

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080450.D
 Acq On : 14 Jul 2015 6:09
 Operator : TP/UM
 Sample : G2945-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Manual Integrations
 APPROVED

apatel
 7/15/2015 8:27:59 AM

Quant Time: Jul 14 07:34:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	10704	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	44409	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	22026	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	37664	20.00	ng	-0.02
75) Chrysene-d12	14.43	240	46839	20.00	ng	-0.29
86) Perylene-d12	16.10	264	61974	20.00	ng	-0.49

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	41800	66.92	ng	0.00
7) Phenol-d6	6.78	99	30789	37.00	ng	0.01
23) Nitrobenzene-d5	7.70	82	67864	87.16	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	22273	103.61	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	144094	88.11	ng	0.00
78) Terphenyl-d14	13.26	244	154860	71.80	ng	-0.14

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	4009	13.33	ng	# 79
3) Pyridine	4.04	79	5975m	8.95	ng	
4) n-Nitrosodimethylamine	3.77	42	5247	14.33	ng	# 73
6) Aniline	6.81	93	14538	14.01	ng	91
8) 2-Chlorophenol	6.93	128	23805	31.63	ng	93
9) Benzaldehyde	6.69	77	11760	25.54	ng	89
10) Phenol	6.80	94	13094	14.24	ng	89
11) bis(2-Chloroethyl)ether	6.85	93	27733	36.63	ng	91
12) 1,3-Dichlorobenzene	7.07	146	29718	34.92	ng	97
13) 1,4-Dichlorobenzene	7.15	146	32530	33.90	ng	99
14) 1,2-Dichlorobenzene	7.31	146	29244	32.17	ng	97
15) Benzyl Alcohol	7.29	79	15697	22.92	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.40	45	49016	44.89	ng	# 51
17) 2-Methylphenol	7.40	107	14770	22.58	ng	# 83
18) Hexachloroethane	7.65	117	9531	32.19	ng	92
19) n-Nitroso-di-n-propylamine	7.54	70	19471	34.19	ng	94
20) 3+4-Methylphenols	7.55	107	20916	25.45	ng	# 48
22) Acetophenone	7.54	105	43604	40.97	ng	# 97
24) Nitrobenzene	7.72	77	32899	38.19	ng	91
25) Isophorone	7.95	82	60270	43.19	ng	# 92
26) 2-Nitrophenol	8.04	139	12693	30.70	ng	97
27) 2,4-Dimethylphenol	8.08	122	23357	35.88	ng	96
28) bis(2-Chloroethoxy)methane	8.16	93	38240	45.29	ng	98
29) 2,4-Dichlorophenol	8.28	162	22232	37.00	ng	87
30) 1,2,4-Trichlorobenzene	8.36	180	25133	31.62	ng	94
31) Naphthalene	8.44	128	90827	37.40	ng	99
32) Benzoic acid	8.16	122	3390	7.41	ng	97
33) 4-Chloroaniline	8.50	127	14816	18.00	ng	96
34) Hexachlorobutadiene	8.56	225	15388	33.35	ng	98
35) Caprolactam	8.85	113	729	4.24	ng	# 75
36) 4-Chloro-3-methylphenol	8.98	107	22787	35.81	ng	88
37) 2-Methylnaphthalene	9.13	142	55489	34.62	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.30	216	27781	37.69	ng	97
40) Hexachlorocyclopentadiene	9.29	237	28875	75.10	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080450.D
 Acq On : 14 Jul 2015 6:09
 Operator : TP/UM
 Sample : G2945-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Manual Integrations
 APPROVED

apatel
 7/15/2015 8:27:59 AM

Quant Time: Jul 14 07:34:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	16030	37.77	ng	96
43) 2,4,5-Trichlorophenol	9.46	196	18135	39.81	ng #	87
45) 1,1'-Biphenyl	9.60	154	77646	40.44	ng	97
46) 2-Chloronaphthalene	9.62	162	53333	37.63	ng #	92
47) 2-Nitroaniline	9.73	65	13954	32.67	ng #	83
48) Acenaphthylene	10.04	152	96115	39.65	ng	99
49) Dimethylphthalate	9.89	163	66930	40.20	ng	99
50) 2,6-Dinitrotoluene	9.95	165	11802	31.58	ng #	57
51) Acenaphthene	10.21	154	60940	39.55	ng	98
52) 3-Nitroaniline	10.14	138	8063	22.10	ng	82
53) 2,4-Dinitrophenol	10.24	184	12238	71.21	ng #	82
54) Dibenzofuran	10.38	168	87593	42.93	ng	95
55) 4-Nitrophenol	10.32	139	7923	30.12	ng	86
56) 2,4-Dinitrotoluene	10.36	165	18630	42.64	ng #	69
57) Fluorene	10.73	166	70727	41.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.51	232	14474	36.22	ng #	92
59) Diethylphthalate	10.59	149	60571	37.16	ng #	91
60) 4-Chlorophenyl-phenylether	10.72	204	30006	36.24	ng #	82
61) 4-Nitroaniline	10.75	138	9601	27.07	ng	96
62) Azobenzene	10.88	77	70030	39.80	ng	87
64) 4,6-Dinitro-2-methylphenol	10.77	198	7891	38.27	ng #	63
65) n-Nitrosodiphenylamine	10.83	169	58134	49.52	ng	99
66) 4-Bromophenyl-phenylether	11.21	248	17570	43.77	ng #	80
67) Hexachlorobenzene	11.28	284	18662	46.31	ng #	71
68) Atrazine	11.36	200	16236	44.47	ng	97
69) Pentachlorophenol	11.48	266	18040	78.38	ng	98
70) Phenanthrene	11.69	178	93869	41.48	ng	99
71) Anthracene	11.74	178	104902	50.06	ng	99
72) Carbazole	11.90	167	94483	48.86	ng	98
73) Di-n-butylphthalate	12.21	149	100495	49.15	ng	99
74) Fluoranthene	12.90	202	103030	43.90	ng	98
77) Pyrene	13.13	202	106754m	35.57	ng	
79) Butylbenzylphthalate	13.77	149	43855	38.55	ng #	80
80) Benzo(a)anthracene	14.42	228	115890	39.26	ng	99
81) 3,3'-Dichlorobenzidine	14.37	252	15219	17.25	ng	96
82) Chrysene	14.45	228	113779	41.86	ng	99
83) Bis(2-ethylhexyl)phthalate	14.37	149	70085	39.26	ng #	95
84) Di-n-octyl phthalate	15.09	149	119007	37.85	ng #	91
85) Indeno(1,2,3-cd)pyrene	17.73	276	240898	71.35	ng	97
87) Benzo(b)fluoranthene	15.62	252	160993	37.40	ng	98
88) Benzo(k)fluoranthene	15.65	252	119687m	34.00	ng	
89) Benzo(a)pyrene	16.03	252	150889	40.00	ng	98
90) Dibenzo(a,h)anthracene	17.75	278	199412	53.37	ng	97
91) Benzo(g,h,i)perylene	18.23	276	221284	59.61	ng	99

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

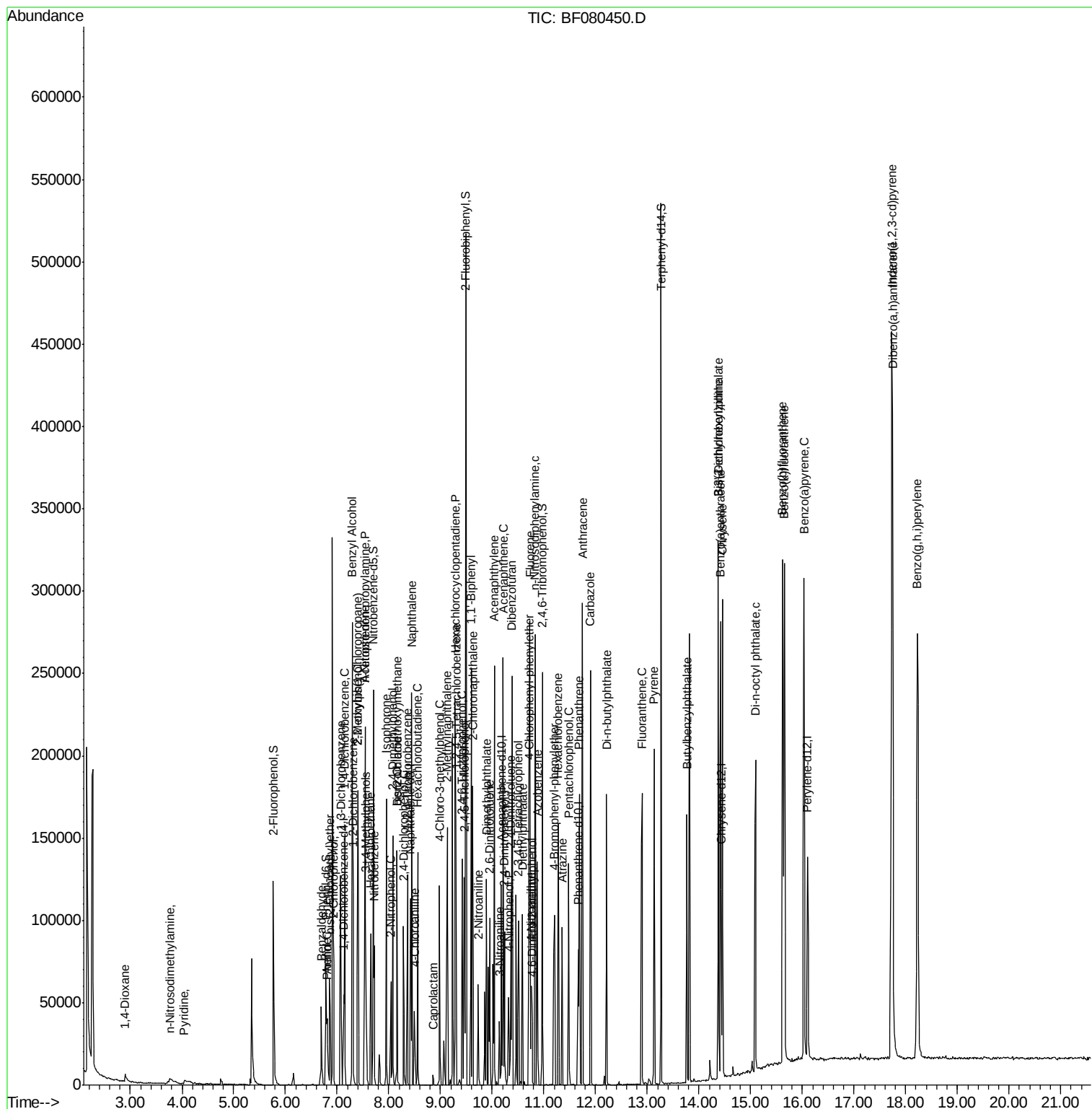
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\  
Data File : BF080450.D  
Acq On    : 14 Jul 2015    6:09  
Operator  : TP/UM  
Sample    : G2945-21MSD  
Misc      :  
ALS Vial  : 22    Sample Multiplier: 1
```

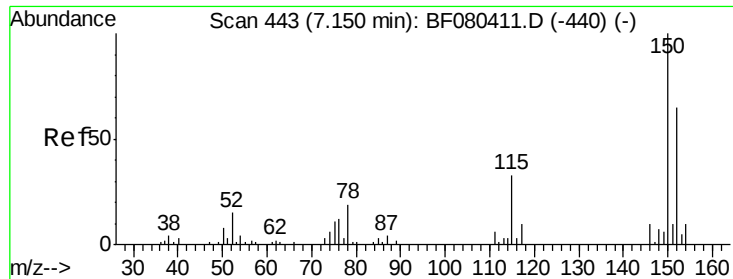
Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Manual Integrations APPROVED

apatel
7/15/2015 8:27:59 AM

Quant Time: Jul 14 07:34:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

ClientSampleId :

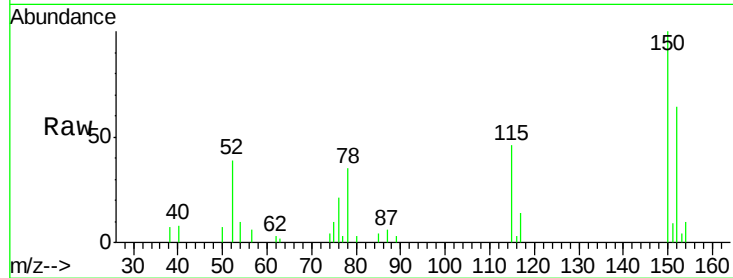
TE-PMV-34MSD

Manual Integrations
APPROVED

apatel

7/15/2015 8:27:59 AM

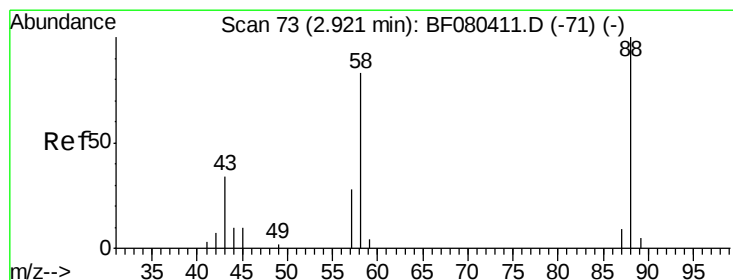
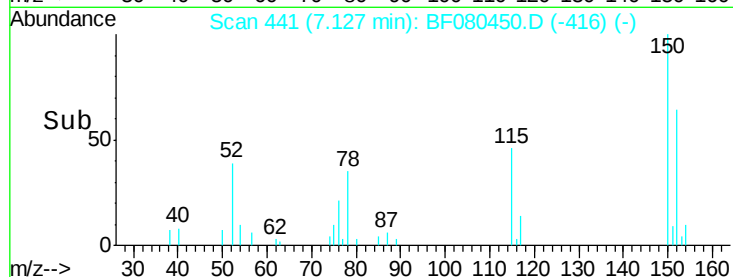
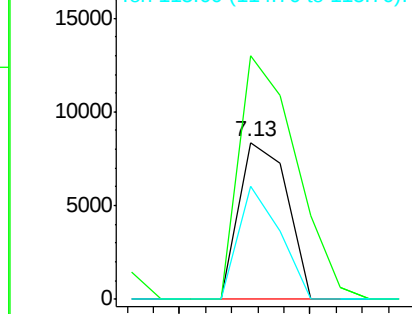
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.3	183.5
115	72.1	41.0	61.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 13.33 ng

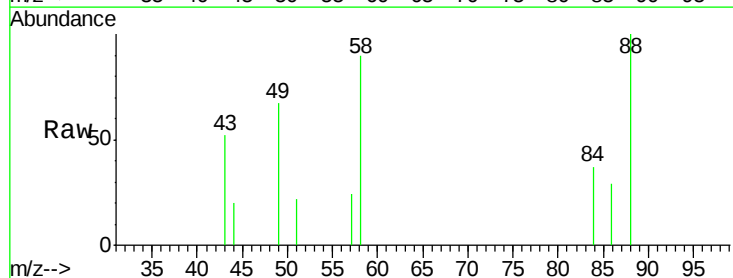
RT: 2.90 min Scan# 71

Delta R.T. 0.03 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

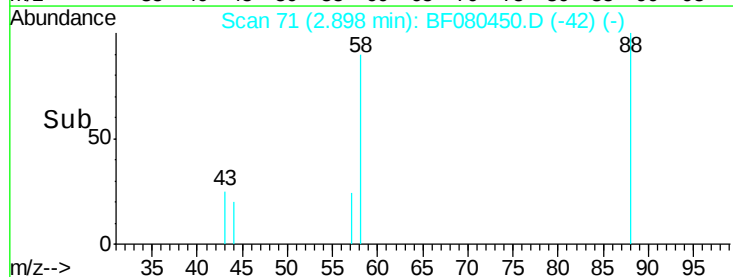
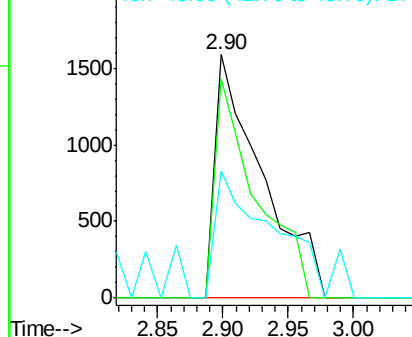
Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	62.4	93.6
43	68.0	24.4	36.6

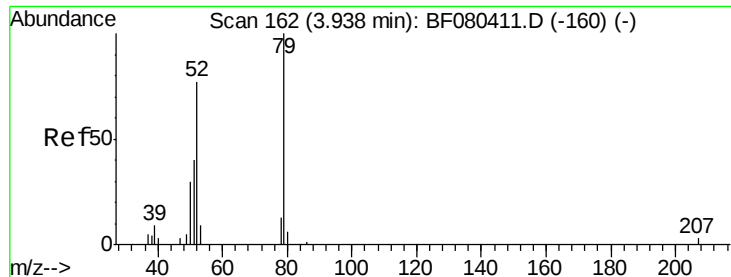


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 8.95 ng m

RT: 4.04 min Scan# 171

Delta R.T. 0.19 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

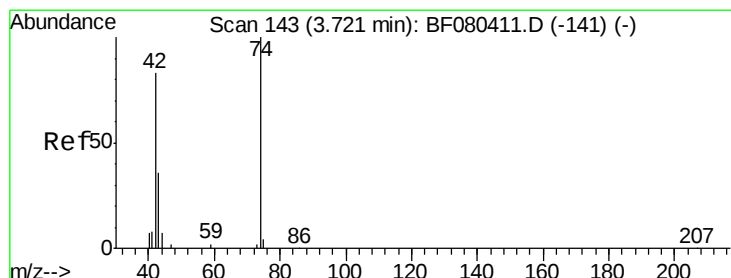
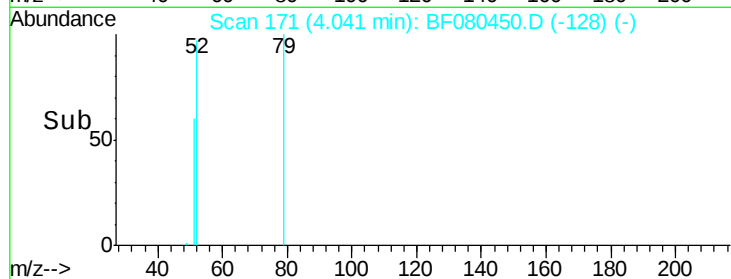
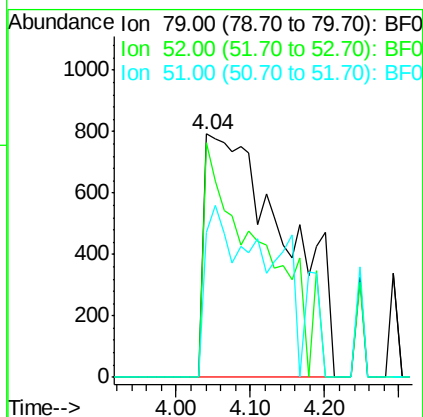
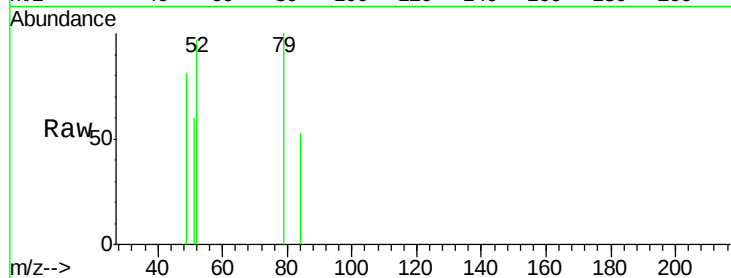
ClientSampled :

TE-PMV-34MSD

Tgt Ion:	79	Resp:	5975
Ion Ratio	Lower	Upper	
79	100		
52	96.6	61.6	92.4#
51	59.6	34.5	51.7#

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#4

n-Nitrosodimethylamine

Concen: 14.33 ng

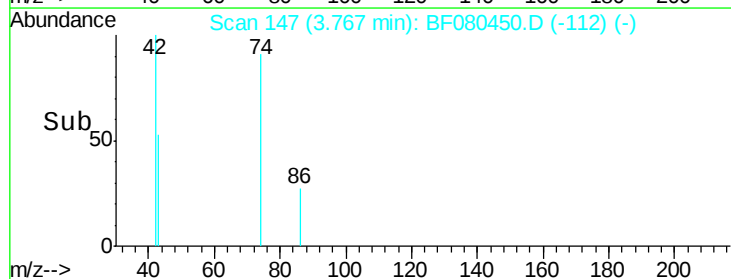
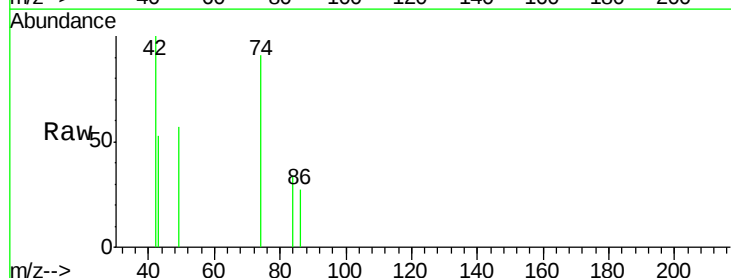
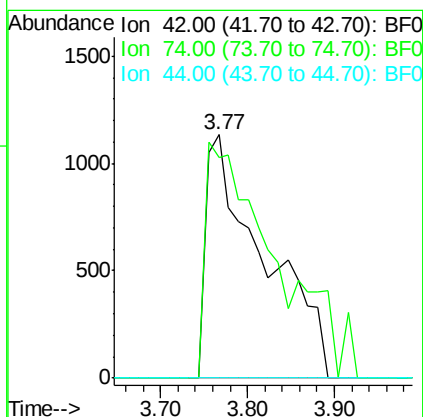
RT: 3.77 min Scan# 147

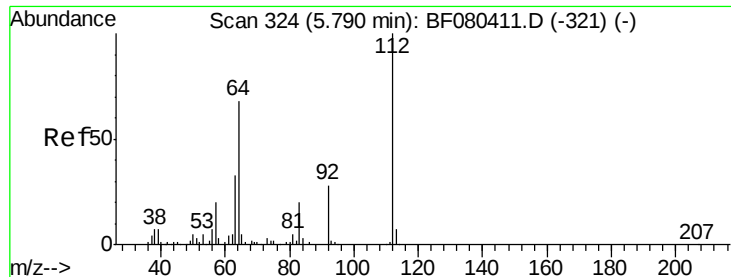
Delta R.T. 0.10 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	42	Resp:	5247
Ion Ratio	Lower	Upper	
42	100		
74	90.6	97.0	145.4#
44	0.0	6.3	9.5#





#5

2-Fluorophenol

Concen: 66.92 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080450.D

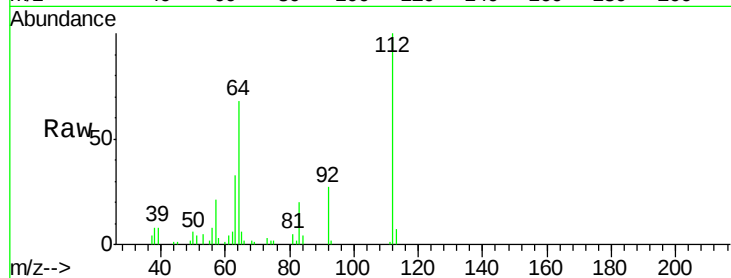
Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

ClientSampleId :

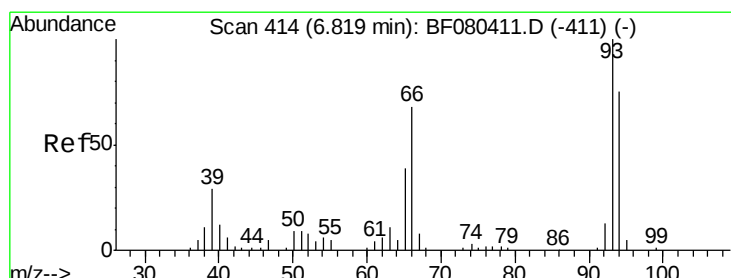
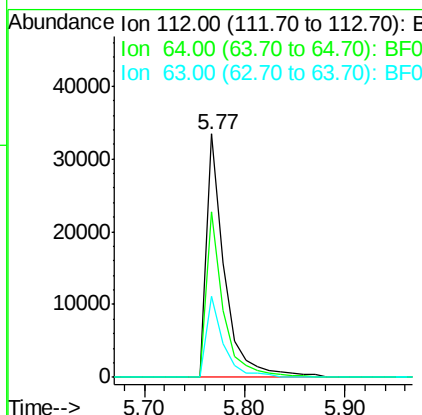
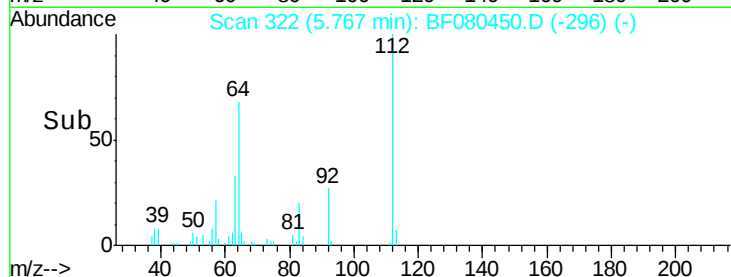
TE-PMV-34MSD



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	41800		
64	67.8	54.3	81.5	
63	33.5	26.7	40.1	

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#6

Aniline

Concen: 14.01 ng

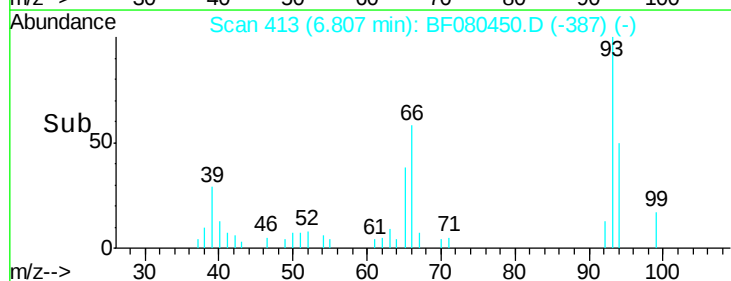
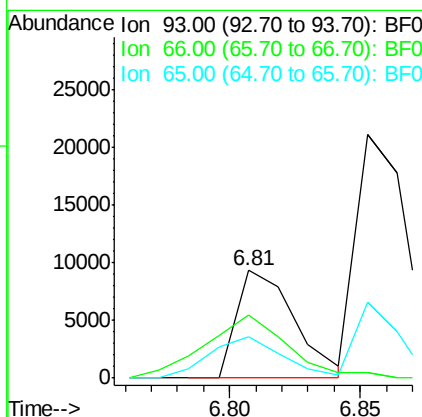
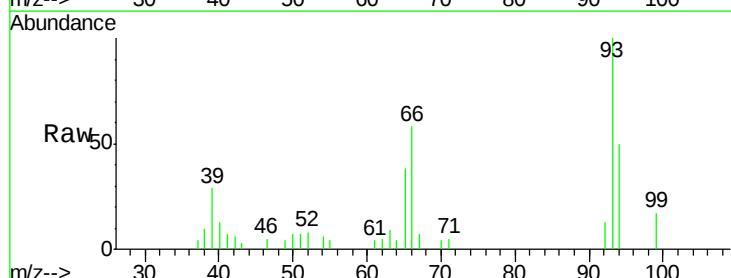
RT: 6.81 min Scan# 413

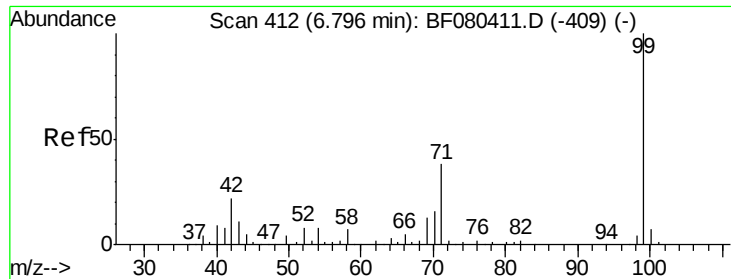
Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	14538		
66	58.3	54.8	82.2	
65	38.1	31.4	47.2	





#7

Phenol-d6

Concen: 37.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

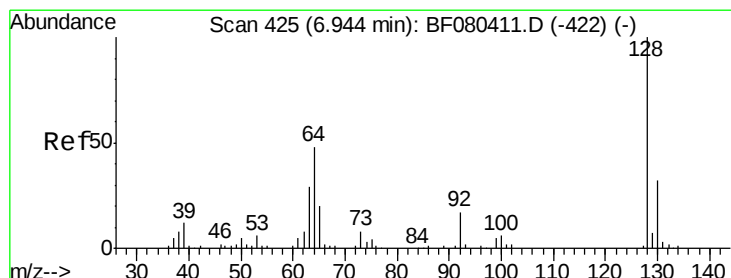
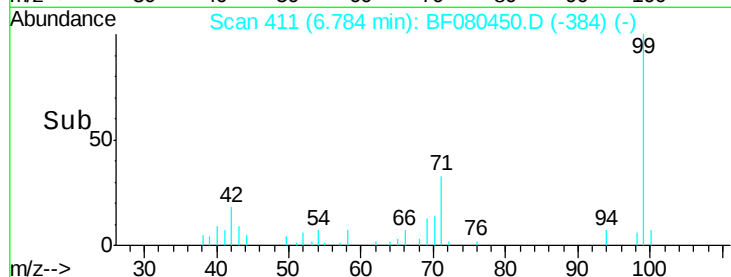
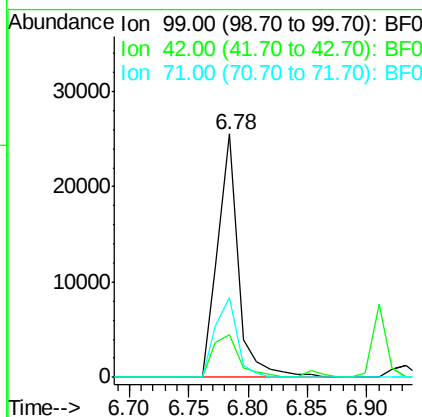
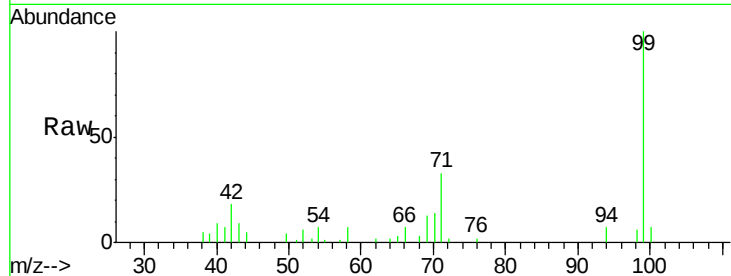
ClientSampleId :

TE-PMV-34MSD

Tgt Ion:	99	Resp:	30789
Ion Ratio	Lower	Upper	
99	100		
42	17.6	17.9	26.9#
71	32.5	30.1	45.1

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#8

2-Chlorophenol

Concen: 31.63 ng

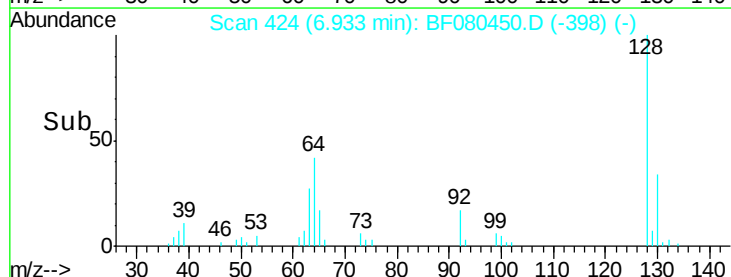
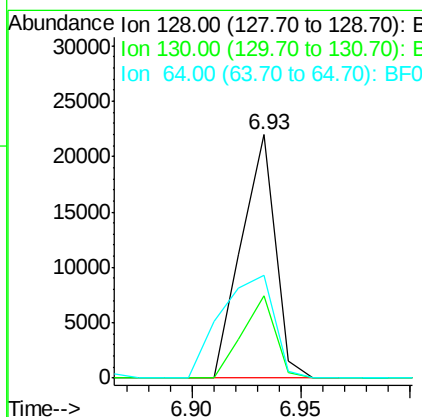
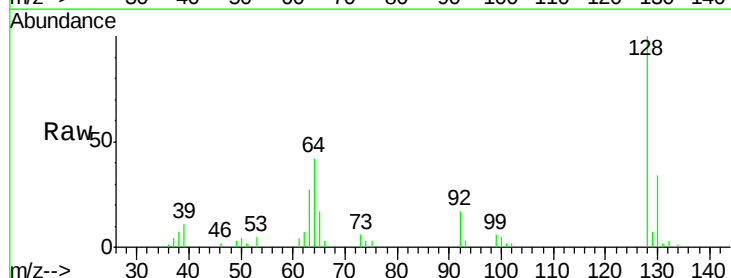
RT: 6.93 min Scan# 424

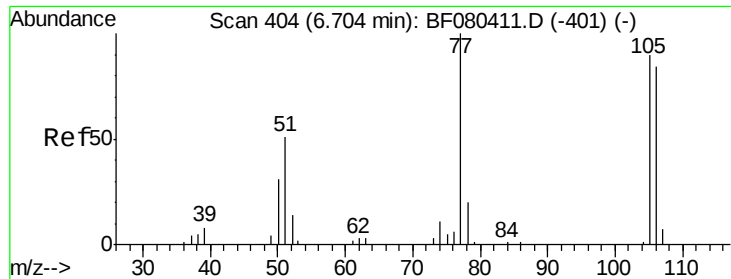
Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	128	Resp:	23805
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.7	51.7
64	42.2	28.0	68.0





#9

Benzaldehyde

Concen: 25.54 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

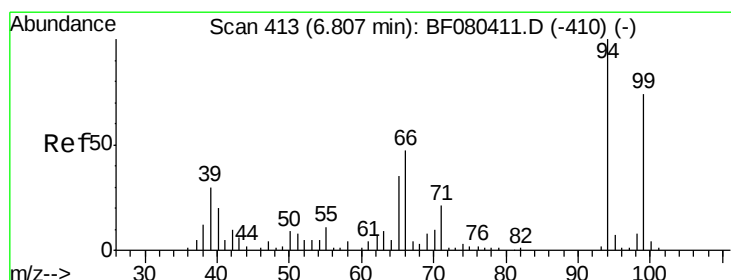
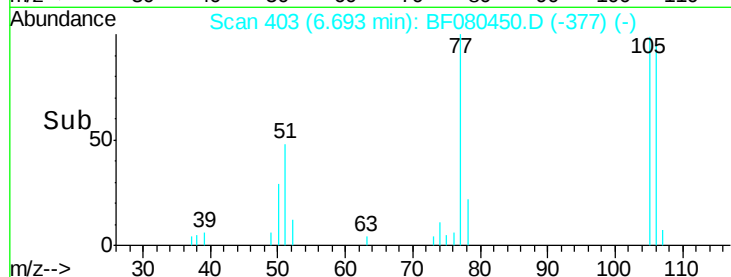
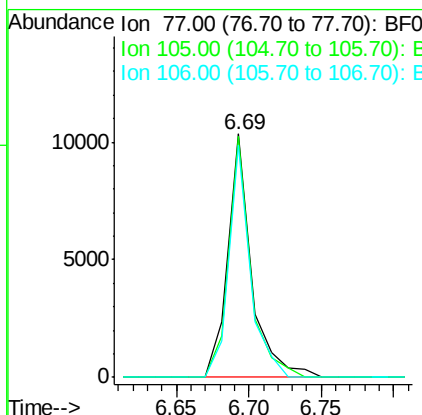
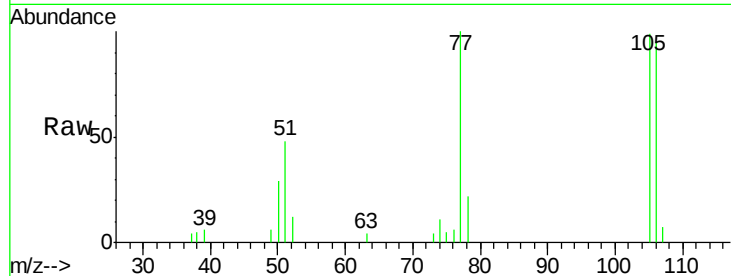
ClientSampleId :

TE-PMV-34MSD

Tgt Ion:	77	Resp:	11760
Ion Ratio	Lower	Upper	
77	100		
105	99.2	69.6	109.6
106	95.1	63.6	103.6

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#10

Phenol

Concen: 14.24 ng

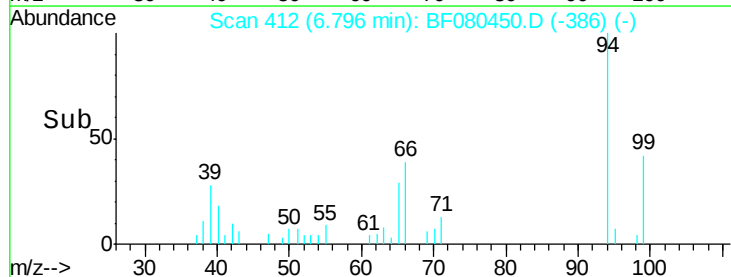
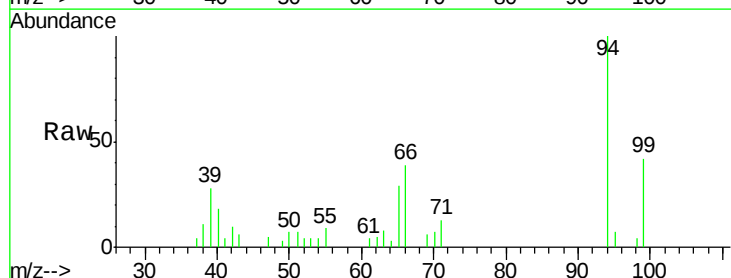
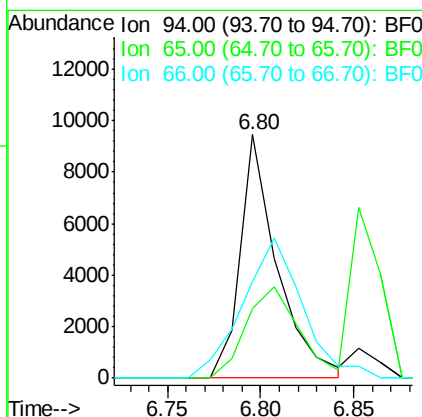
RT: 6.80 min Scan# 412

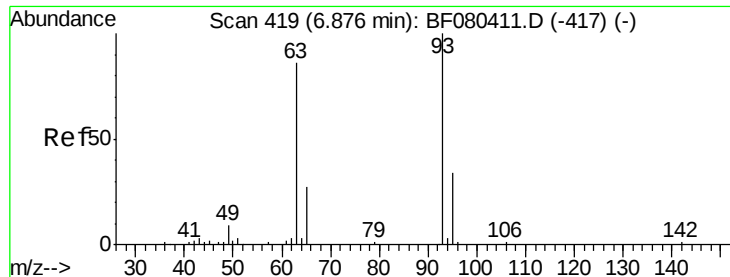
Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	94	Resp:	13094
Ion Ratio	Lower	Upper	
94	100		
65	28.7	15.0	55.0
66	39.5	27.1	67.1





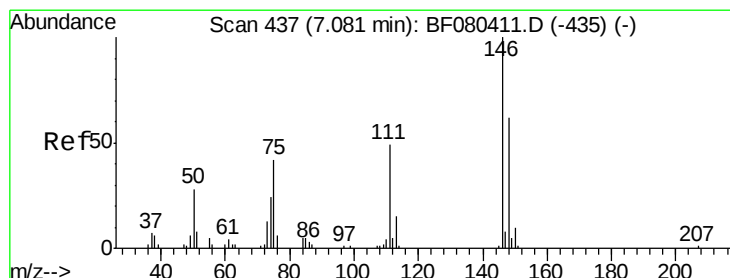
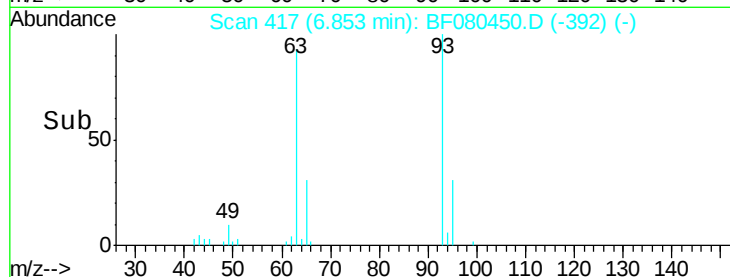
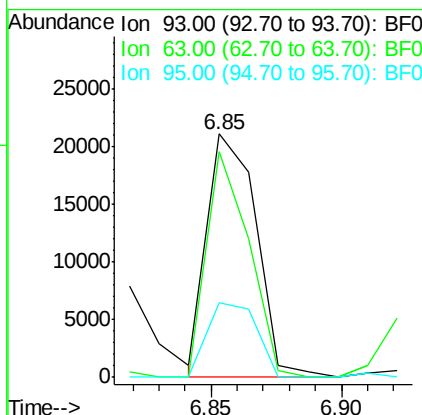
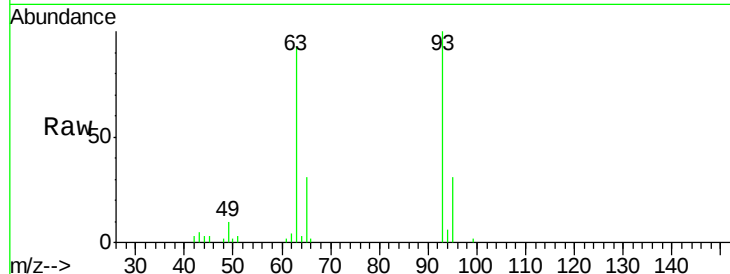
#11
bis(2-Chloroethyl)ether
Concen: 36.63 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.6	62.9	102.9
95	30.5	12.2	52.2

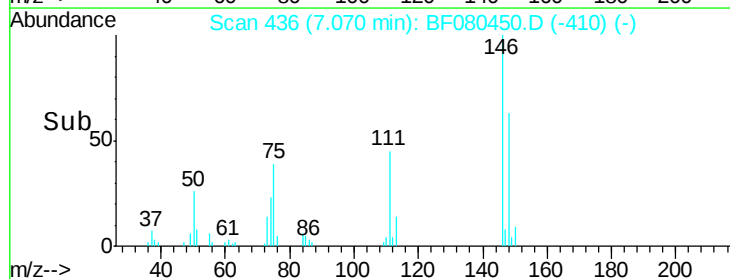
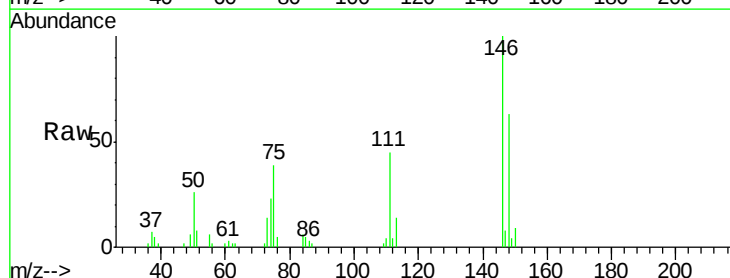
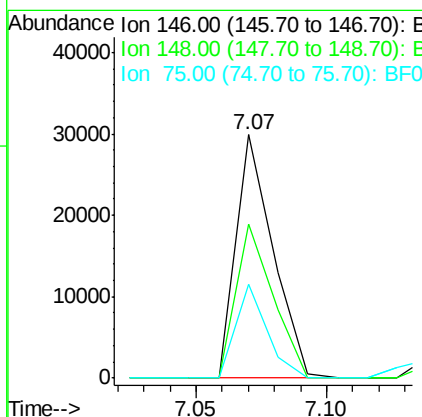
Manual Integrations
APPROVED

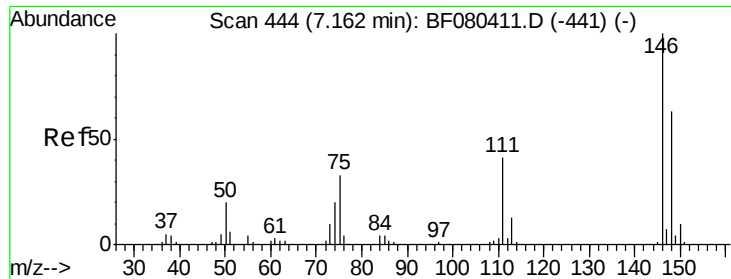
apatel
7/15/2015 8:27:59 AM



#12
1,3-Dichlorobenzene
Concen: 34.92 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.5	74.3
75	38.7	33.4	50.2





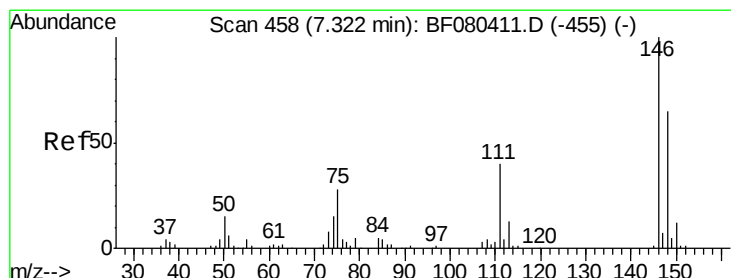
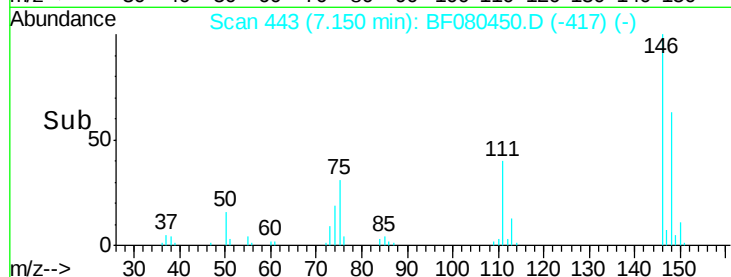
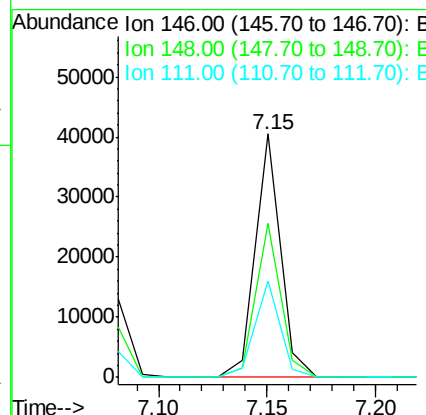
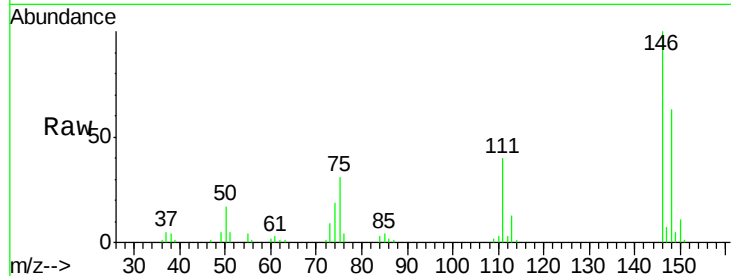
#13
 1,4-Dichlorobenzene
 Concen: 33.90 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	32530		
148	63.3	50.3	75.5	
111	39.8	33.1	49.7	

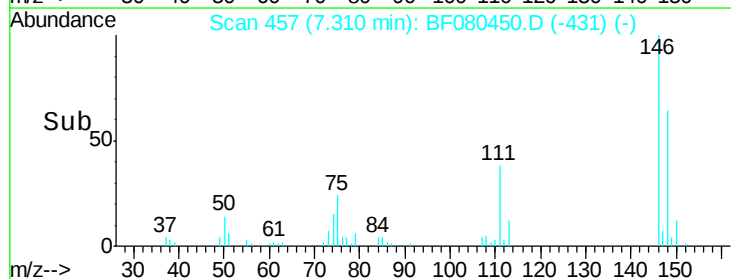
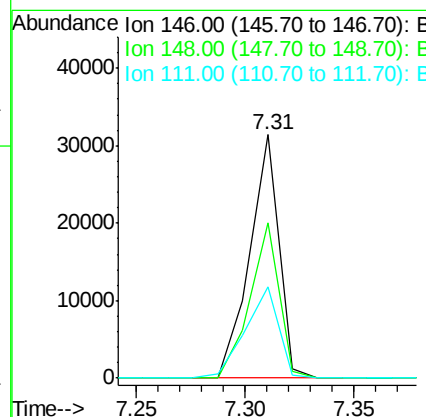
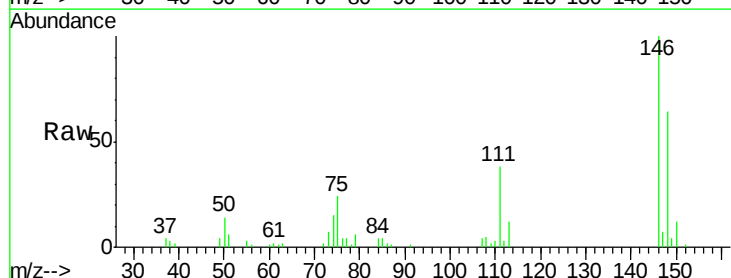
Manual Integrations
 APPROVED

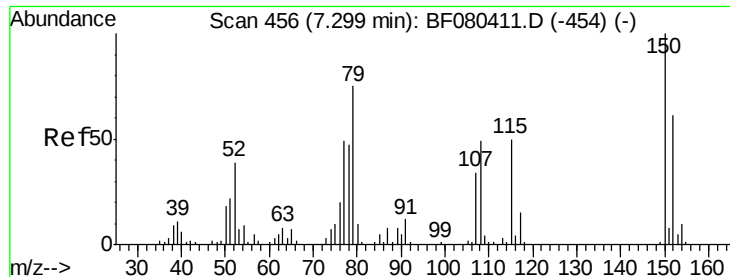
apatel
 7/15/2015 8:27:59 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.17 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	29244		
148	63.6	52.2	78.4	
111	37.7	32.2	48.2	





#15

Benzyl Alcohol

Concen: 22.92 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

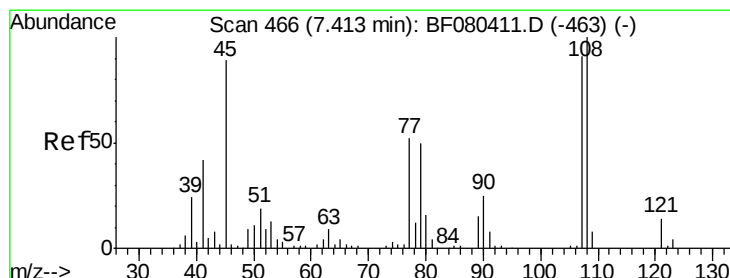
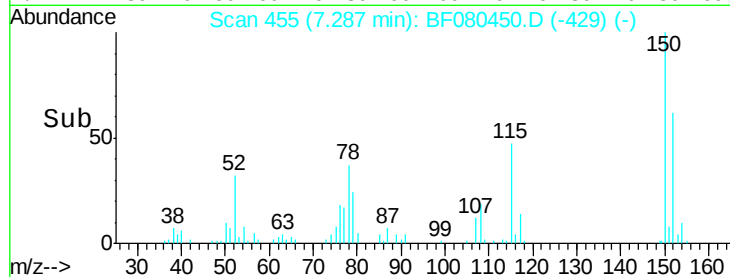
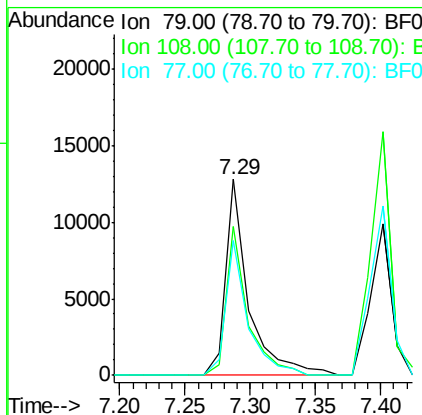
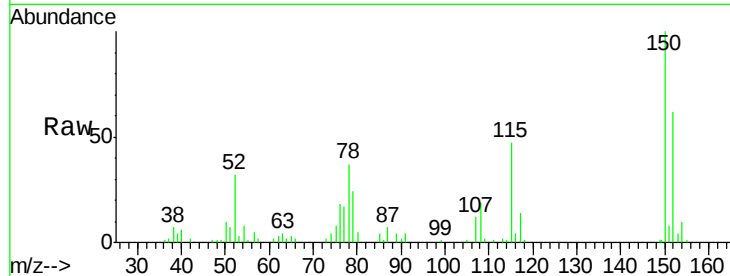
ClientSampleId :

TE-PMV-34MSD

Tgt Ion:	79	Resp:	15697
Ion Ratio	Lower	Upper	
79	100		
108	76.0	51.6	77.4
77	69.0	52.2	78.2

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.89 ng

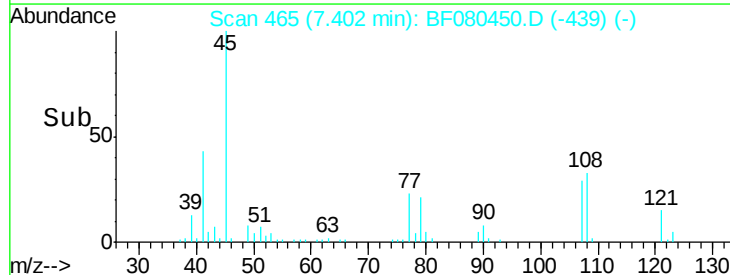
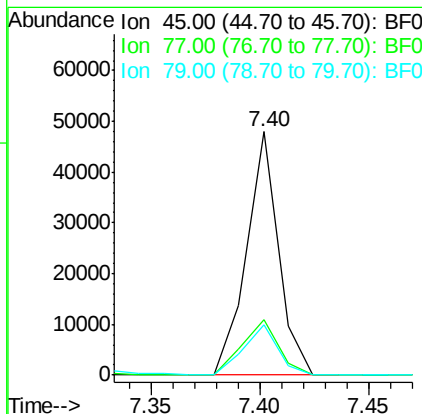
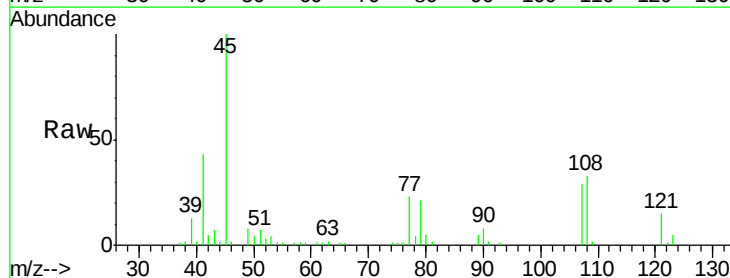
RT: 7.40 min Scan# 465

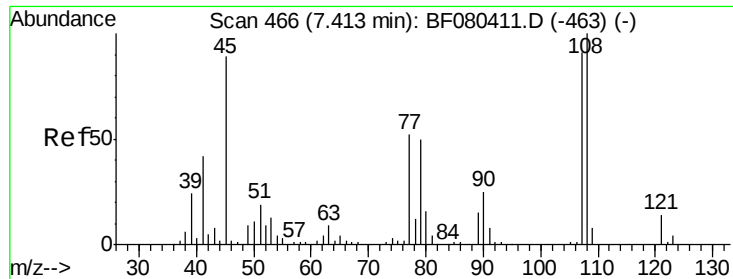
Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	45	Resp:	49016
Ion Ratio	Lower	Upper	
45	100		
77	23.0	39.1	79.1#
79	20.7	37.2	77.2#





#17

2-Methylphenol

Concen: 22.58 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

ClientSampleId :

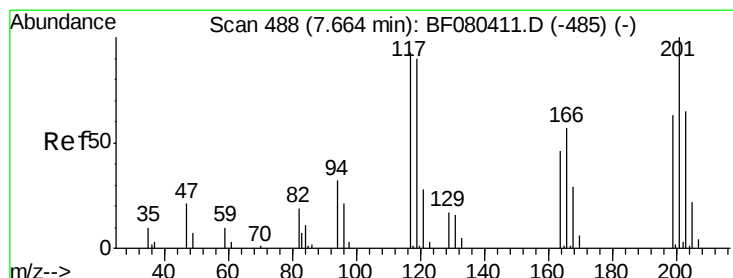
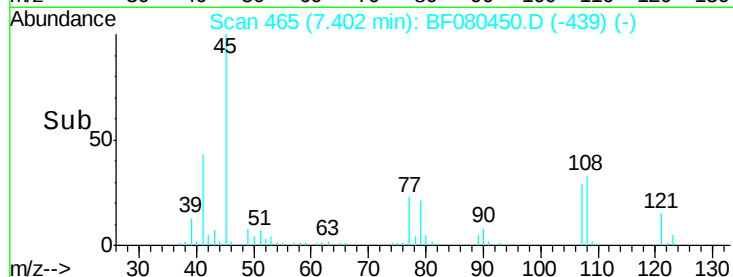
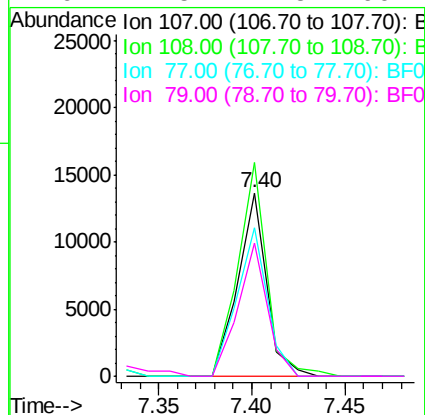
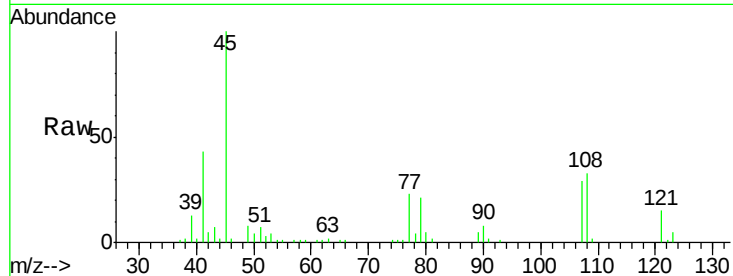
TE-PMV-34MSD

Manual Integrations
APPROVED

apatel

7/15/2015 8:27:59 AM

Tgt Ion:	107	Resp:	14770
Ion Ratio	Lower	Upper	
107	100		
108	116.3	88.0	132.0
77	80.7	45.9	68.9#
79	72.5	44.5	66.7#



#18

Hexachloroethane

Concen: 32.19 ng

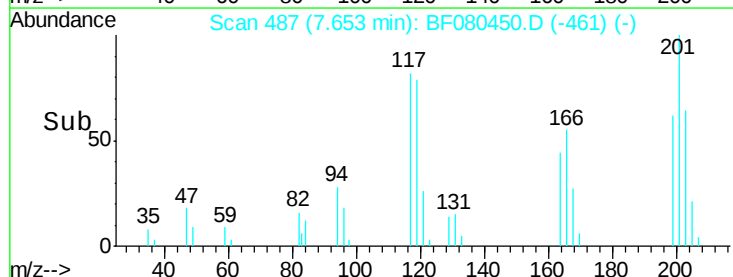
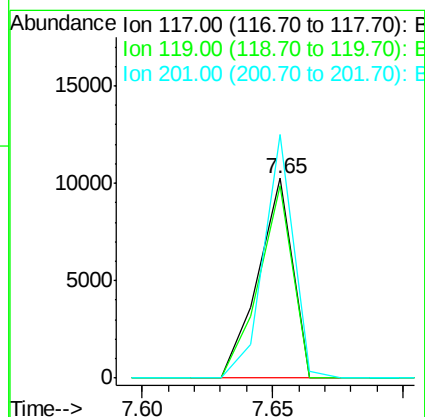
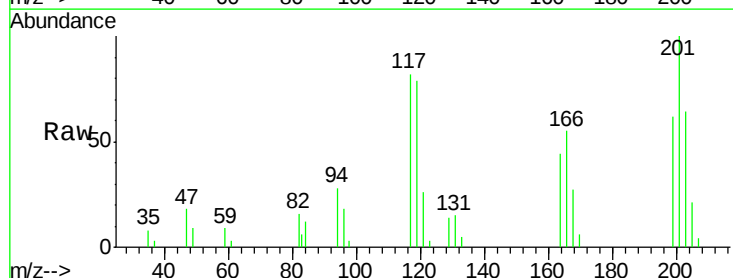
RT: 7.65 min Scan# 487

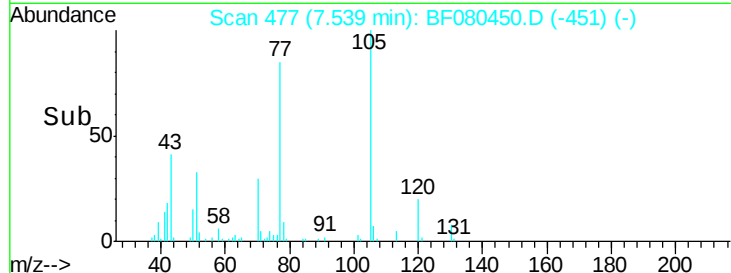
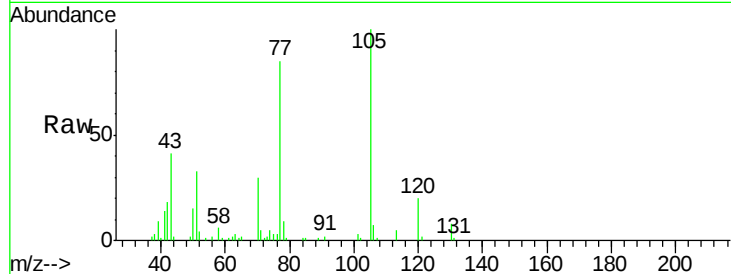
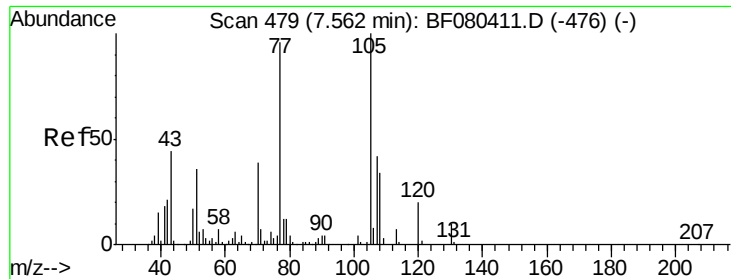
Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	117	Resp:	9531
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.1	117.1
201	122.0	86.5	129.7





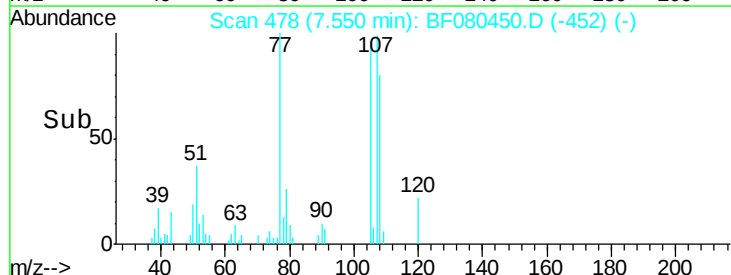
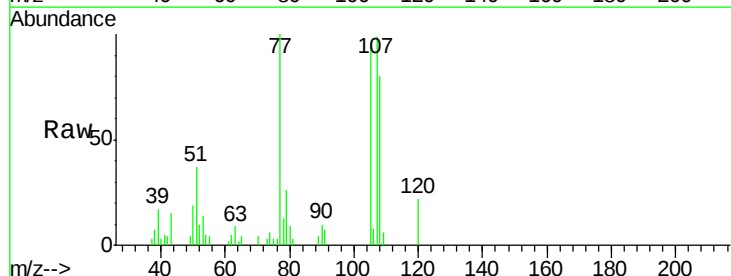
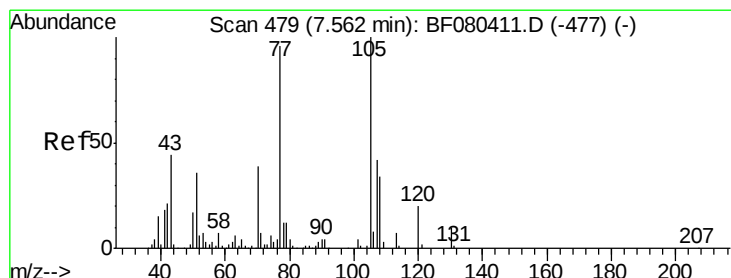
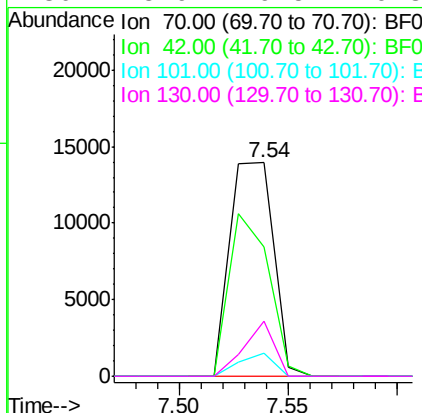
#19
n-Nitroso-di-n-propylamine
Concen: 34.19 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.7	43.4	65.0
101	11.0	9.0	13.6
130	25.9	19.5	29.3

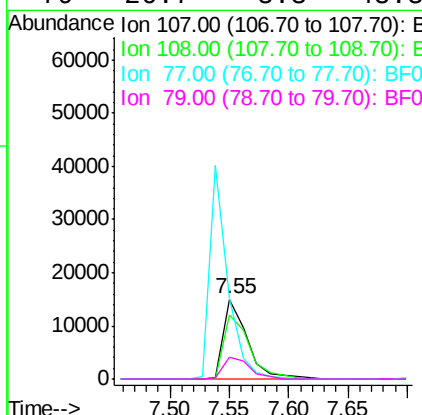
Manual Integrations
APPROVED

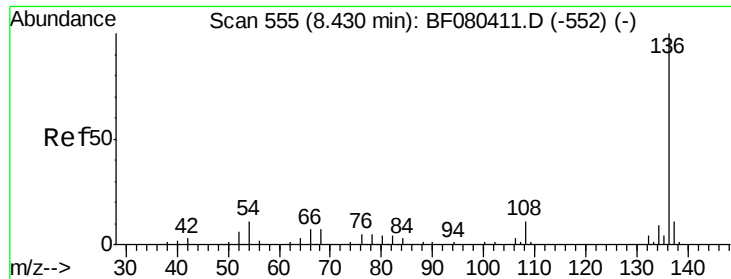
apatel
7/15/2015 8:27:59 AM



#20
3+4-Methylphenols
Concen: 25.45 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.8	60.8	100.8
77	101.0	207.5	247.5#
79	26.7	8.3	48.3





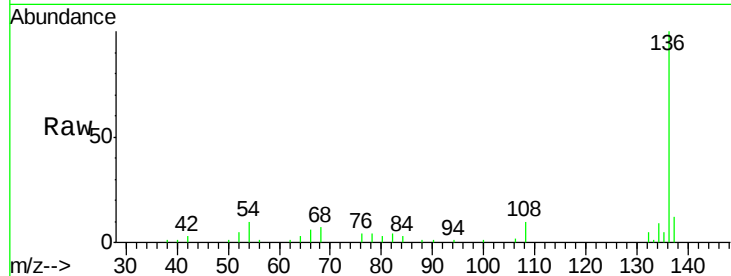
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

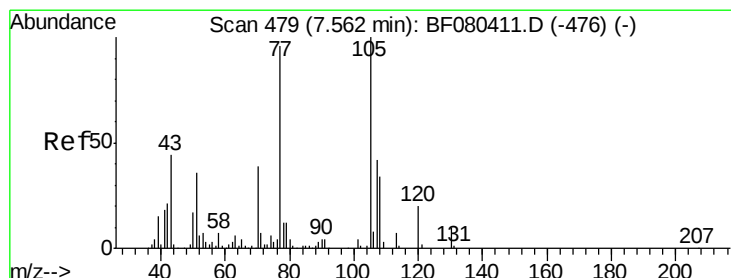
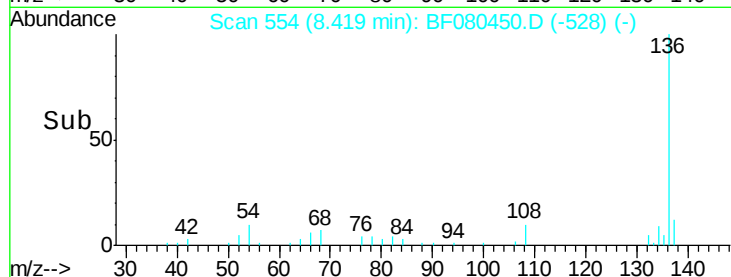
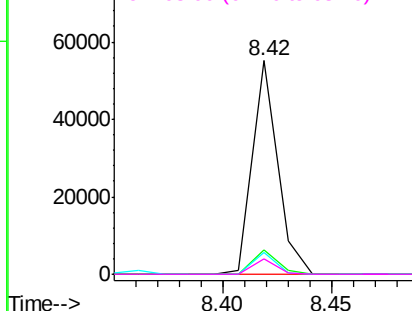
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	44409		
137	11.6	9.0	13.4	
54	10.2	9.1	13.7	
68	7.2	5.9	8.9	

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



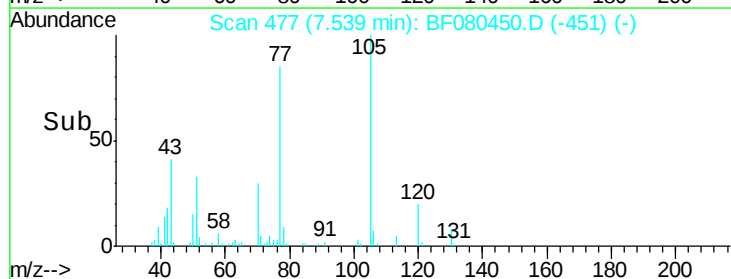
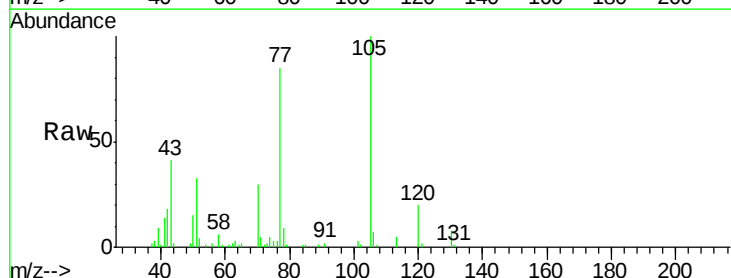
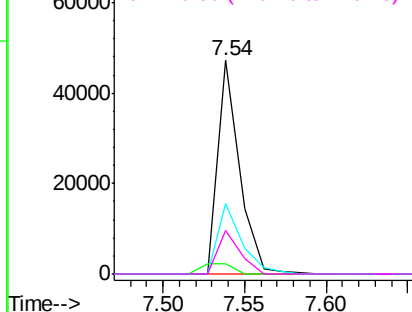
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

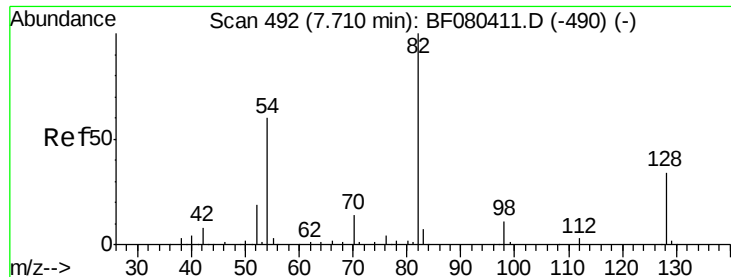


#22
Acetophenone
Concen: 40.97 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	43604		
71	5.1	5.2	7.8#	
51	33.1	28.7	43.1	
120	20.1	16.4	24.6	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





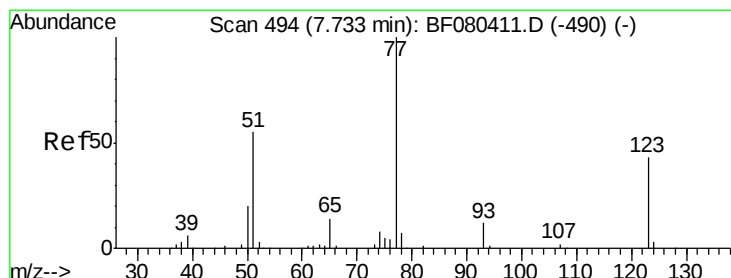
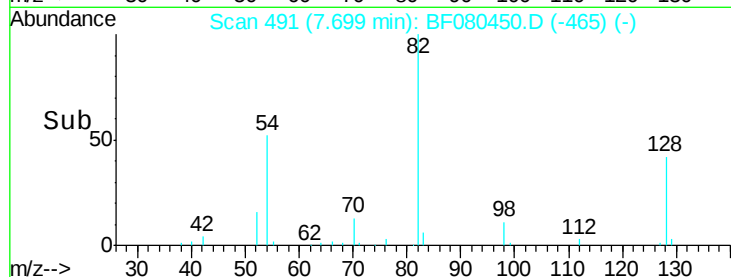
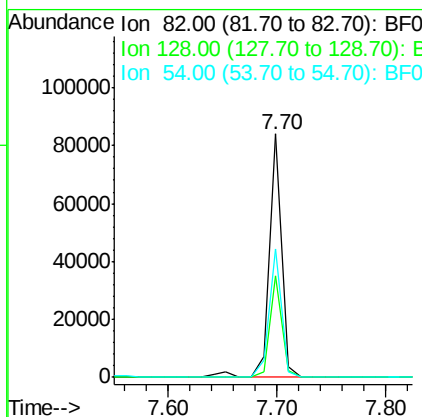
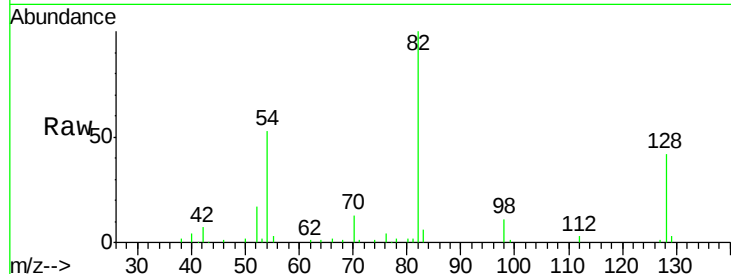
#23
 Nitrobenzene-d5
 Concen: 87.16 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	26.9	40.3#
54	52.6	47.7	71.5

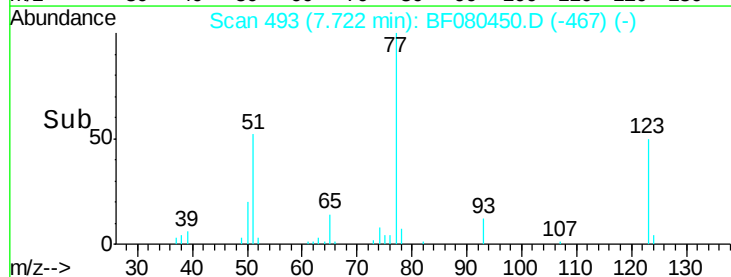
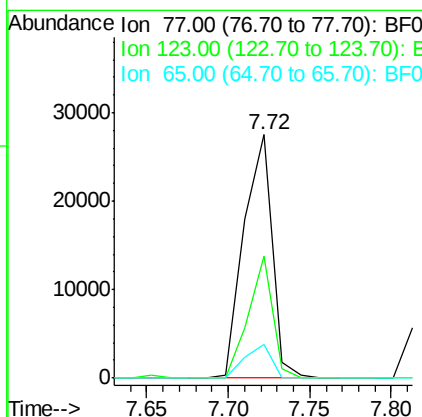
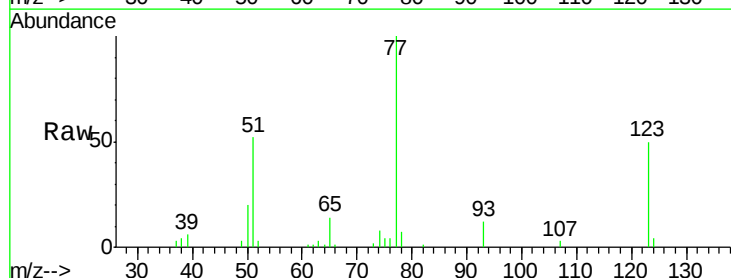
Manual Integrations
 APPROVED

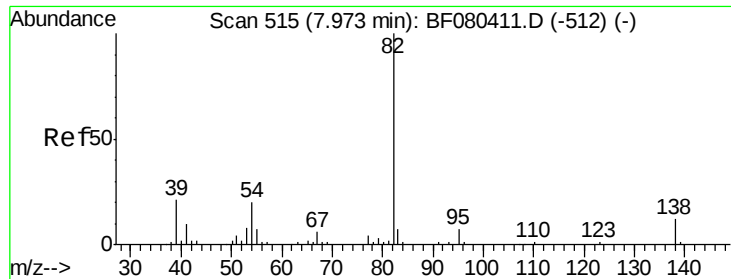
apatel
 7/15/2015 8:27:59 AM



#24
 Nitrobenzene
 Concen: 38.19 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	34.0	51.0
65	13.7	11.2	16.8





#25

Isophorone

Concen: 43.19 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

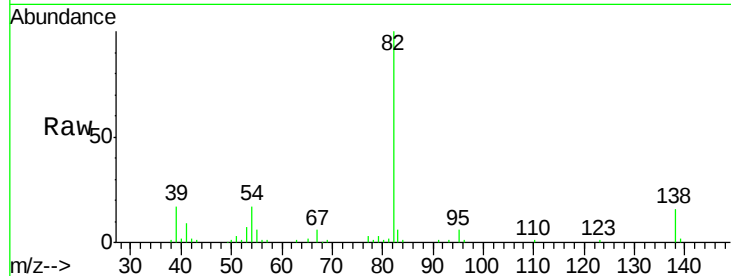
ClientSampleId :

TE-PMV-34MSD

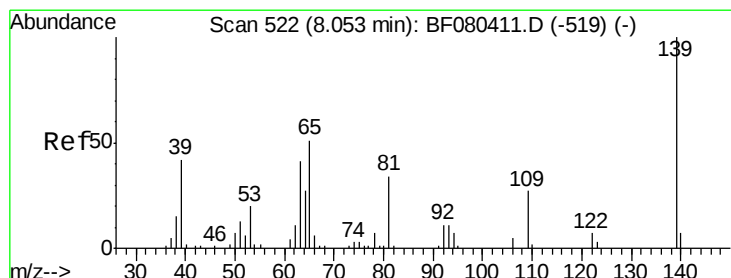
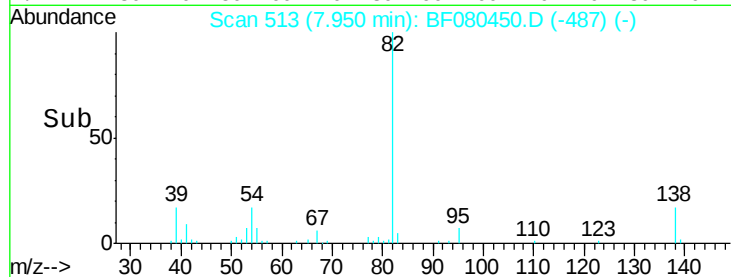
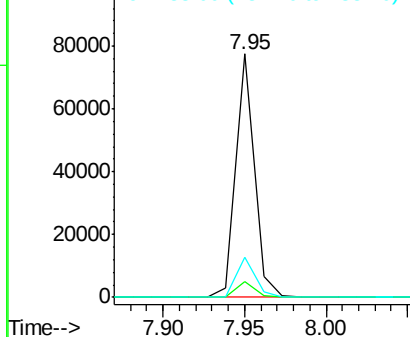
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.5	5.4	8.2
138	16.3	9.5	14.3

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.70 ng

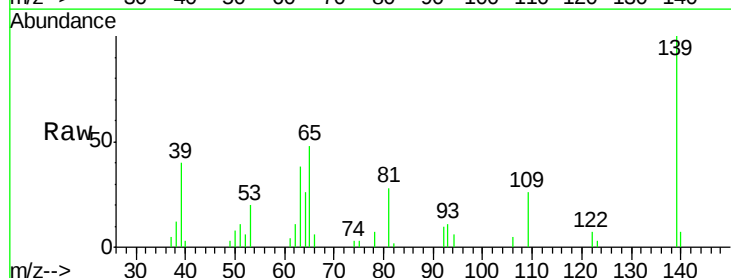
RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

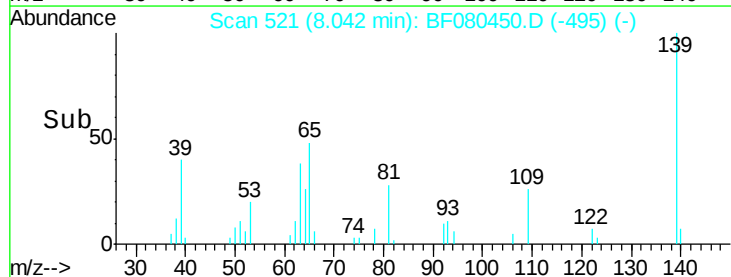
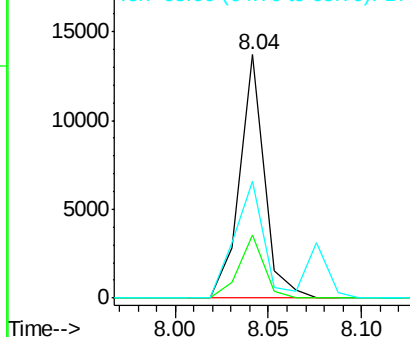
Lab File: BF080450.D

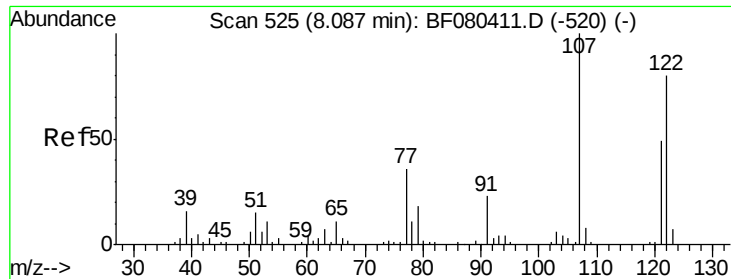
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	26.0	21.7	32.5
65	48.3	40.5	60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





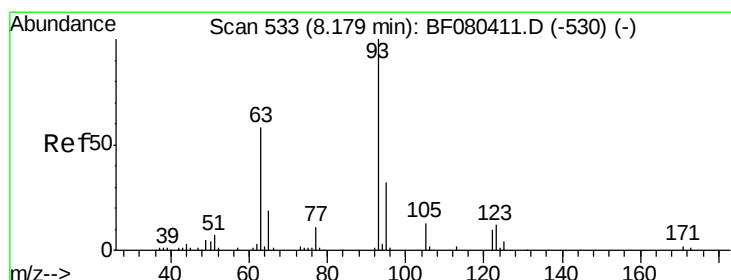
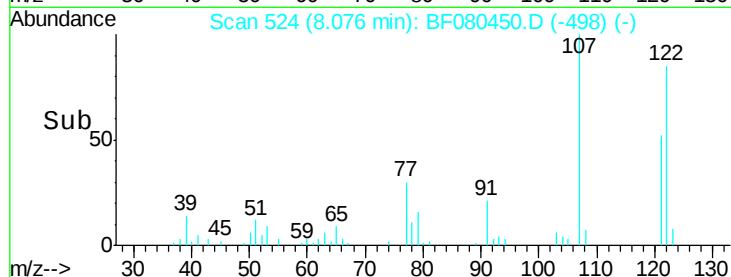
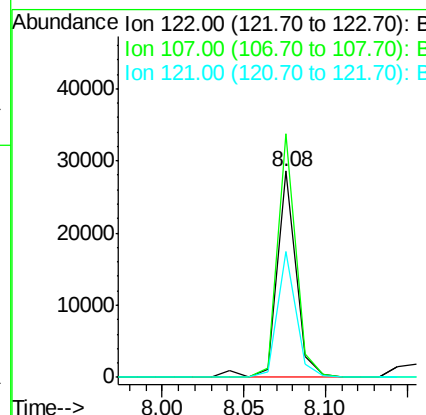
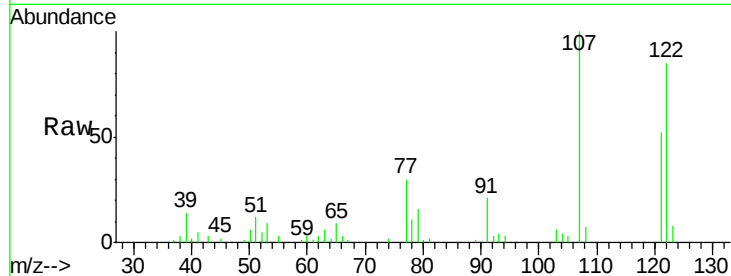
#27
2,4-Dimethylphenol
Concen: 35.88 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	23357		
107	118.2	99.5	149.3	
121	61.4	48.4	72.6	

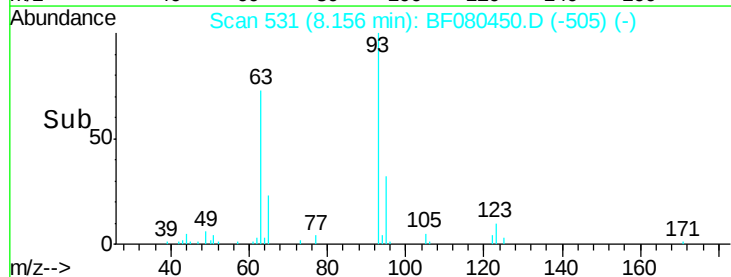
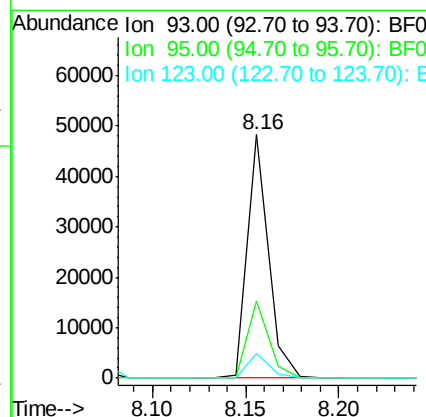
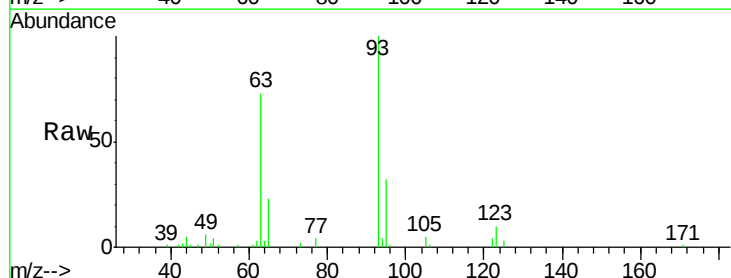
Manual Integrations
APPROVED

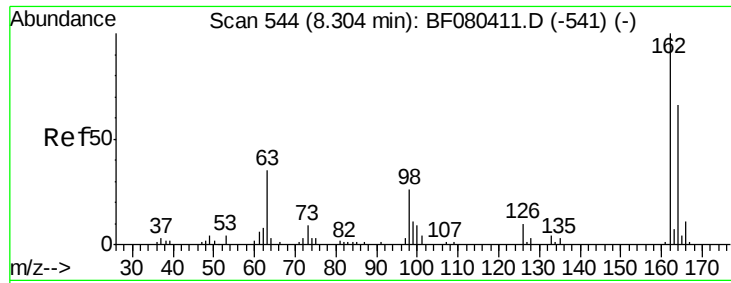
apatel
7/15/2015 8:27:59 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.29 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	38240		
95	31.8	25.8	38.8	
123	10.3	9.7	14.5	





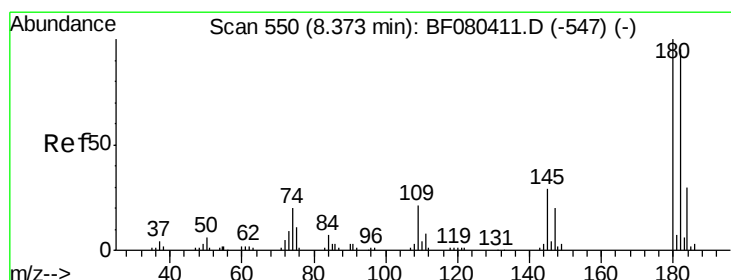
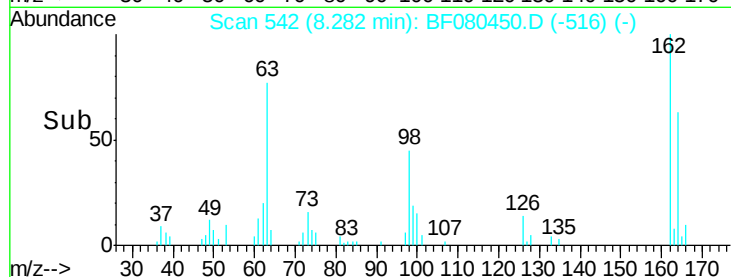
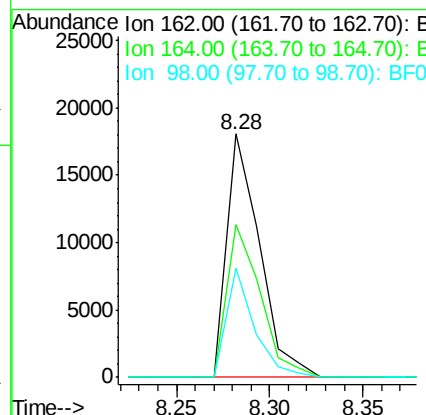
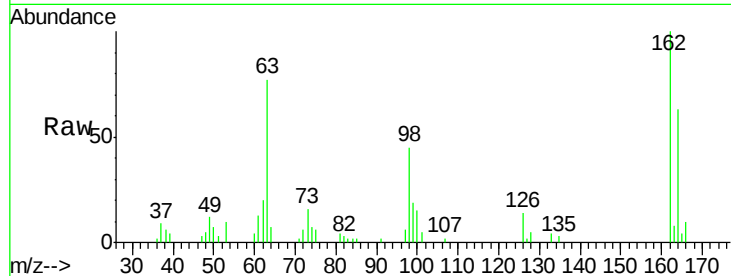
#29
 2,4-Dichlorophenol
 Concen: 37.00 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	22232		
164	62.7	45.5	85.5	
98	45.1	6.3	46.3	

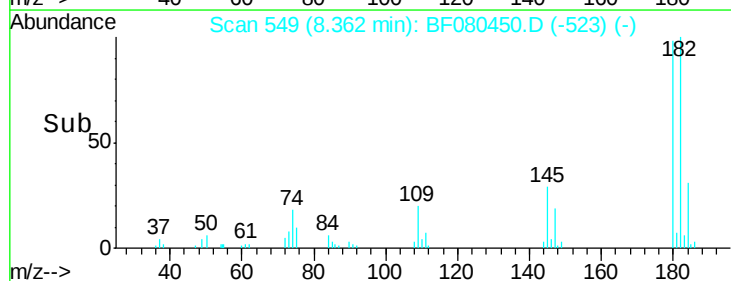
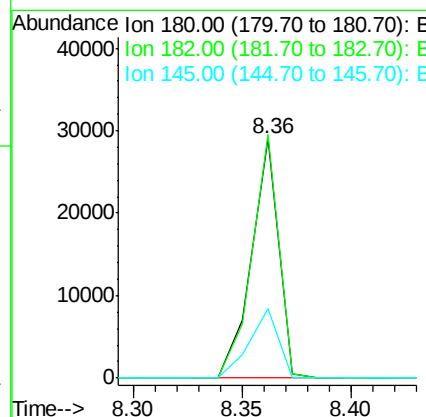
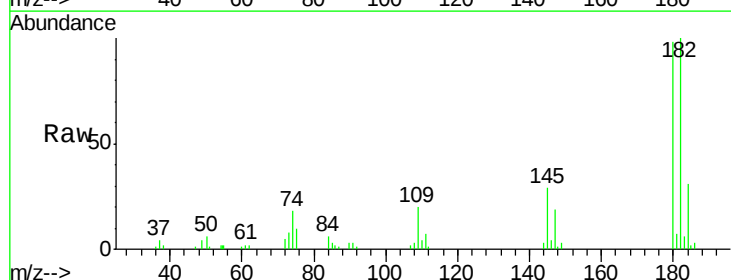
Manual Integrations
 APPROVED

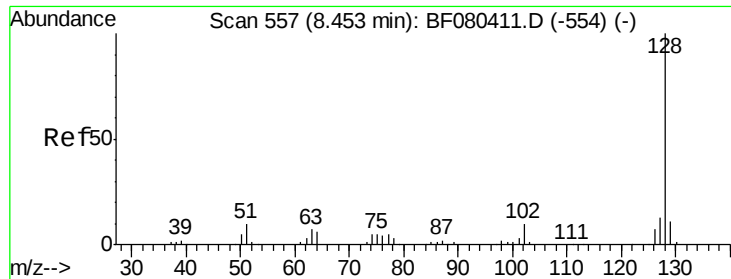
apatel
 7/15/2015 8:27:59 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 31.62 ng
 RT: 8.36 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	25133		
182	101.7	75.6	113.4	
145	29.1	23.3	34.9	





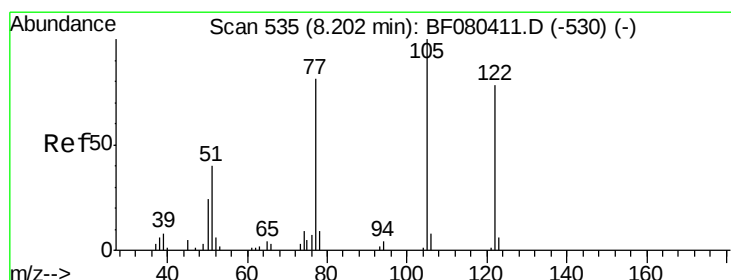
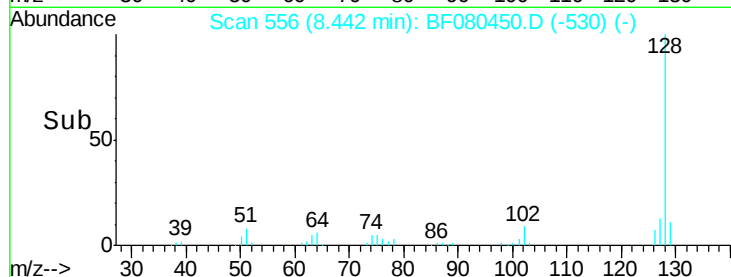
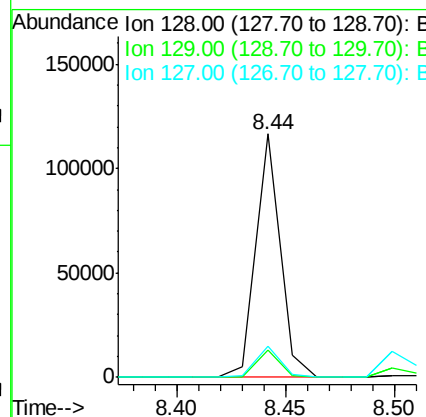
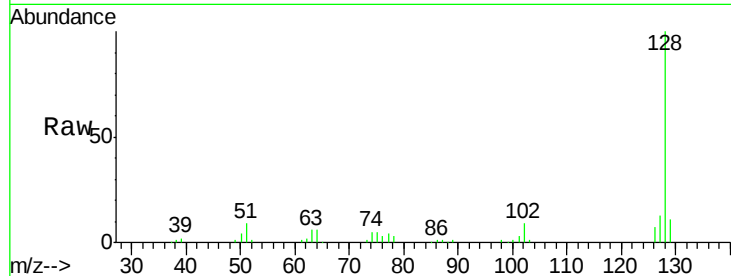
#31
Naphthalene
Concen: 37.40 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	90827		
129	11.1	9.1	13.7	
127	12.8	10.7	16.1	

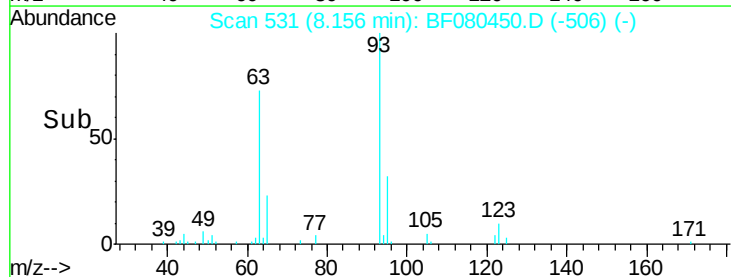
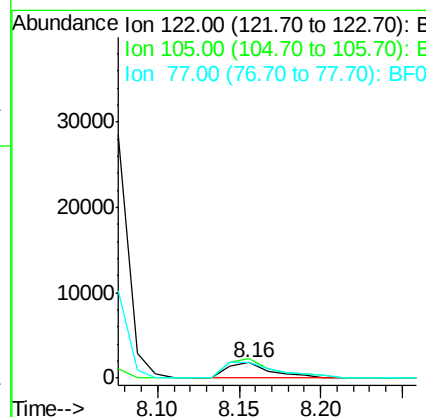
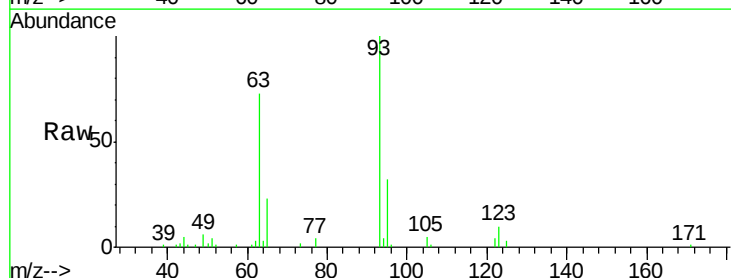
Manual Integrations
APPROVED

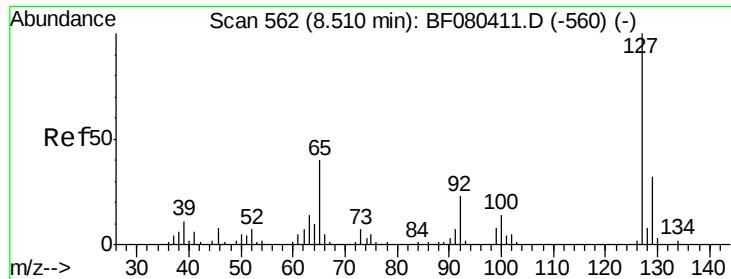
apatel
7/15/2015 8:27:59 AM



#32
Benzoic acid
Concen: 7.41 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	3390		
105	132.3	108.8	148.8	
77	101.6	84.2	124.2	





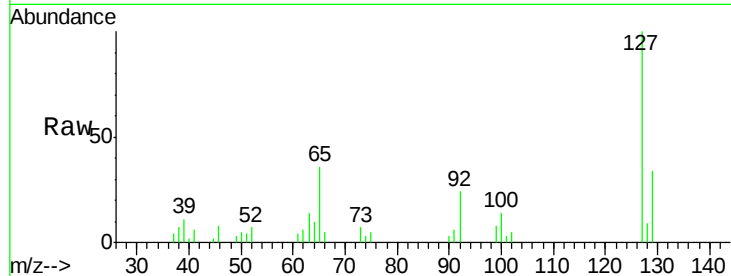
#33
4-Chloroaniline
Concen: 18.00 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

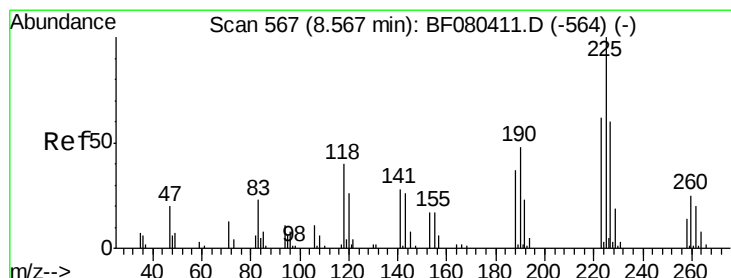
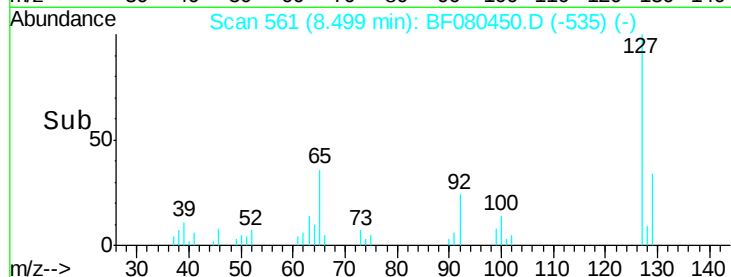
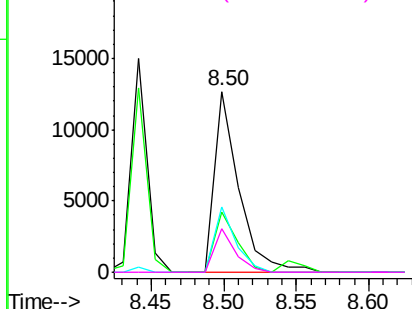
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.5	38.3
65	36.3	31.8	47.8
92	23.8	18.4	27.6

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM

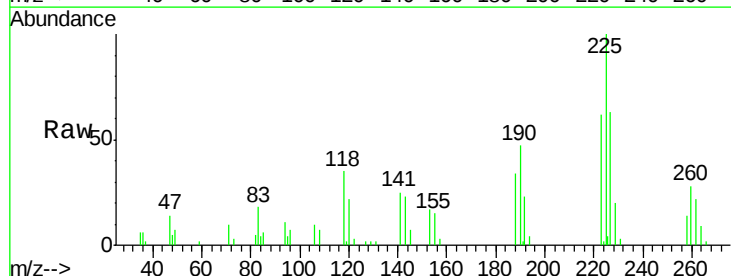


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

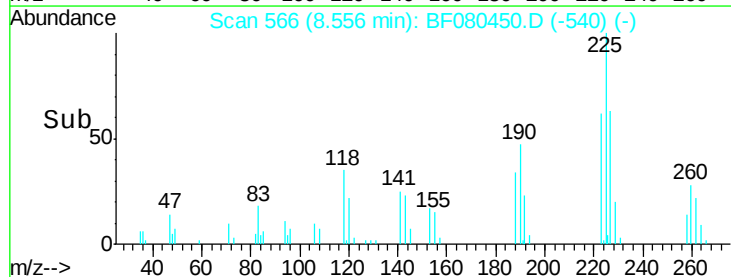
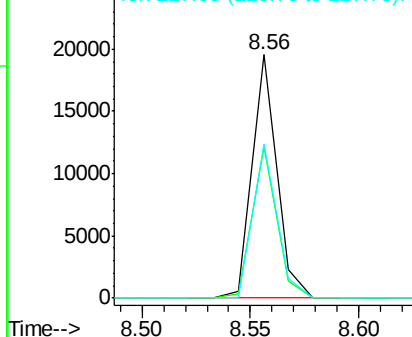


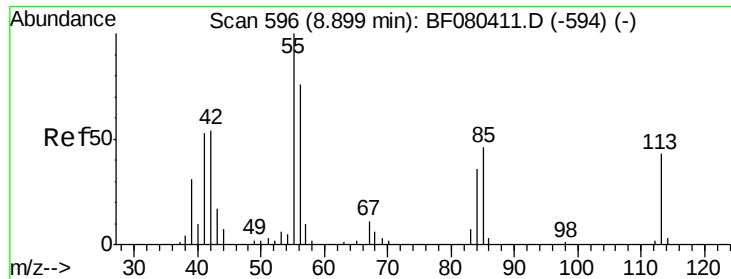
#34
Hexachlorobutadiene
Concen: 33.35 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.5	74.3
227	63.1	48.0	72.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





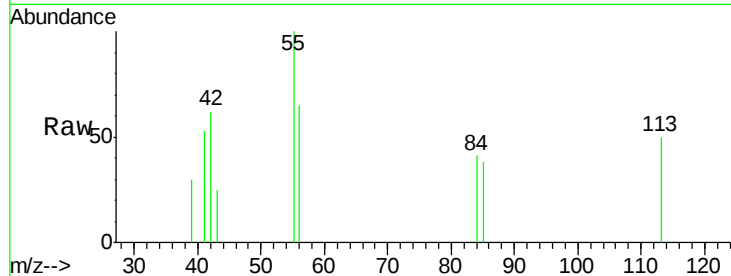
#35
 Caprolactam
 Concen: 4.24 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	201.3	214.2	254.2#
56	131.7	156.9	196.9#

Manual Integrations
 APPROVED

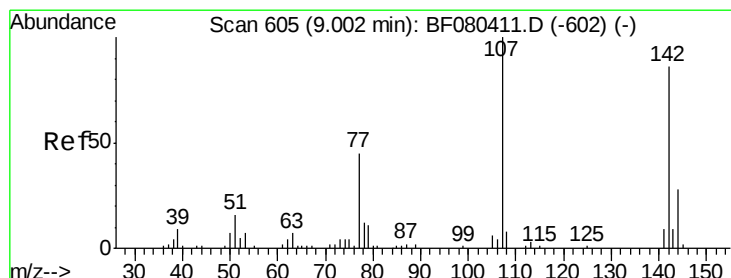
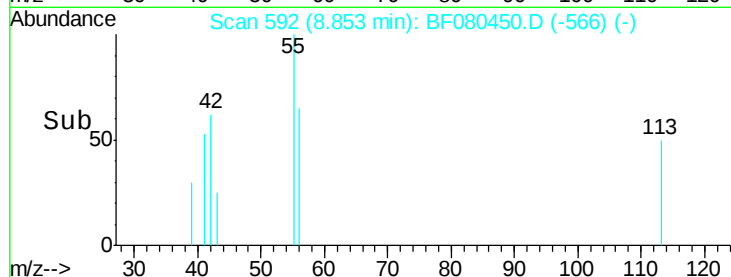
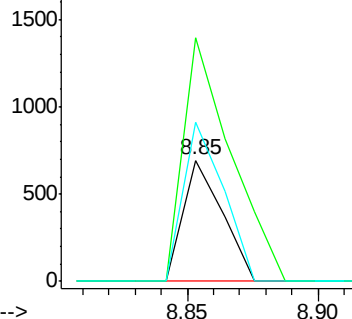
apatel
 7/15/2015 8:27:59 AM



Abundance Ion 113.00 (112.70 to 113.70): E

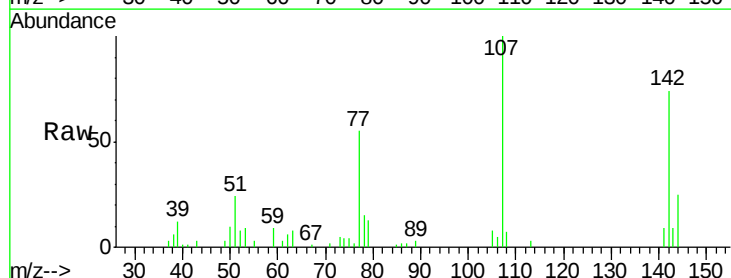
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 35.81 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

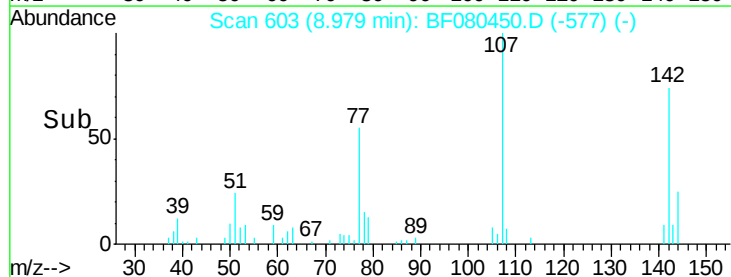
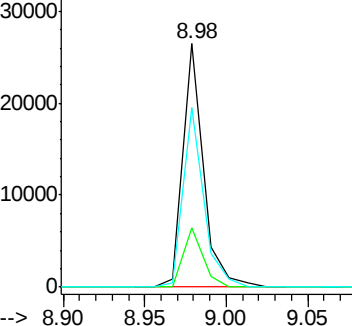
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	22.6	34.0
142	73.8	68.7	103.1

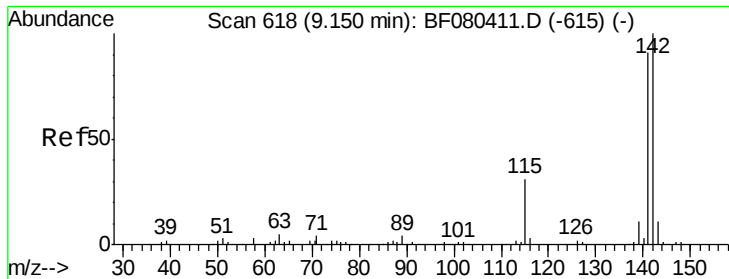


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





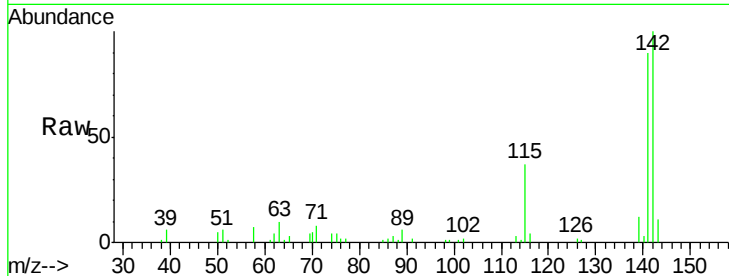
#37
 2-Methylnaphthalene
 Concen: 34.62 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

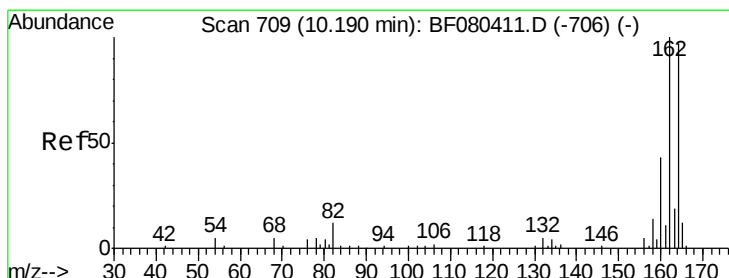
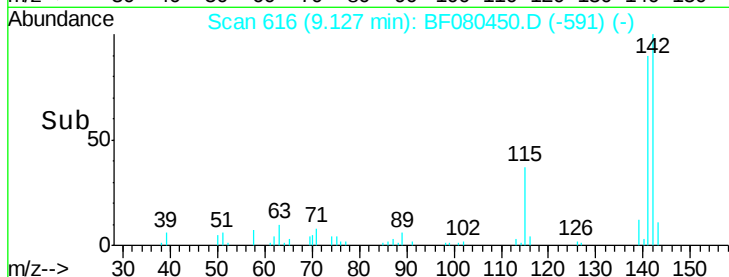
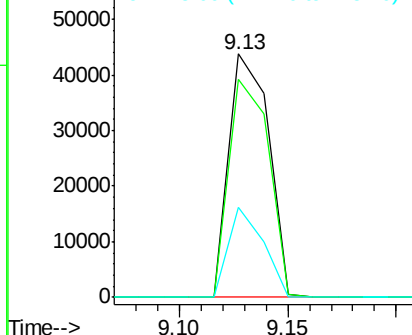
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.0	109.4
115	36.8	25.0	37.4

Manual Integrations
 APPROVED

apatel
 7/15/2015 8:27:59 AM



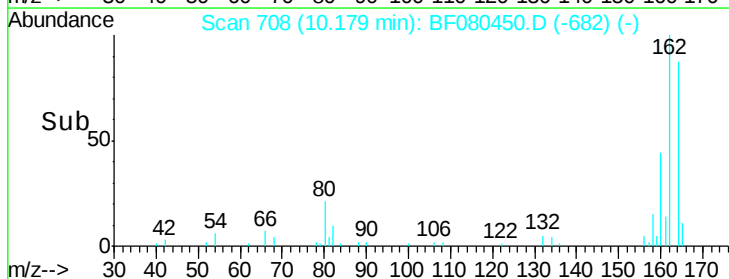
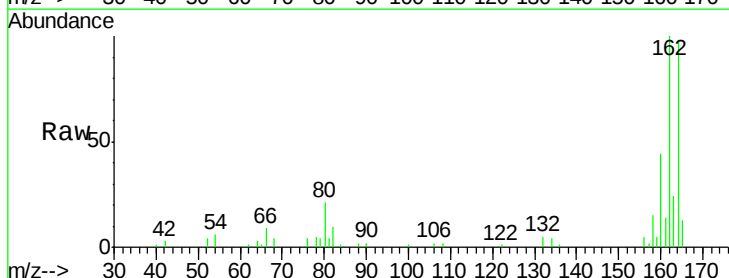
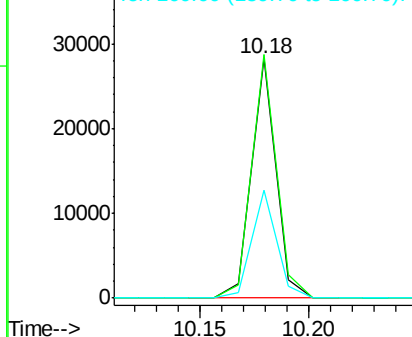
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

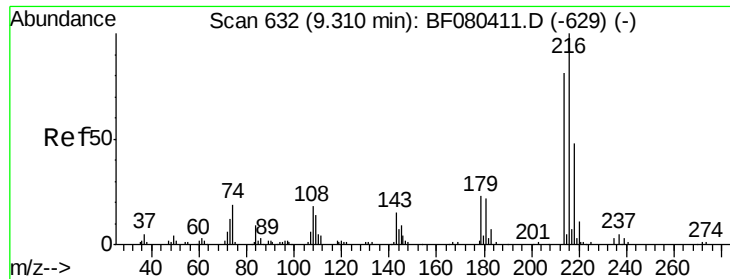


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.7	124.1
160	45.2	35.5	53.3

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





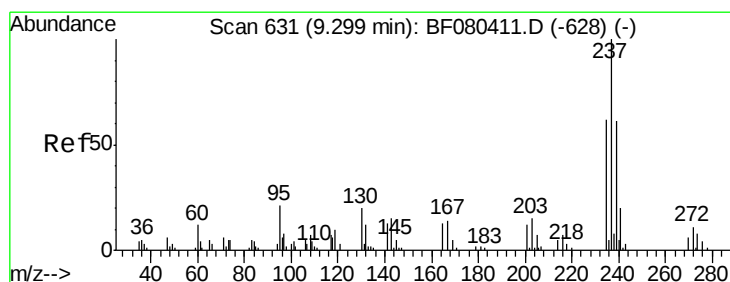
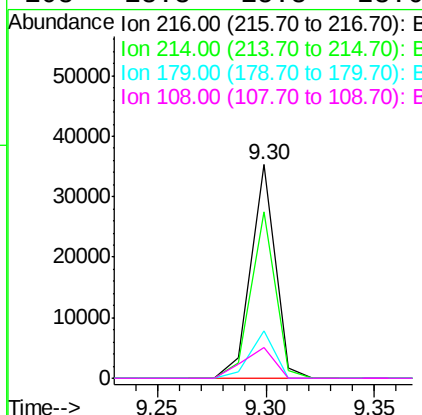
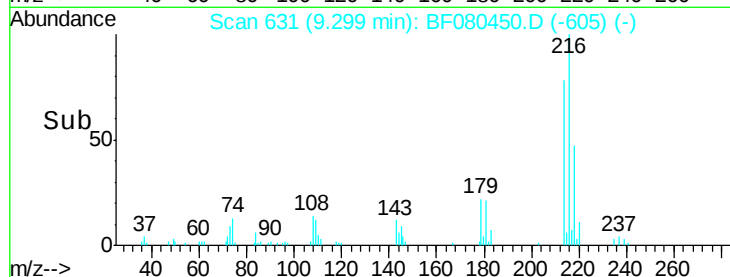
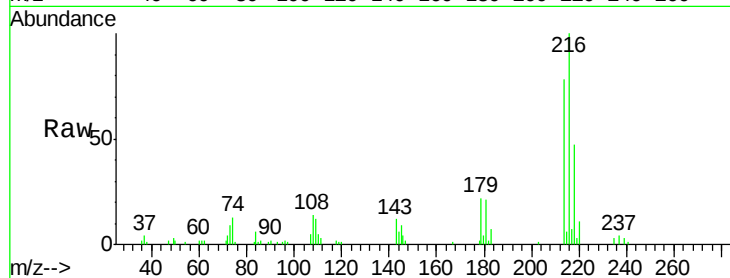
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.69 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Manual Integrations
 APPROVED

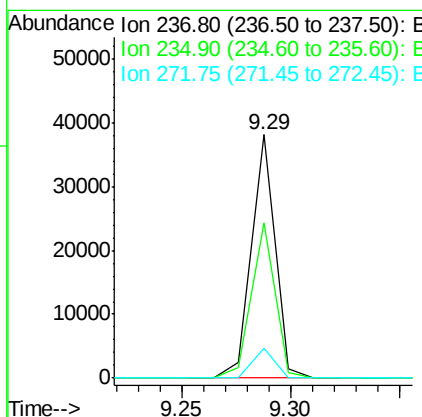
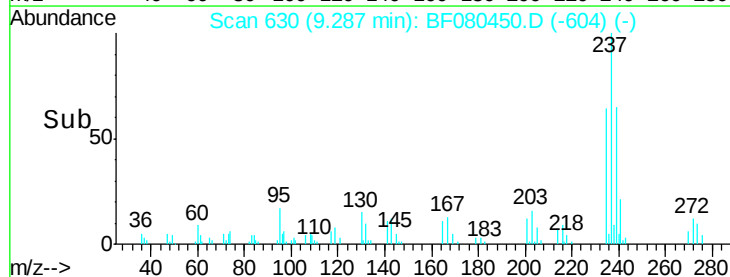
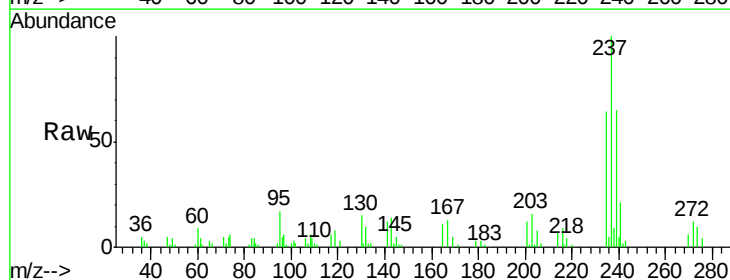
apatel
 7/15/2015 8:27:59 AM

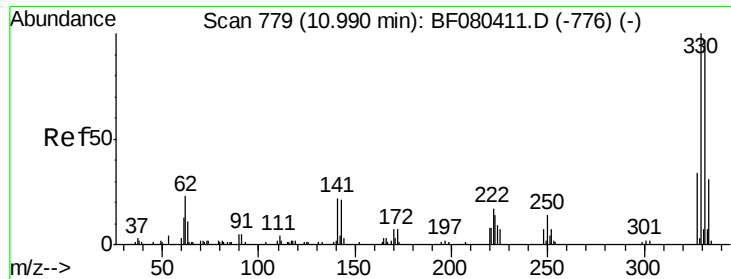
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	64.6	97.0
179	21.5	17.9	26.9
108	18.3	15.8	23.6



#40
 Hexachlorocyclopentadiene
 Concen: 75.10 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.4	82.4
272	12.5	0.0	31.4





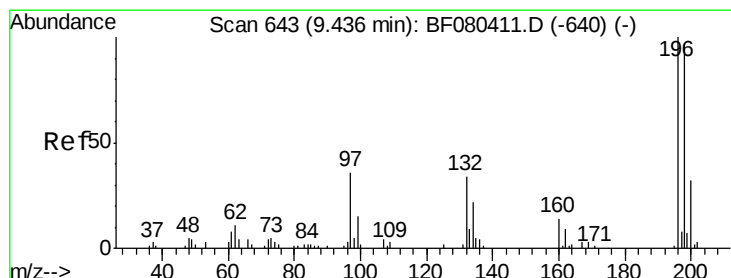
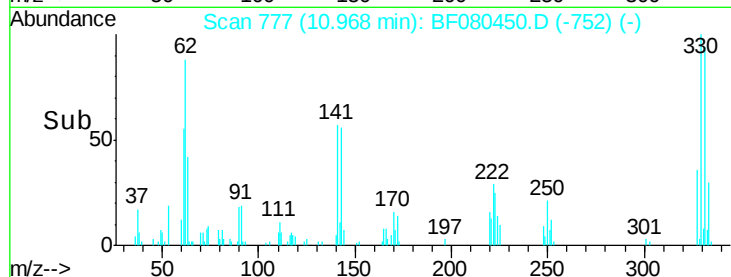
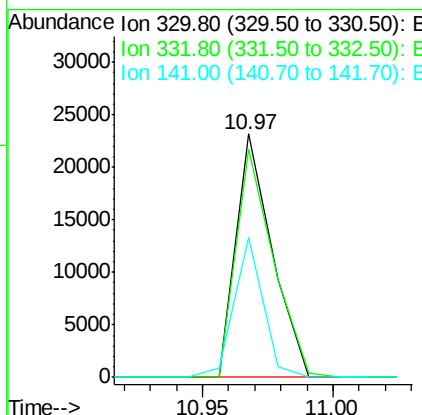
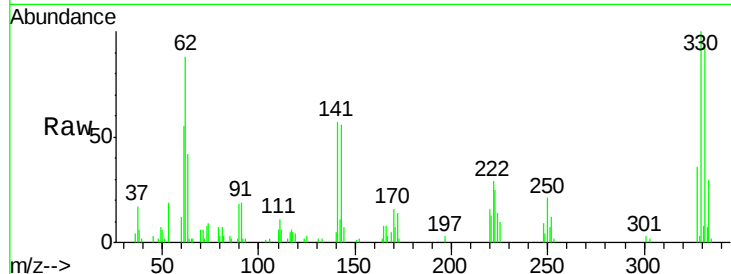
#41
 2,4,6-Tribromophenol
 Concen: 103.61 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	22273		
332	97.0	78.0	117.0	
141	46.6	28.6	43.0	

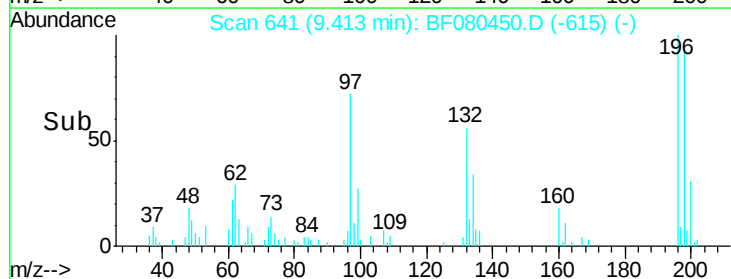
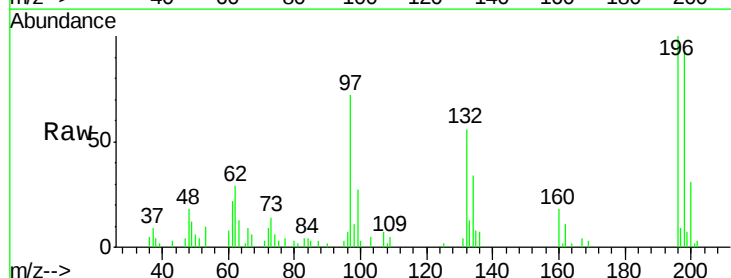
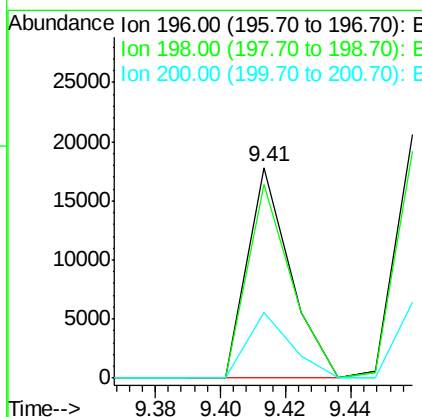
Manual Integrations
 APPROVED

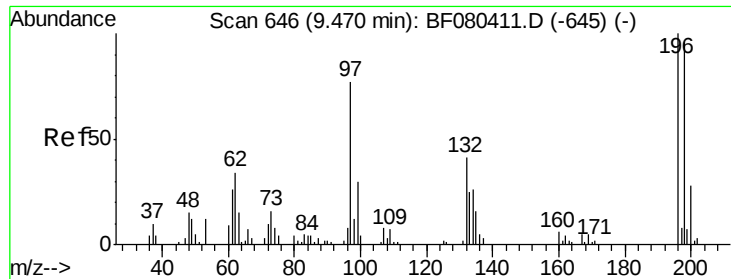
apatel
 7/15/2015 8:27:59 AM



#42
 2,4,6-Trichlorophenol
 Concen: 37.77 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	16030		
198	91.9	77.4	116.2	
200	31.0	25.8	38.6	





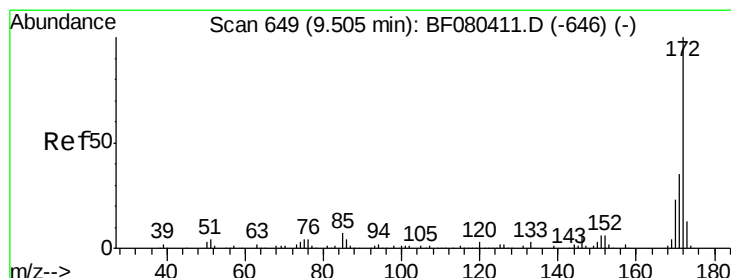
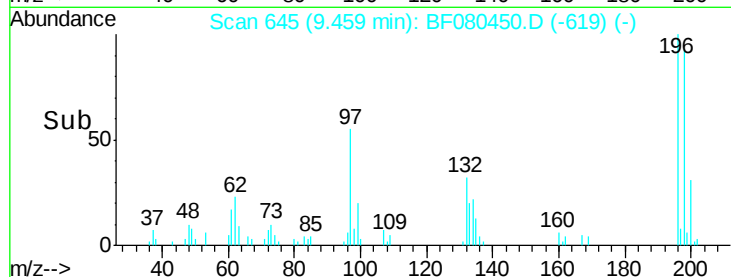
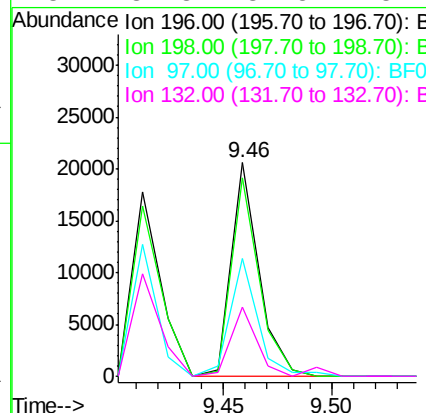
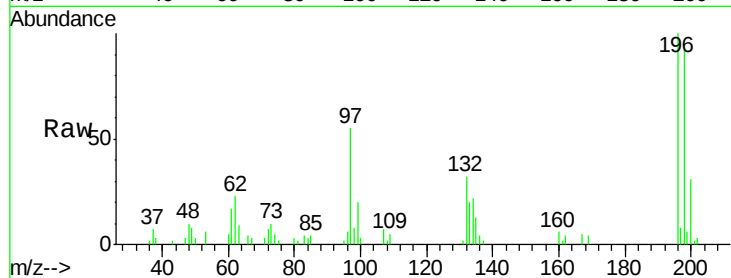
#43
 2,4,5-Trichlorophenol
 Concen: 39.81 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.1	76.1	114.1
97	54.9	62.2	93.2#
132	32.3	32.5	48.7#

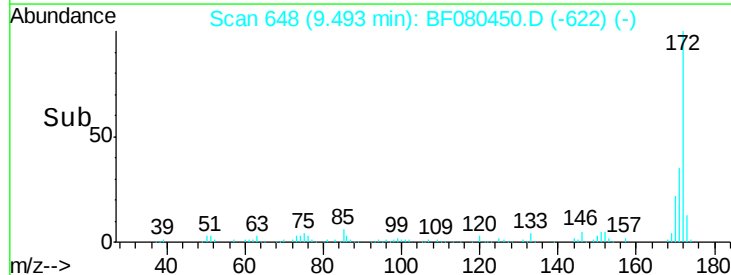
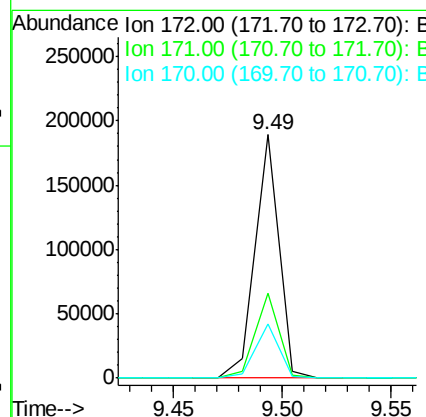
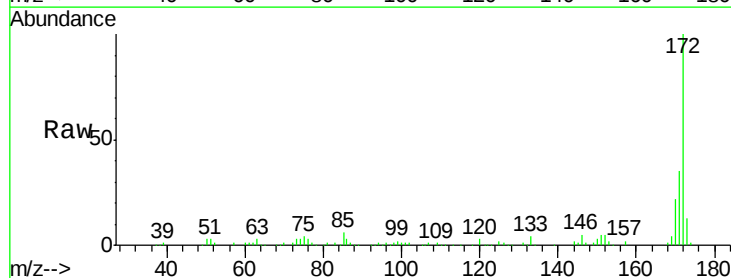
Manual Integrations
 APPROVED

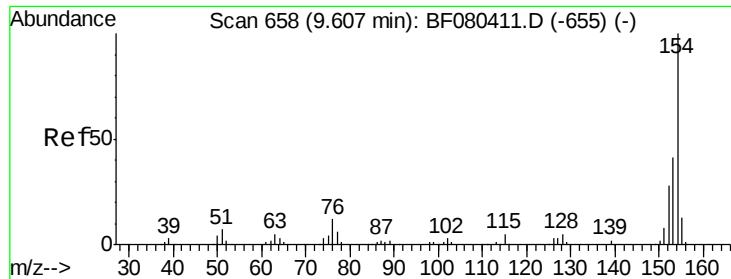
apatel
 7/15/2015 8:27:59 AM



#44
 2-Fluorobiphenyl
 Concen: 88.11 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.7	28.4	42.6
170	22.5	18.6	28.0





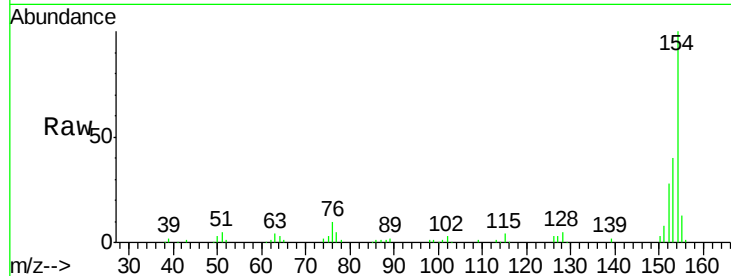
#45
 1,1'-Biphenyl
 Concen: 40.44 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

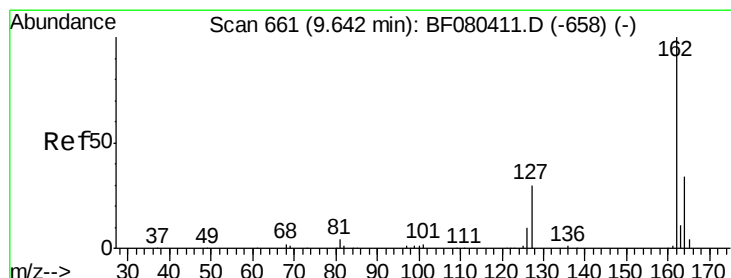
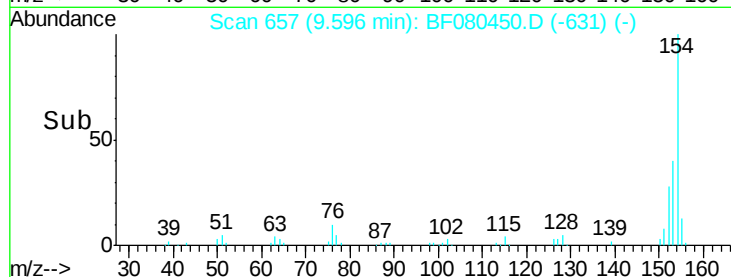
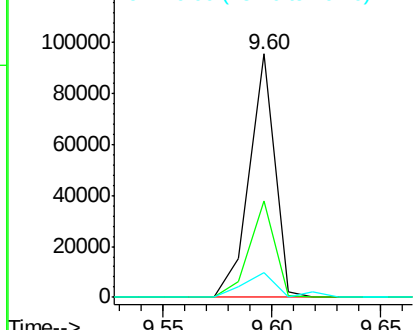
Tgt Ion:	154	Resp:	77646
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.6	60.6
76	10.0	0.0	32.4

Manual Integrations
 APPROVED

apatel
 7/15/2015 8:27:59 AM

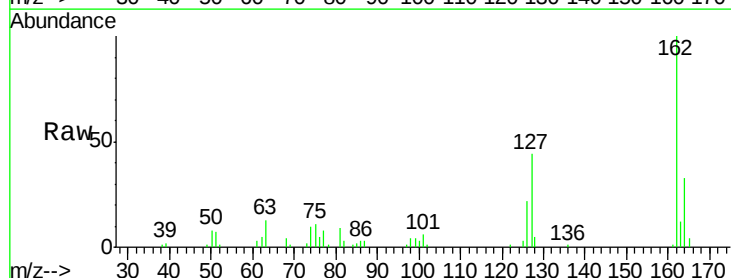


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

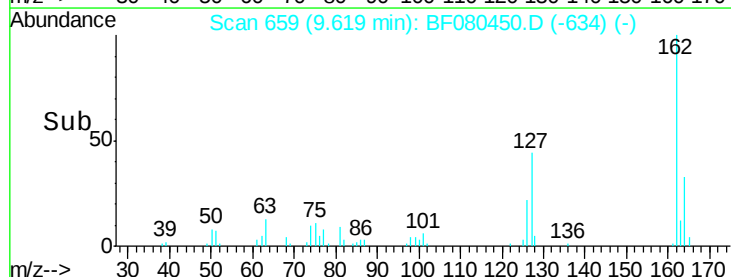
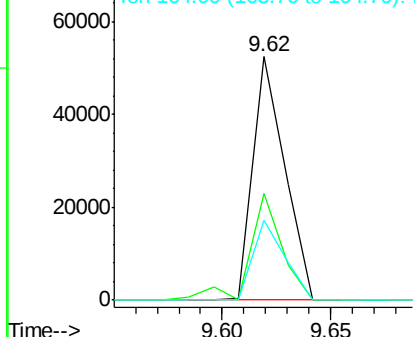


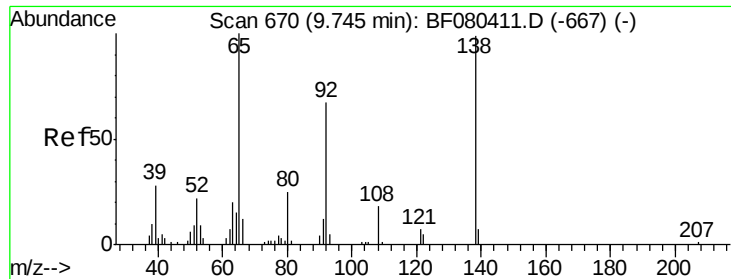
#46
 2-Chloronaphthalene
 Concen: 37.63 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion:	162	Resp:	53333
Ion Ratio	Lower	Upper	
162	100		
127	43.6	28.6	42.8#
164	32.5	27.2	40.8



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





#47

2-Nitroaniline

Concen: 32.67 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

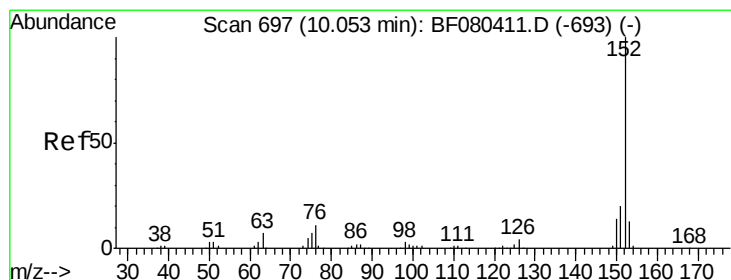
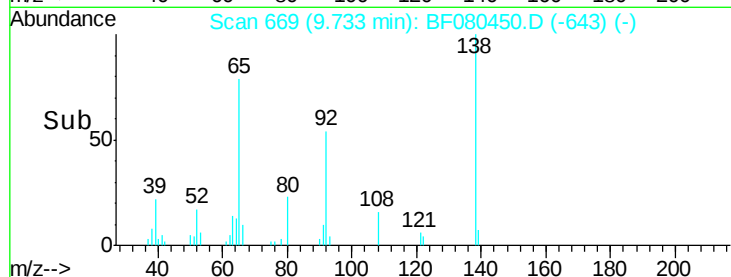
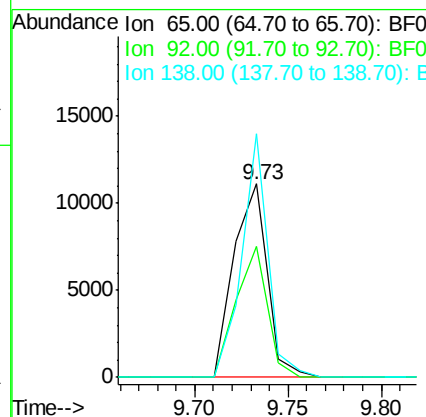
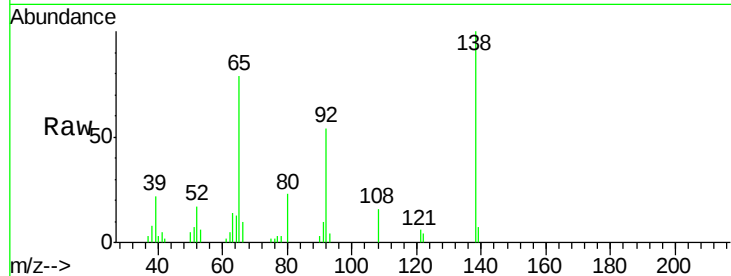
ClientSampleId :

TE-PMV-34MSD

Tgt Ion:	65	Resp:	13954
Ion Ratio	Lower	Upper	
65	100		
92	67.5	53.2	79.8
138	126.0	78.9	118.3

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#48

Acenaphthylene

Concen: 39.65 ng

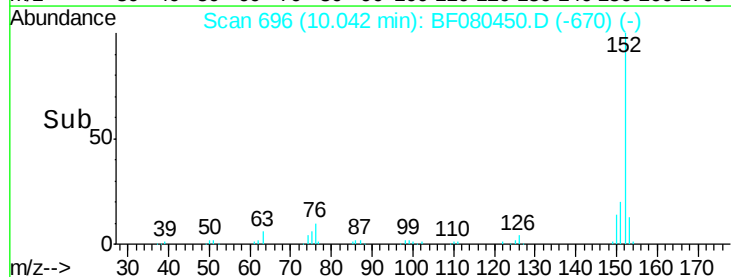
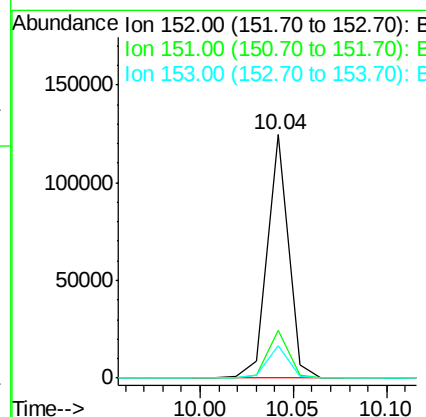
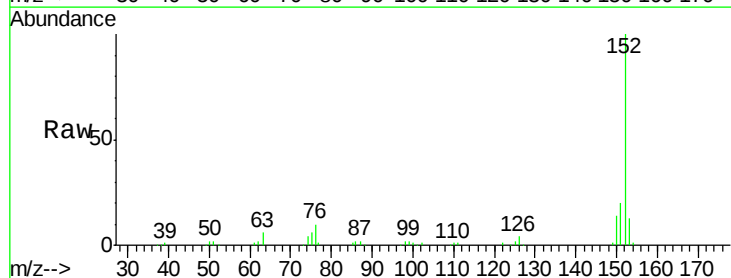
RT: 10.04 min Scan# 696

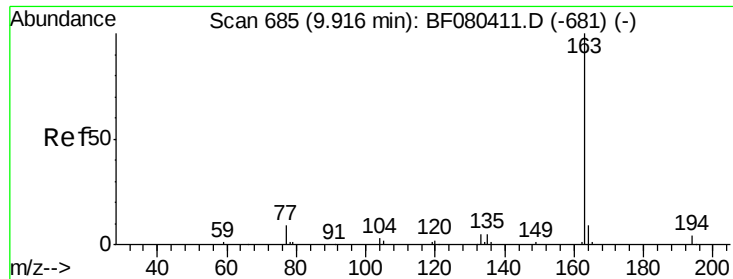
Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	152	Resp:	96115
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.8
153	13.5	10.2	15.4





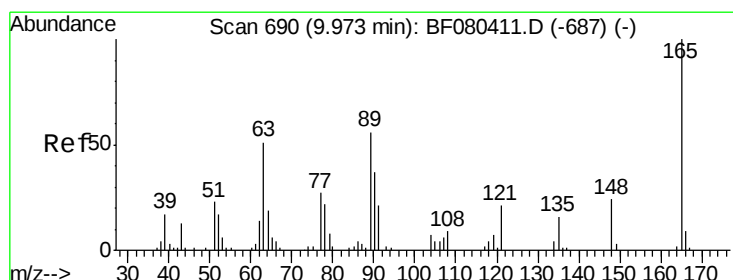
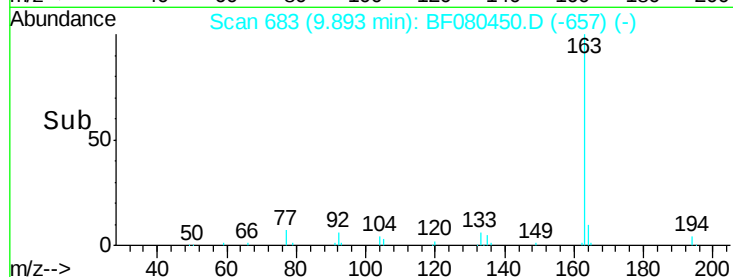
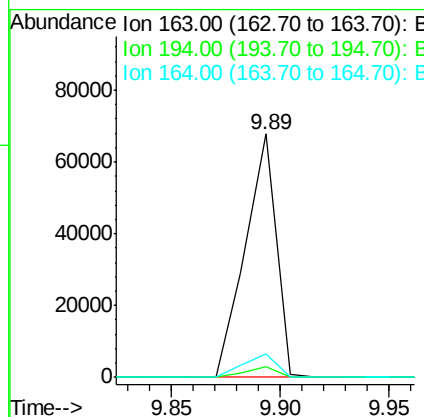
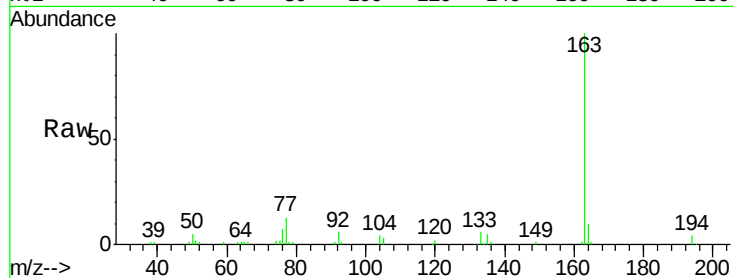
#49
Dimethylphthalate
Concen: 40.20 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.4	5.2
164	9.9	7.4	11.0

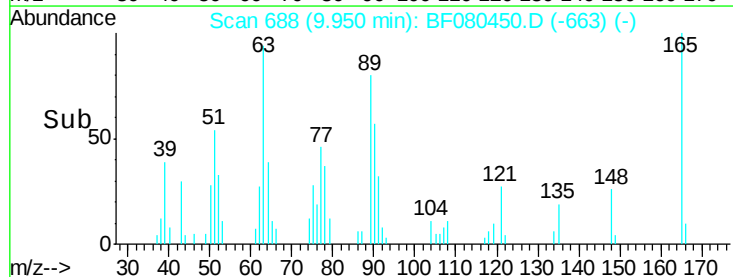
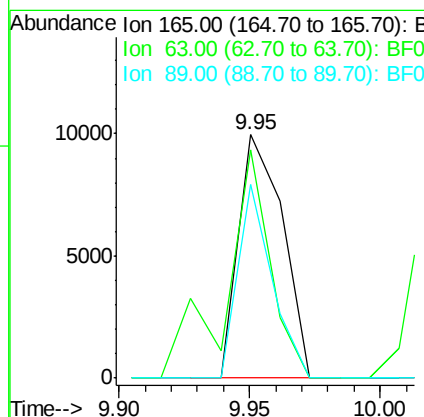
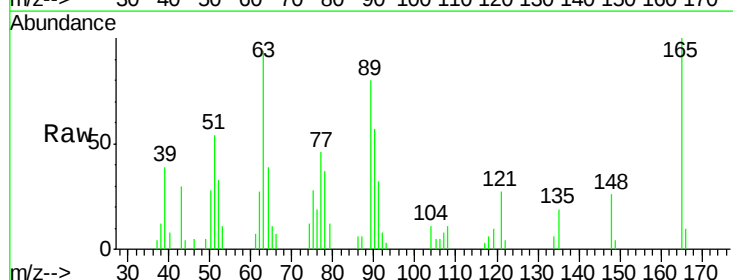
Manual Integrations
APPROVED

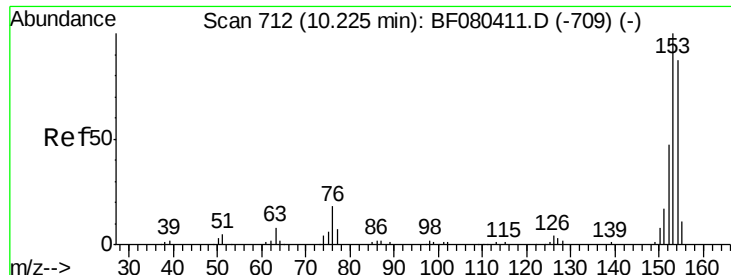
apatel
7/15/2015 8:27:59 AM



#50
2,6-Dinitrotoluene
Concen: 31.58 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	94.0	44.5	66.7#
89	79.5	44.5	66.7#





#51

Acenaphthene

Concen: 39.55 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF080450.D

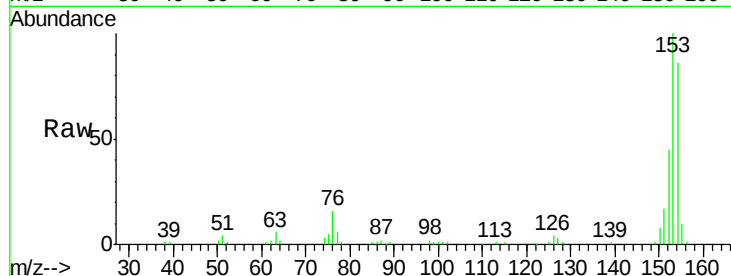
Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

ClientSampleId :

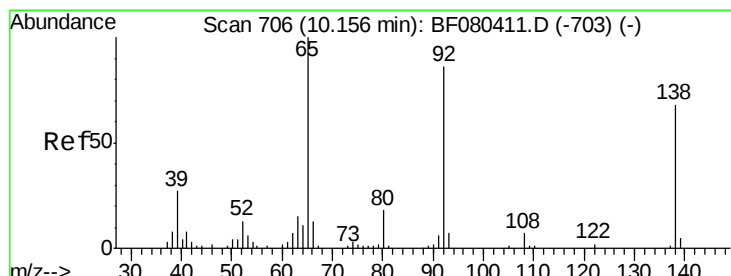
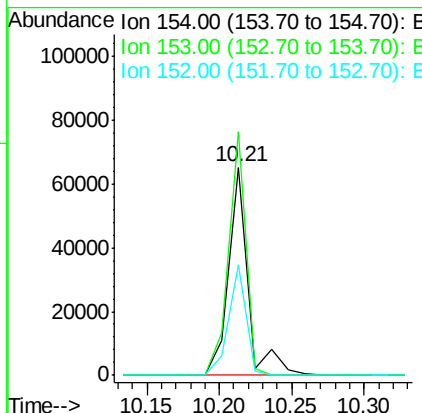
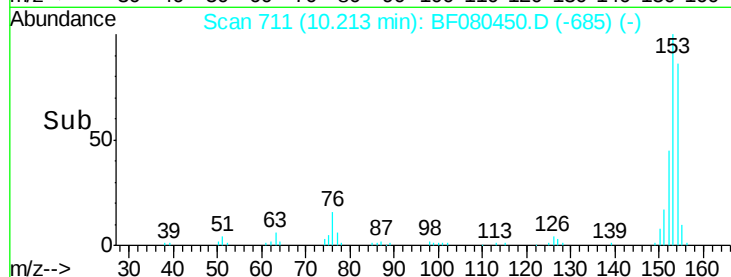
TE-PMV-34MSD



Tgt Ion:	154	Resp:	60940
Ion Ratio	Lower	Upper	
154	100		
153	116.9	91.7	137.5
152	52.8	43.5	65.3

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#52

3-Nitroaniline

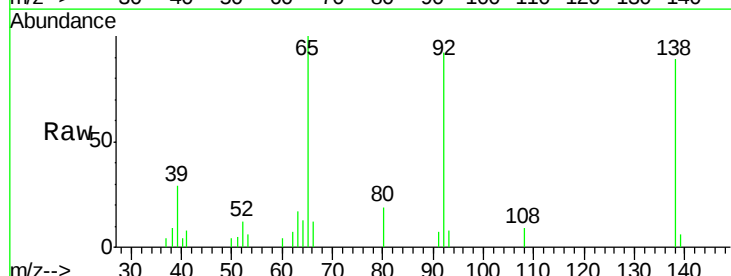
Concen: 22.10 ng

RT: 10.14 min Scan# 705

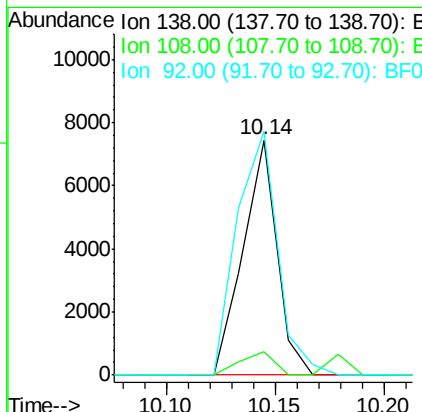
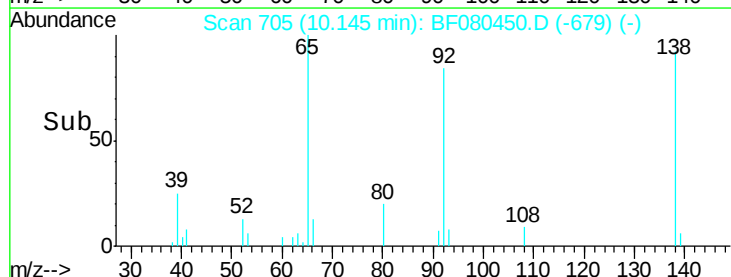
Delta R.T. -0.00 min

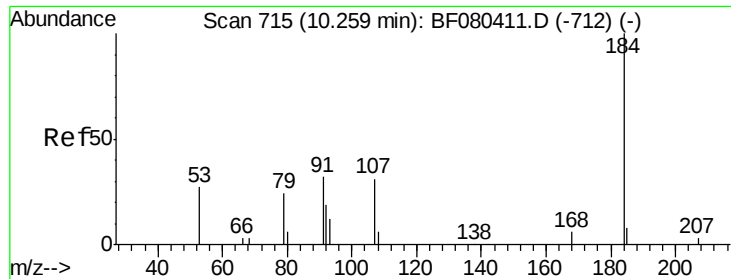
Lab File: BF080450.D

Acq: 14 Jul 2015 6:09



Tgt Ion:	138	Resp:	8063
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.4	12.6
92	103.6	101.0	151.4





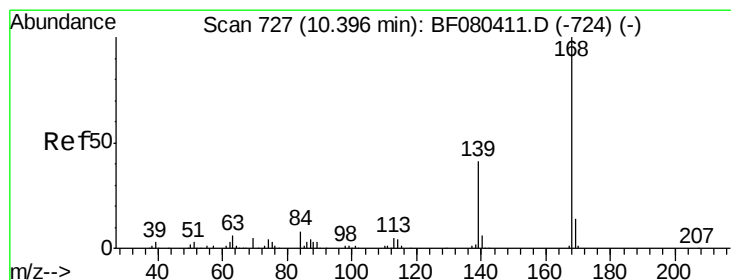
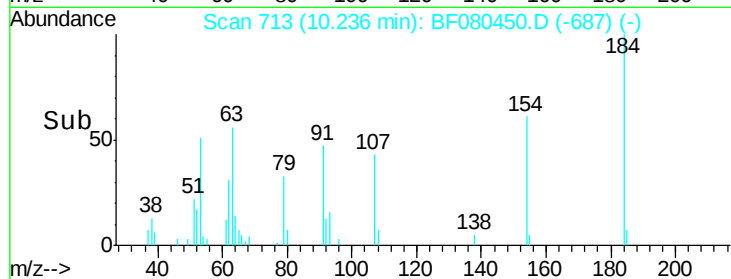
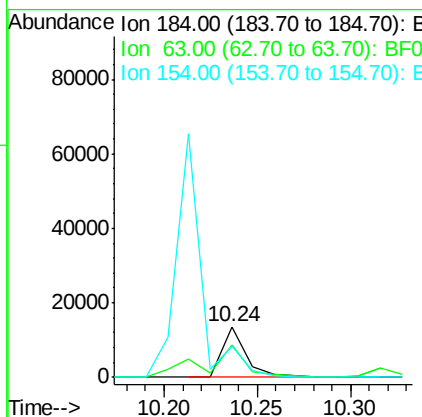
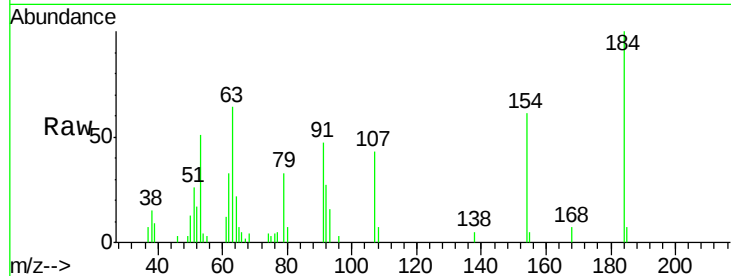
#53
2,4-Dinitrophenol
Concen: 71.21 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	12238		
63	64.0	30.8	46.2	#
154	60.7	46.8	70.2	

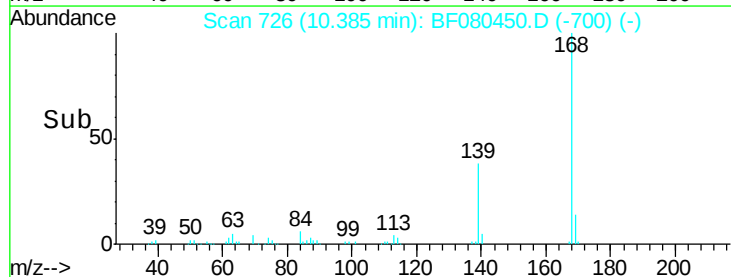
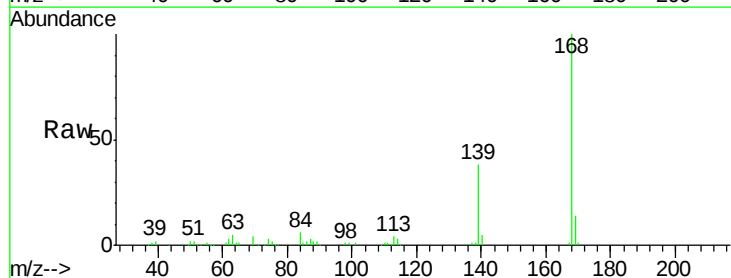
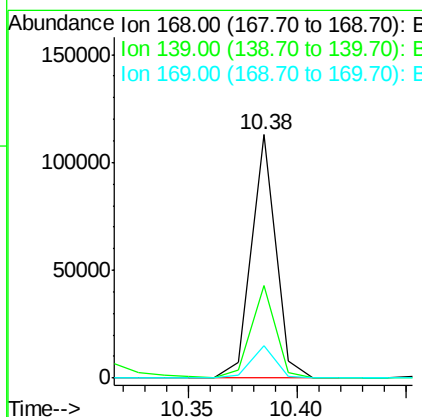
Manual Integrations
APPROVED

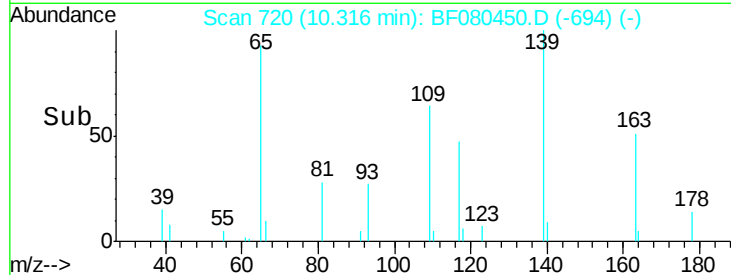
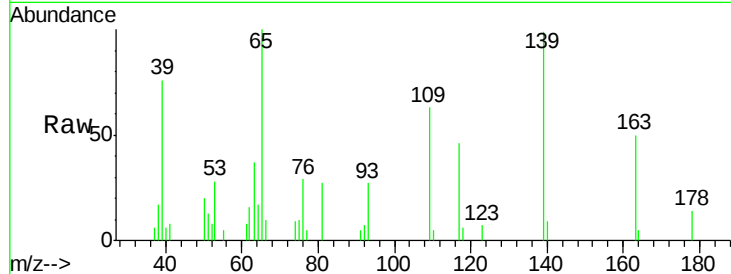
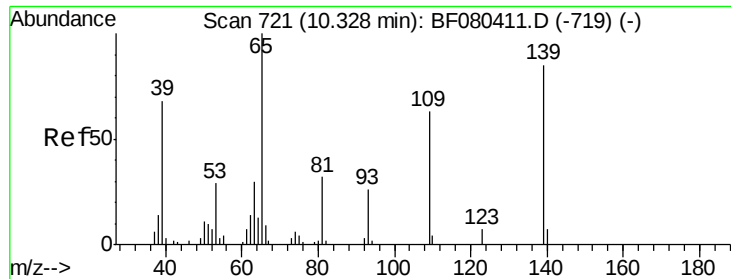
apatel
7/15/2015 8:27:59 AM



#54
Dibenzofuran
Concen: 42.93 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	87593		
139	37.8	33.4	50.2	
169	13.5	11.1	16.7	





#55

4-Nitrophenol

Concen: 30.12 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	139	Resp:	7923
Ion Ratio	Lower	Upper	
139	100		
109	64.0	54.6	94.6
65	101.5	97.8	137.8

Instrument :

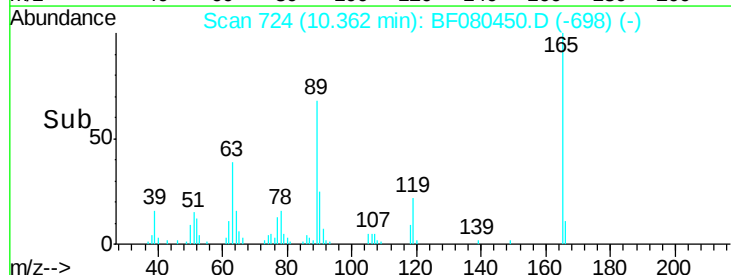
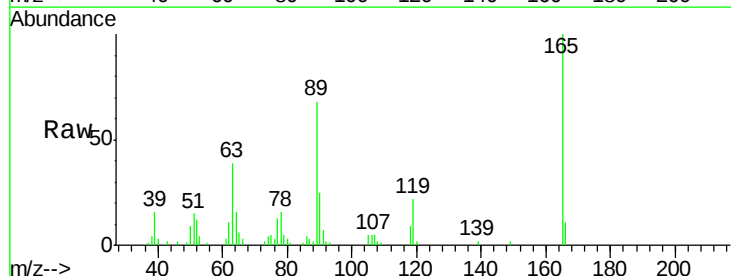
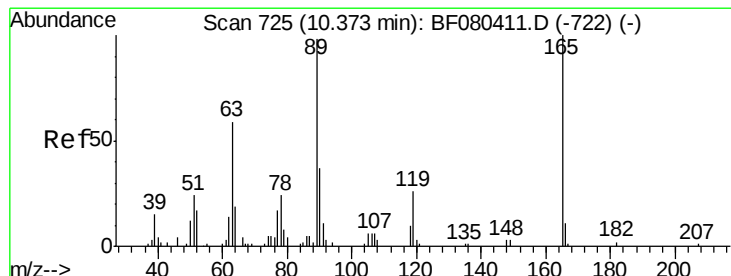
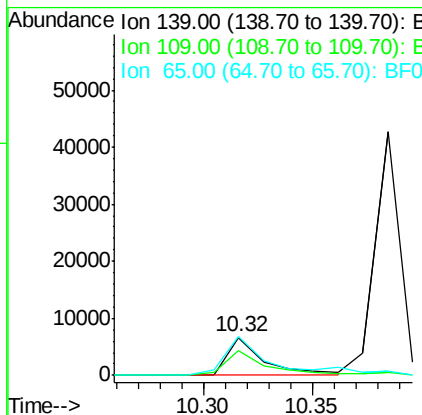
BNA_F

ClientSampleId :

TE-PMV-34MSD

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#56

2,4-Dinitrotoluene

Concen: 42.64 ng

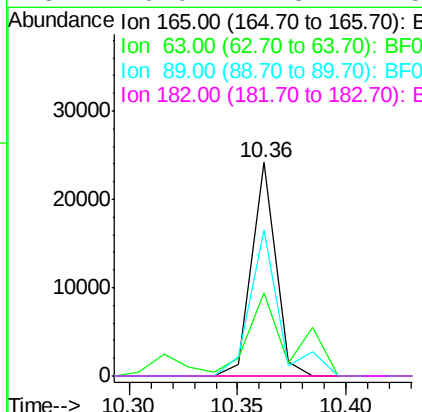
RT: 10.36 min Scan# 724

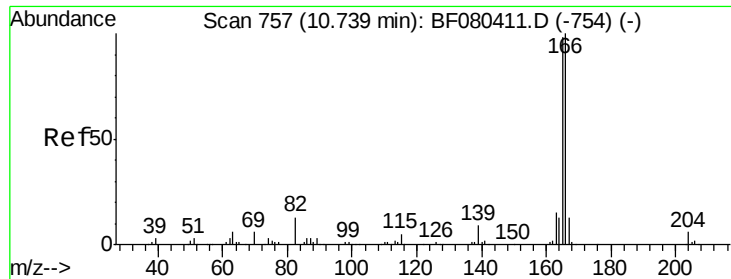
Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	165	Resp:	18630
Ion Ratio	Lower	Upper	
165	100		
63	39.1	51.7	77.5#
89	68.1	78.6	117.8#
182	0.0	1.8	2.8#





#57

Fluorene

Concen: 41.15 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

ClientSampleId :

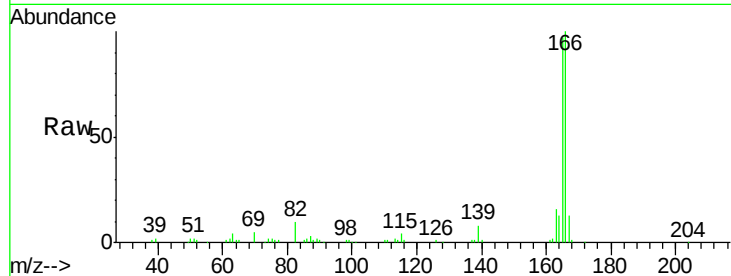
TE-PMV-34MSD

Manual Integrations
APPROVED

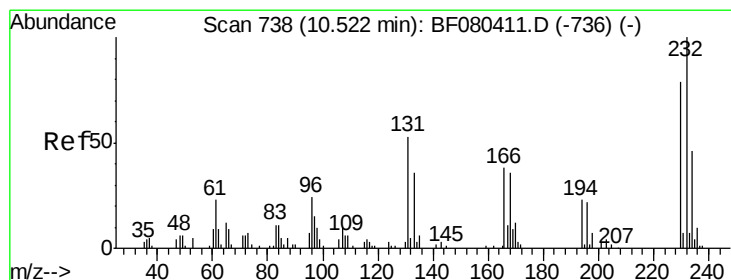
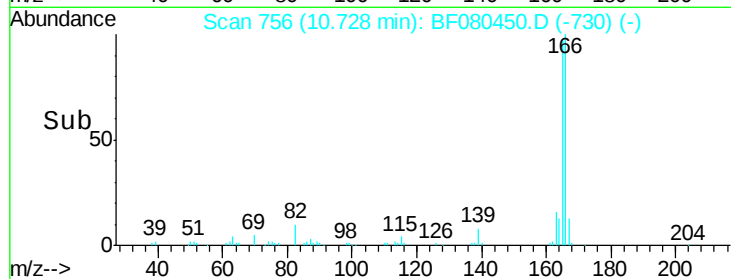
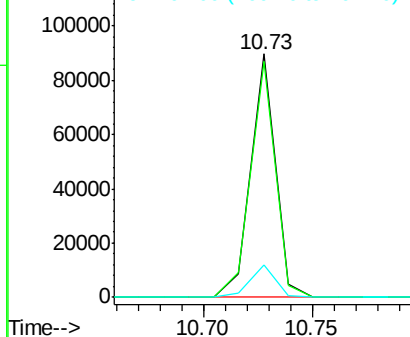
apatel

7/15/2015 8:27:59 AM

Tgt Ion:	166	Resp:	70727
Ion Ratio	Lower	Upper	
166	100		
165	97.1	78.3	117.5
167	13.2	10.6	15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.22 ng

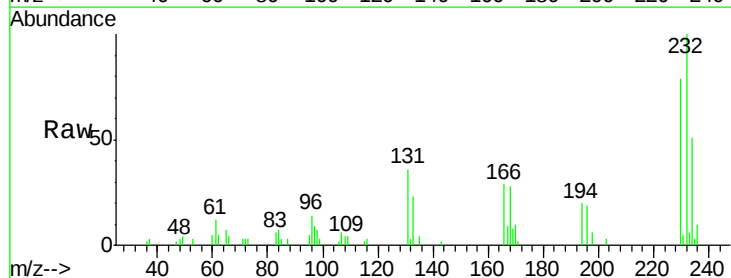
RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

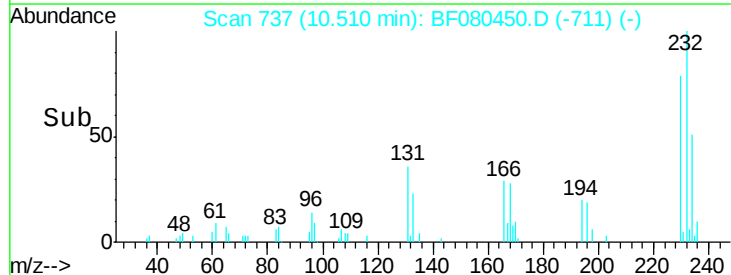
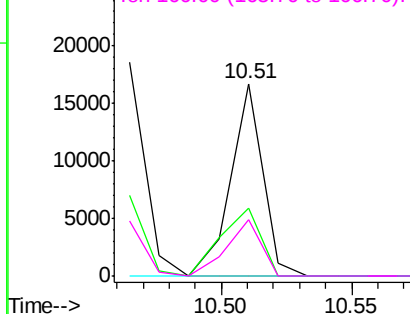
Lab File: BF080450.D

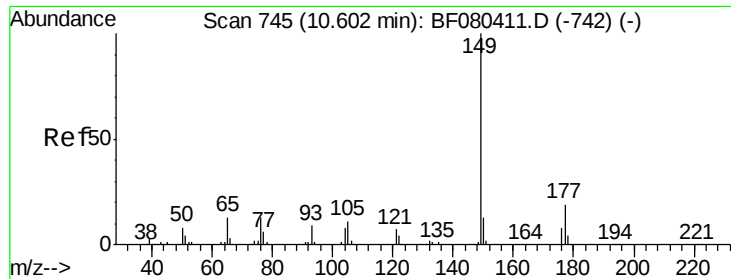
Acq: 14 Jul 2015 6:09

Tgt Ion:	232	Resp:	14474
Ion Ratio	Lower	Upper	
232	100		
131	44.2	33.0	49.4
130	0.0	1.8	2.8#
166	31.2	20.0	30.0#



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





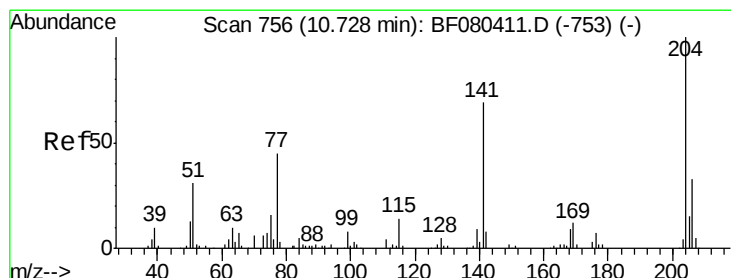
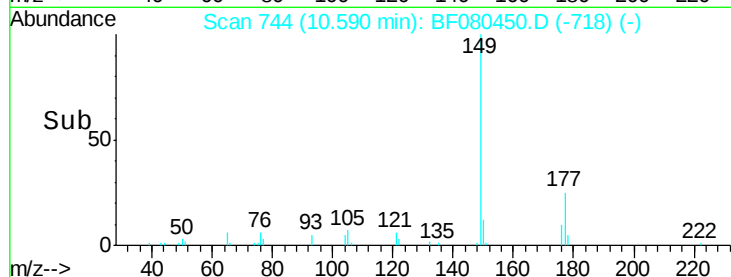
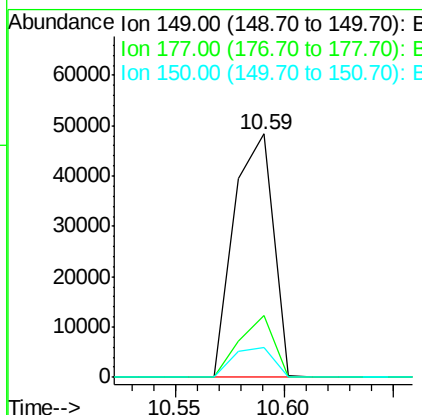
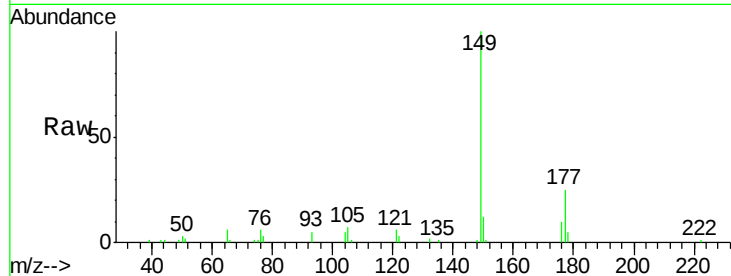
#59
Diethylphthalate
Concen: 37.16 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.5	15.4	23.2#
150	12.4	10.3	15.5

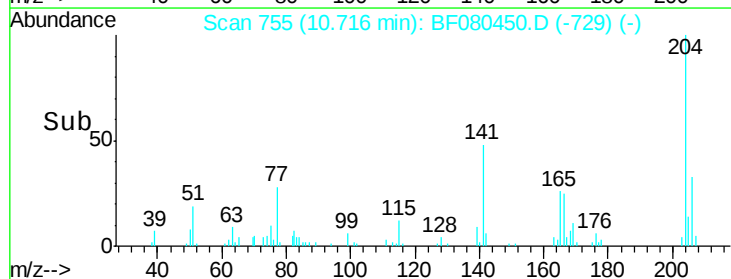
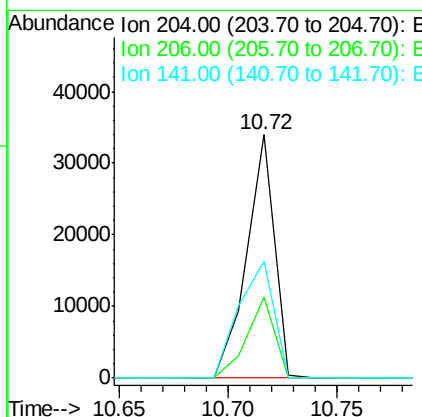
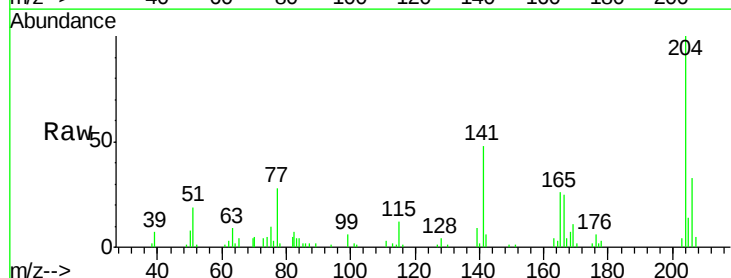
Manual Integrations
APPROVED

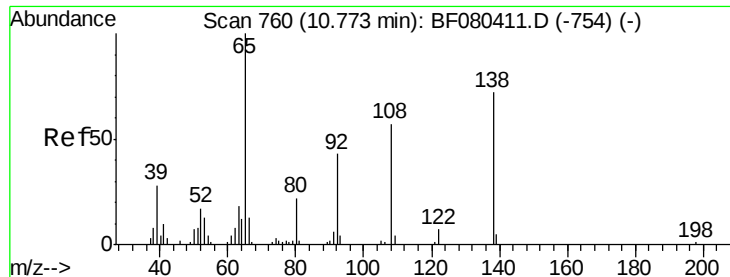
apatel
7/15/2015 8:27:59 AM



#60
4-Chlorophenyl-phenylether
Concen: 36.24 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.8	40.2
141	47.8	55.1	82.7#





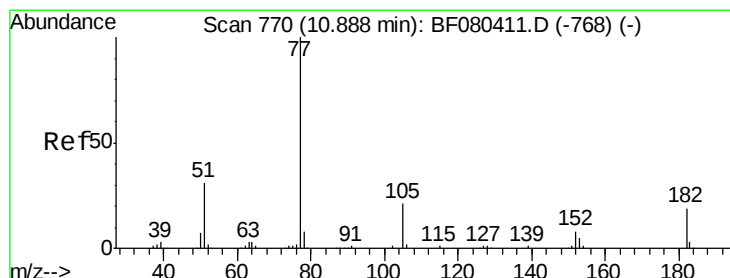
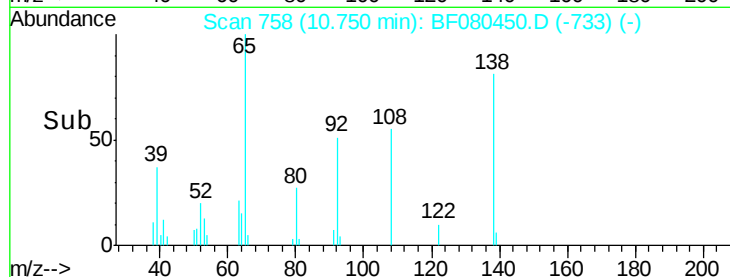
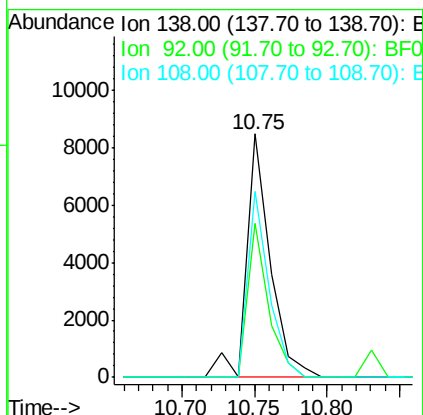
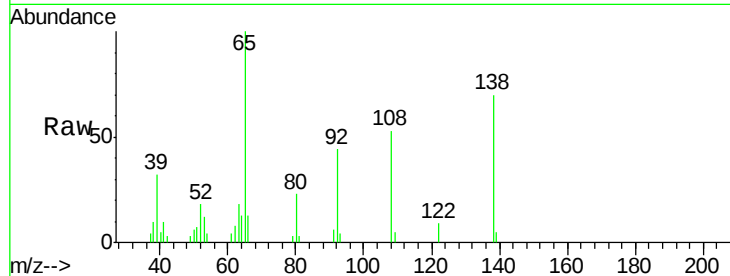
#61
4-Nitroaniline
Concen: 27.07 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.1	39.0	79.0
108	76.5	59.4	99.4

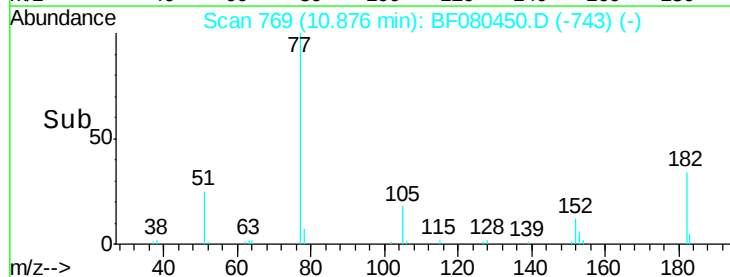
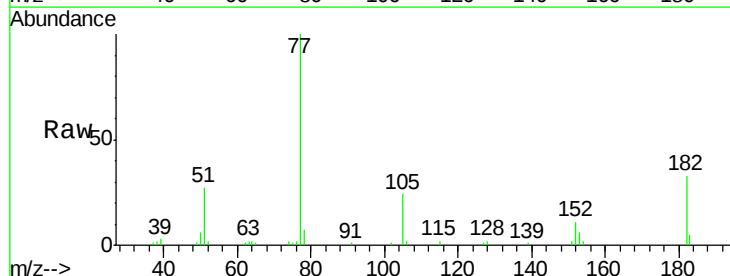
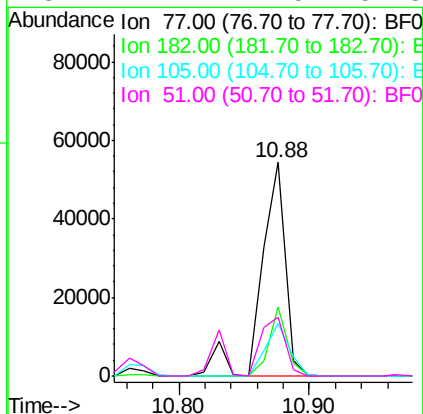
Manual Integrations
APPROVED

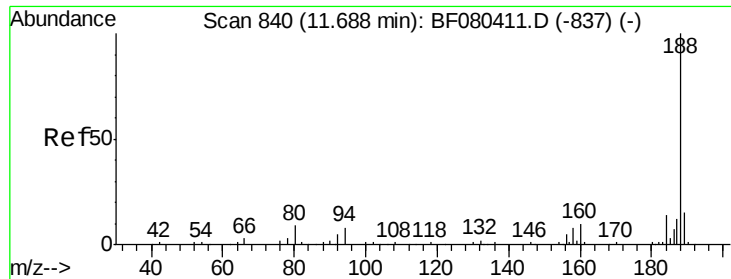
apatel
7/15/2015 8:27:59 AM



#62
Azobenzene
Concen: 39.80 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.5	0.0	39.4
105	24.4	0.6	40.6
51	27.4	11.5	51.5





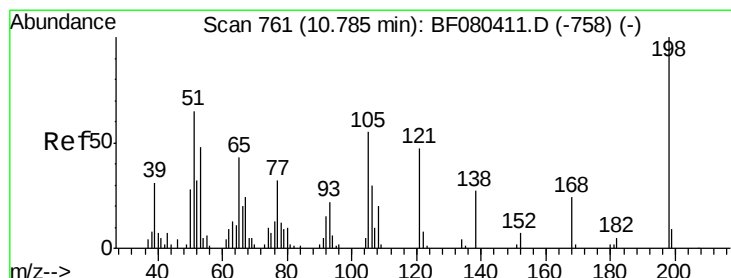
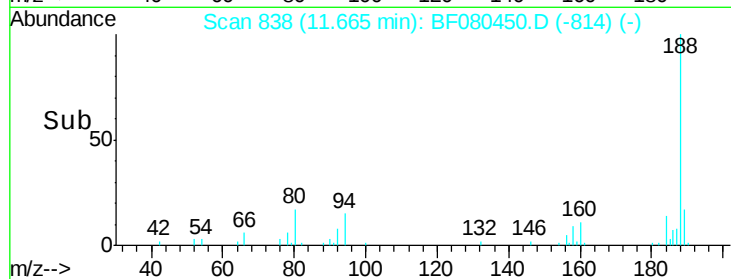
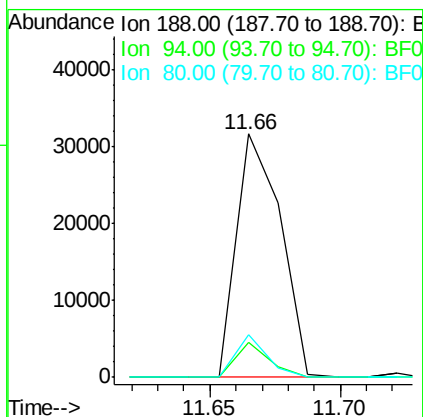
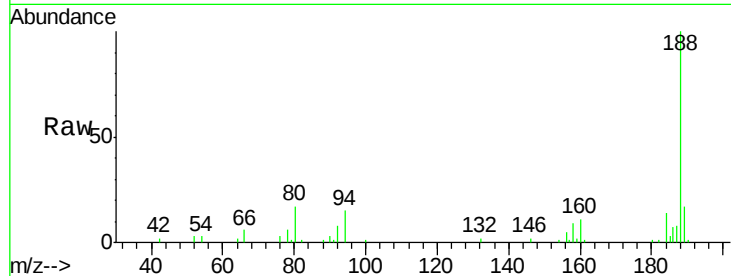
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.6	6.7	10.1#
80	17.4	7.5	11.3#

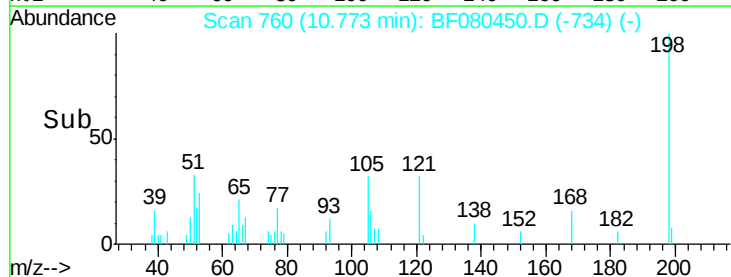
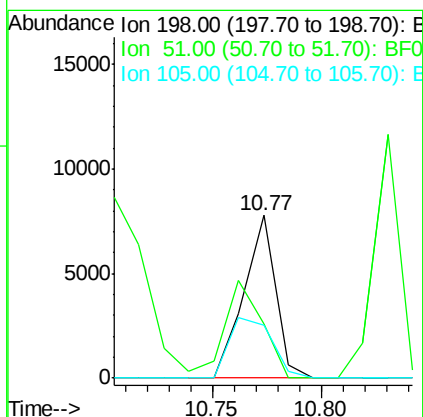
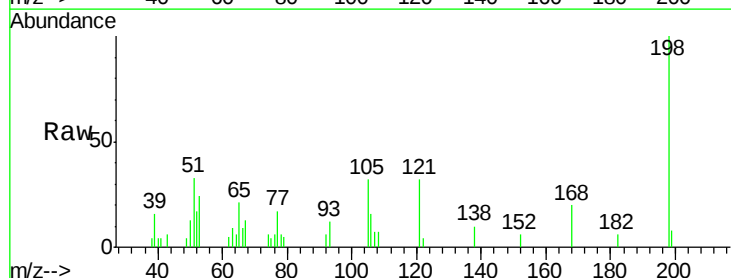
Manual Integrations
 APPROVED

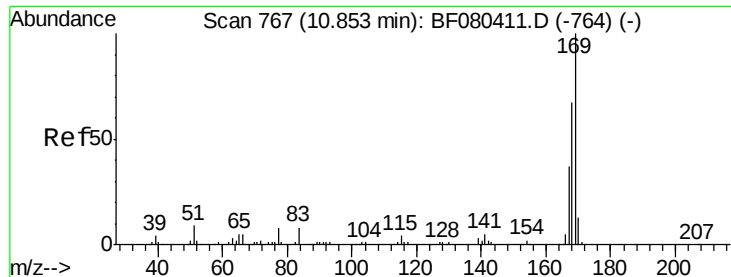
apatel
 7/15/2015 8:27:59 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.27 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	33.4	47.2	87.2#
105	32.4	34.7	74.7#





#65

n-Nitrosodiphenylamine

Concen: 49.52 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

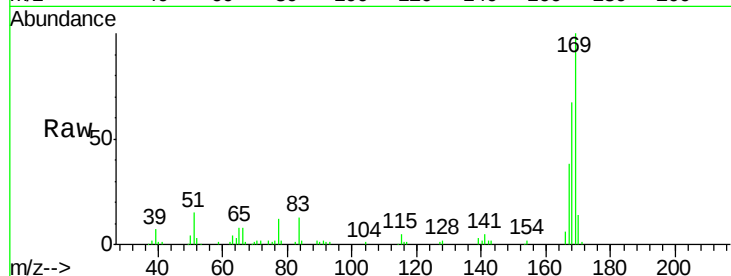
ClientSampleId :

TE-PMV-34MSD

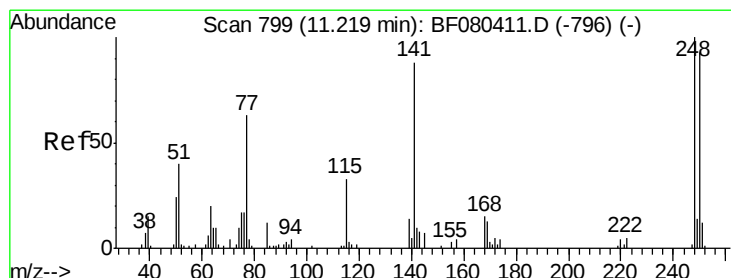
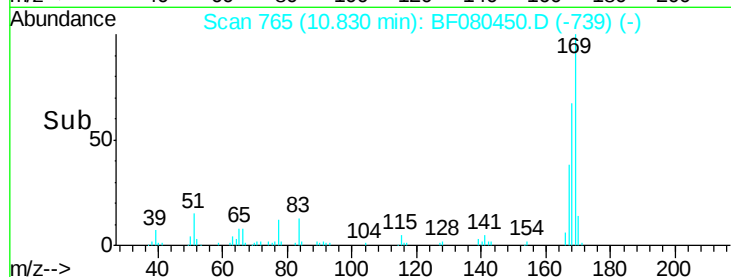
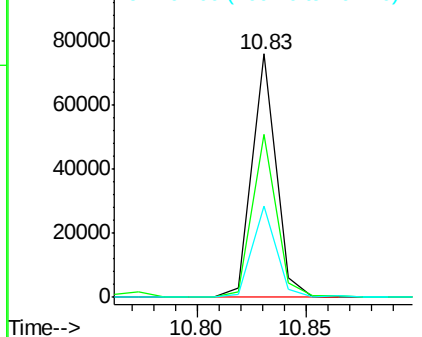
Tgt Ion:	169	Resp:	58134
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.5	80.3
167	37.5	29.4	44.2

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



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: 43.77 ng

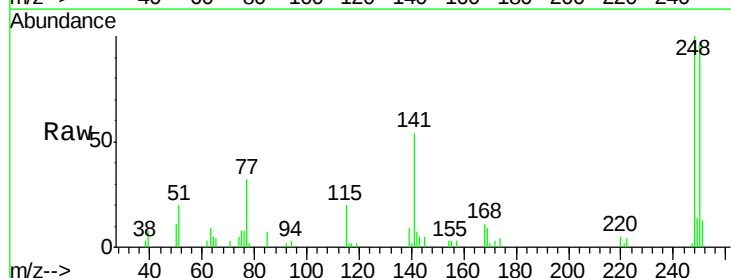
RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

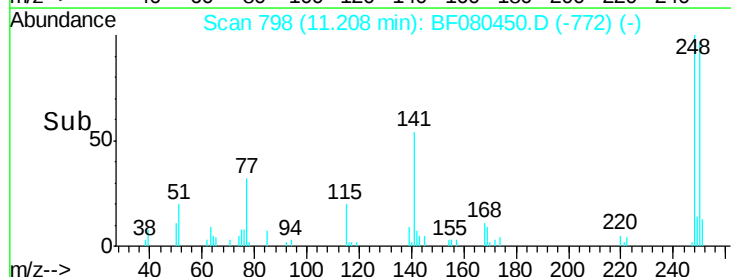
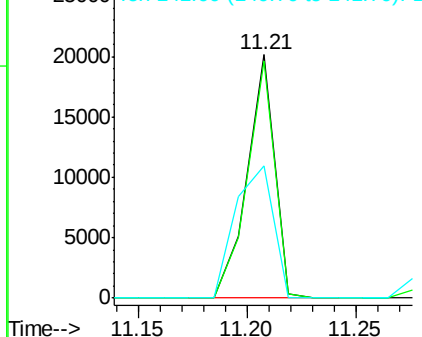
Lab File: BF080450.D

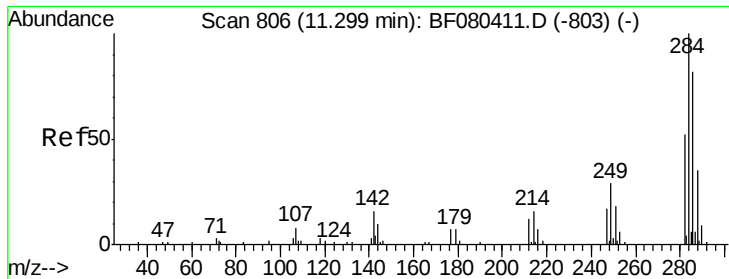
Acq: 14 Jul 2015 6:09

Tgt Ion:	248	Resp:	17570
Ion Ratio	Lower	Upper	
248	100		
250	97.4	74.2	111.4
141	54.4	70.7	106.1#



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





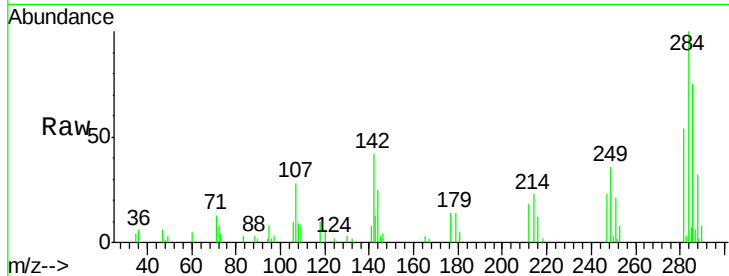
#67
Hexachlorobenzene
Concen: 46.31 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

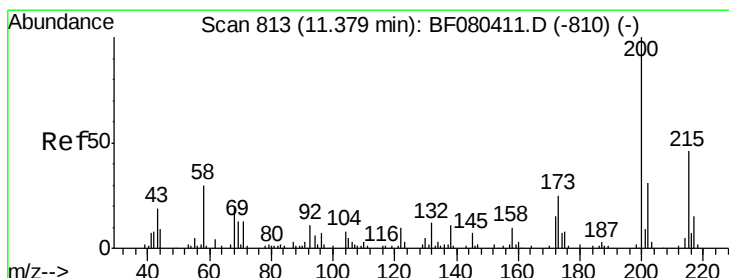
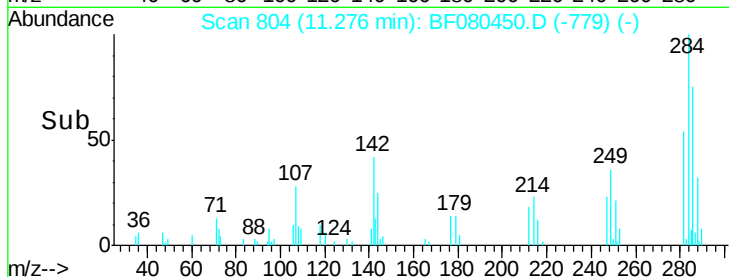
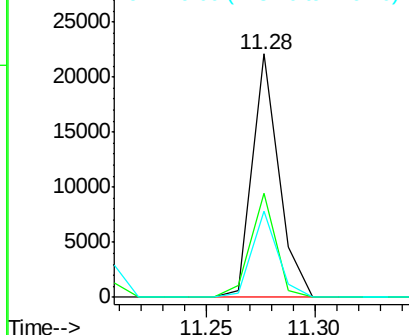
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	42.5	12.9	19.3#
249	35.6	23.5	35.3#

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM

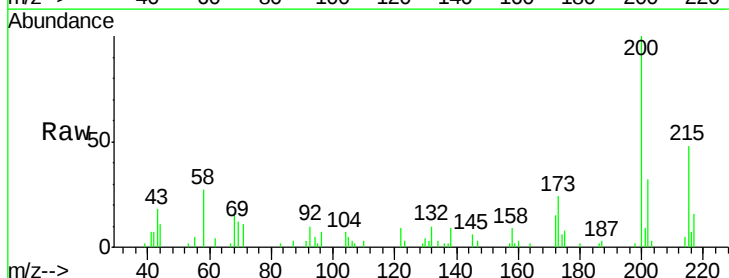


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

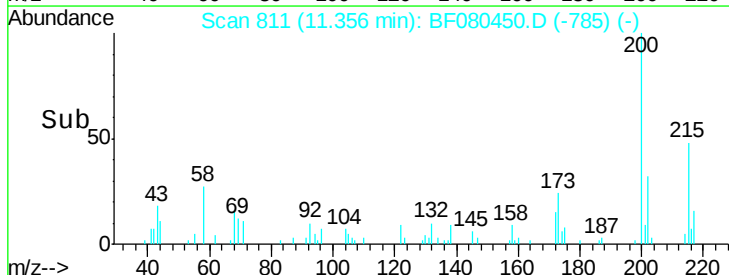
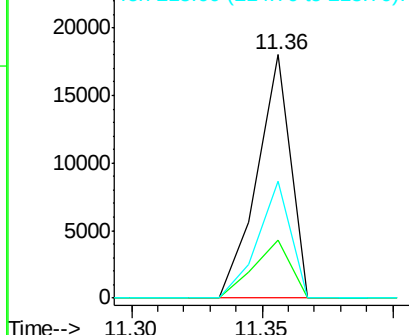


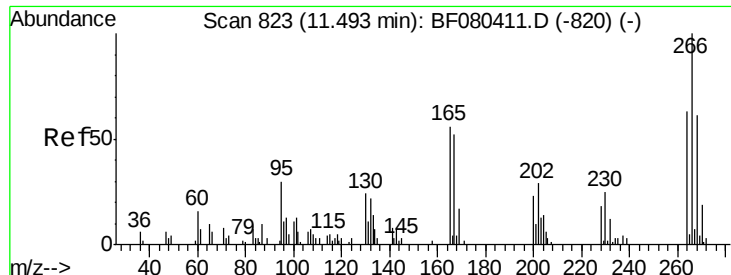
#68
Atrazine
Concen: 44.47 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	5.5	45.5
215	48.1	25.8	65.8



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





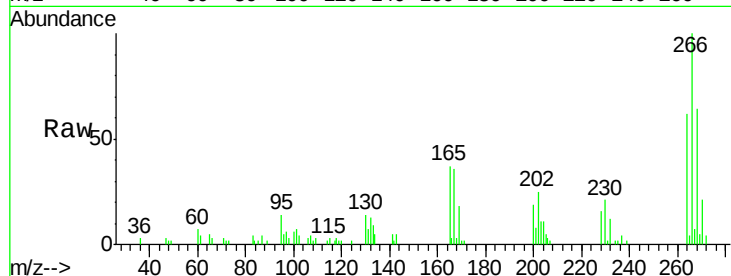
#69
 Pentachlorophenol
 Concen: 78.38 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

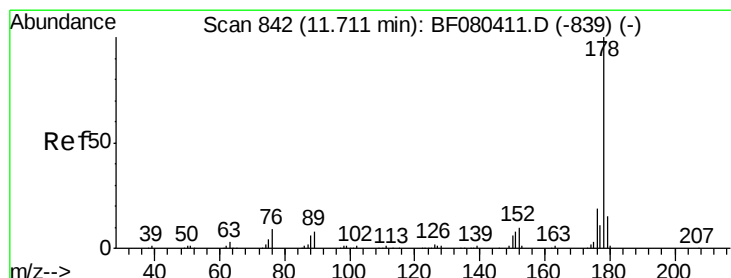
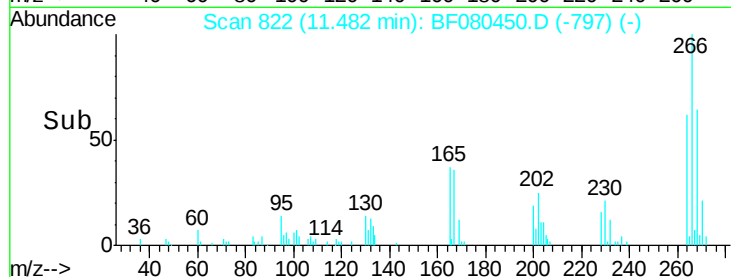
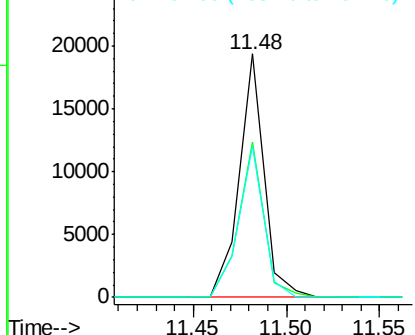
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	48.5	72.7
264	62.2	50.2	75.2

Manual Integrations
 APPROVED

apatel
 7/15/2015 8:27:59 AM

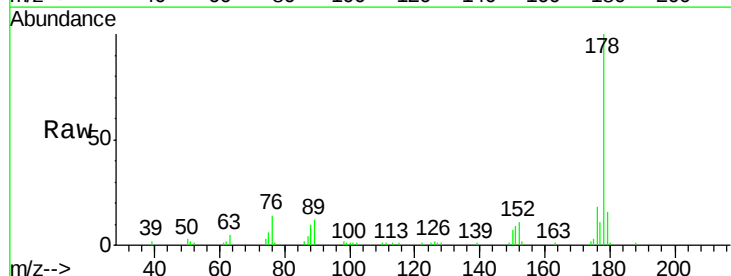


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

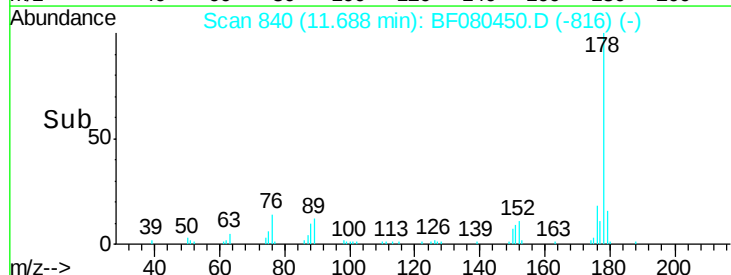
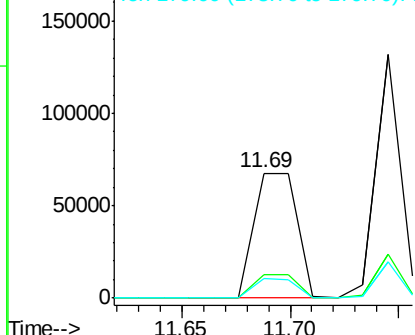


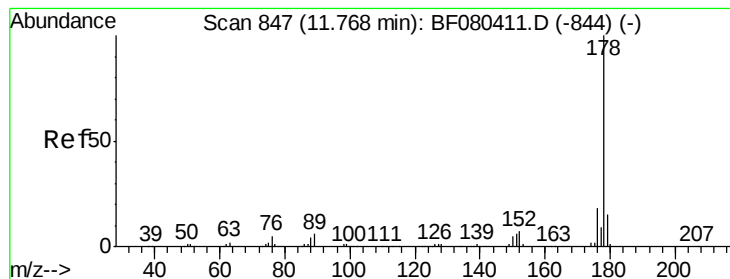
#70
 Phenanthrene
 Concen: 41.48 ng
 RT: 11.69 min Scan# 840
 Delta R.T. -0.02 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	16.1	12.4	18.6



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





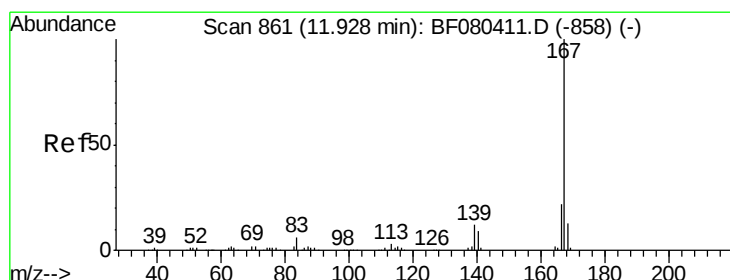
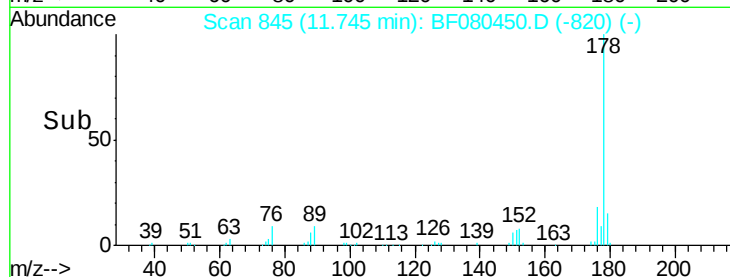
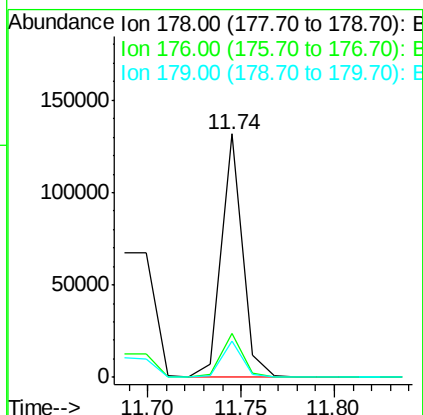
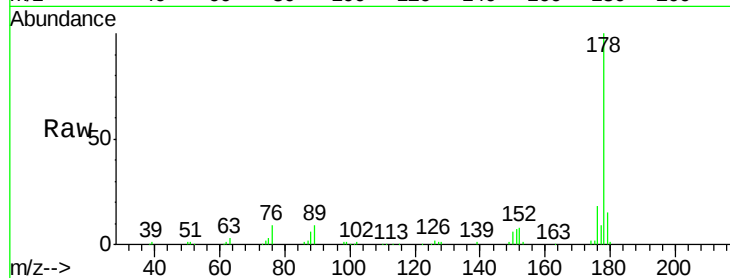
#71
 Anthracene
 Concen: 50.06 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.2	21.4
179	14.9	11.6	17.4

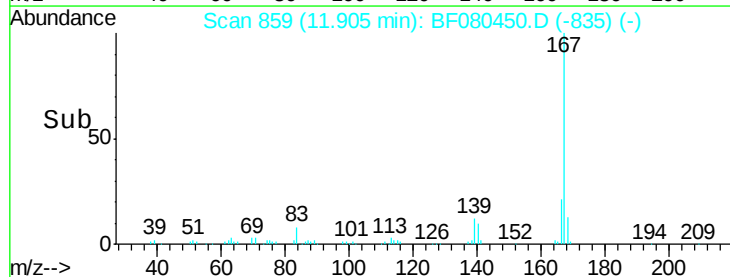
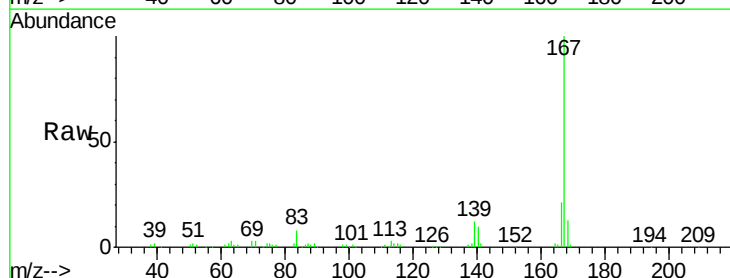
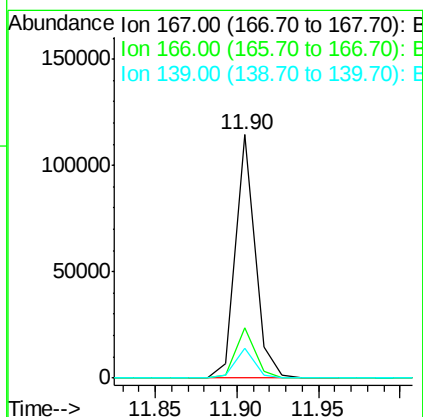
Manual Integrations
 APPROVED

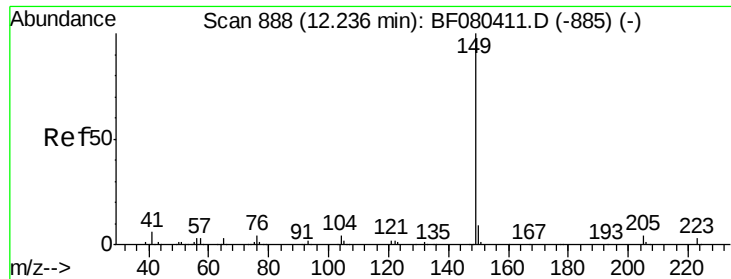
apatel
 7/15/2015 8:27:59 AM



#72
 Carbazole
 Concen: 48.86 ng
 RT: 11.90 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.2
139	12.5	9.5	14.3





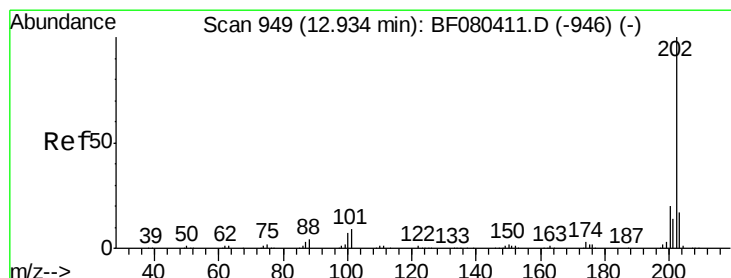
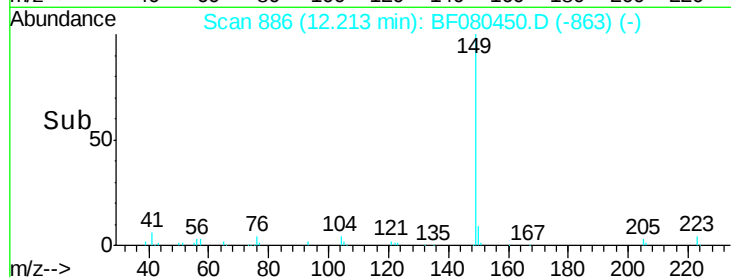
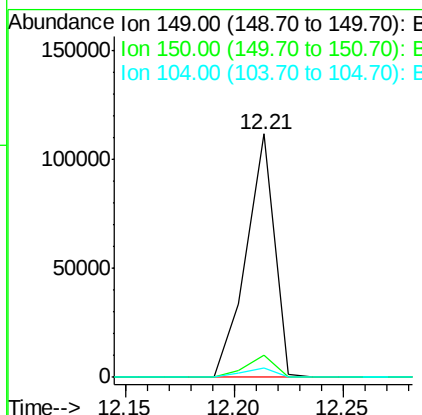
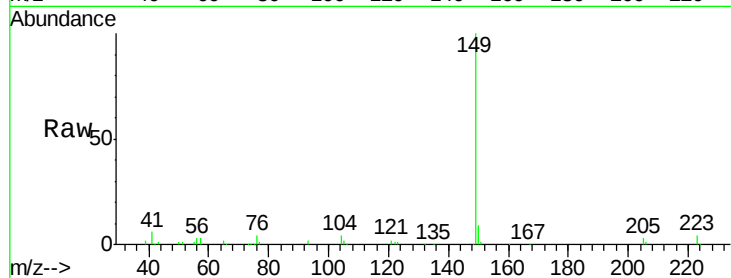
#73
Di-n-butylphthalate
Concen: 49.15 ng
RT: 12.21 min Scan# 886
Delta R.T. -0.03 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.9	7.4	11.0
104	3.8	3.5	5.3

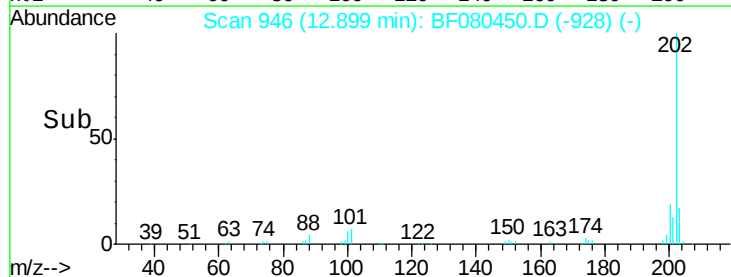
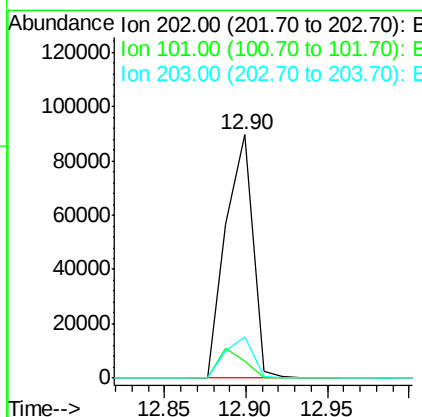
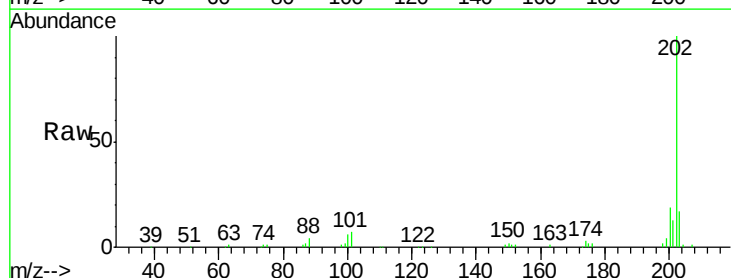
Manual Integrations
APPROVED

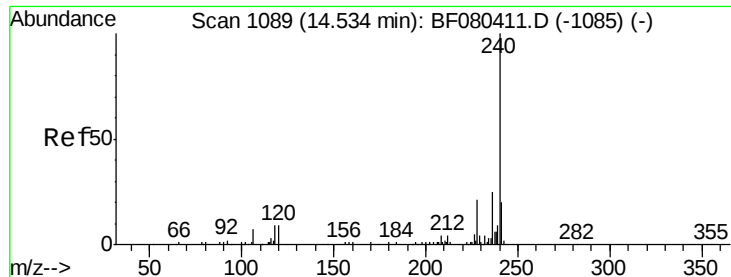
apatel
7/15/2015 8:27:59 AM



#74
Fluoranthene
Concen: 43.90 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.09 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.3	0.0	28.8
203	16.9	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.43 min Scan# 1080

Delta R.T. -0.29 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

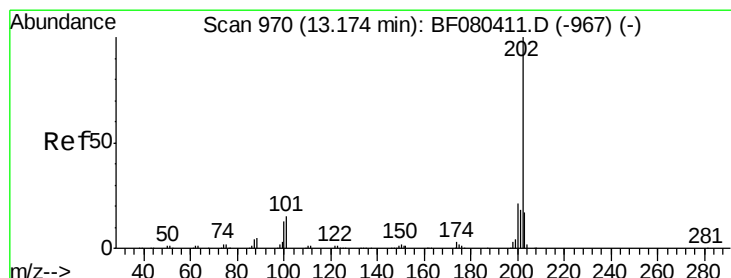
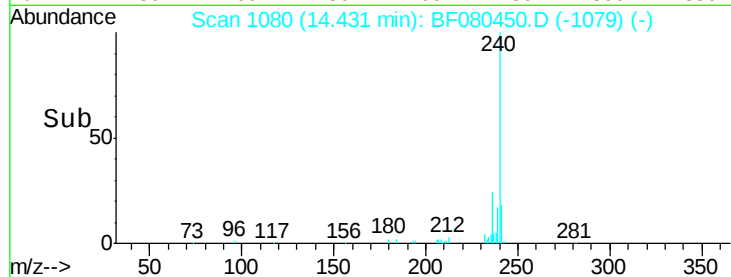
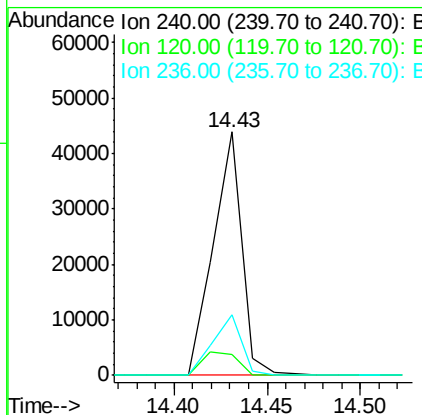
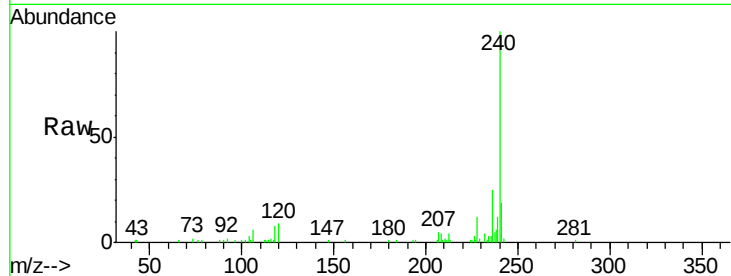
ClientSampleId :

TE-PMV-34MSD

Tgt Ion:	240	Resp:	46839
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.4	11.2
236	25.1	19.7	29.5

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#77

Pyrene

Concen: 35.57 ng m

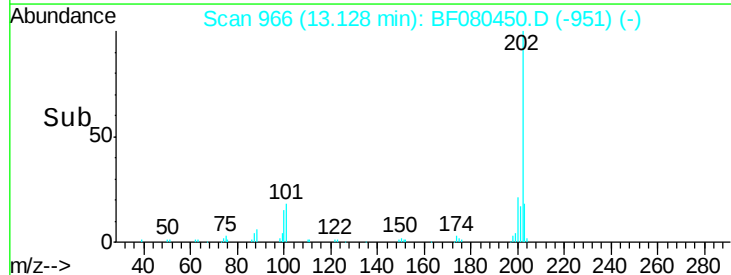
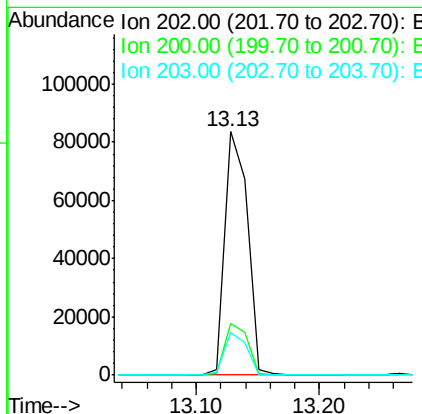
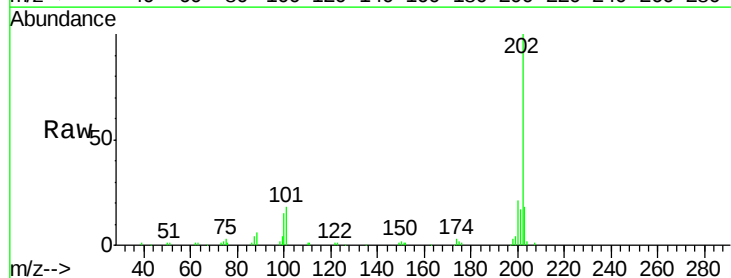
RT: 13.13 min Scan# 966

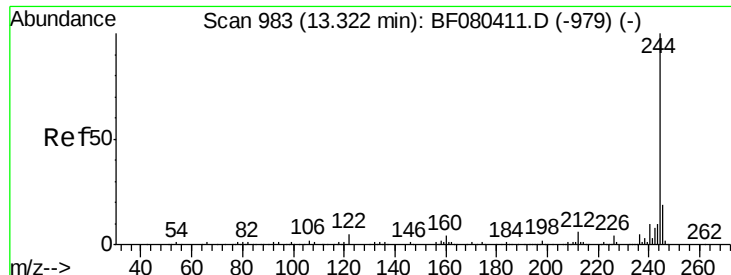
Delta R.T. -0.13 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	202	Resp:	106754
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	17.8	13.8	20.8





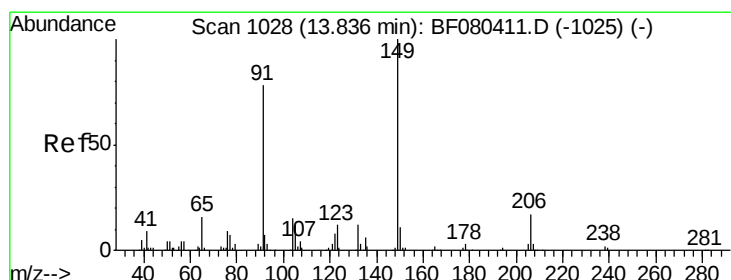
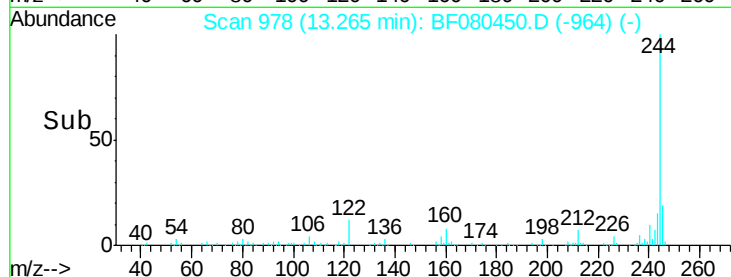
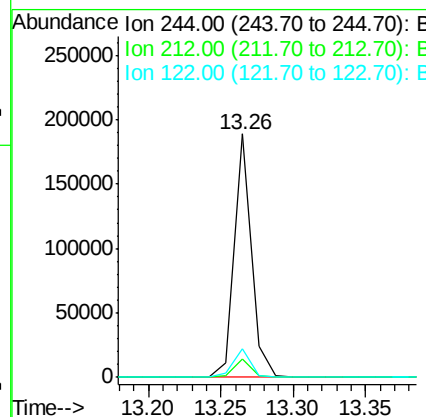
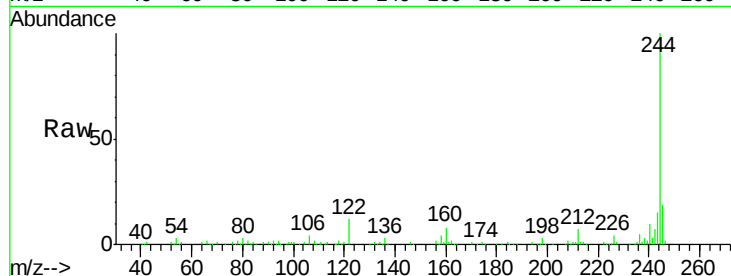
#78
 Terphenyl-d14
 Concen: 71.80 ng
 RT: 13.26 min Scan# 978
 Delta R.T. -0.14 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMV-34MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	4.9	7.3#
122	11.8	4.1	6.1#

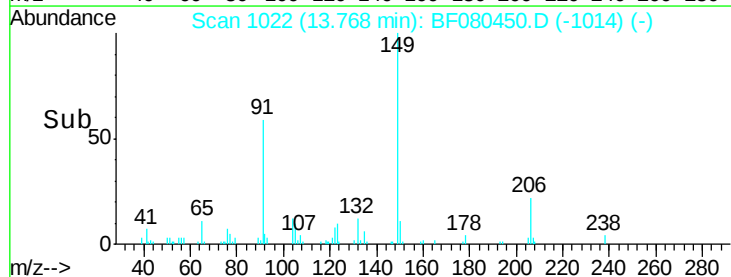
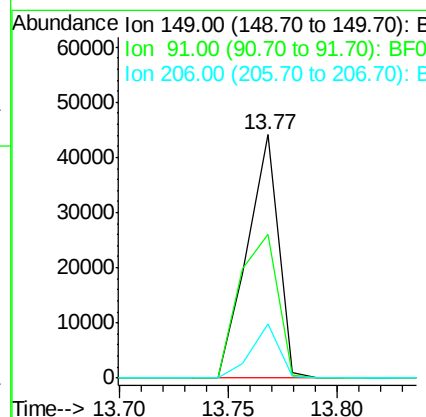
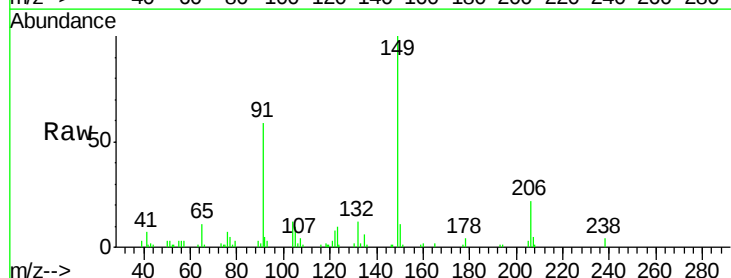
Manual Integrations
 APPROVED

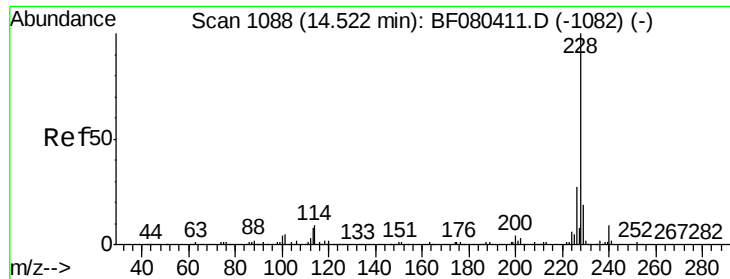
apatel
 7/15/2015 8:27:59 AM



#79
 Butylbenzylphthalate
 Concen: 38.55 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.21 min
 Lab File: BF080450.D
 Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	59.2	62.5	93.7#
206	22.1	14.0	21.0#





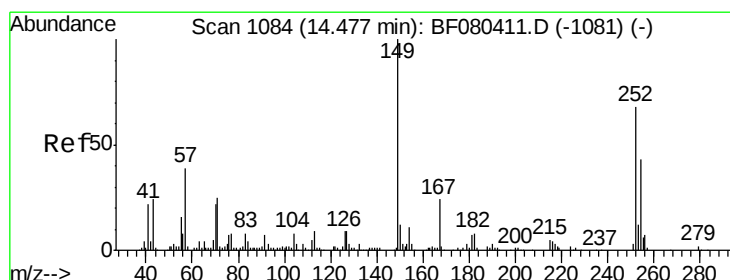
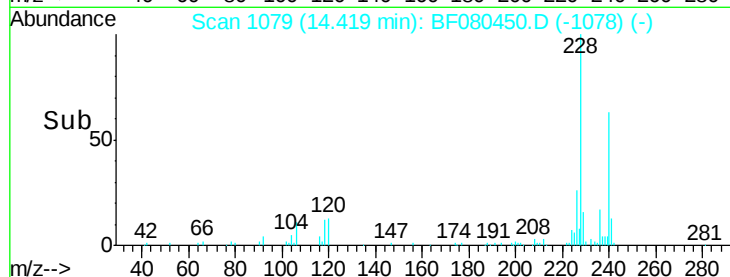
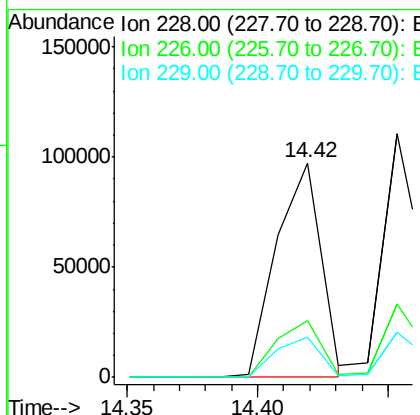
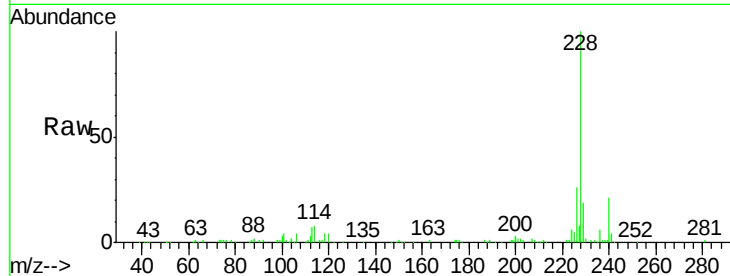
#80
Benzo(a)anthracene
Concen: 39.26 ng
RT: 14.42 min Scan# 1079
Delta R.T. -0.29 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	115890		
226	26.5	21.7	32.5	
229	18.6	15.5	23.3	

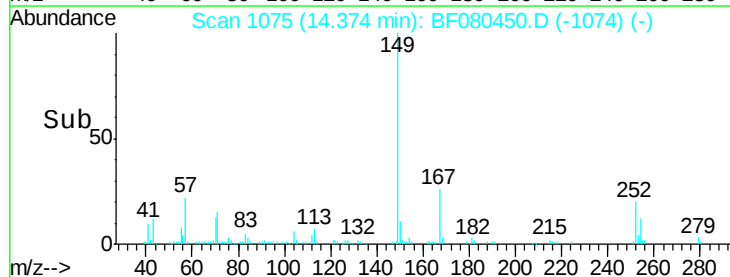
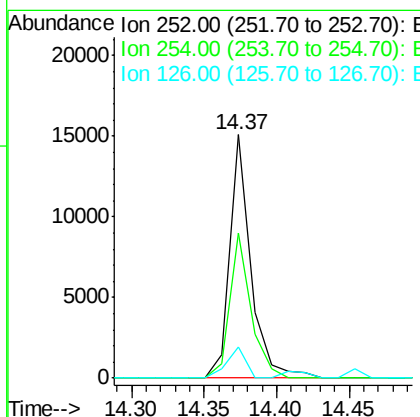
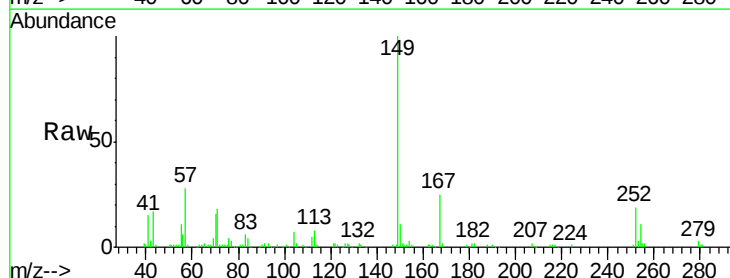
Manual Integrations
APPROVED

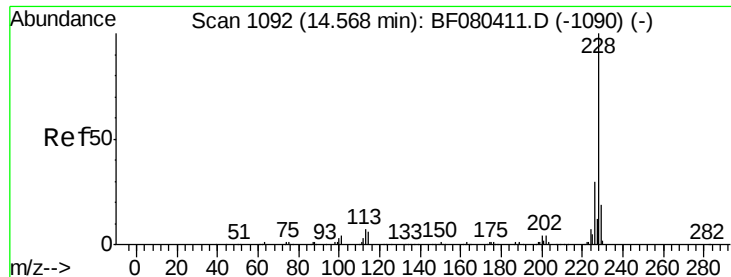
apatel
7/15/2015 8:27:59 AM



#81
3,3'-Dichlorobenzidine
Concen: 17.25 ng
RT: 14.37 min Scan# 1075
Delta R.T. -0.29 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	15219		
254	59.7	50.6	76.0	
126	12.6	10.6	15.8	





#82

Chrysene

Concen: 41.86 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.30 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Instrument :

BNA_F

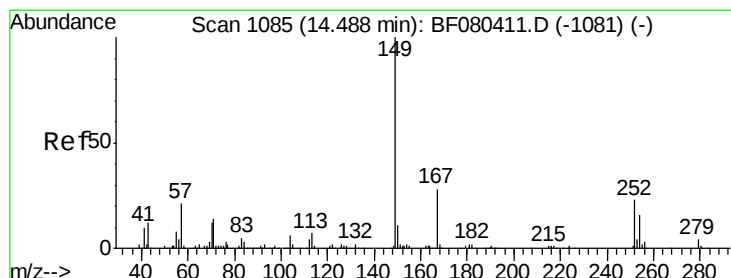
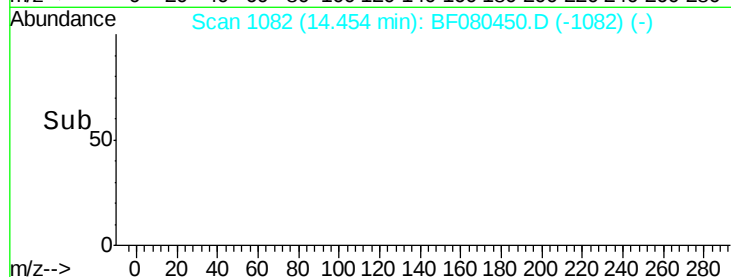
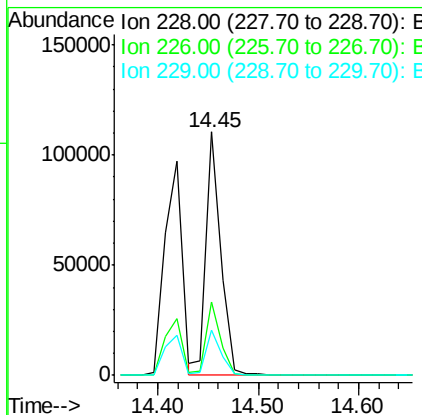
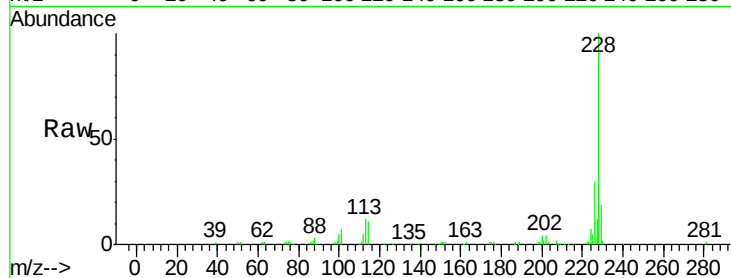
ClientSampleId :

TE-PMV-34MSD

Tgt Ion:	228	Resp:	113779
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.3	36.5
229	18.8	15.5	23.3

Manual Integrations
APPROVED

apatel
7/15/2015 8:27:59 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.26 ng

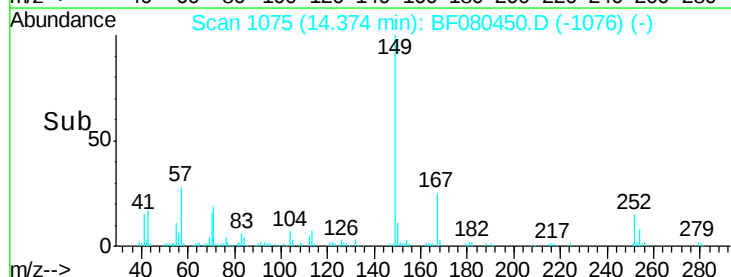
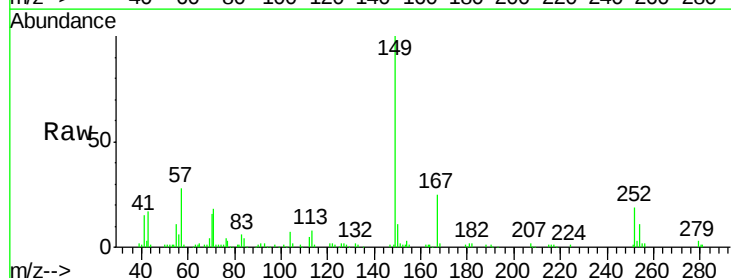
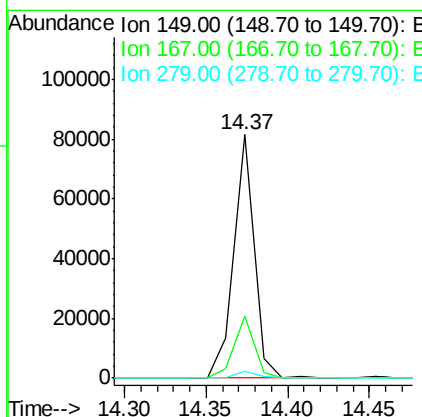
RT: 14.37 min Scan# 1075

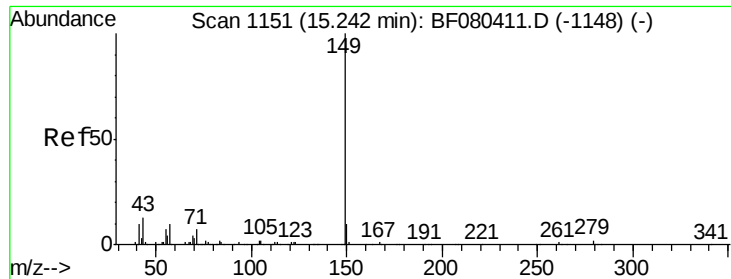
Delta R.T. -0.31 min

Lab File: BF080450.D

Acq: 14 Jul 2015 6:09

Tgt Ion:	149	Resp:	70085
Ion Ratio	Lower	Upper	
149	100		
167	25.3	22.5	33.7
279	2.9	3.5	5.3#





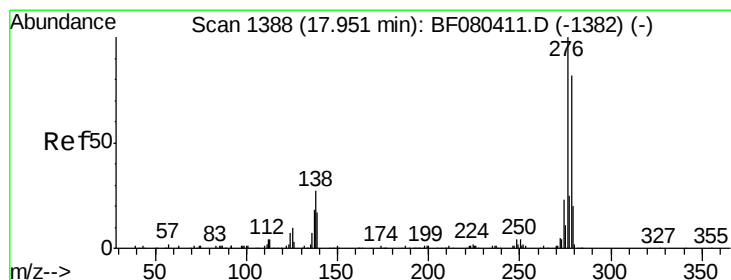
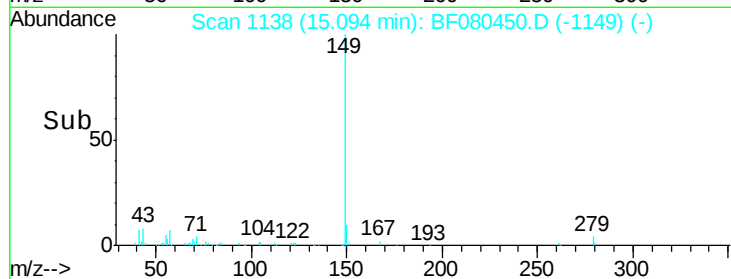
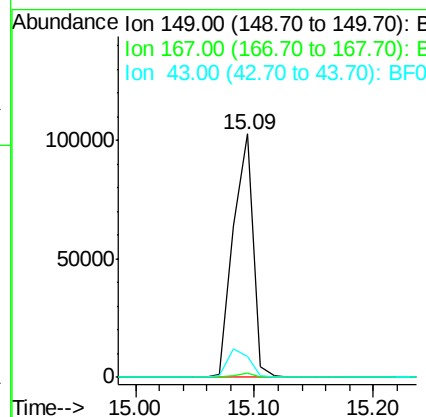
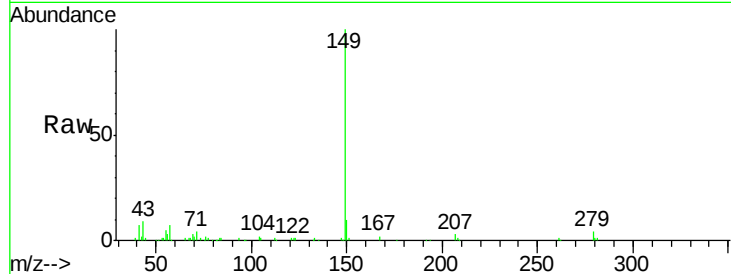
#84
Di-n-octyl phthalate
Concen: 37.85 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.42 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	15.1	9.0	13.6

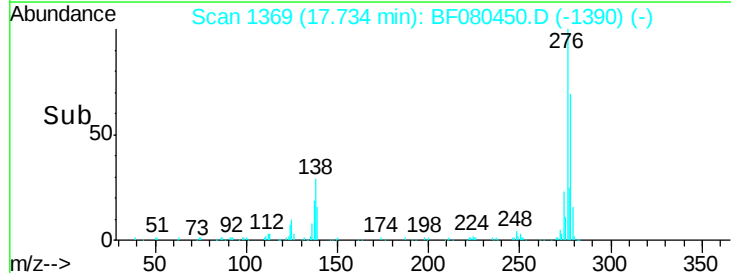
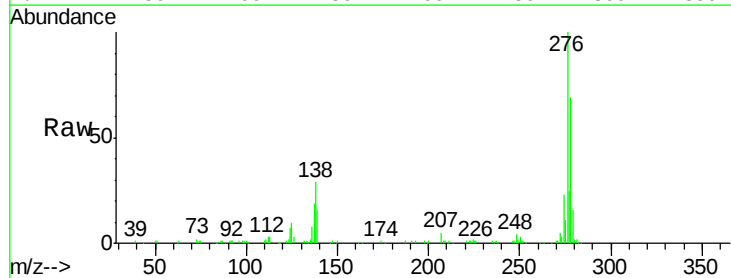
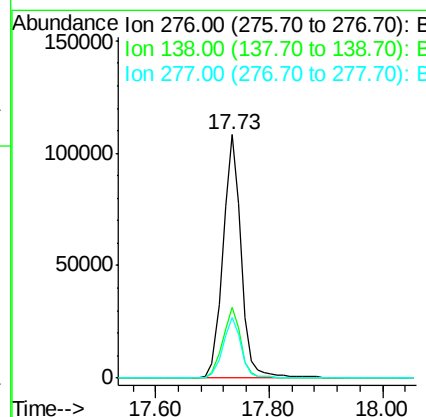
Manual Integrations
APPROVED

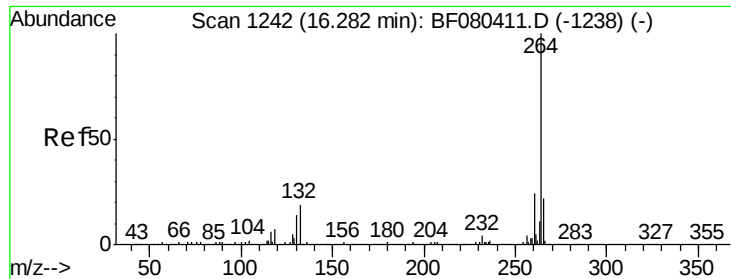
apatel
7/15/2015 8:27:59 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 71.35 ng
RT: 17.73 min Scan# 1369
Delta R.T. -0.54 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.9	21.4	32.0
277	24.7	19.5	29.3





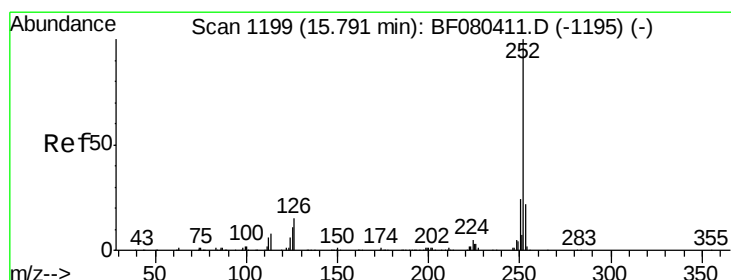
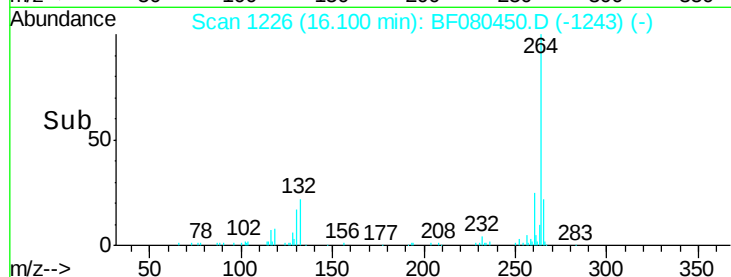
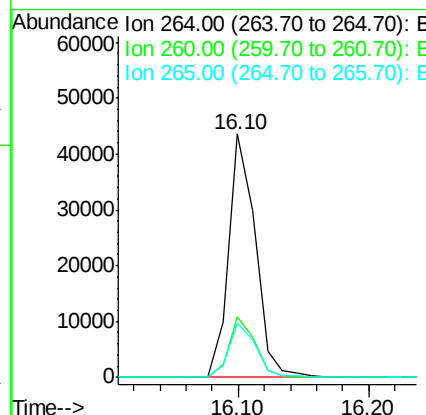
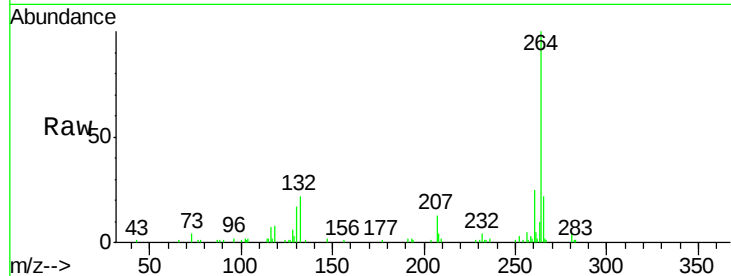
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1226
Delta R.T. -0.49 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.3	17.8	26.8

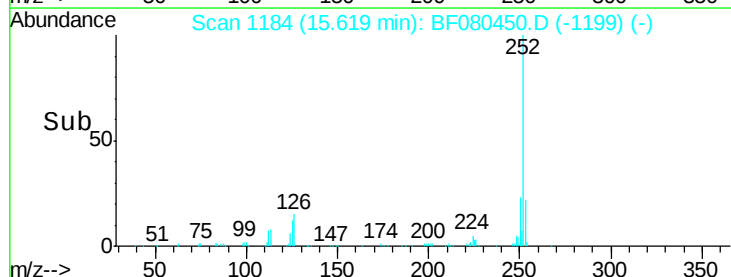
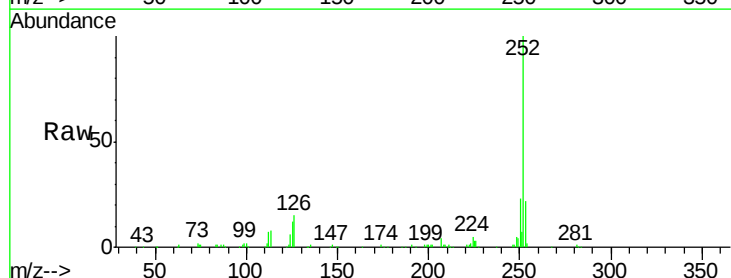
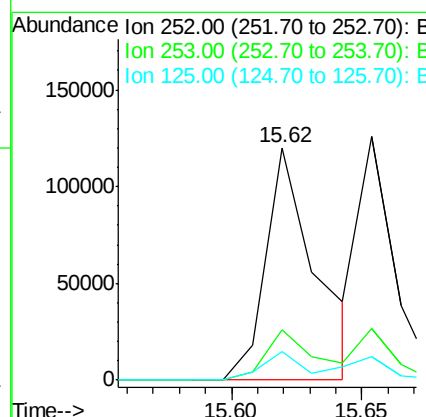
Manual Integrations
APPROVED

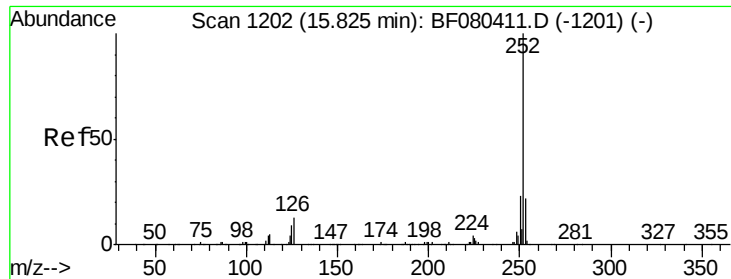
apatel
7/15/2015 8:27:59 AM



#87
Benzo(b)fluoranthene
Concen: 37.40 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.47 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.1	8.6	12.8





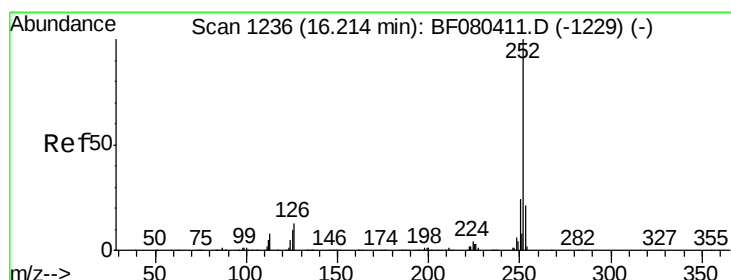
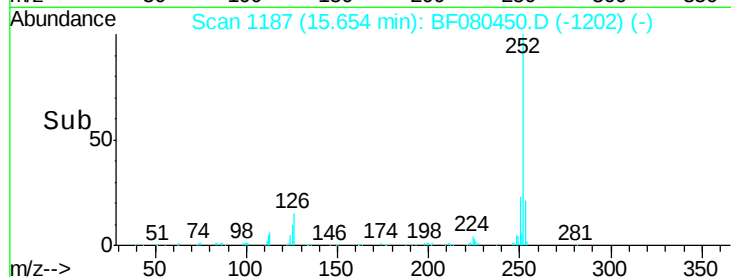
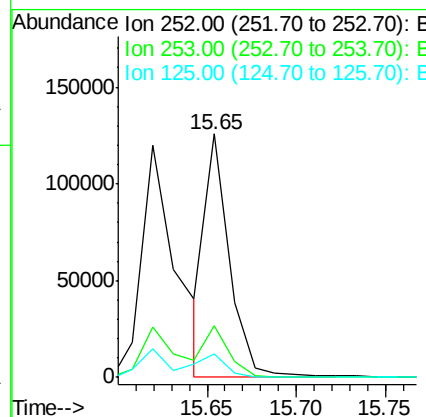
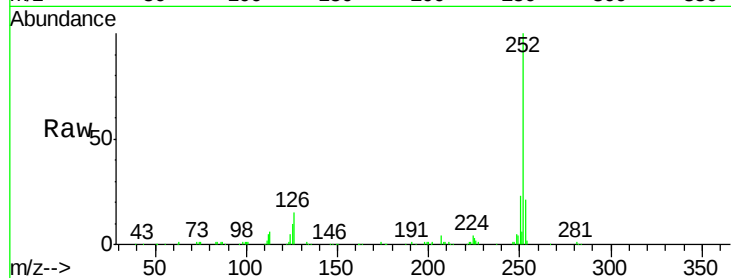
#88
Benzo(k)fluoranthene
Concen: 34.00 ng m
RT: 15.65 min Scan# 1187
Delta R.T. -0.47 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	9.9	8.4	12.6

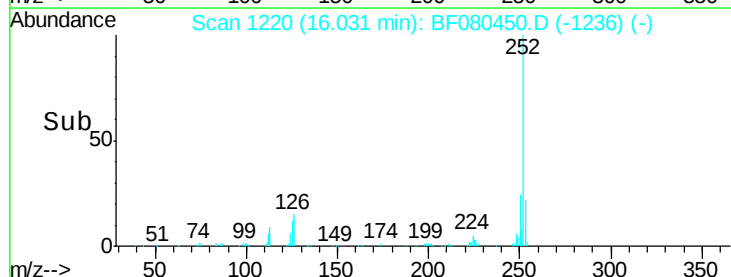
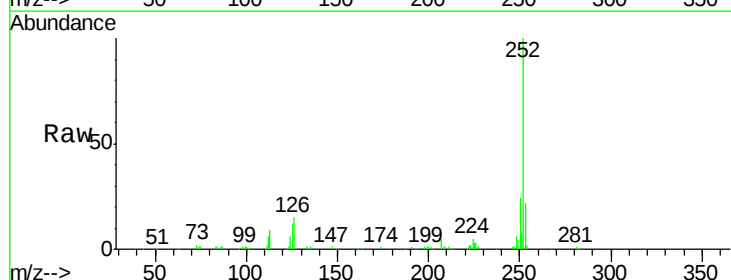
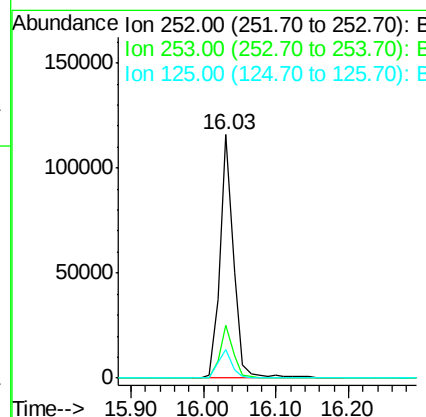
Manual Integrations
APPROVED

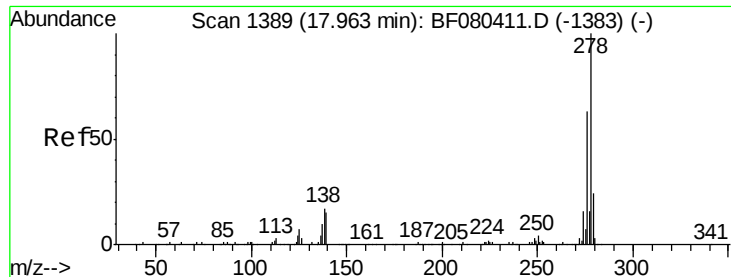
apatel
7/15/2015 8:27:59 AM



#89
Benzo(a)pyrene
Concen: 40.00 ng
RT: 16.03 min Scan# 1220
Delta R.T. -0.48 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.7	8.1	12.1





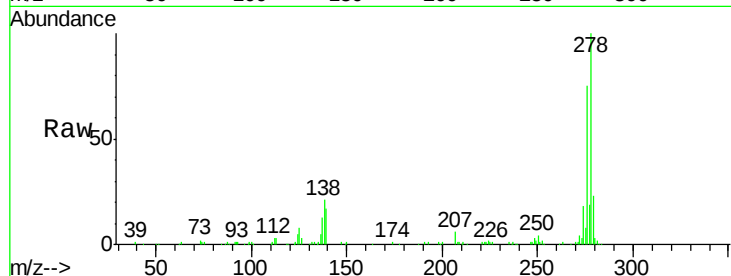
#90
Dibenzo(a,h)anthracene
Concen: 53.37 ng
RT: 17.75 min Scan# 1370
Delta R.T. -0.54 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Instrument :
BNA_F
ClientSampleId :
TE-PMV-34MSD

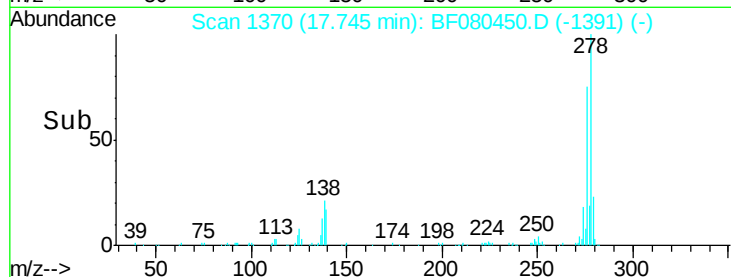
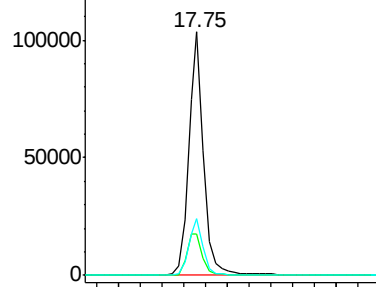
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	11.8	17.8
279	23.0	18.8	28.2

Manual Integrations
APPROVED

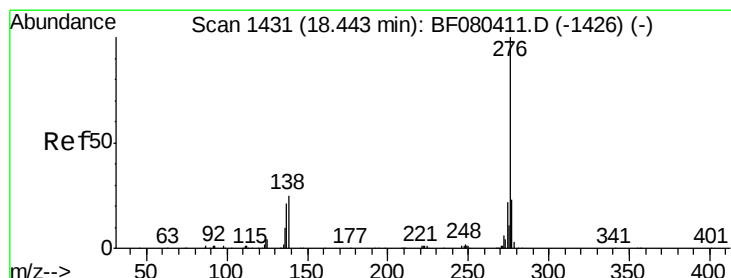
apatel
7/15/2015 8:27:59 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

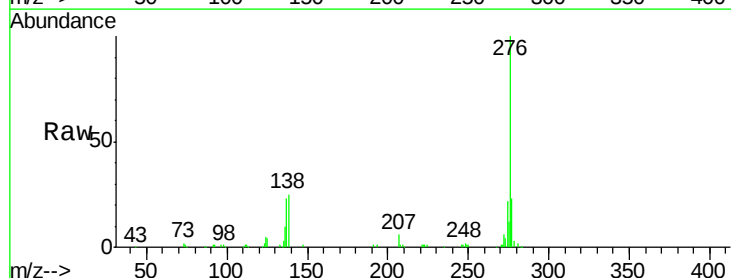


Time-->

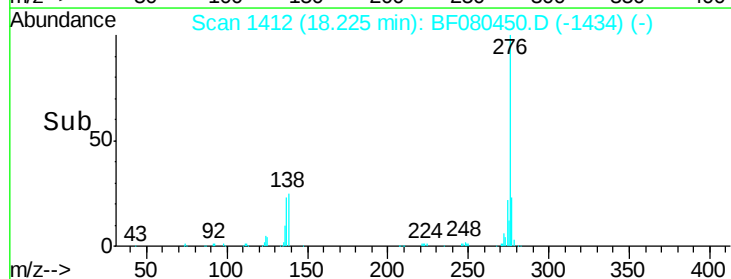
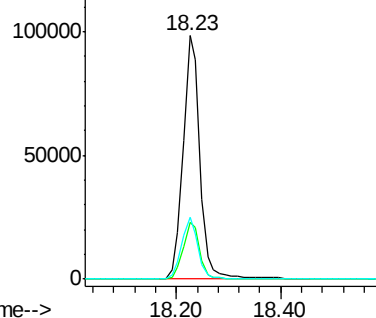


#91
Benzo(g,h,i)perylene
Concen: 59.61 ng
RT: 18.23 min Scan# 1412
Delta R.T. -0.55 min
Lab File: BF080450.D
Acq: 14 Jul 2015 6:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.2	27.4
138	25.2	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->