.5	93.7#
89	57.7	59.1	88.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.13 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.06 min

Lab File: BF083246.D

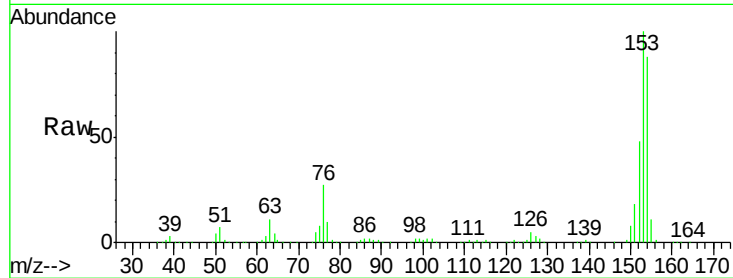
Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS



Tgt Ion:154 Resp: 733924

Ion Ratio Lower Upper

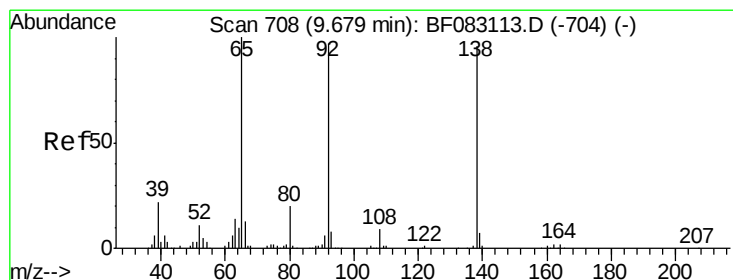
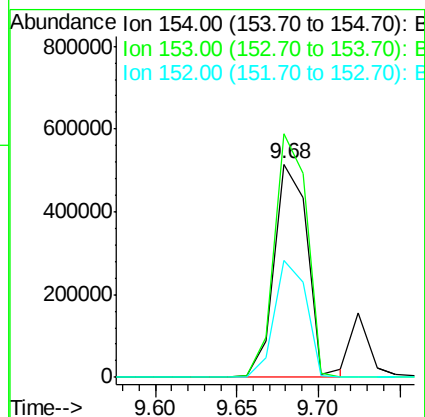
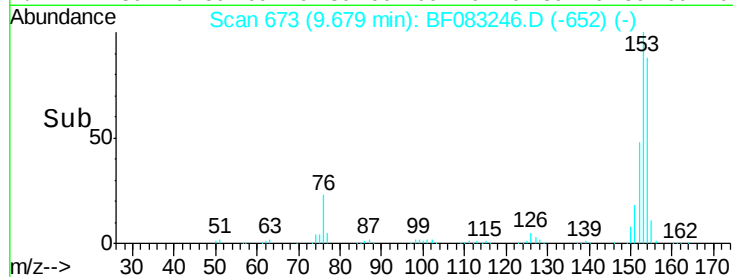
154 100

153 114.2 89.6 134.4

152 54.6 43.3 64.9

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#52

3-Nitroaniline

Concen: 18.99 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

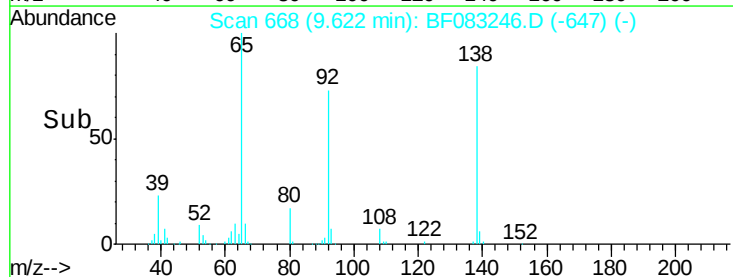
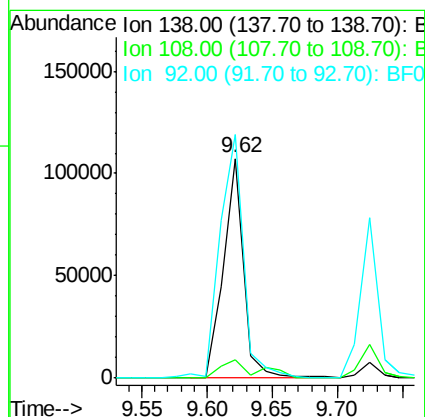
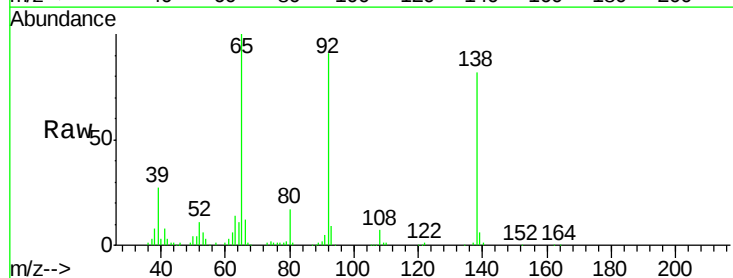
Tgt Ion:138 Resp: 115913

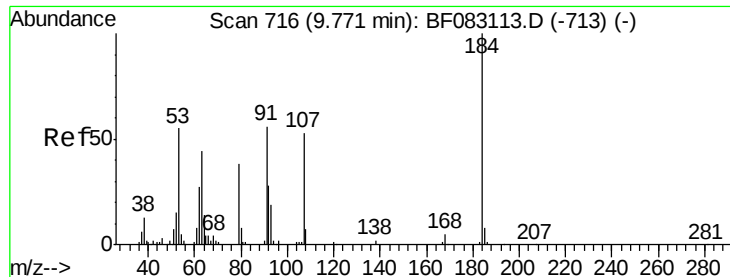
Ion Ratio Lower Upper

138 100

108 8.4 7.8 11.6

92 110.8 81.1 121.7





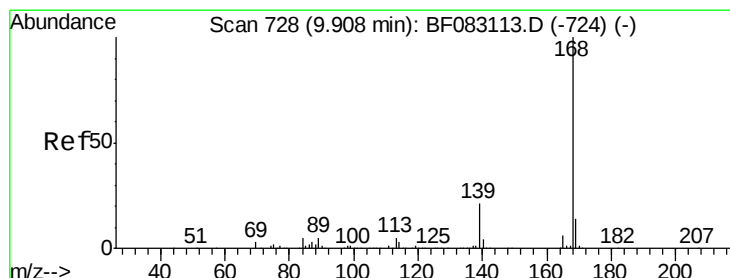
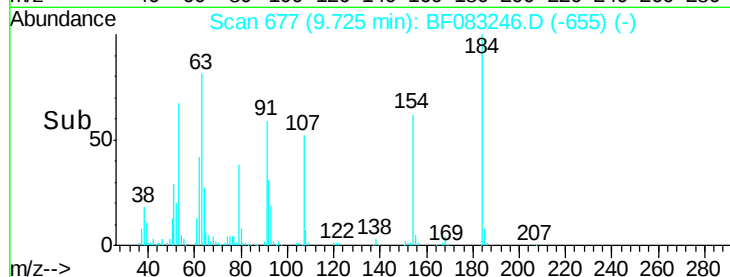
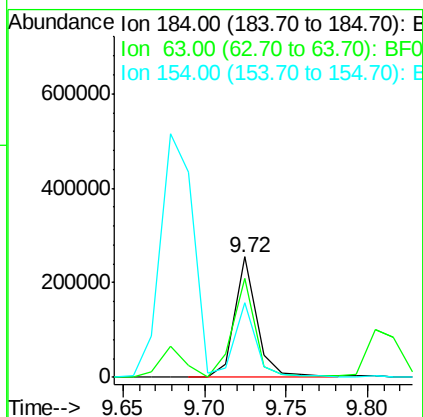
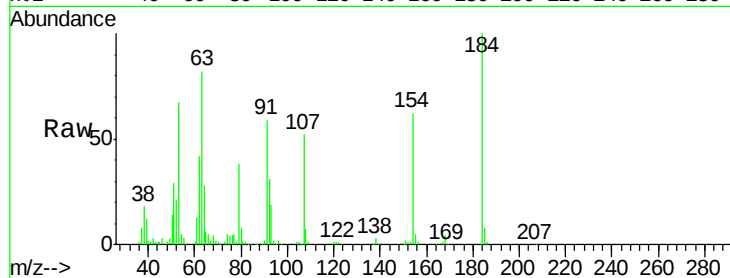
#53
2,4-Dinitrophenol
Concen: 72.84 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	240228		
63	81.8	60.5	90.7	
154	61.7	54.3	81.5	

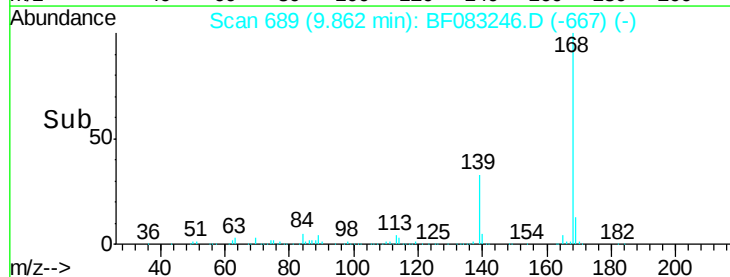
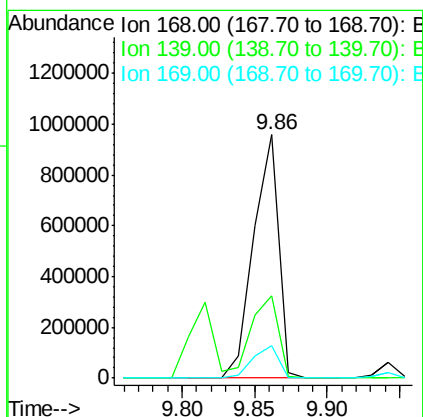
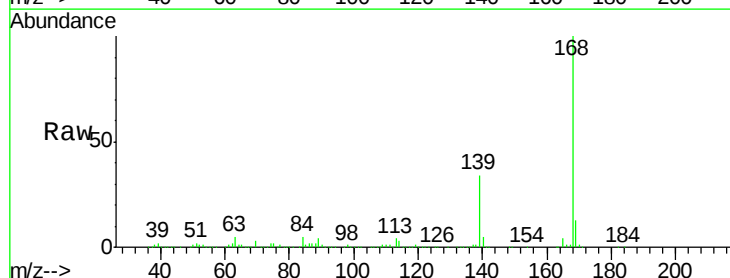
Manual Integrations
APPROVED

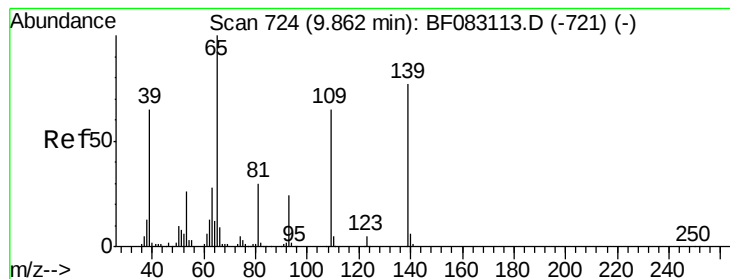
Mmdadoda
11/25/2015 12:54:32 PM



#54
Dibenzofuran
Concen: 38.86 ng
RT: 9.86 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1148168		
139	33.8	30.2	45.2	
169	13.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 72.10 ng

RT: 9.82 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

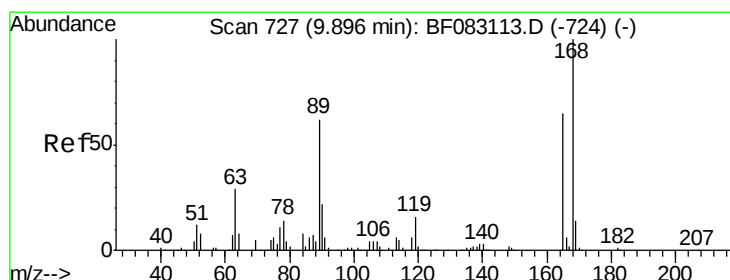
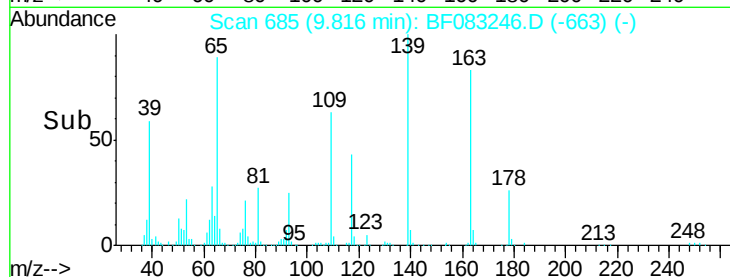
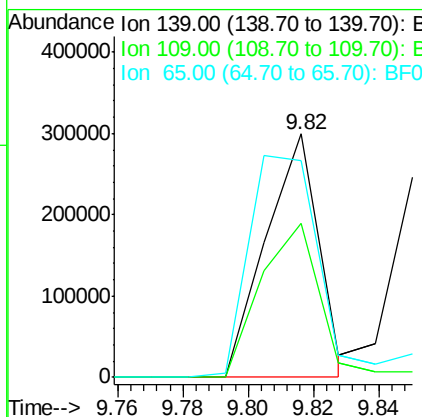
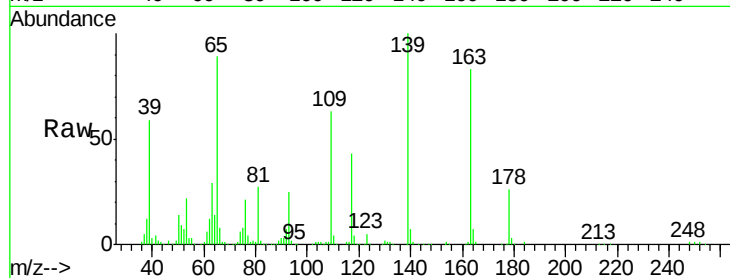
ClientSampleId :

PB86825BS

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM

Tgt Ion:	139	Resp:	337444
Ion Ratio	Lower	Upper	
139	100		
109	63.3	64.0	104.0#
65	88.8	109.5	149.5#



#56

2,4-Dinitrotoluene

Concen: 38.33 ng

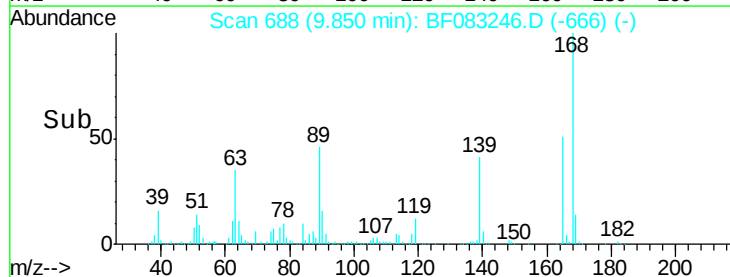
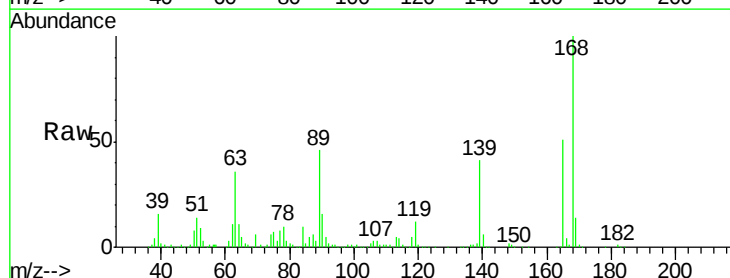
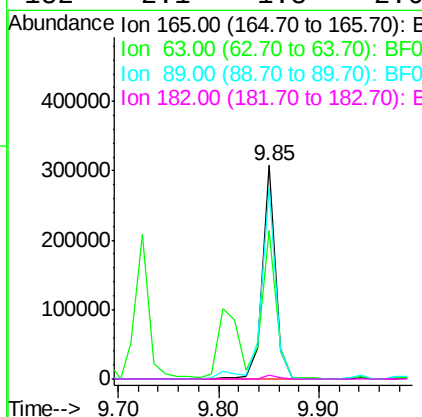
RT: 9.85 min Scan# 688

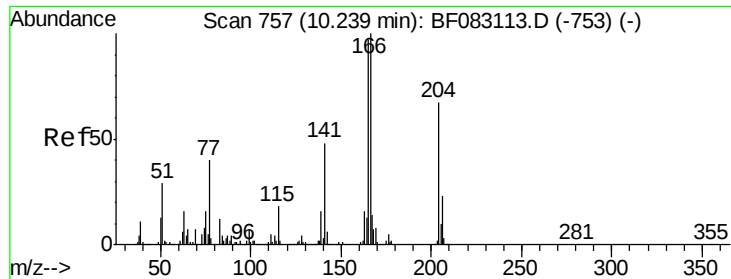
Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:	165	Resp:	278035
Ion Ratio	Lower	Upper	
165	100		
63	69.6	54.5	81.7
89	89.9	77.3	115.9
182	2.1	1.8	2.6





#57

Fluorene

Concen: 34.93 ng

RT: 10.19 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF083246.D

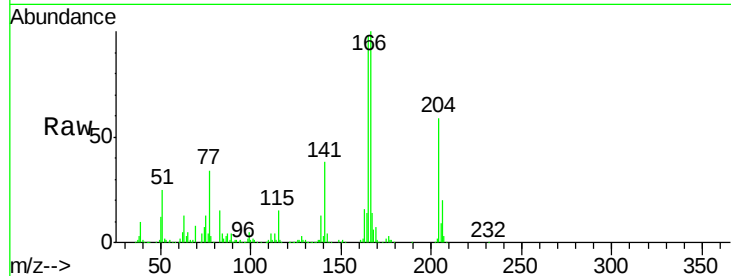
Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

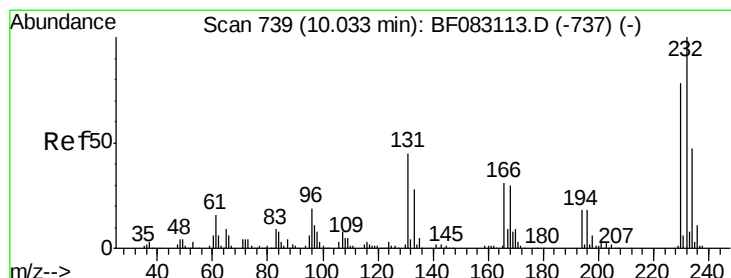
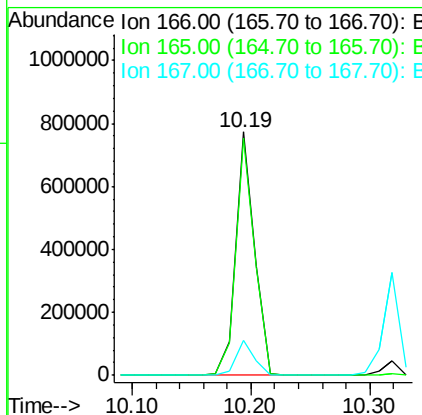
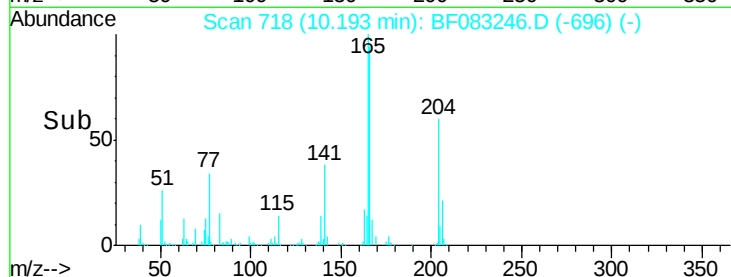
PB86825BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	852897		
165	97.5	78.0	117.0	
167	14.1	11.3	16.9	

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#58

2,3,4,6-Tetrachlorophenol

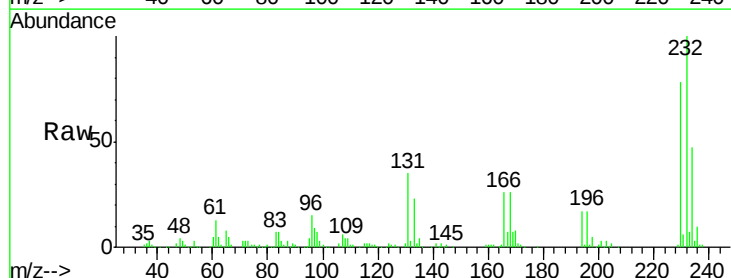
Concen: 37.57 ng

RT: 9.99 min Scan# 700

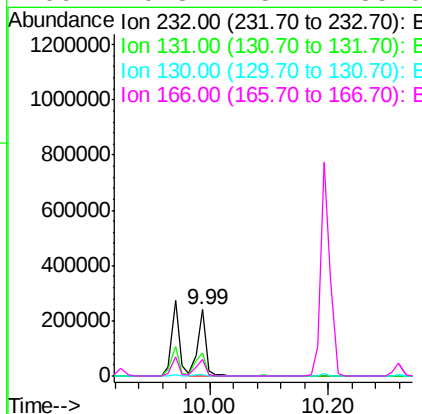
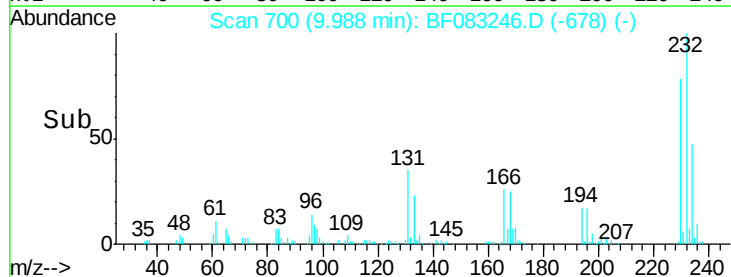
Delta R.T. -0.05 min

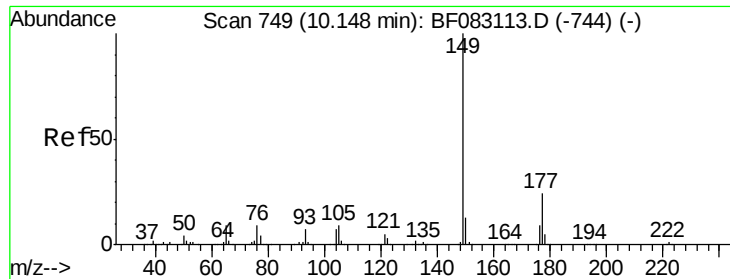
Lab File: BF083246.D

Acq: 24 Nov 2015 19:43



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	242415		
231	42.7	38.6	57.8	
130	2.0	1.9	2.9	
166	29.3	25.4	38.0	





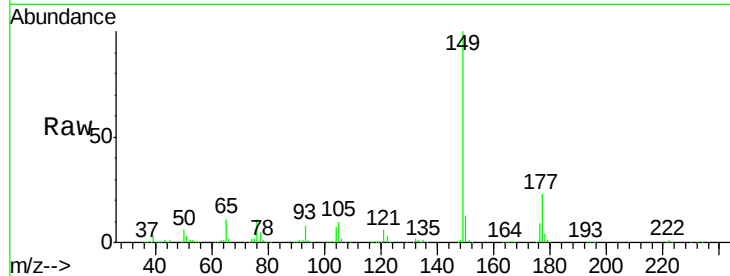
#59
Diethylphthalate
Concen: 37.82 ng
RT: 10.09 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

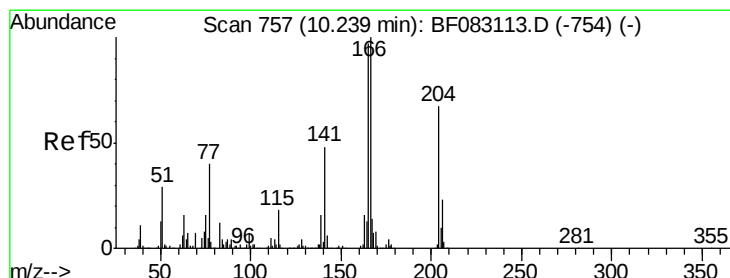
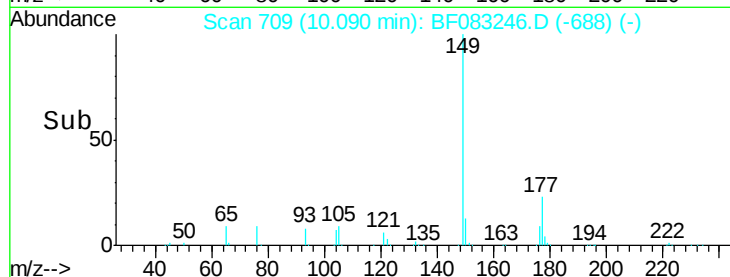
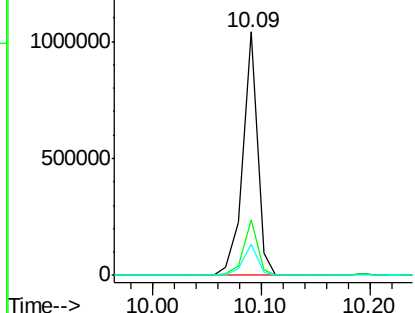
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.8	19.4	29.2
150	12.8	10.2	15.2

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM

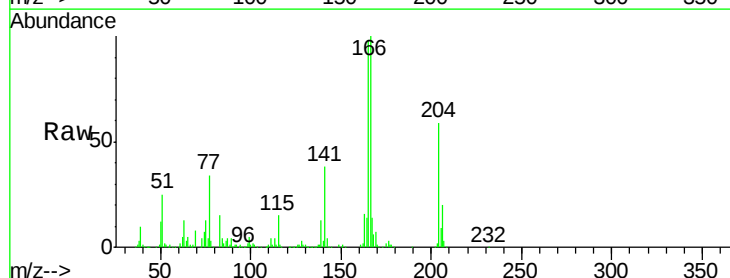


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

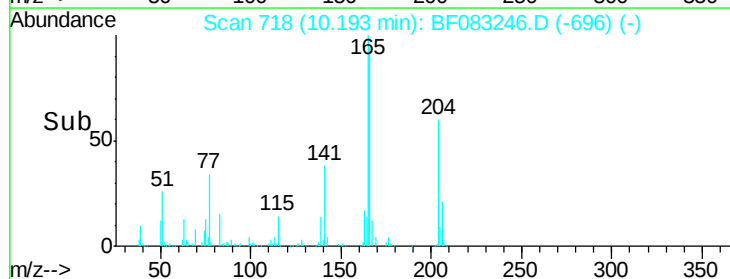
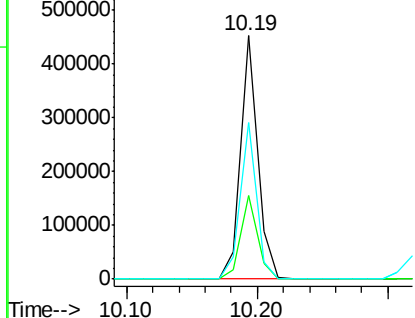


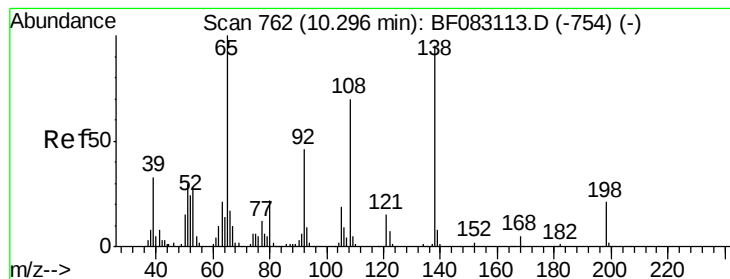
#60
4-Chlorophenyl-phenylether
Concen: 36.79 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.2	27.4	41.0
141	64.6	57.4	86.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





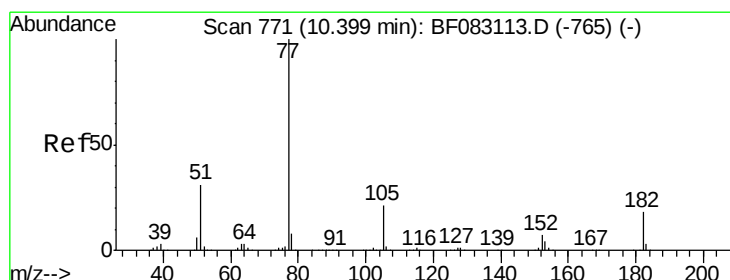
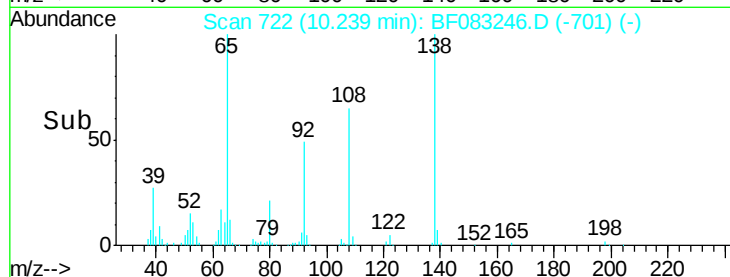
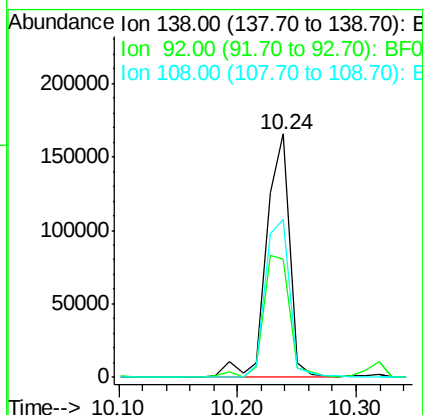
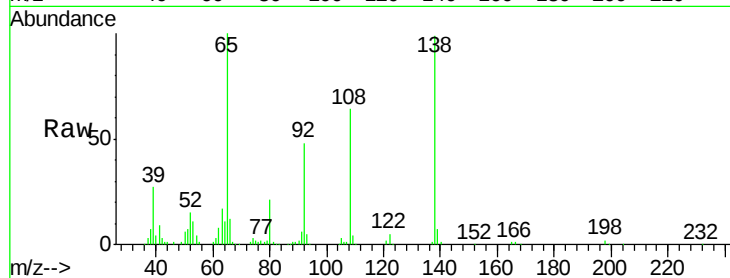
#61
4-Nitroaniline
Concen: 37.61 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	225991		
92	48.7	28.4	68.4	
108	65.0	53.5	93.5	

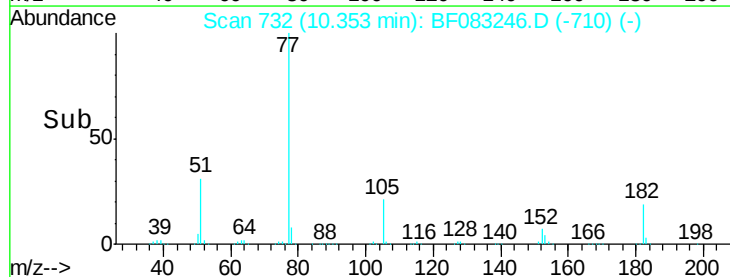
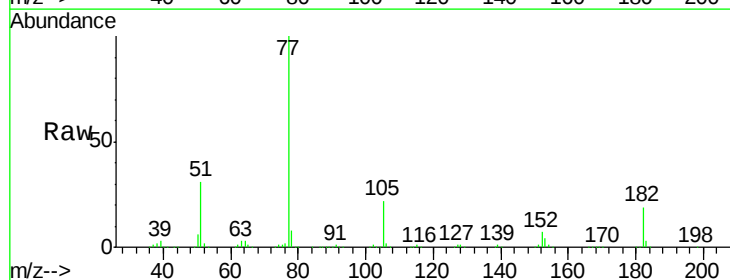
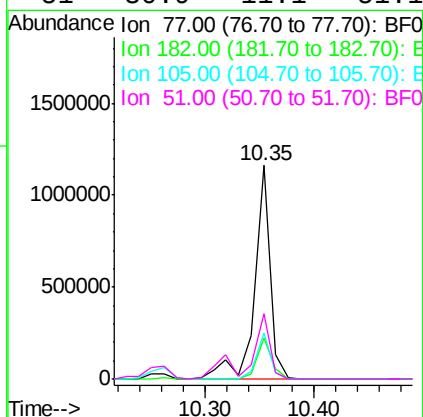
Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#62
Azobenzene
Concen: 40.64 ng
RT: 10.35 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1177926		
182	19.1	0.0	38.3	
105	21.8	1.2	41.2	
51	30.9	11.1	51.1	





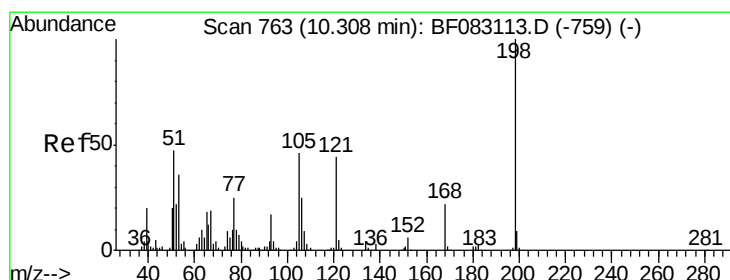
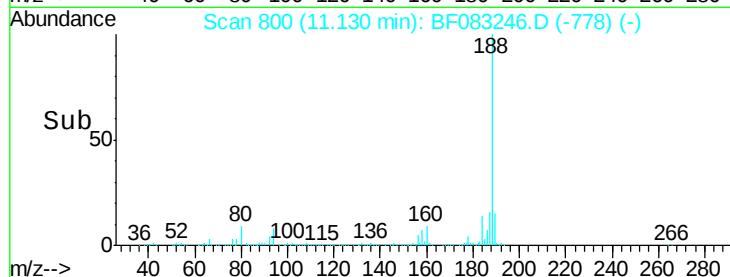
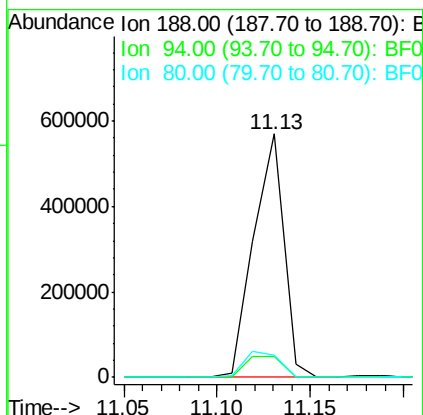
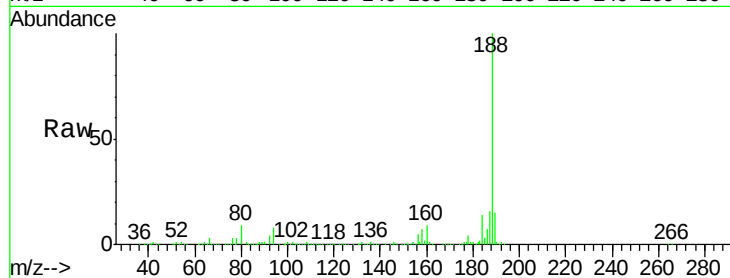
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	6.0	9.0
80	9.1	6.7	10.1

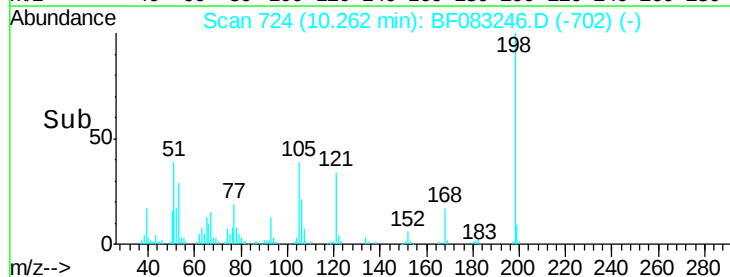
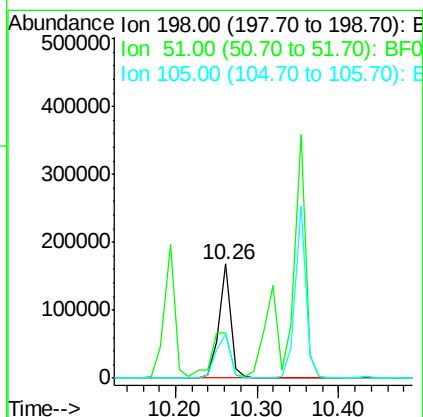
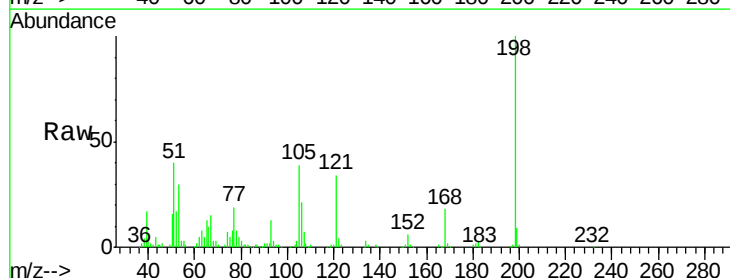
Manual Integrations
APPROVED

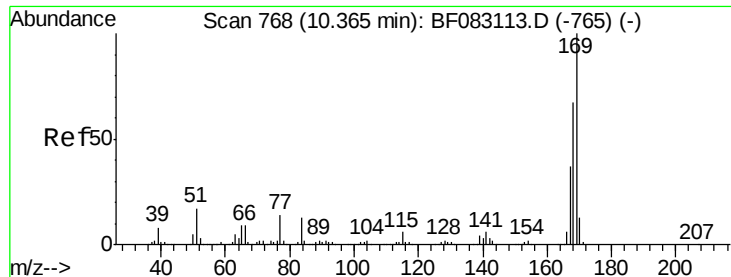
Mmdadoda
11/25/2015 12:54:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.15 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	39.7	27.0	67.0
105	39.1	26.1	66.1





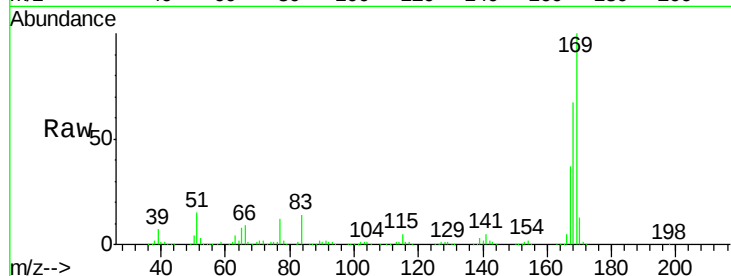
#65
 n-Nitrosodiphenylamine
 Concen: 38.14 ng
 RT: 10.32 min Scan# 729
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

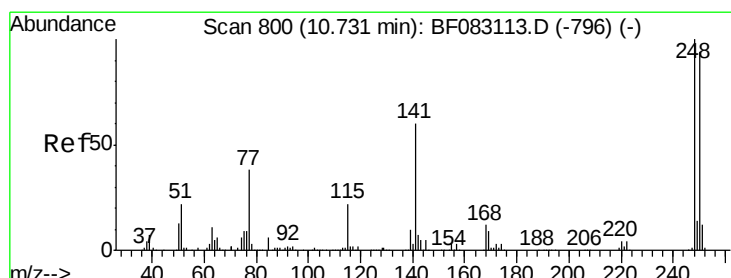
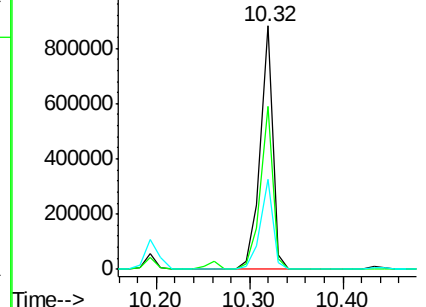
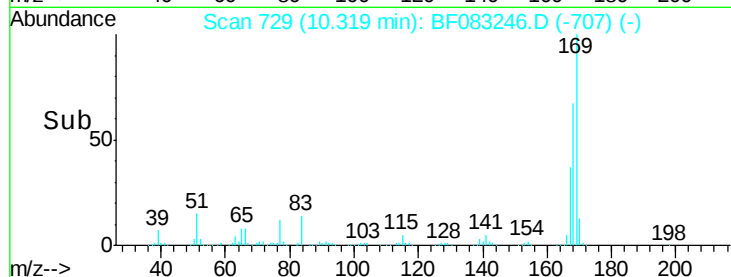
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	829393		
168	67.0	53.8	80.6	
167	36.9	29.8	44.8	

Manual Integrations
 APPROVED

Mmdadoda
 11/25/2015 12:54:32 PM

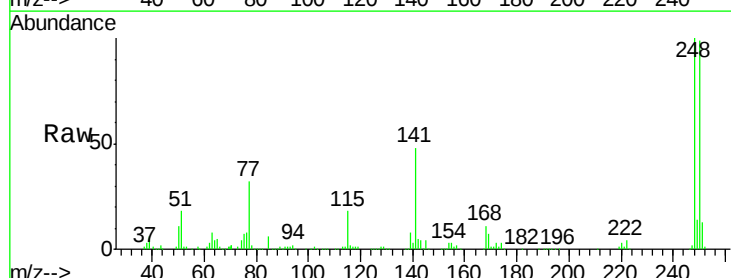


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

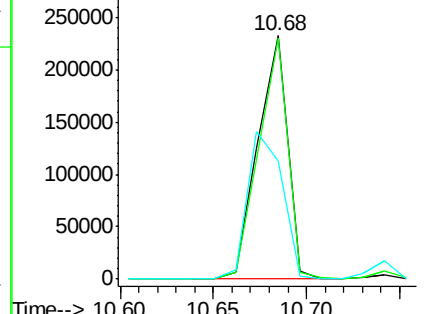
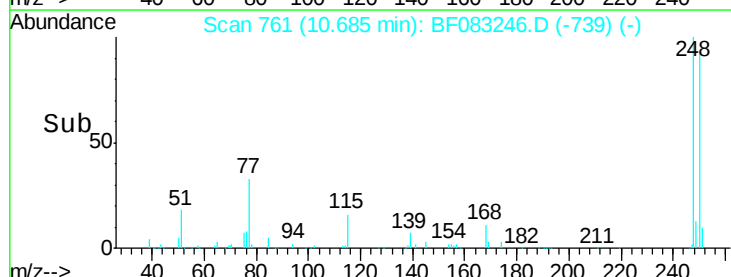


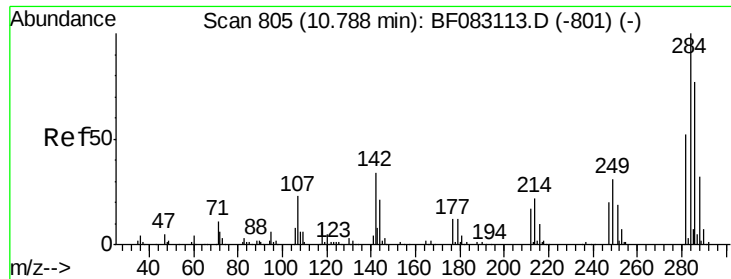
#66
 4-Bromophenyl-phenylether
 Concen: 36.19 ng
 RT: 10.68 min Scan# 761
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	256767		
250	99.1	75.4	113.2	
141	48.4	48.1	72.1	



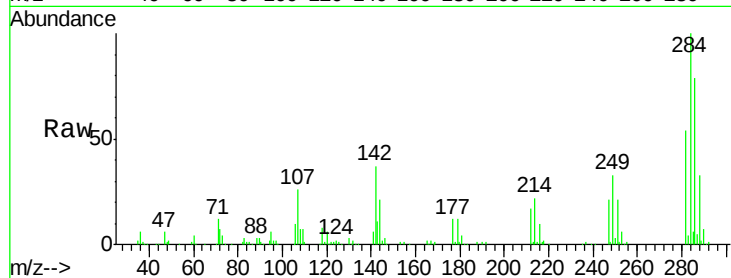
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67
Hexachlorobenzene
Concen: 35.07 ng
RT: 10.74 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

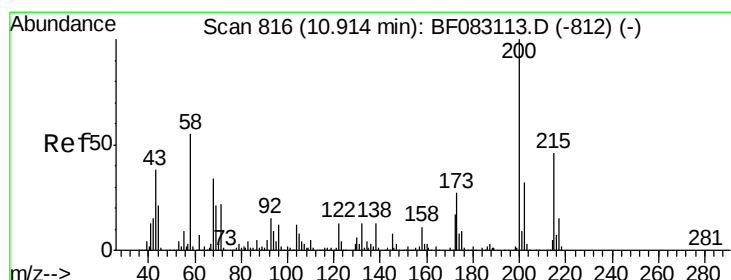
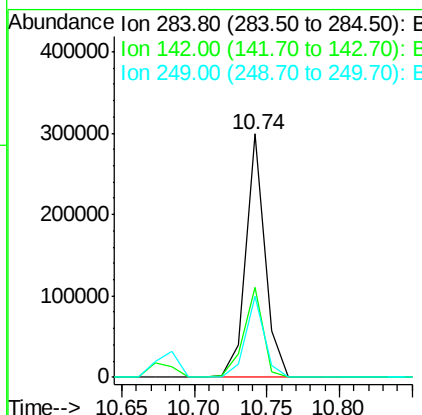
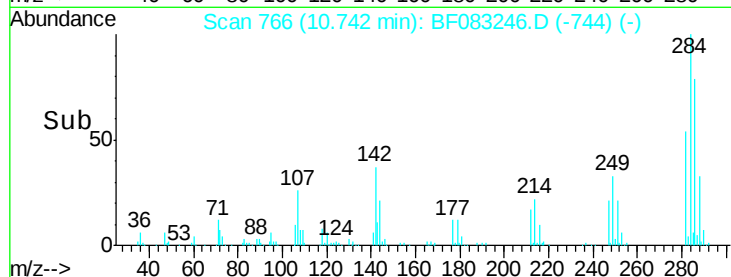
Instrument :
BNA_F
ClientSampleId :
PB86825BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	37.2	27.6	41.4
249	33.3	25.5	38.3

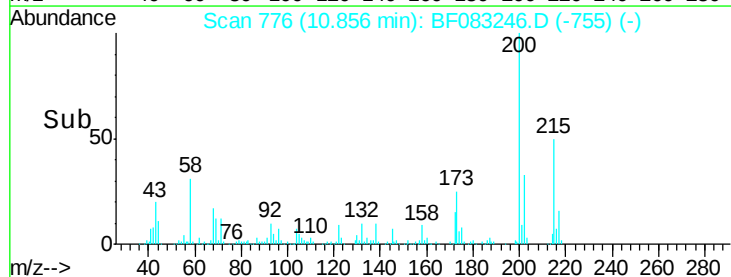
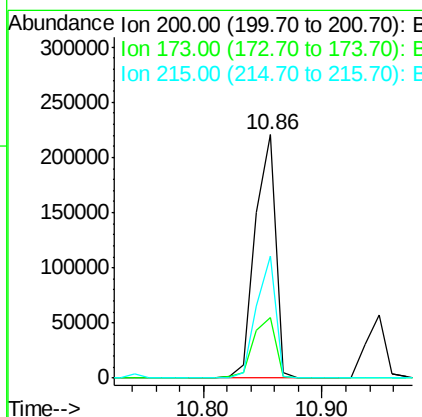
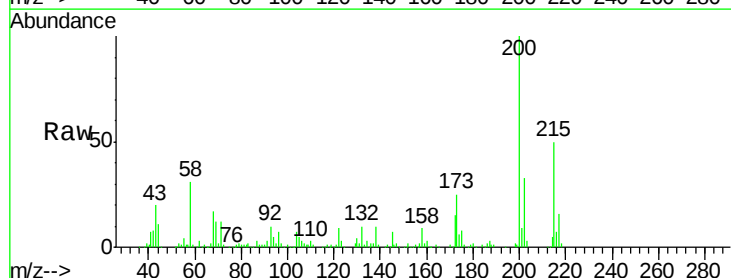
Manual Integrations
APPROVED

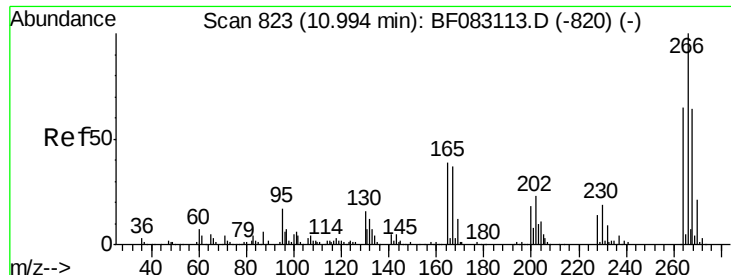
Mmdadoda
11/25/2015 12:54:32 PM



#68
Atrazine
Concen: 42.38 ng
RT: 10.86 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.7	7.2	47.2
215	50.4	25.7	65.7





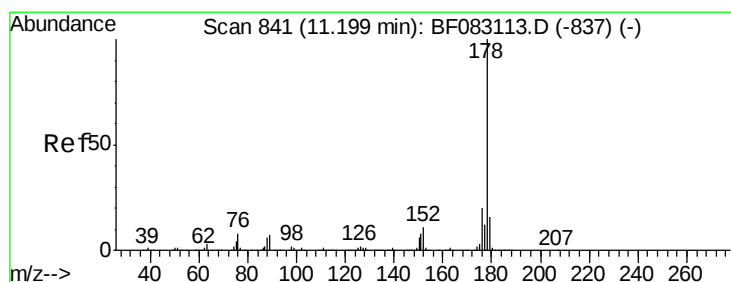
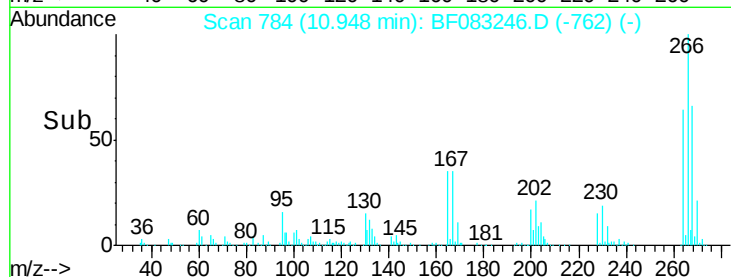
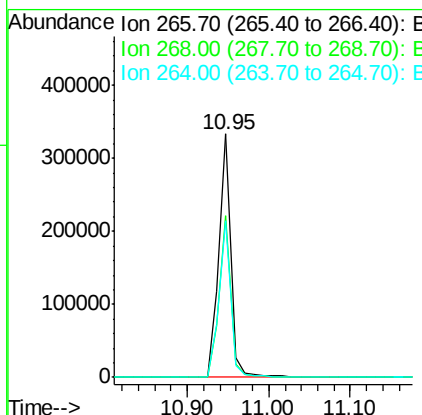
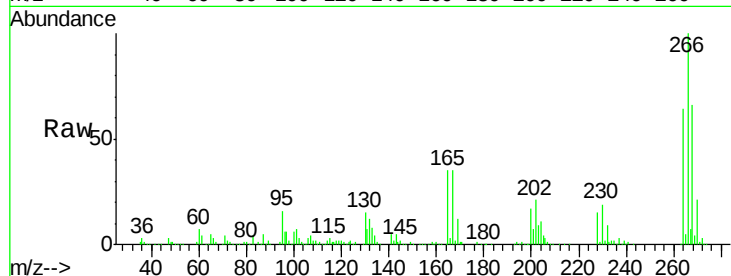
#69
 Pentachlorophenol
 Concen: 67.30 ng
 RT: 10.95 min Scan# 784
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	342469		
268	66.3	51.4	77.0	
264	64.4	51.7	77.5	

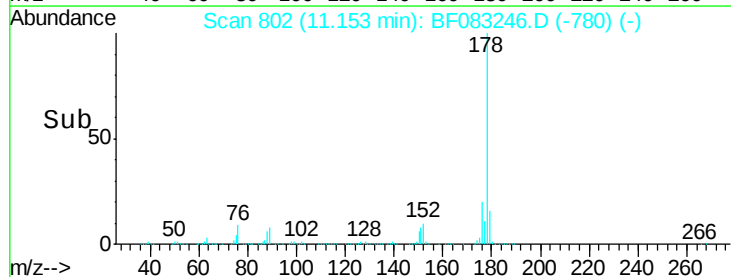
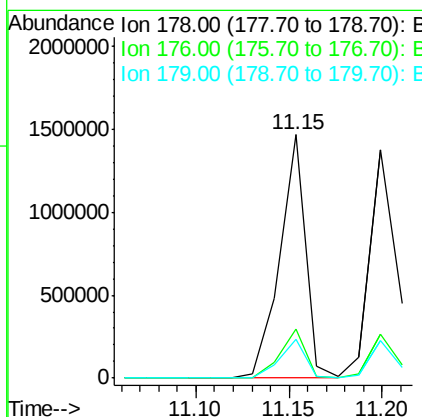
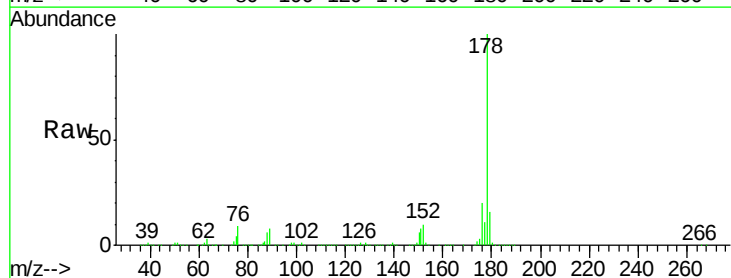
Manual Integrations
 APPROVED

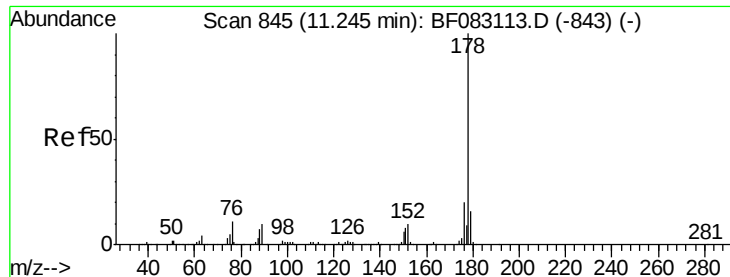
Mmdadoda
 11/25/2015 12:54:32 PM



#70
 Phenanthrene
 Concen: 38.31 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1411166		
176	20.0	16.2	24.2	
179	15.9	12.8	19.2	





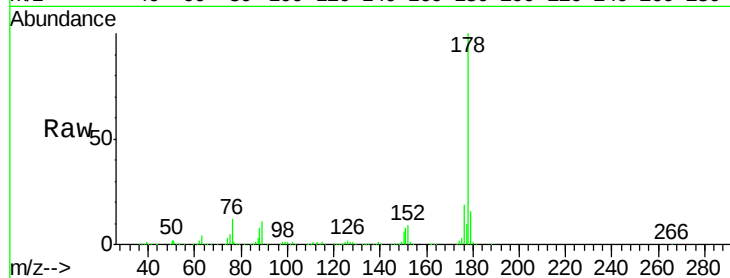
#71
 Anthracene
 Concen: 36.13 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

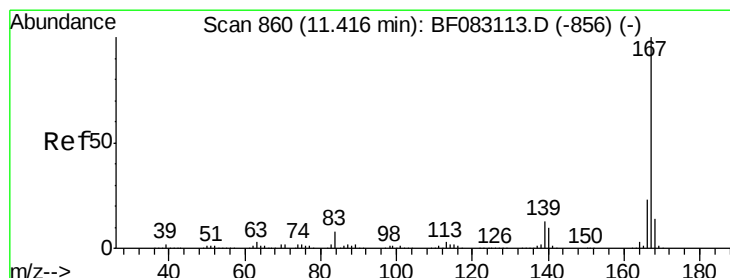
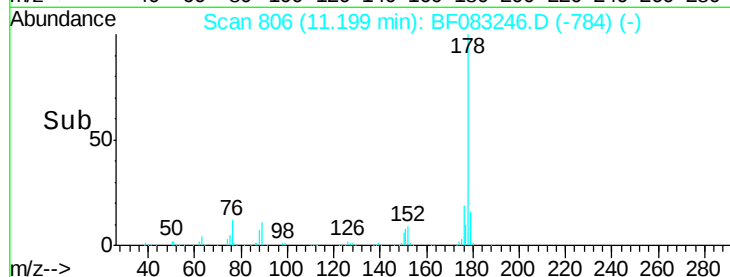
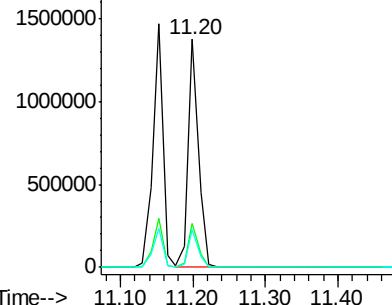
Tgt Ion:178 Resp: 1357738
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.4 13.2 19.8

Manual Integrations
 APPROVED

Mmdadoda
 11/25/2015 12:54:32 PM

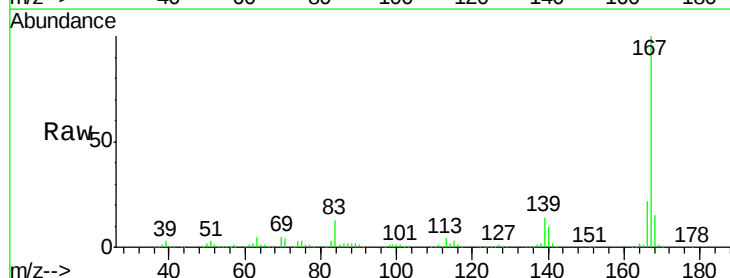


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

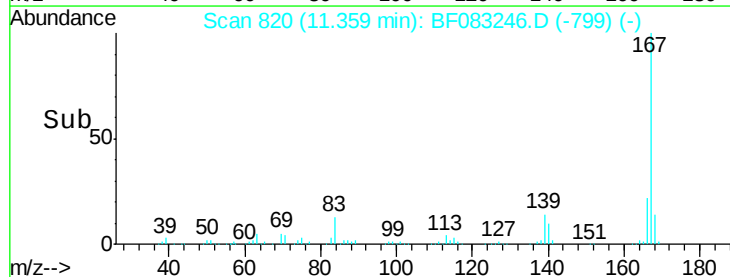
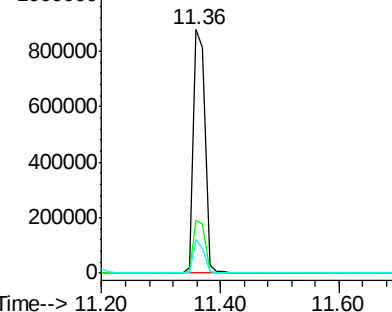


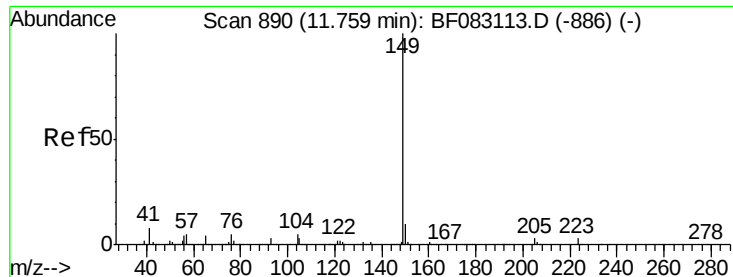
#72
 Carbazole
 Concen: 36.17 ng
 RT: 11.36 min Scan# 820
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion:167 Resp: 1208248
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
 1200000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.19 ng

RT: 11.70 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt Ion:149 Resp: 1393808

Ion Ratio Lower Upper

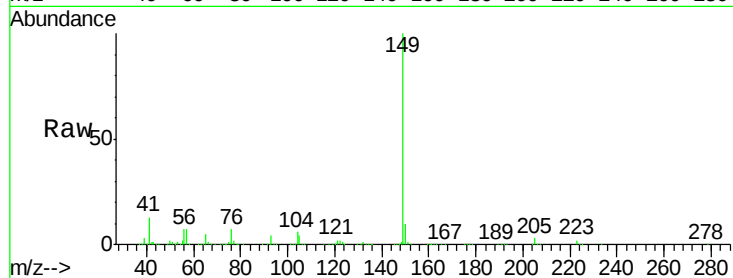
149 100

150 9.8 8.0 12.0

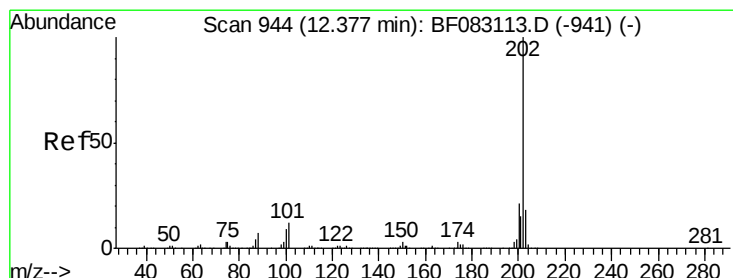
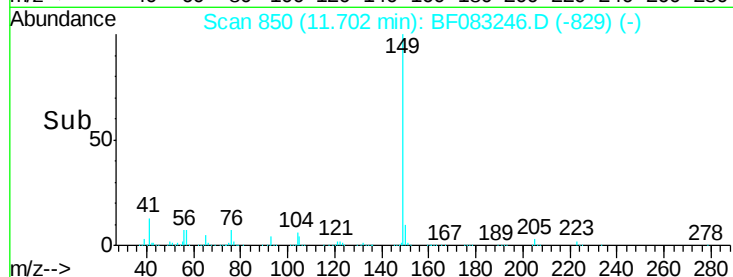
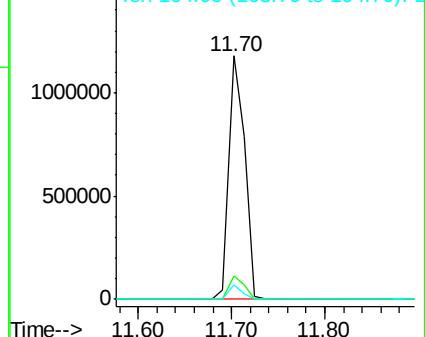
104 5.7 4.4 6.6

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 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: 36.45 ng

RT: 12.33 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

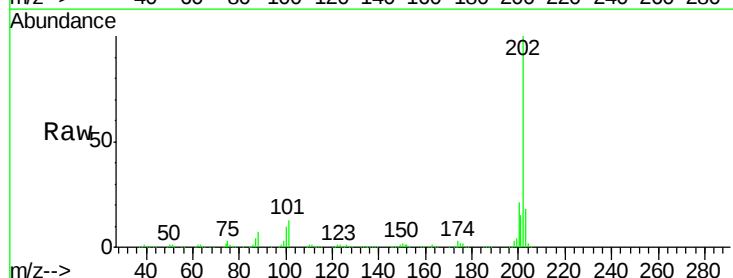
Tgt Ion:202 Resp: 1373944

Ion Ratio Lower Upper

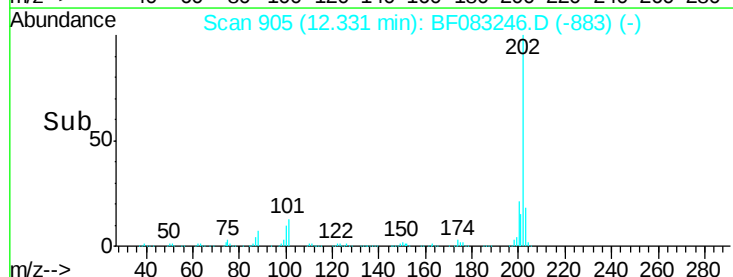
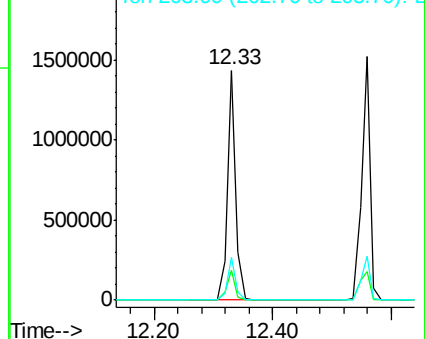
202 100

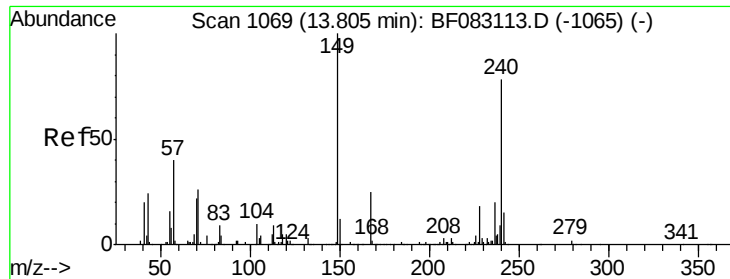
101 13.3 0.0 32.3

203 18.3 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: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt Ion:240 Resp: 536699

Ion Ratio Lower Upper

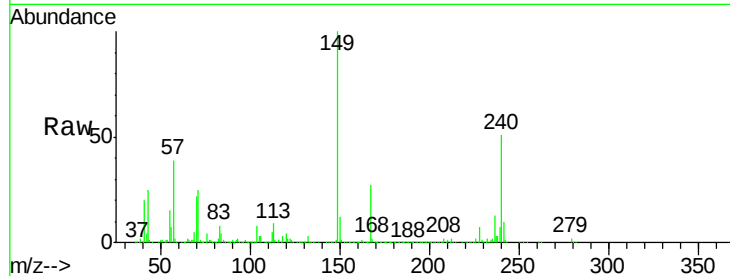
240 100

120 7.0 5.4 8.2

236 25.2 20.6 31.0

Manual Integrations
APPROVED

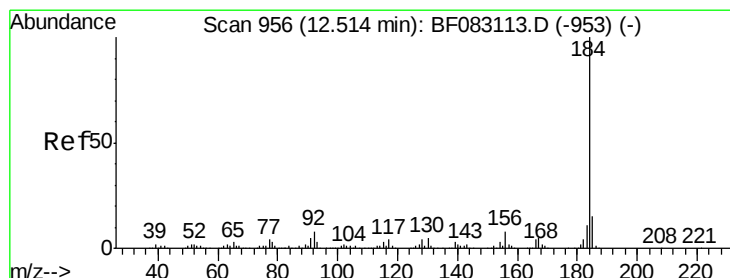
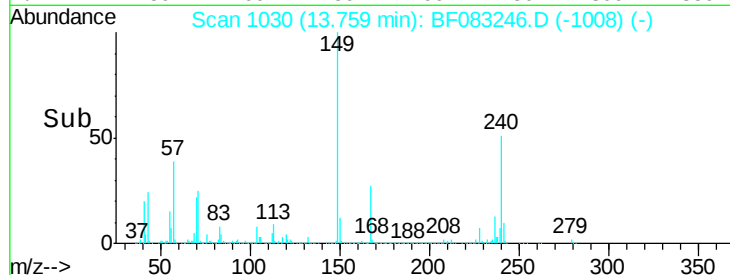
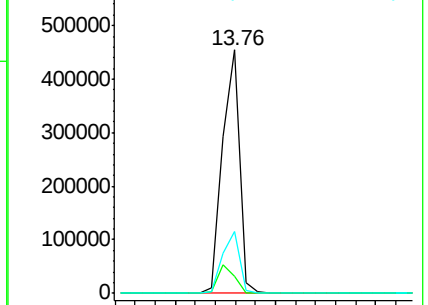
Mmdadoda
11/25/2015 12:54:32 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.03 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.05 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

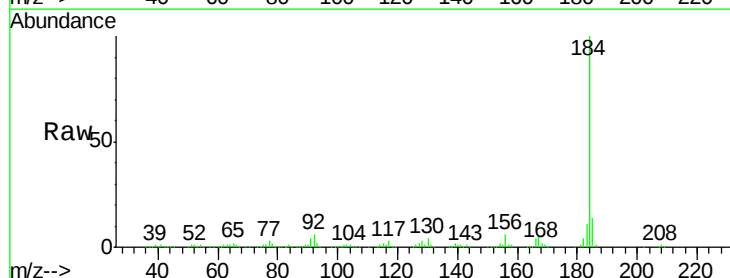
Tgt Ion:184 Resp: 464630

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

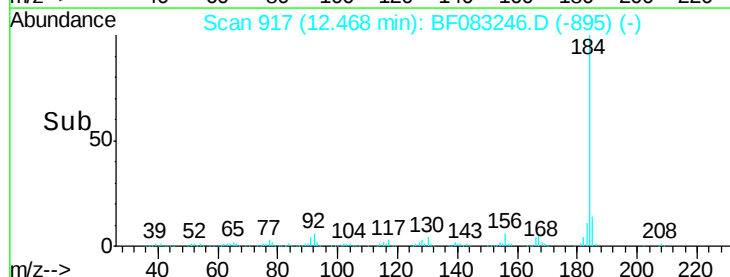
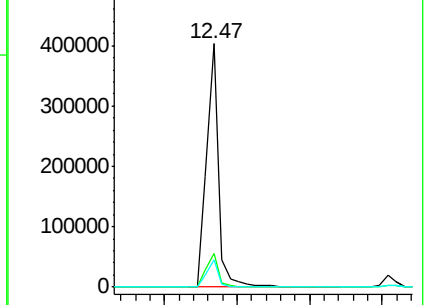
183 11.2 8.8 13.2

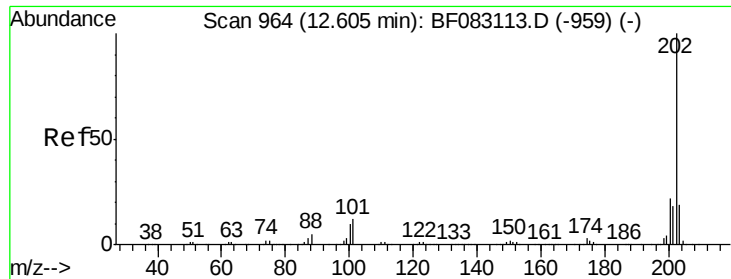


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.17 ng

RT: 12.56 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF083246.D

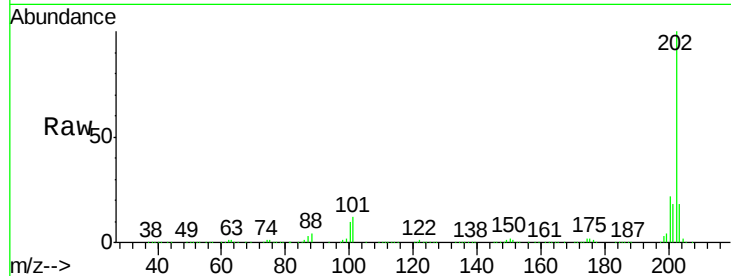
Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

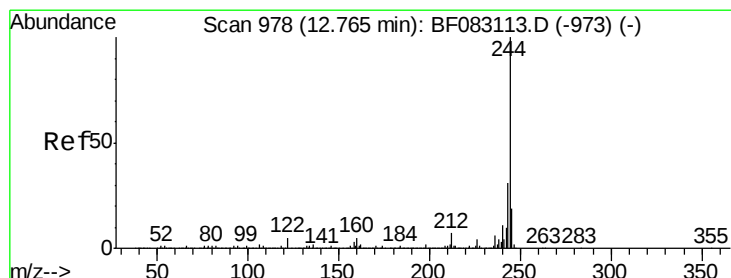
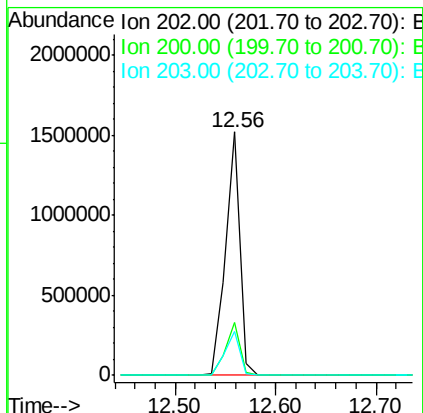
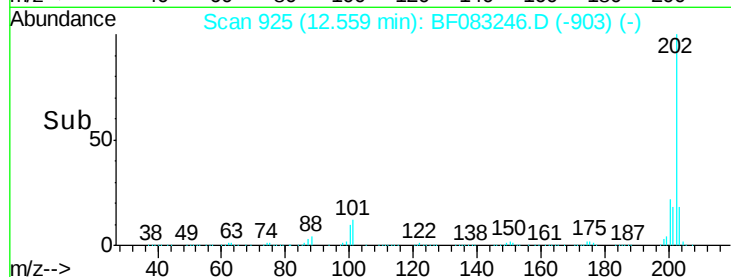
PB86825BS



Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	18.1	15.0	22.4

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



#78

Terphenyl-d14

Concen: 76.14 ng

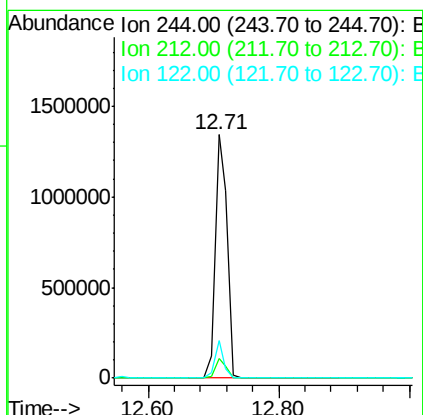
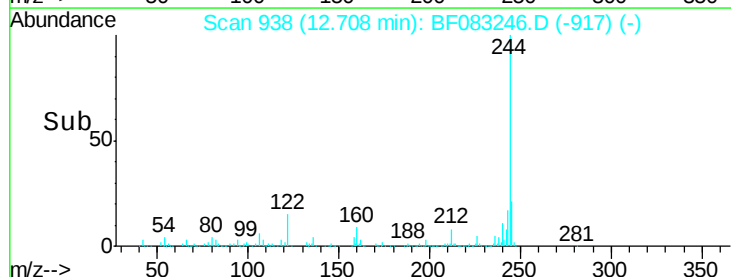
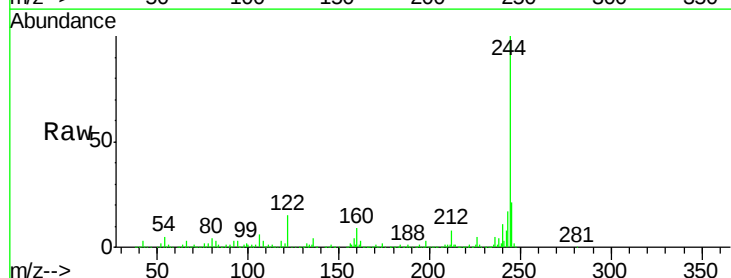
RT: 12.71 min Scan# 938

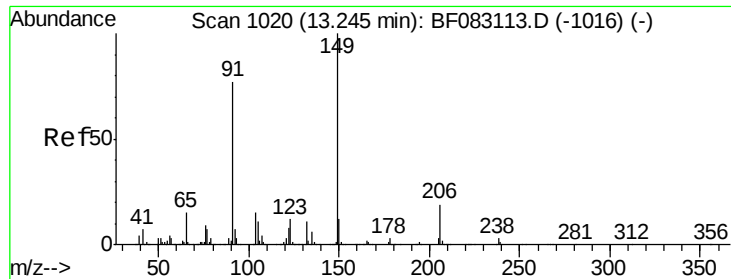
Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.2
122	15.5	4.3	6.5#





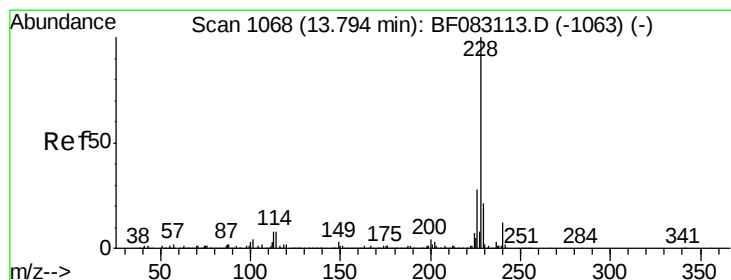
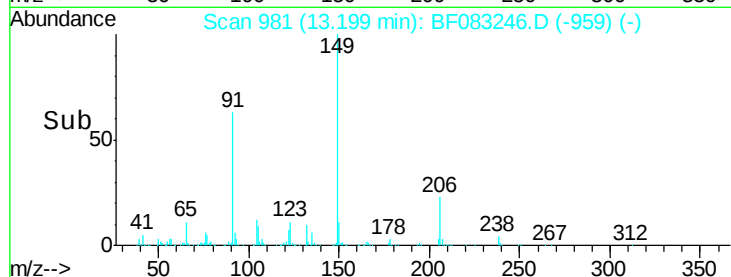
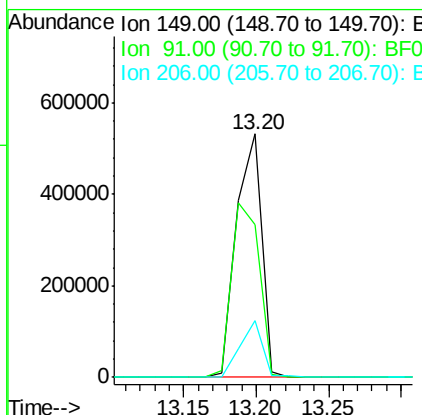
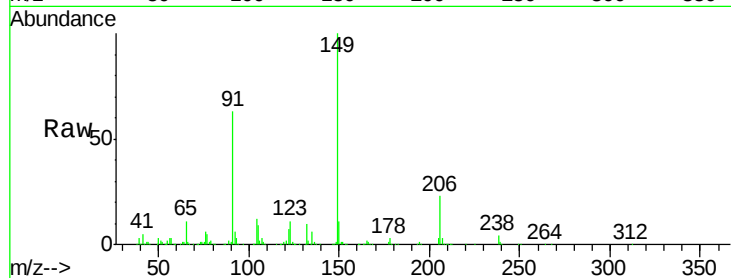
#79
Butylbenzylphthalate
Concen: 37.35 ng
RT: 13.20 min Scan# 981
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.8	61.5	92.3
206	23.2	15.3	22.9

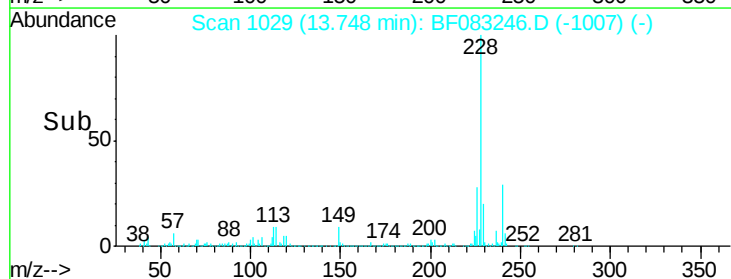
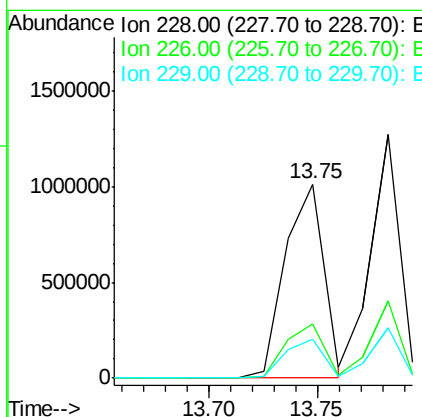
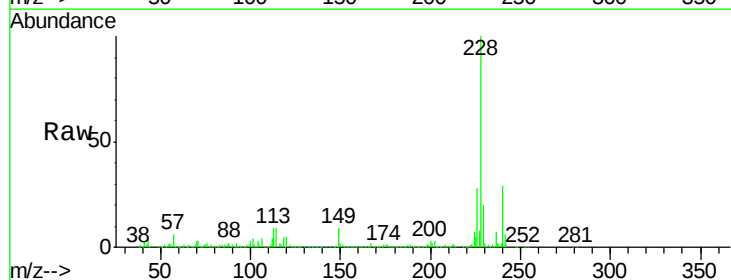
Manual Integrations
APPROVED

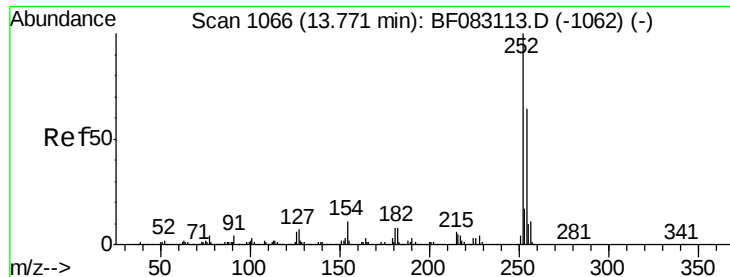
Mmdadoda
11/25/2015 12:54:32 PM



#80
Benzo(a)anthracene
Concen: 37.99 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.05 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.6	33.8
229	20.3	16.6	24.8





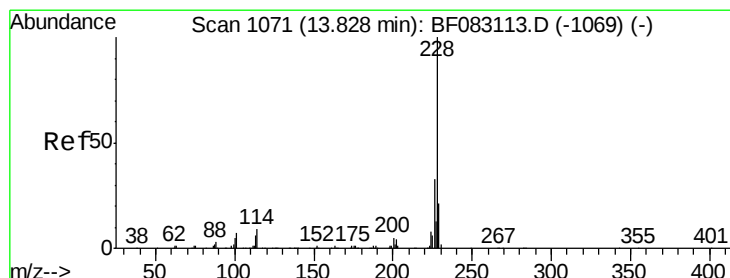
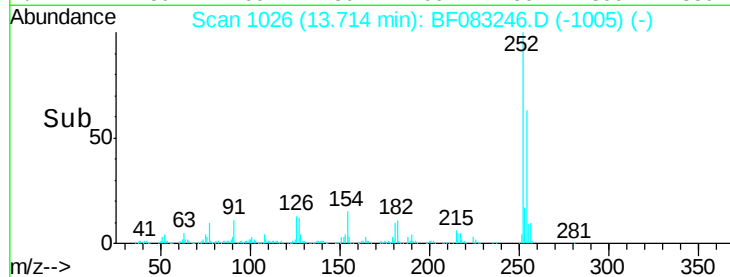
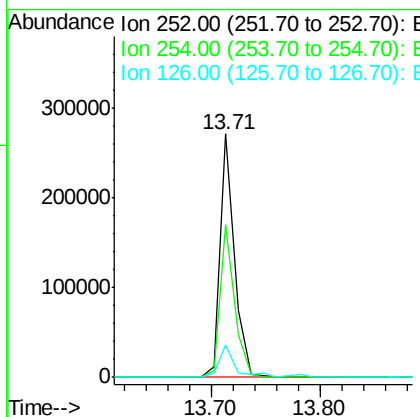
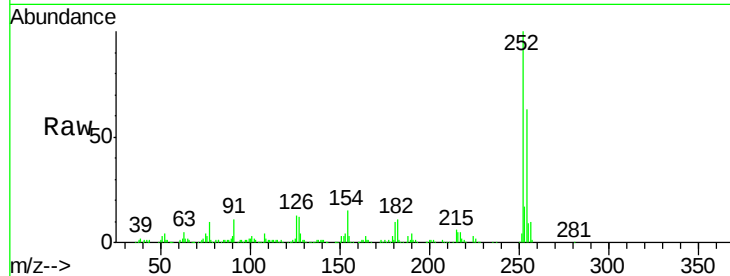
#81
 3,3'-Dichlorobenzidine
 Concen: 21.64 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	249946		
254	62.7	51.5	77.3	
126	13.5	5.2	7.8	

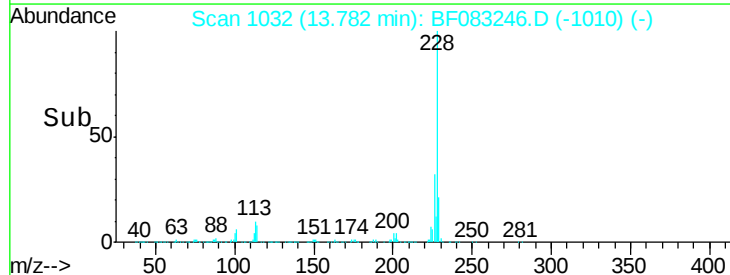
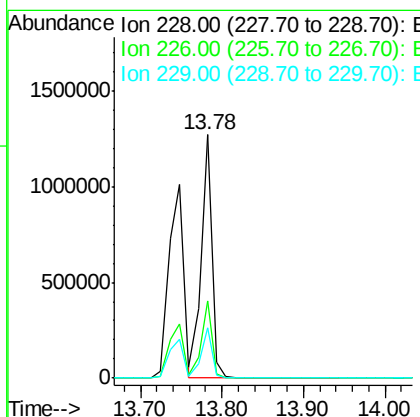
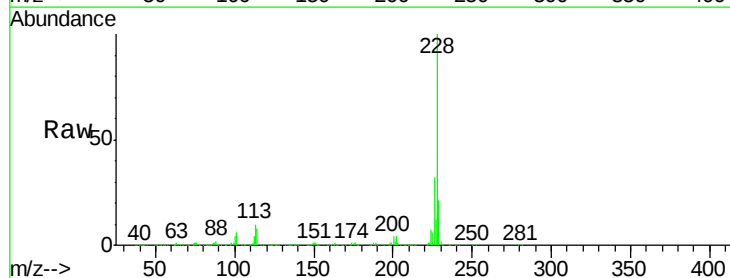
Manual Integrations
 APPROVED

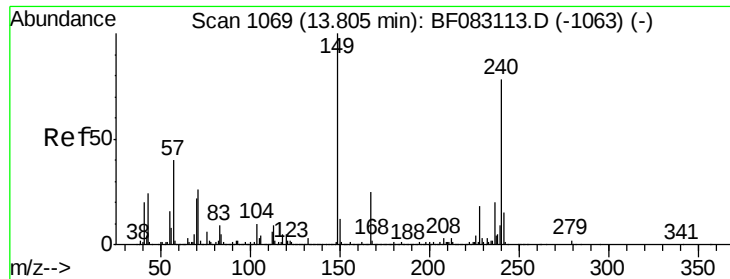
Mmdadoda
 11/25/2015 12:54:32 PM



#82
 Chrysene
 Concen: 38.82 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1194855		
226	31.9	25.5	38.3	
229	20.5	16.6	25.0	





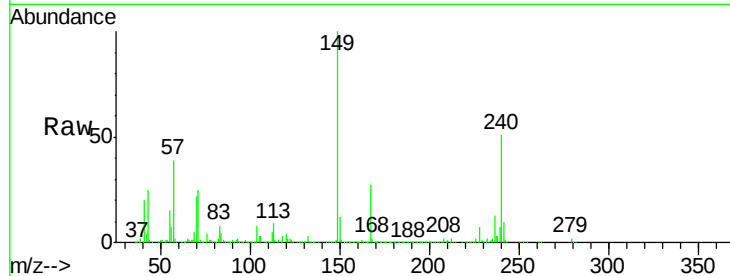
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.36 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

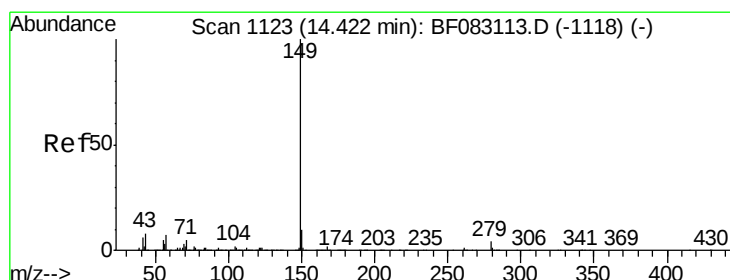
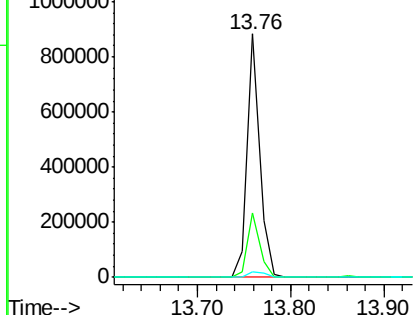
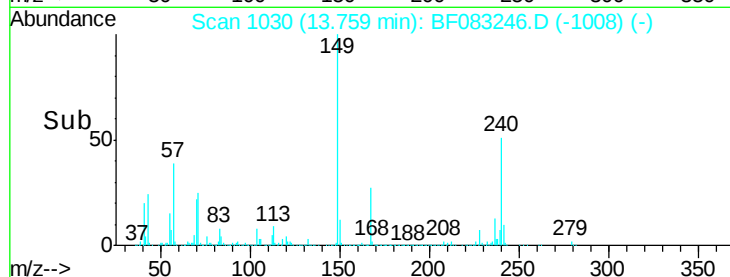
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	824130		
167	26.5	20.1	30.1	
279	2.4	1.7	2.5	

Manual Integrations
 APPROVED

Mmdadoda
 11/25/2015 12:54:32 PM

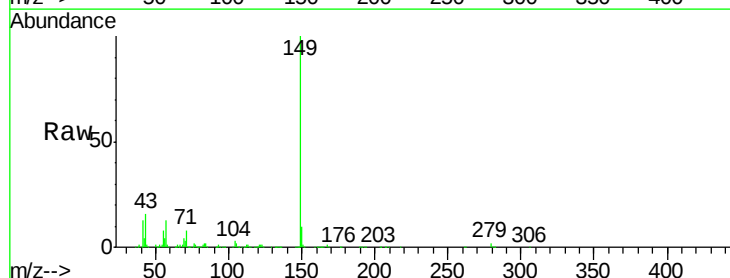


Abundance Ion 149.00 (148.70 to 149.70): E
 1200000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

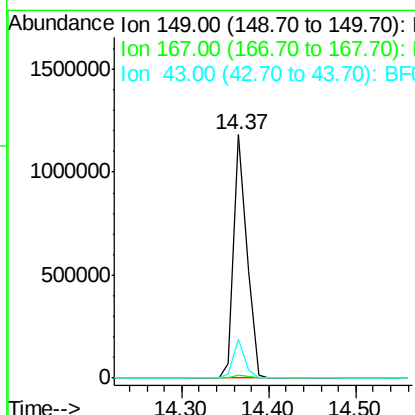
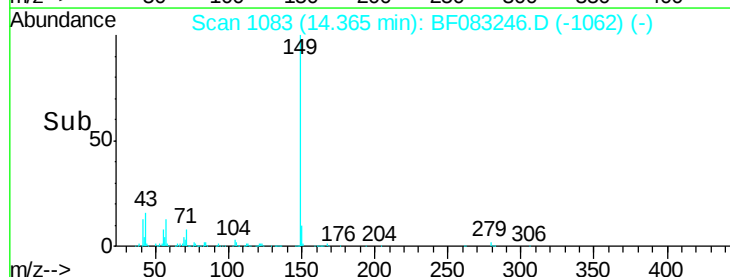


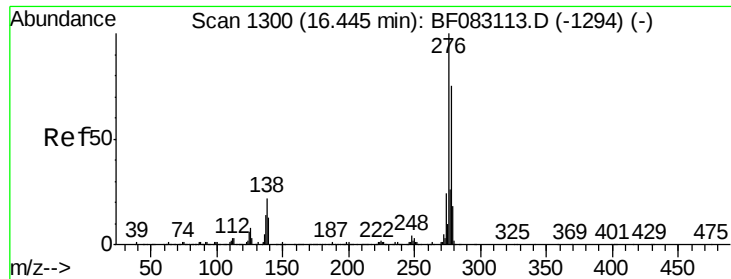
#84
 Di-n-octyl phthalate
 Concen: 31.49 ng
 RT: 14.37 min Scan# 1083
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1228484		
167	1.5	1.2	1.8	
43	14.1	9.5	14.3	



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





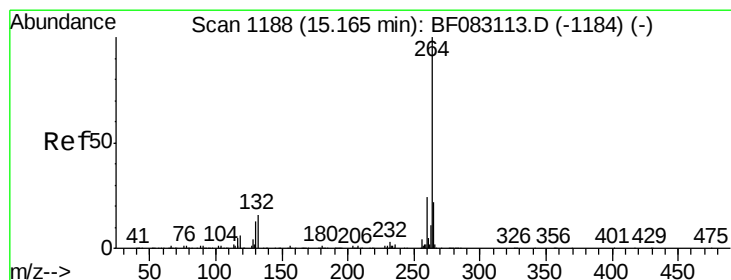
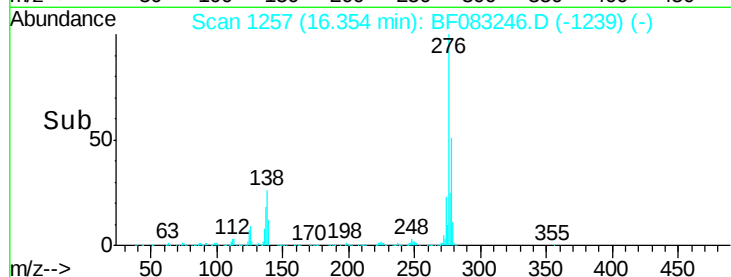
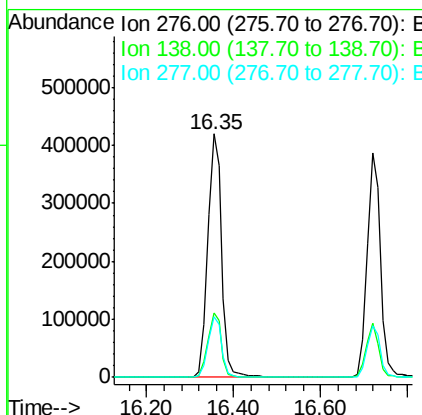
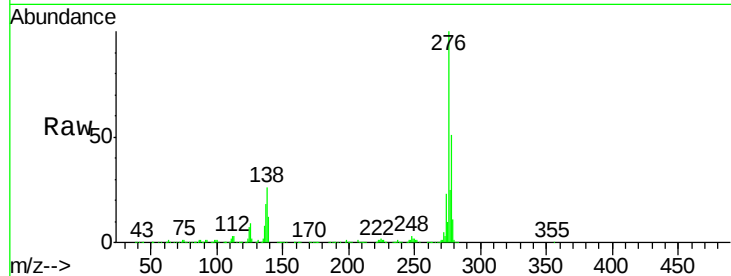
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.66 ng
 RT: 16.35 min Scan# 1257
 Delta R.T. -0.09 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.0	27.0
277	24.8	20.2	30.4

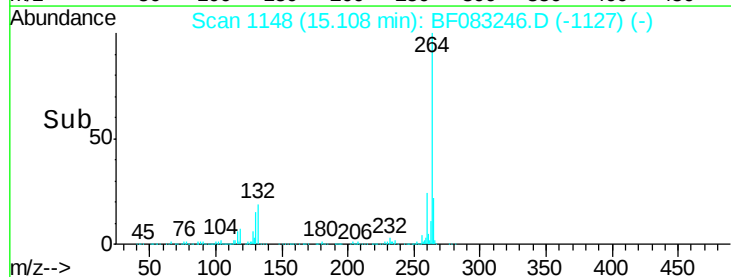
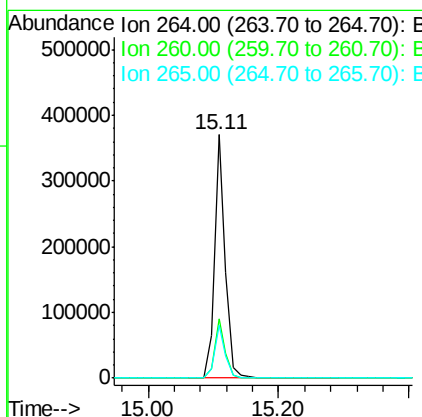
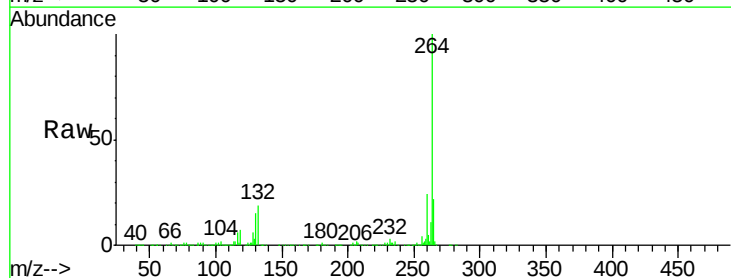
Manual Integrations
 APPROVED

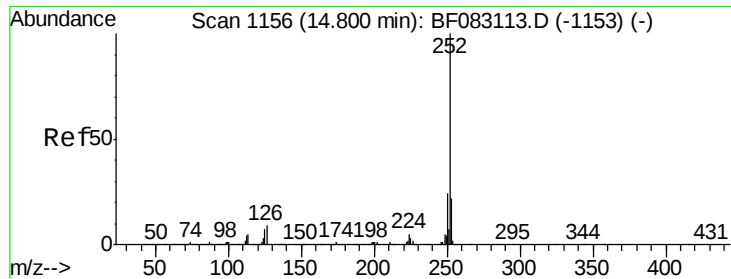
Mmdadoda
 11/25/2015 12:54:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF083246.D
 Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.0	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 31.67 ng m

RT: 14.74 min Scan# 1116

Delta R.T. -0.06 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

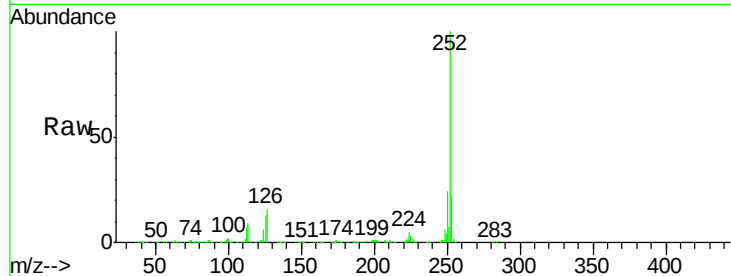
ClientSampleId :

PB86825BS

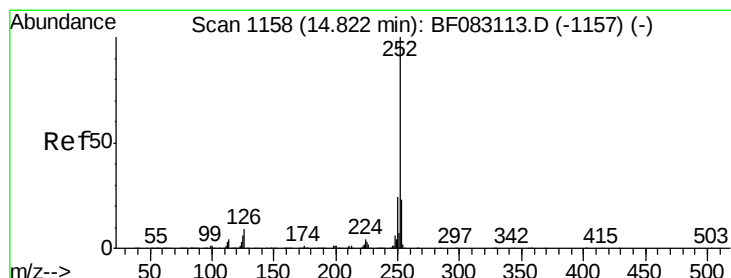
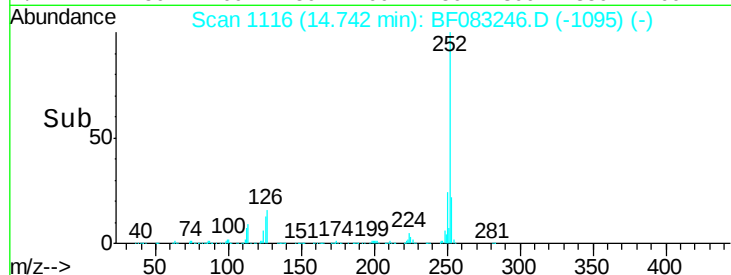
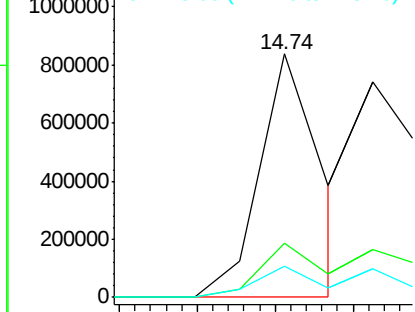
Tgt Ion:	252	Resp:	924630
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	12.8	5.6	8.4#

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM



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



#88

Benzo(k)fluoranthene

Concen: 41.99 ng m

RT: 14.77 min Scan# 1118

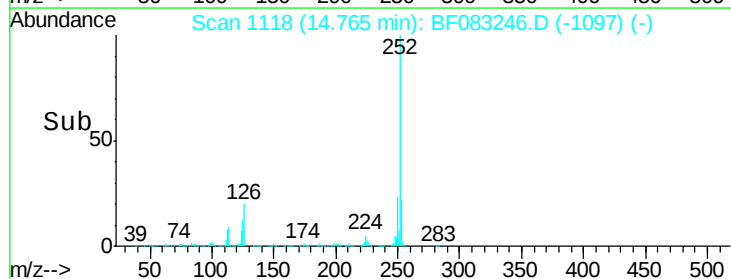
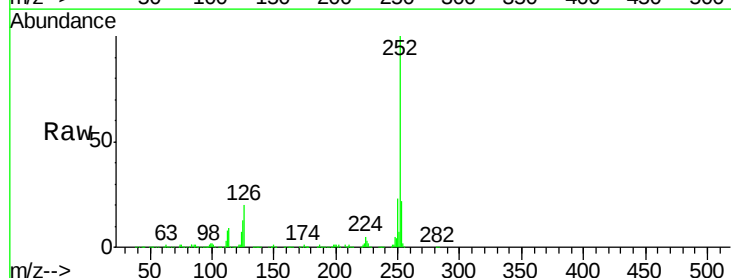
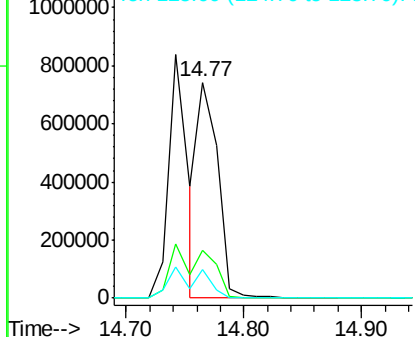
Delta R.T. -0.06 min

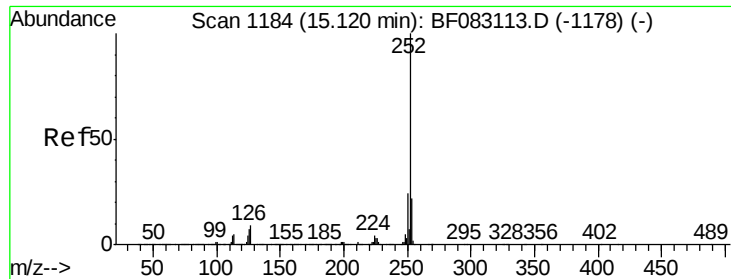
Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Tgt Ion:	252	Resp:	913493
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	13.5	6.8	10.2#

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





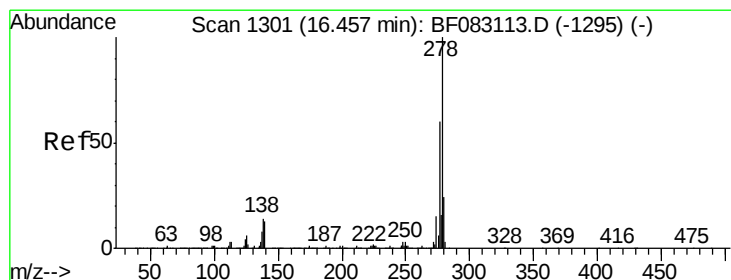
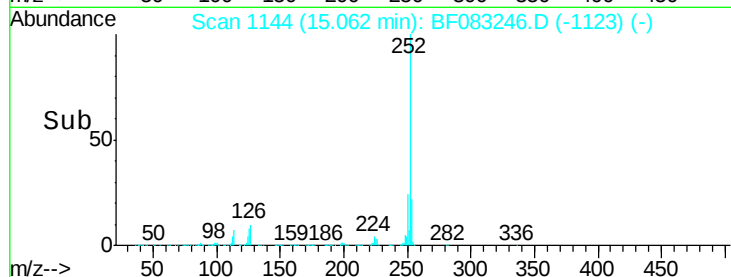
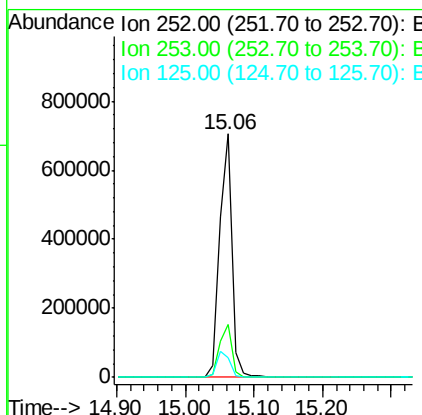
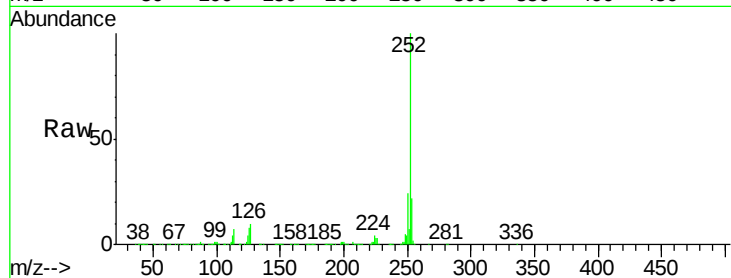
#89
Benzo(a)pyrene
Concen: 37.19 ng
RT: 15.06 min Scan# 1144
Delta R.T. -0.06 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Instrument :
BNA_F
ClientSampleId :
PB86825BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	7.9	5.4	8.0

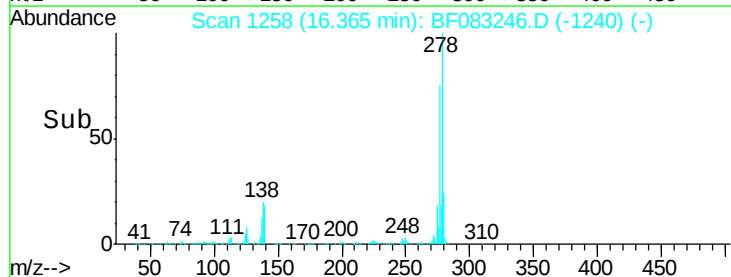
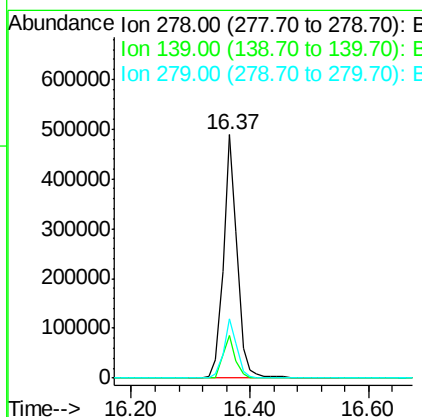
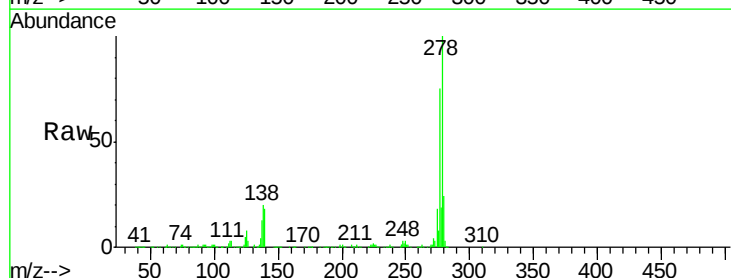
Manual Integrations
APPROVED

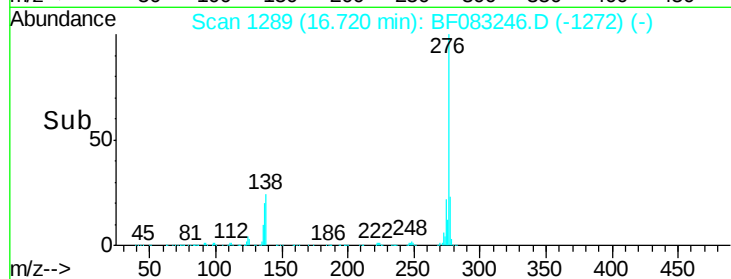
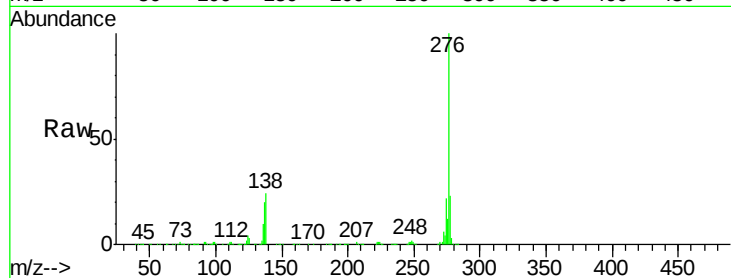
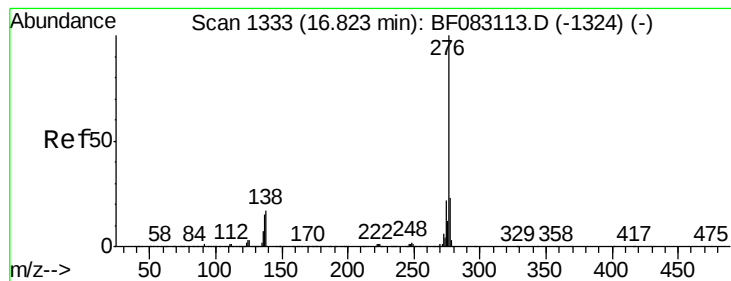
Mmdadoda
11/25/2015 12:54:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.93 ng
RT: 16.37 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF083246.D
Acq: 24 Nov 2015 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	10.7	16.1#
279	24.4	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 37.90 ng

RT: 16.72 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF083246.D

Acq: 24 Nov 2015 19:43

Instrument :

BNA_F

ClientSampleId :

PB86825BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.3	18.7	28.1		
138	24.0	13.9	20.9		

Manual Integrations
APPROVED

Mmdadoda
11/25/2015 12:54:32 PM

