

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080316.D
 Acq On : 2 Jul 2015 19:00
 Operator : TP/UM
 Sample : PB84340BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:33:34 PM

Quant Time: Jul 03 04:53:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	35561	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	133147	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	63965	20.00	ng	0.00
63) Phenanthrene-d10	11.81	188	133852	20.00	ng	0.00
75) Chrysene-d12	14.88	240	144379	20.00	ng	0.02
86) Perylene-d12	16.80	264	136102	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	167665	81.65	ng	0.00
7) Phenol-d6	6.84	99	204587	74.22	ng	0.00
23) Nitrobenzene-d5	7.80	82	192252	79.50	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	58168	95.50	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	413205	92.98	ng	0.00
78) Terphenyl-d14	13.55	244	468993	76.09	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	26718	108.42	ng	# 100
3) Pyridine	3.90	79	82287	32.37	ng	99
4) n-Nitrosodimethylamine	3.80	42	44280	39.11	ng	99
6) Aniline	6.90	93	99135	26.89	ng	89
8) 2-Chlorophenol	7.02	128	90590	40.16	ng	95
9) Benzaldehyde	6.78	77	46063	30.58	ng	95
10) Phenol	6.86	94	101601	33.32	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	77759	33.72	ng	92
12) 1,3-Dichlorobenzene	7.18	146	102105	37.08	ng	97
13) 1,4-Dichlorobenzene	7.26	146	94433m	34.45	ng	
14) 1,2-Dichlorobenzene	7.41	146	97015	35.62	ng	96
15) Benzyl Alcohol	7.37	79	78684	37.08	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.50	45	131168	37.07	ng	99
17) 2-Methylphenol	7.48	107	65842	33.76	ng	# 93
18) Hexachloroethane	7.77	117	30863	36.06	ng	# 69
19) n-Nitroso-di-n-propylamine	7.64	70	58690	32.02	ng	# 87
20) 3+4-Methylphenols	7.63	107	92503	35.71	ng	90
22) Acetophenone	7.64	105	125995	40.50	ng	# 93
24) Nitrobenzene	7.81	77	89087	35.53	ng	94
25) Isophorone	8.05	82	170337	36.24	ng	95
26) 2-Nitrophenol	8.14	139	38909	35.53	ng	# 74
27) 2,4-Dimethylphenol	8.17	122	76468	38.04	ng	94
28) bis(2-Chloroethoxy)methane	8.26	93	107724	38.19	ng	98
29) 2,4-Dichlorophenol	8.38	162	70507	37.97	ng	88
30) 1,2,4-Trichlorobenzene	8.48	180	74076	34.20	ng	# 92
31) Naphthalene	8.56	128	259811	38.31	ng	99
32) Benzoic acid	8.22	122	19750	42.93	ng	91
33) 4-Chloroaniline	8.59	127	66947m	23.26	ng	
34) Hexachlorobutadiene	8.67	225	47635	34.91	ng	97
35) Caprolactam	8.93	113	21337	37.88	ng	# 79
36) 4-Chloro-3-methylphenol	9.06	107	71005	35.32	ng	86
37) 2-Methylnaphthalene	9.25	142	168143	36.21	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	76597	35.98	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	66890	79.80	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080316.D
 Acq On : 2 Jul 2015 19:00
 Operator : TP/UM
 Sample : PB84340BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:33:34 PM

Quant Time: Jul 03 04:53:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	49441	36.69	ng	100
43) 2,4,5-Trichlorophenol	9.56	196	59897	41.26	ng #	91
45) 1,1'-Biphenyl	9.71	154	227826	41.88	ng	98
46) 2-Chloronaphthalene	9.74	162	161160	38.28	ng #	90
47) 2-Nitroaniline	9.82	65	50448	41.66	ng #	78
48) Acenaphthylene	10.16	152	263603	36.05	ng	100
49) Dimethylphthalate	10.00	163	195681	40.05	ng	98
50) 2,6-Dinitrotoluene	10.06	165	44924	44.97	ng #	70
51) Acenaphthene	10.34	154	171096	40.64	ng	87
52) 3-Nitroaniline	10.24	138	34892	30.45	ng #	81
53) 2,4-Dinitrophenol	10.34	184	35023	83.92	ng #	81
54) Dibenzofuran	10.51	168	240552	40.49	ng	91
55) 4-Nitrophenol	10.38	139	75022	88.58	ng #	75
56) 2,4-Dinitrotoluene	10.48	165	52598	40.61	ng #	66
57) Fluorene	10.85	166	204809	41.56	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	49156	43.45	ng	95
59) Diethylphthalate	10.70	149	205040	44.15	ng #	93
60) 4-Chlorophenyl-phenylether	10.84	204	89565	40.19	ng #	82
61) 4-Nitroaniline	10.85	138	43073	36.99	ng	80
62) Azobenzene	11.00	77	179989	37.68	ng	83
64) 4,6-Dinitro-2-methylphenol	10.89	198	25962	46.54	ng #	49
65) n-Nitrosodiphenylamine	10.96	169	162253	36.89	ng	99
66) 4-Bromophenyl-phenylether	11.33	248	58577	40.49	ng #	82
67) Hexachlorobenzene	11.41	284	61944	39.95	ng #	78
68) Atrazine	11.47	200	47693	35.87	ng	91
69) Pentachlorophenol	11.61	266	63475	75.82	ng	99
70) Phenanthrene	11.84	178	317281	39.56	ng	100
71) Anthracene	11.89	178	304103	39.52	ng	98
72) Carbazole	12.04	167	277870	38.62	ng #	98
73) Di-n-butylphthalate	12.38	149	318739	41.29	ng	100
74) Fluoranthene	13.13	202	327890	39.57	ng	99
76) Benzidine	13.25	184	188762	44.65	ng	99
77) Pyrene	13.39	202	341571	36.96	ng	100
79) Butylbenzylphthalate	14.12	149	132439	37.38	ng #	82
80) Benzo(a)anthracene	14.87	228	334363	38.32	ng	99
81) 3,3'-Dichlorobenzidine	14.81	252	71783	25.20	ng	100
82) Chrysene	14.91	228	308212	38.32	ng	98
83) Bis(2-ethylhexyl)phthalate	14.85	149	192009	38.50	ng	97
84) Di-n-octyl phthalate	15.71	149	321981	38.31	ng	98
85) Indeno(1,2,3-cd)pyrene	18.60	276	355273	39.29	ng	98
87) Benzo(b)fluoranthene	16.27	252	322859	37.56	ng	100
88) Benzo(k)fluoranthene	16.31	252	303355	37.47	ng	98
89) Benzo(a)pyrene	16.73	252	311230	39.72	ng #	97
90) Dibenzo(a,h)anthracene	18.63	278	300196	40.84	ng	95
91) Benzo(g,h,i)perylene	19.14	276	298723	38.95	ng	97

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

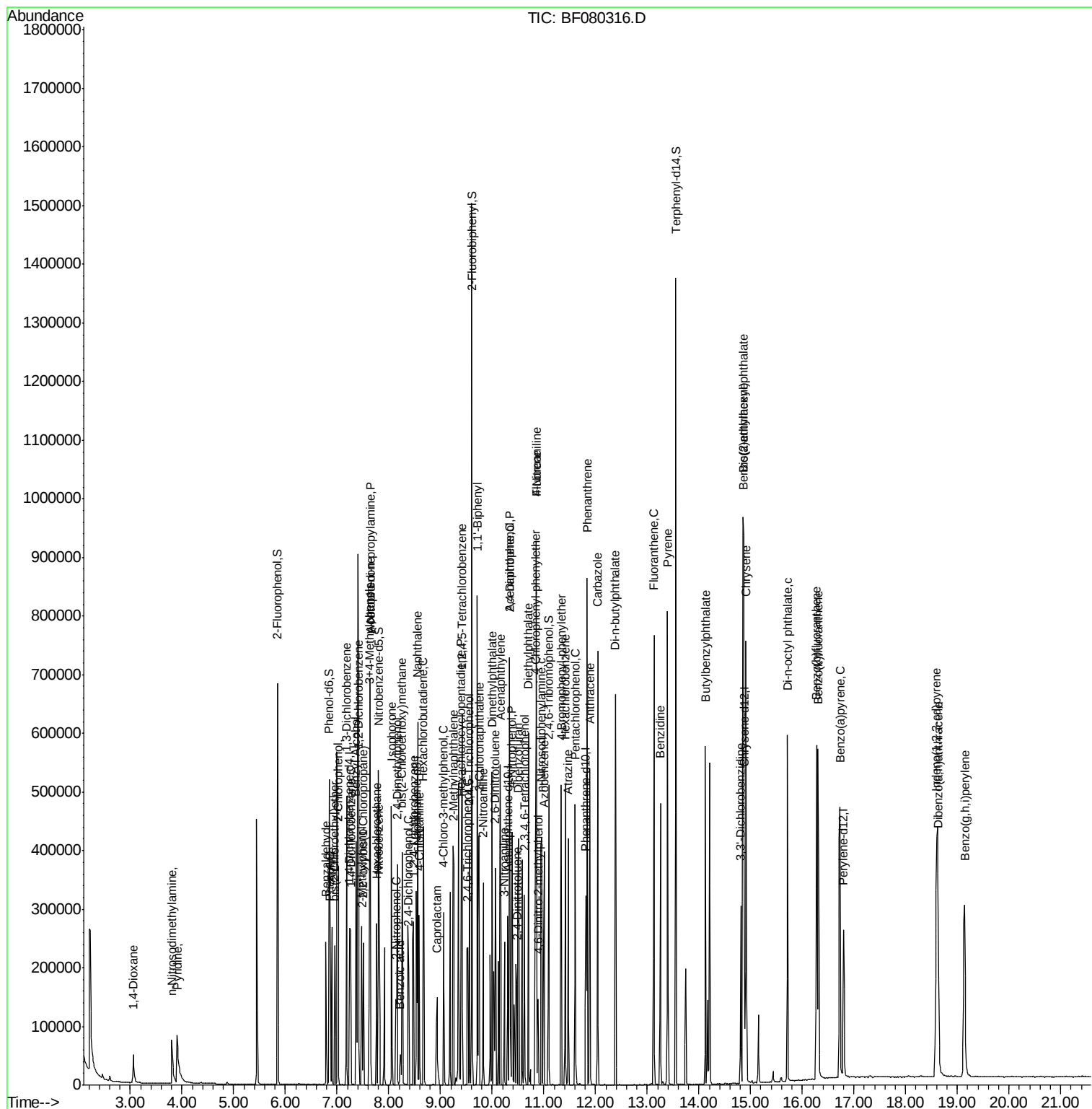
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\  
Data File : BF080316.D  
Acq On    : 2 Jul 2015 19:00  
Operator  : TP/UM  
Sample    : PB84340BSD  
Misc      :  
ALS Vial  : 9 Sample Multiplier: 1
```

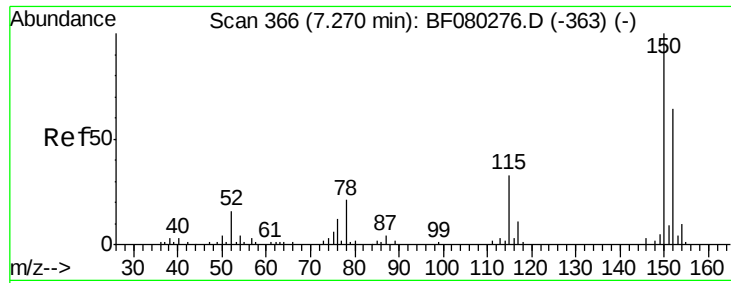
Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Manual Integrations APPROVED

apatel
7/6/2015 3:33:34 PM

Quant Time: Jul 03 04:53:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 03:51:56 2015
Response via : Initial Calibration





#1

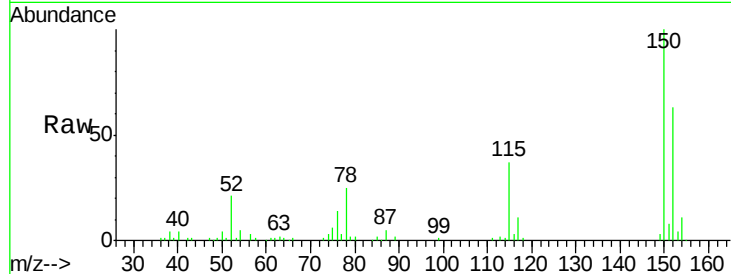
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

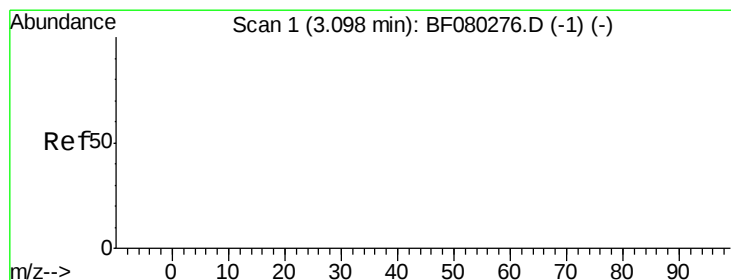
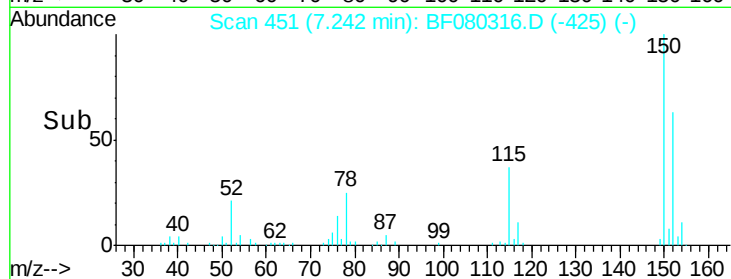
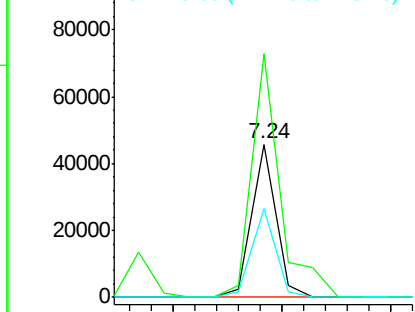
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.7	187.1
115	58.1	41.0	61.6

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



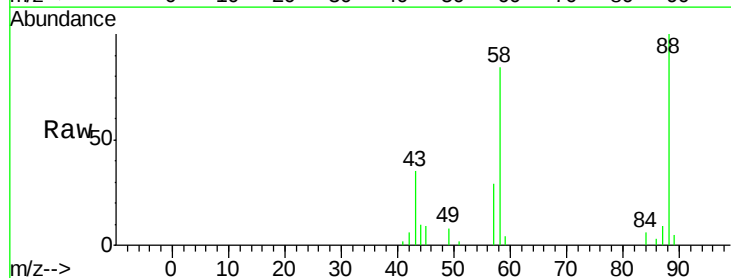
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



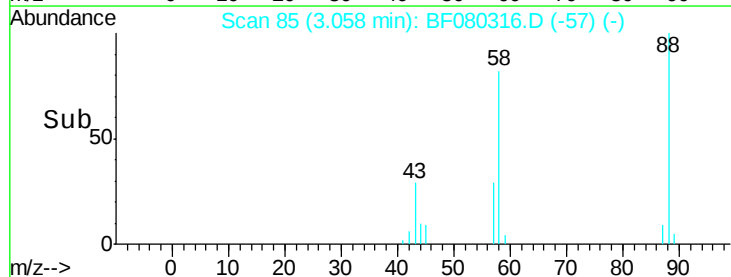
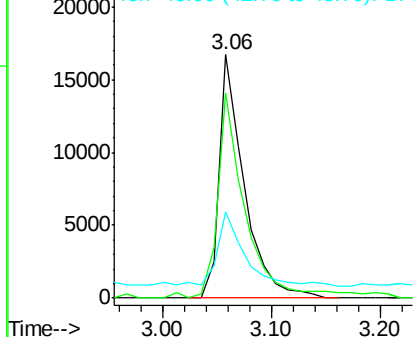
#2

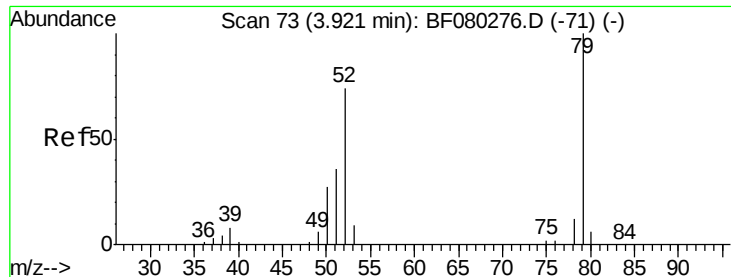
1,4-Dioxane
Concen: 108.42 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.9	0.0	0.0#
43	33.3	0.0	0.0#



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: 32.37 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

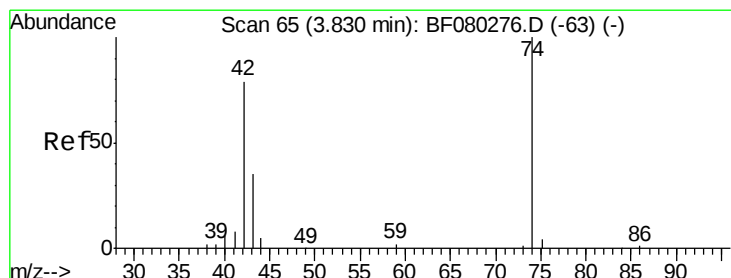
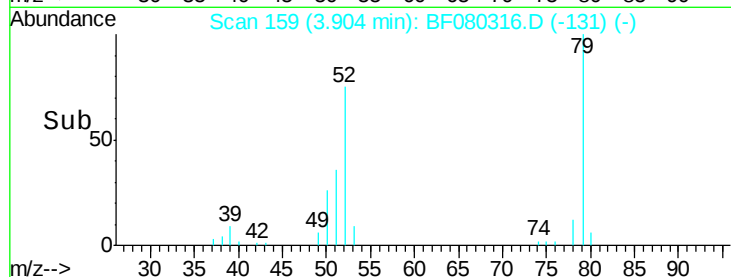
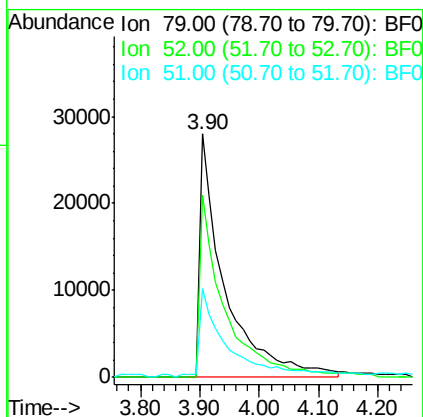
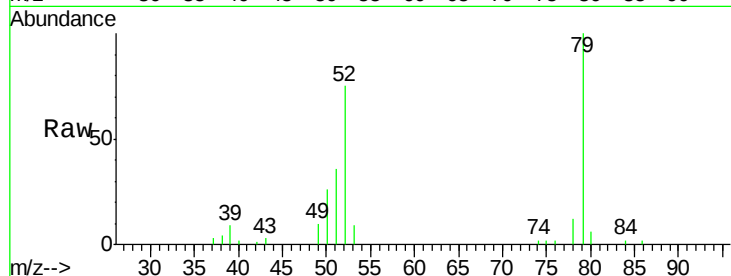
ClientSampleId :

PB84340BSD

Tgt Ion:	79	Resp:	82287
Ion	Ratio	Lower	Upper
79	100		
52	74.9	59.3	88.9
51	36.4	29.0	43.6

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



#4

n-Nitrosodimethylamine

Concen: 39.11 ng

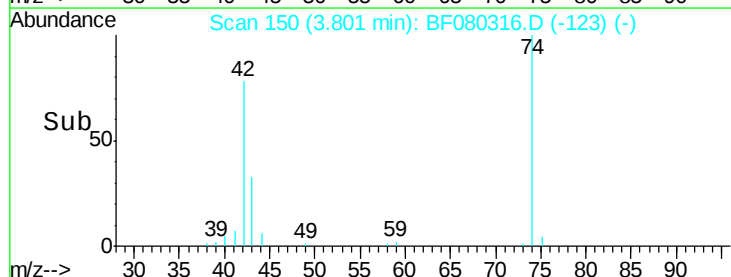
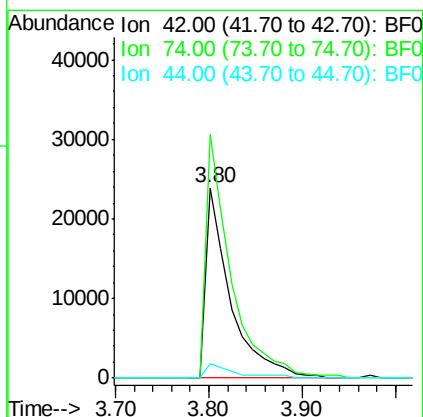
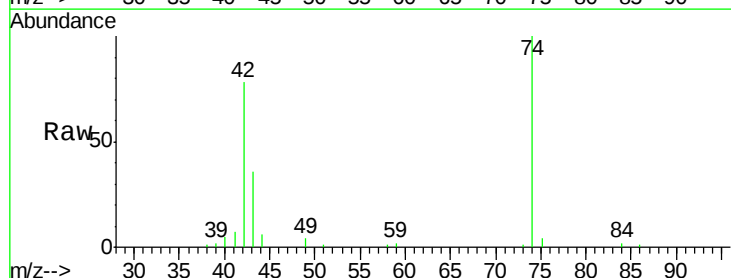
RT: 3.80 min Scan# 150

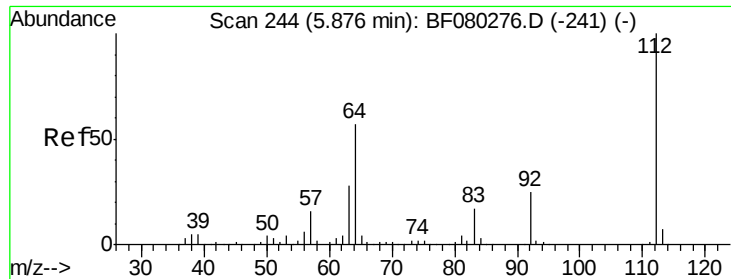
Delta R.T. 0.01 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Tgt Ion:	42	Resp:	44280
Ion	Ratio	Lower	Upper
42	100		
74	127.9	101.4	152.2
44	7.4	6.3	9.5





#5

2-Fluorophenol

Concen: 81.65 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080316.D

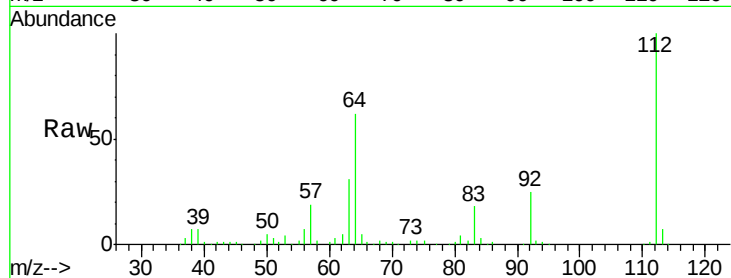
Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

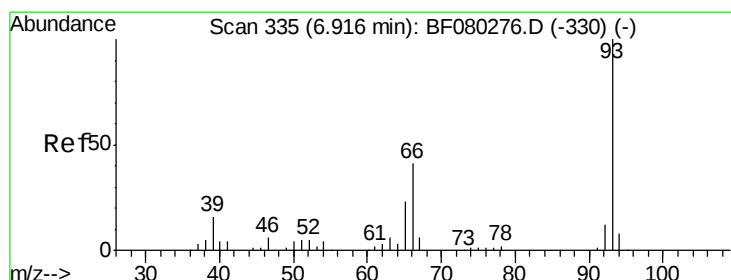
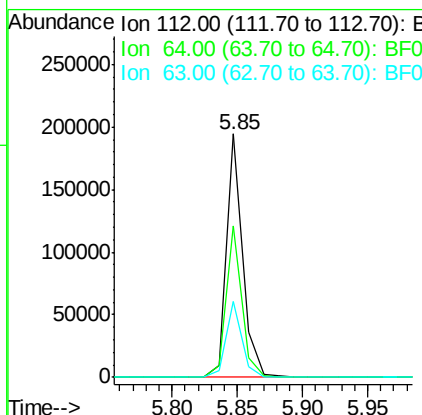
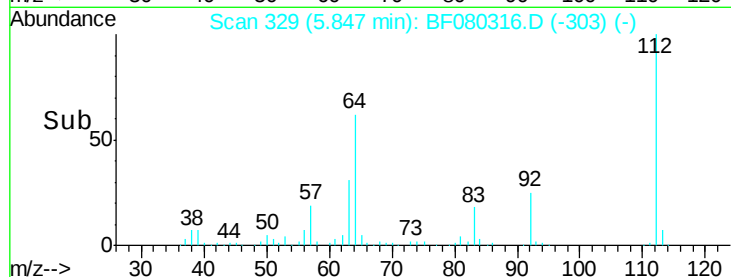
PB84340BSD



Tgt Ion:	112	Resp:	167665
Ion Ratio	Lower	Upper	
112	100		
64	62.0	45.5	68.3
63	31.2	22.4	33.6

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



#6

Aniline

Concen: 26.89 ng

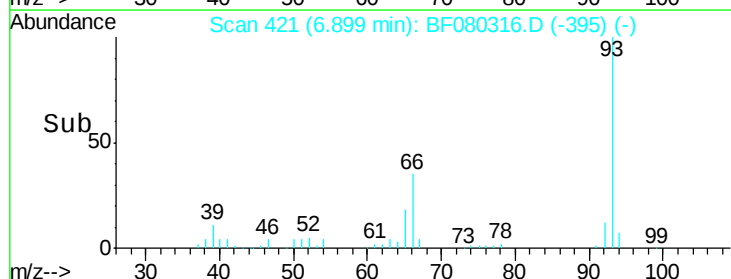
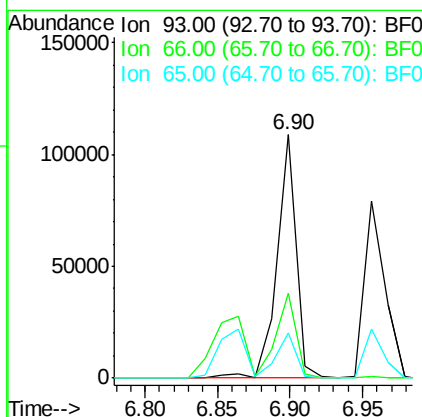
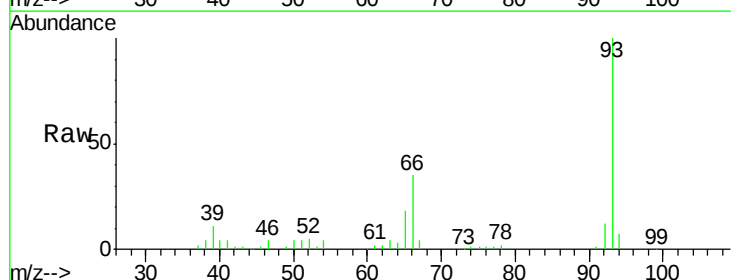
RT: 6.90 min Scan# 421

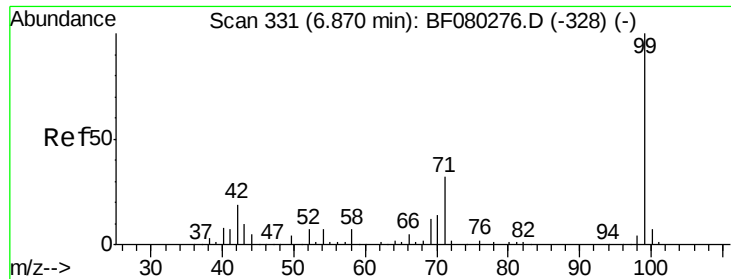
Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Tgt Ion:	93	Resp:	99135
Ion Ratio	Lower	Upper	
93	100		
66	34.9	33.7	50.5
65	18.4	18.3	27.5





#7

Phenol-d6

Concen: 74.22 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080316.D

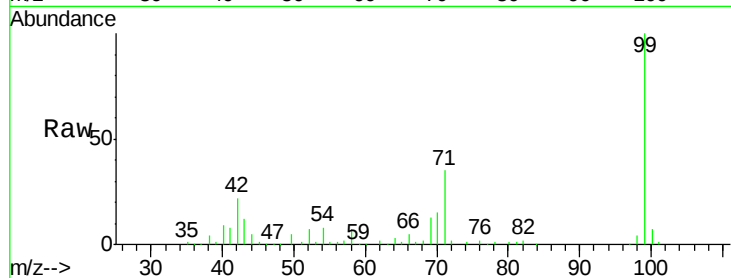
Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

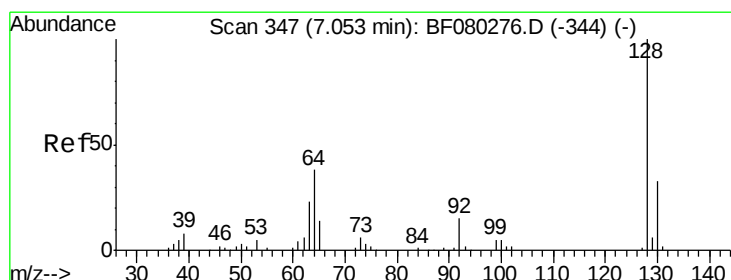
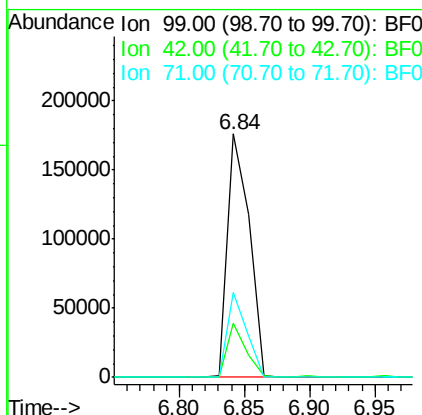
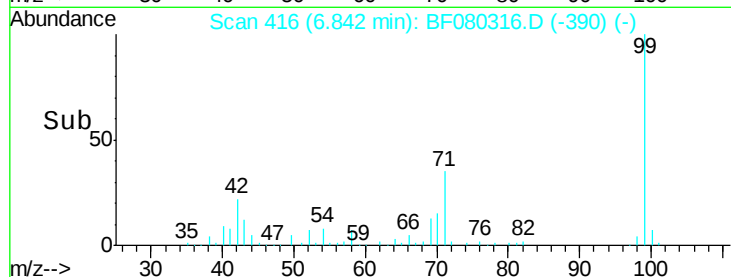
PB84340BSD



Tgt Ion:	99	Resp:	204587
Ion Ratio	Lower	Upper	
99	100		
42	22.5	15.4	23.2
71	35.0	25.8	38.8

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



#8

2-Chlorophenol

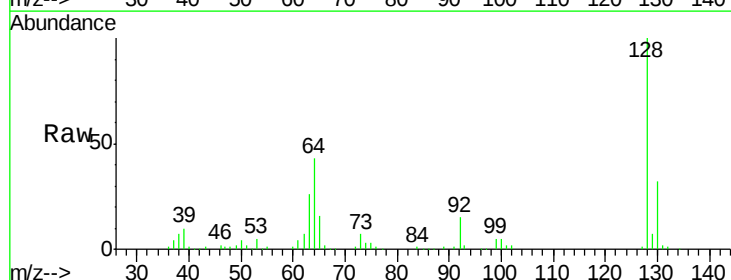
Concen: 40.16 ng

RT: 7.02 min Scan# 432

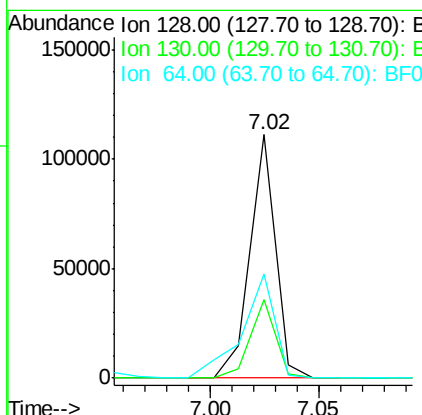
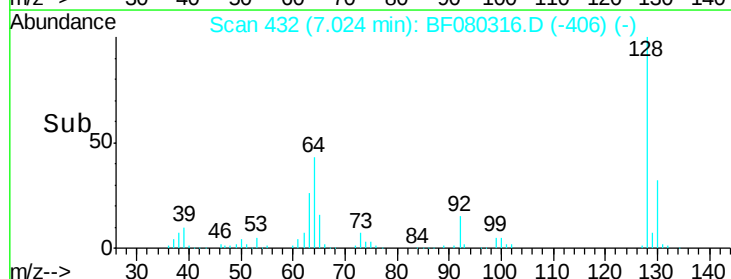
Delta R.T. -0.00 min

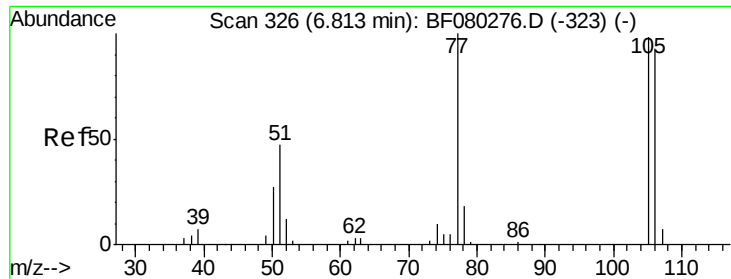
Lab File: BF080316.D

Acq: 2 Jul 2015 19:00



Tgt Ion:	128	Resp:	90590
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.4	53.4
64	42.9	18.5	58.5





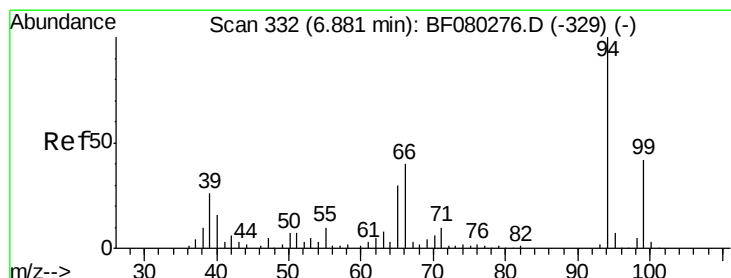
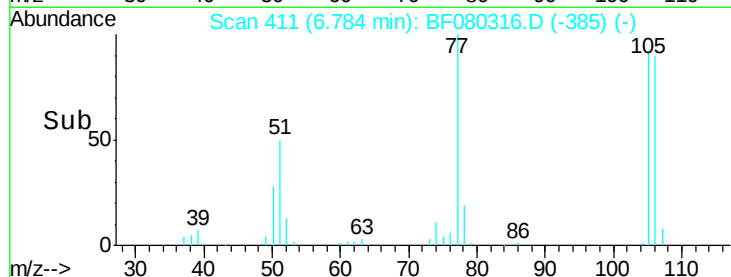
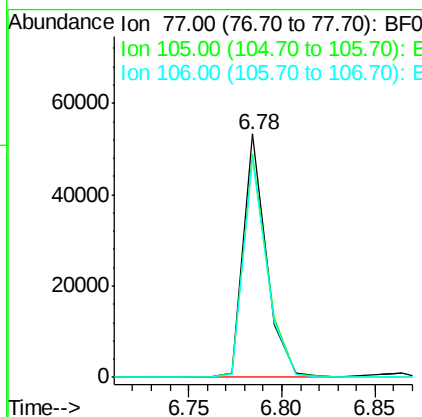
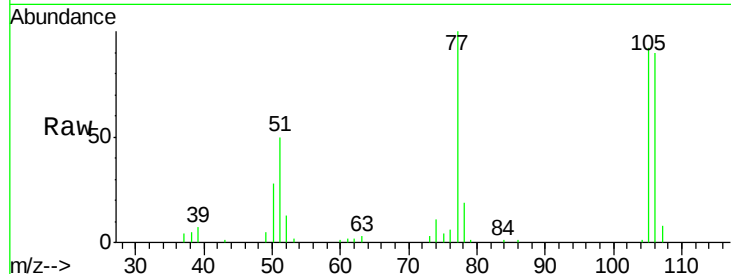
#9
Benzaldehyde
Concen: 30.58 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion: 77 Resp: 46063
Ion Ratio Lower Upper
77 100
105 91.6 78.2 118.2
106 89.9 72.5 112.5

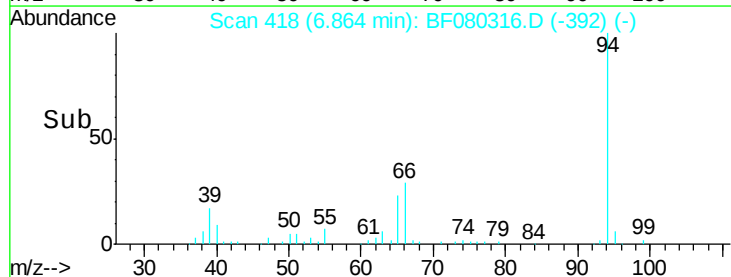
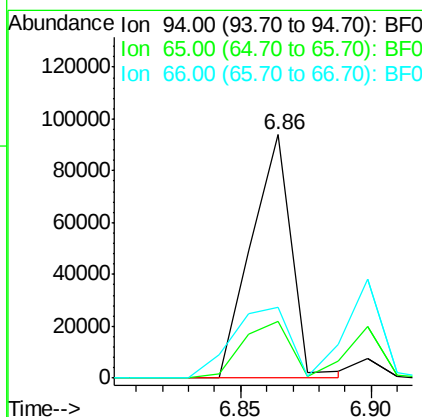
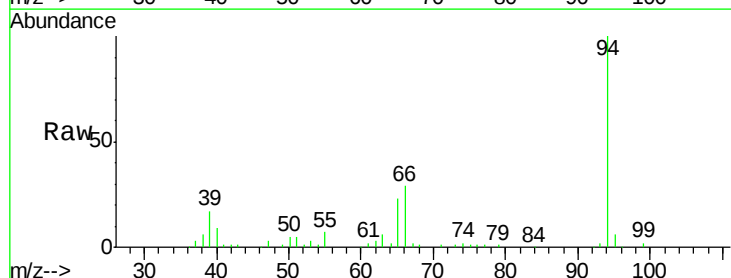
Manual Integrations
APPROVED

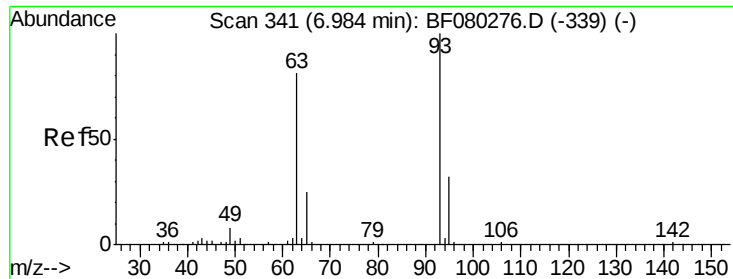
apatel
7/6/2015 3:33:34 PM



#10
Phenol
Concen: 33.32 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion: 94 Resp: 101601
Ion Ratio Lower Upper
94 100
65 23.3 9.6 49.6
66 29.2 19.7 59.7





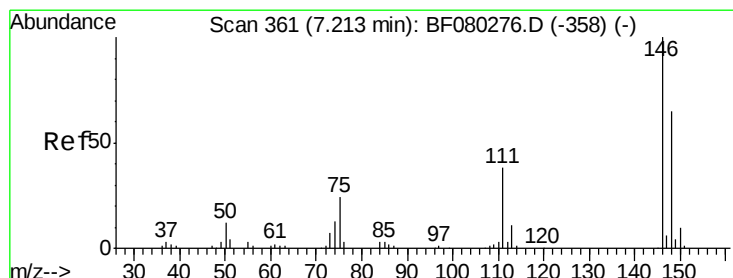
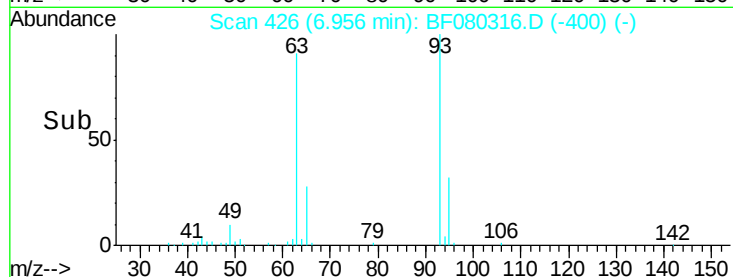
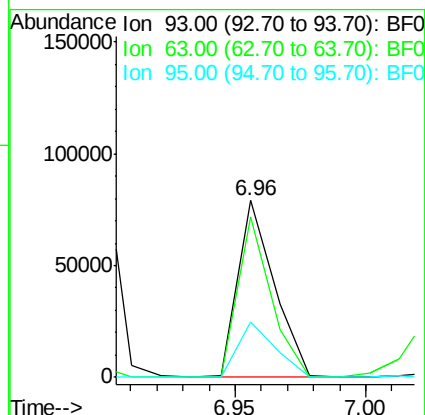
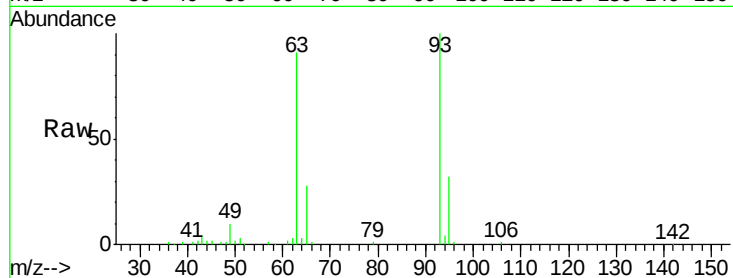
#11
bis(2-Chloroethyl)ether
Concen: 33.72 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.8	61.0	101.0
95	31.7	12.0	52.0

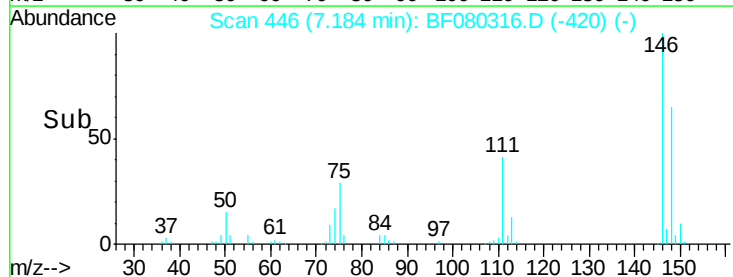
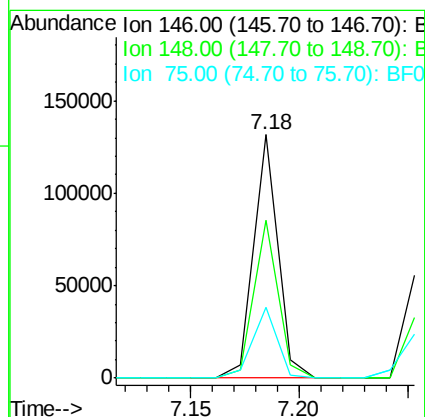
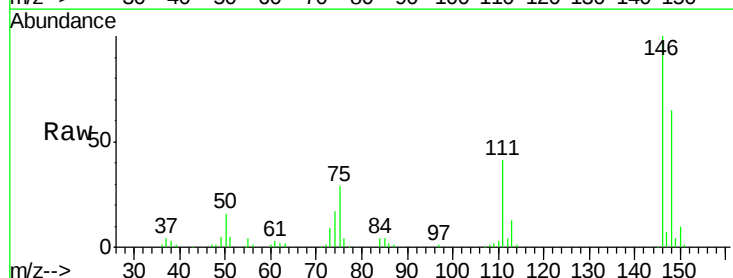
Manual Integrations
APPROVED

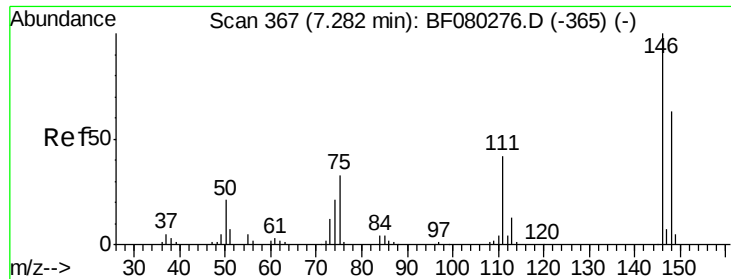
apatel
7/6/2015 3:33:34 PM



#12
1,3-Dichlorobenzene
Concen: 37.08 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
75	29.1	19.4	29.2





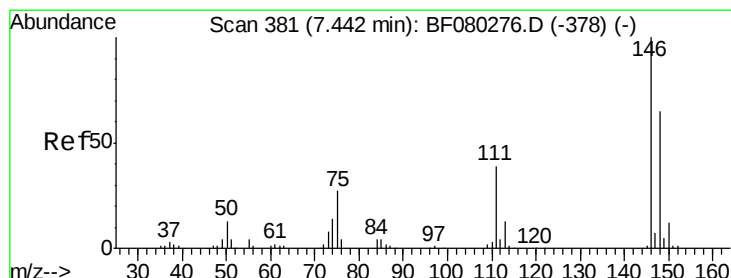
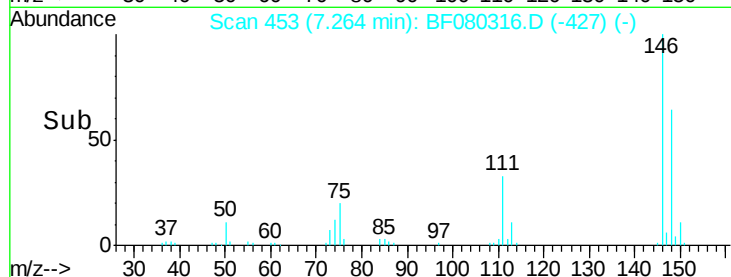
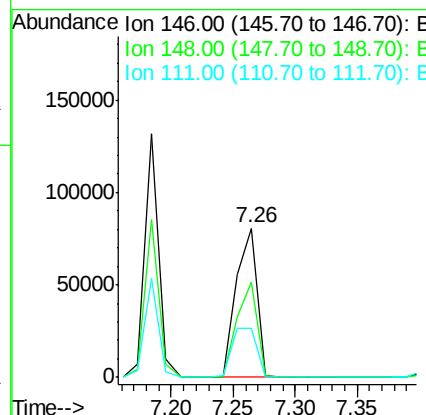
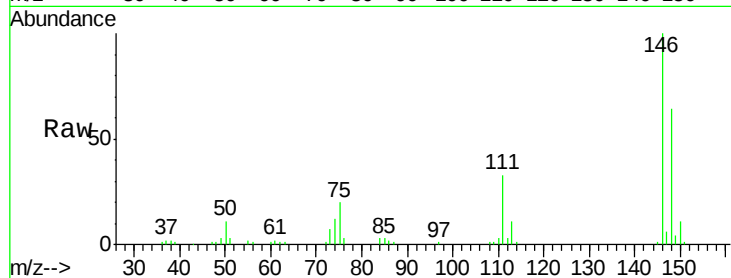
#13
 1,4-Dichlorobenzene
 Concen: 34.45 ng m
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	33.1	33.8	50.8#

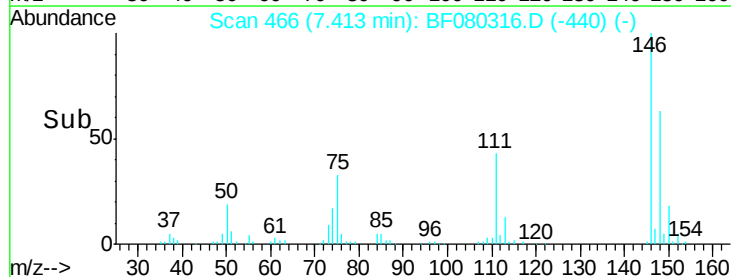
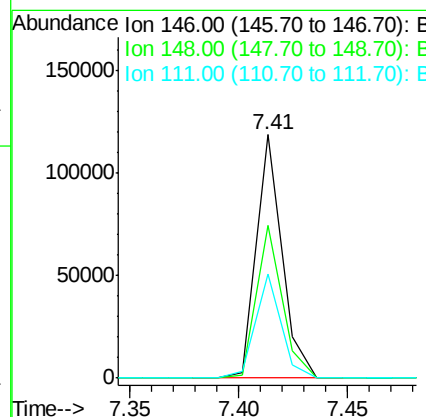
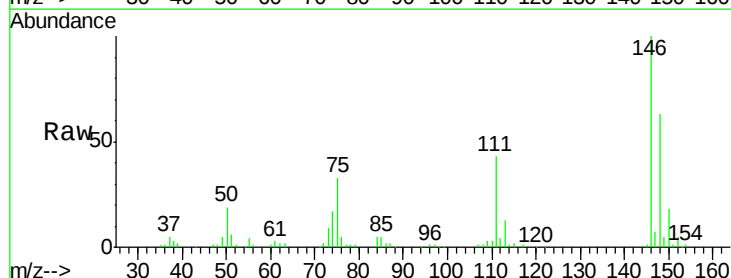
Manual Integrations
 APPROVED

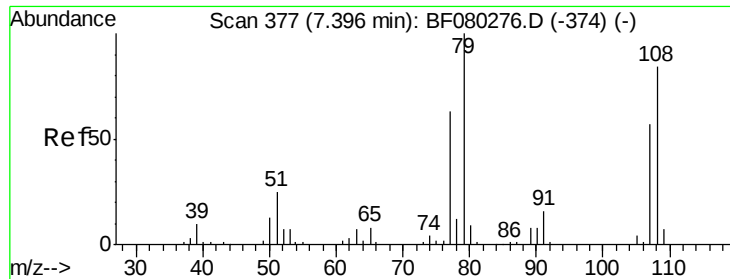
apatel
 7/6/2015 3:33:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.62 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.4
111	42.9	31.6	47.4





#15

Benzyl Alcohol

Concen: 37.08 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

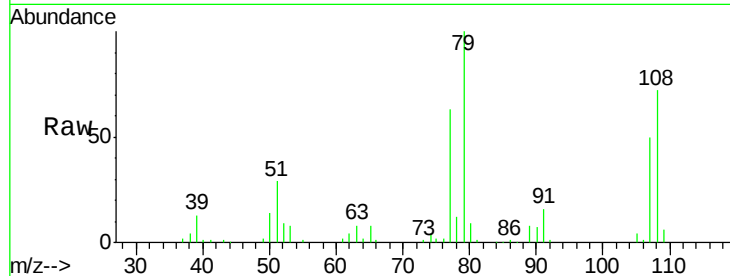
ClientSampleId :

PB84340BSD

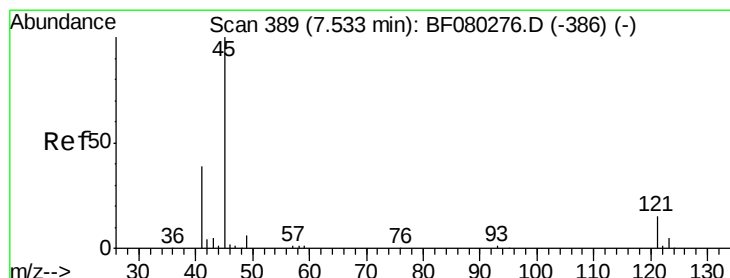
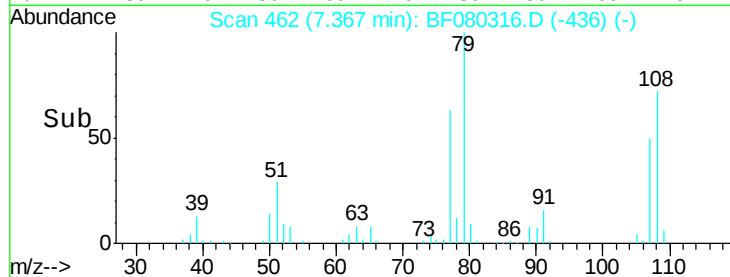
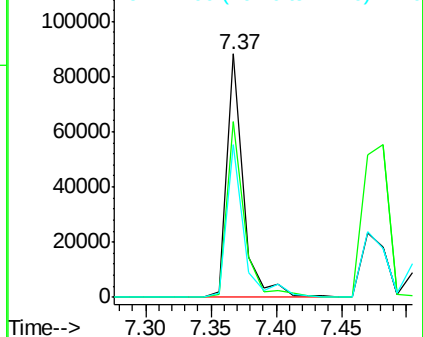
Tgt Ion:	79	Resp:	78684
Ion Ratio	Lower	Upper	
79	100		
108	72.3	67.1	100.7
77	62.6	50.7	76.1

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.07 ng

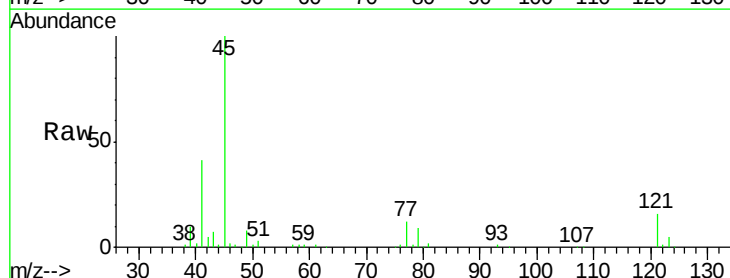
RT: 7.50 min Scan# 474

Delta R.T. -0.01 min

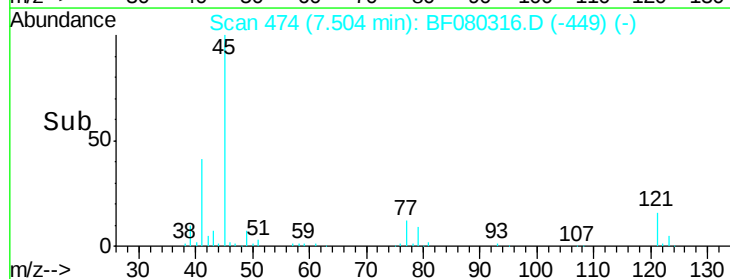
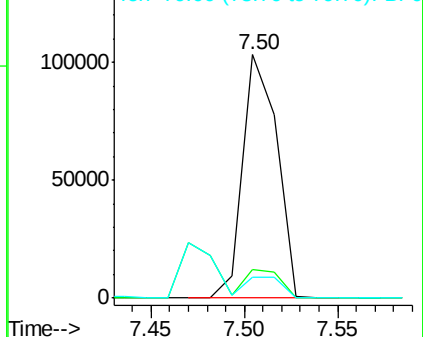
Lab File: BF080316.D

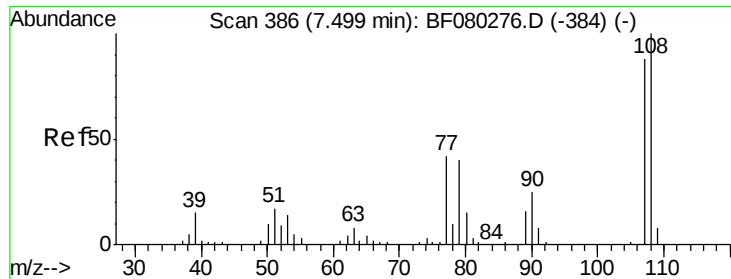
Acq: 2 Jul 2015 19:00

Tgt Ion:	45	Resp:	131168
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	32.0
79	8.8	0.0	29.3



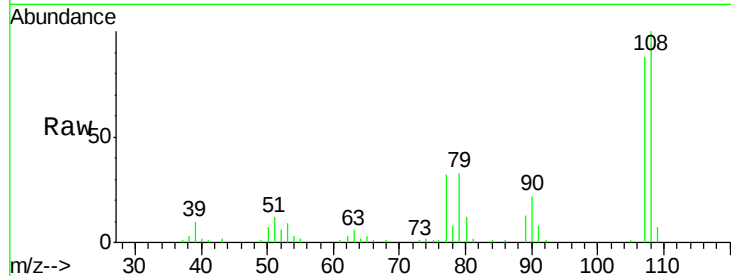
Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17
2-Methylphenol
Concen: 33.76 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

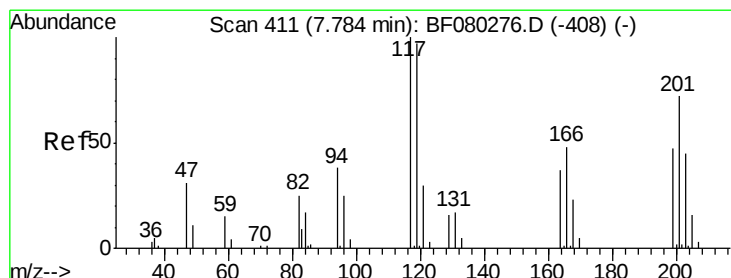
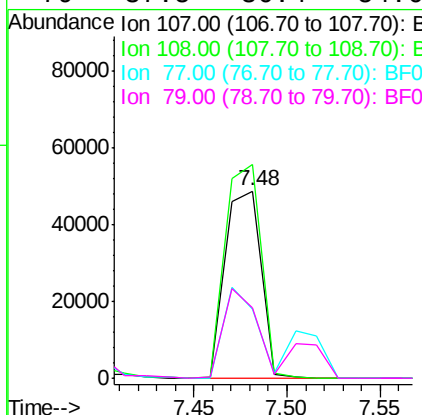
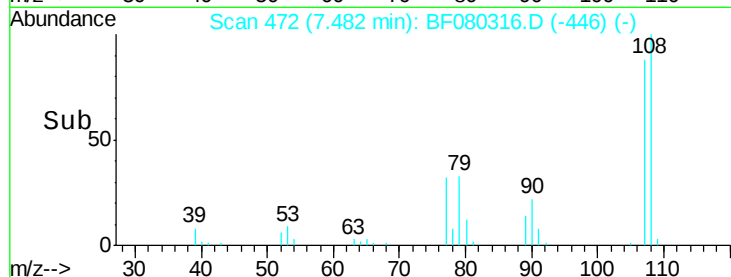
Instrument :
BNA_F
ClientSampleId :
PB84340BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	65842		
108	114.0	90.6	136.0	
77	37.0	38.0	57.0	
79	37.5	36.4	54.6	

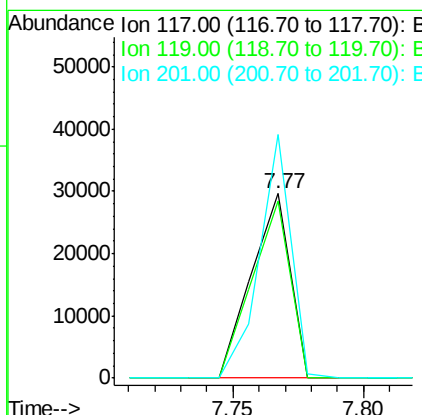
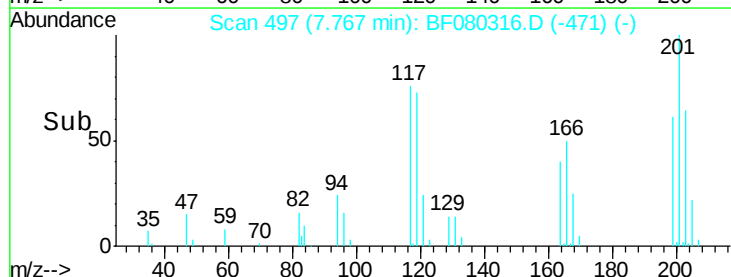
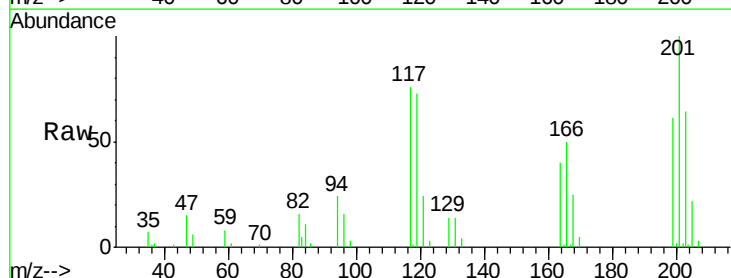
Manual Integrations
APPROVED

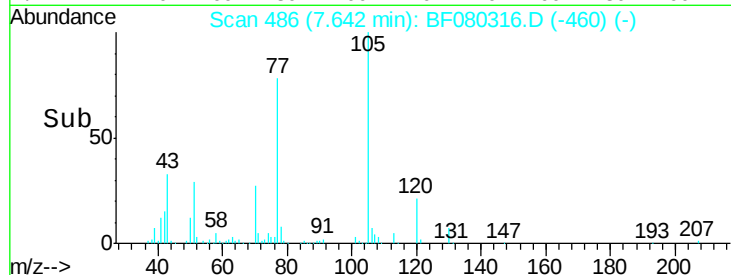
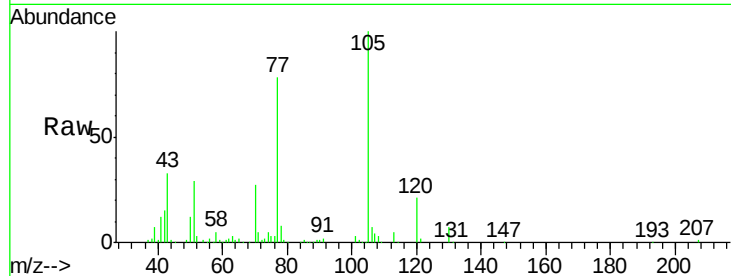
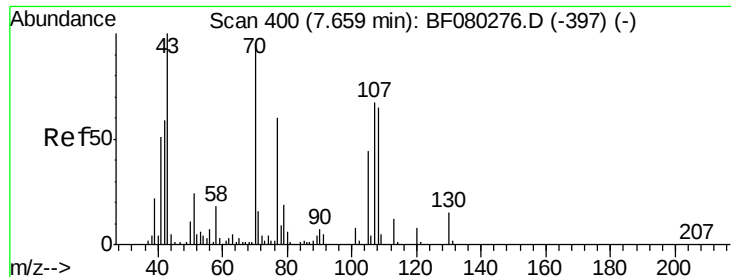
apatel
7/6/2015 3:33:34 PM



#18
Hexachloroethane
Concen: 36.06 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	30863		
119	96.4	77.3	115.9	
201	132.2	57.5	86.3	





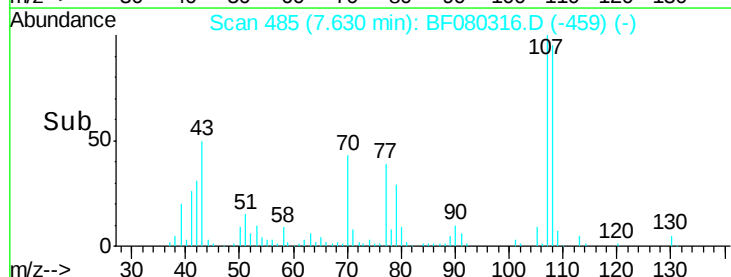
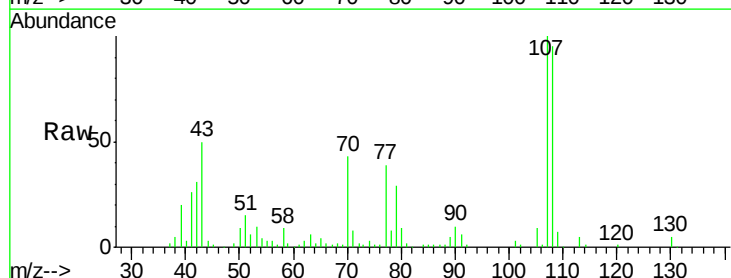
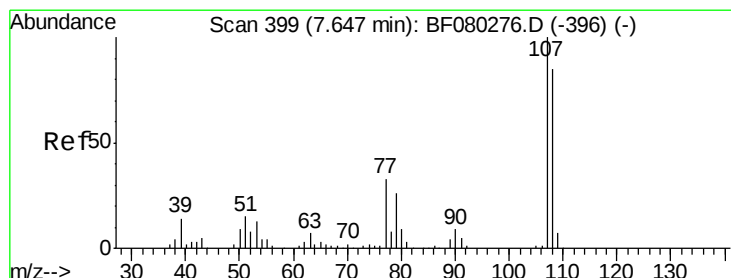
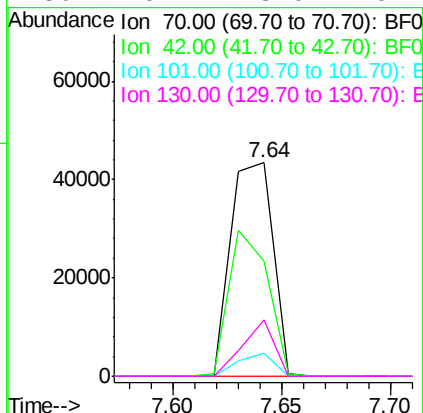
#19
n-Nitroso-di-n-propylamine
Concen: 32.02 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Manual Integrations
APPROVED

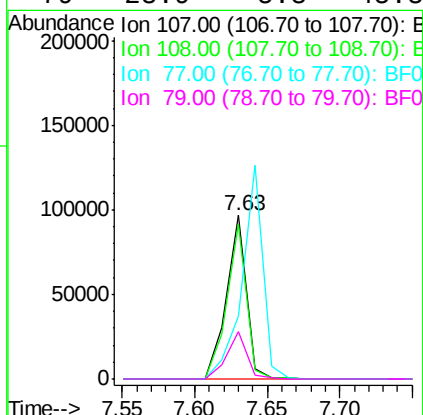
apatel
7/6/2015 3:33:34 PM

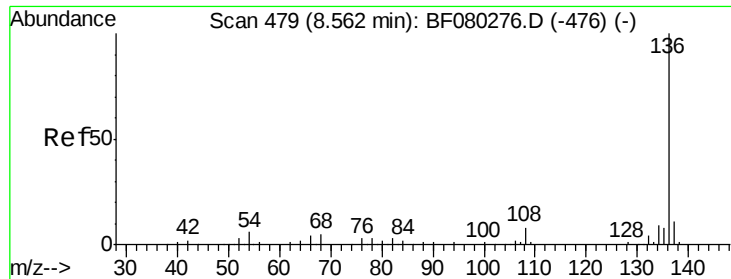
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.1	49.8	74.8
101	11.0	6.8	10.2#
130	26.4	13.0	19.4#



#20
3+4-Methylphenols
Concen: 35.71 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	64.9	104.9
77	38.7	12.9	52.9
79	28.9	5.8	45.8





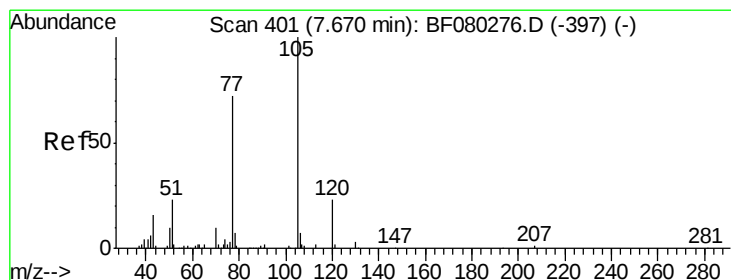
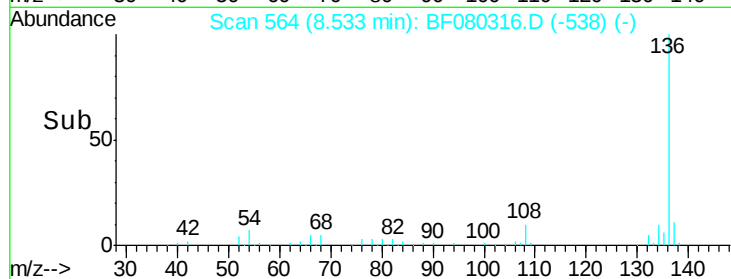
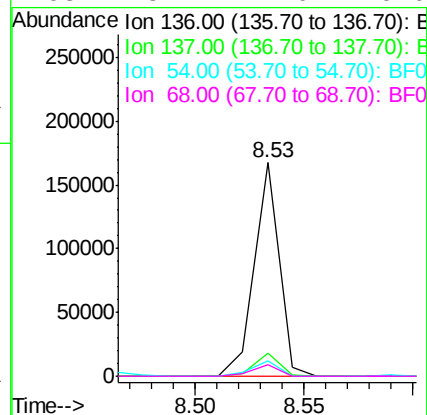
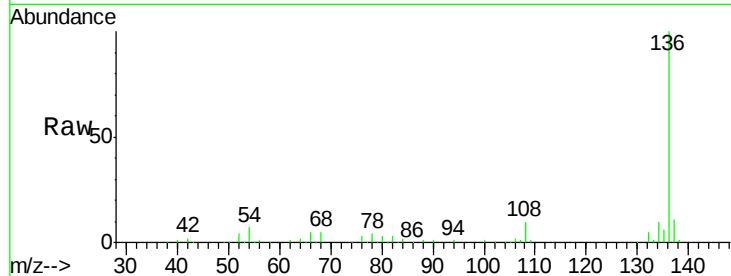
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.4	12.6		
54	7.5	4.9	7.3#		
68	5.4	4.0	6.0		

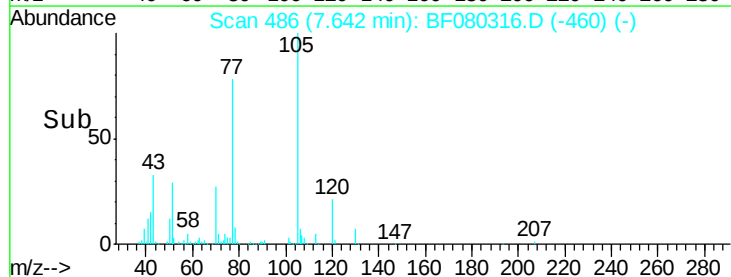
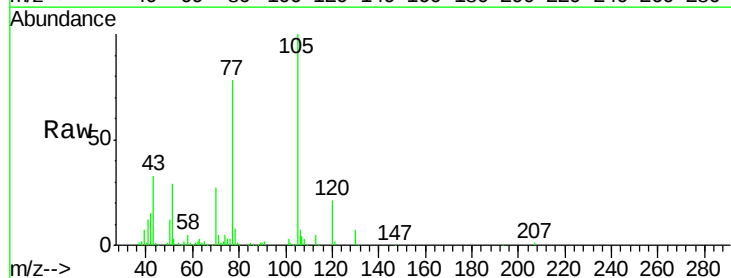
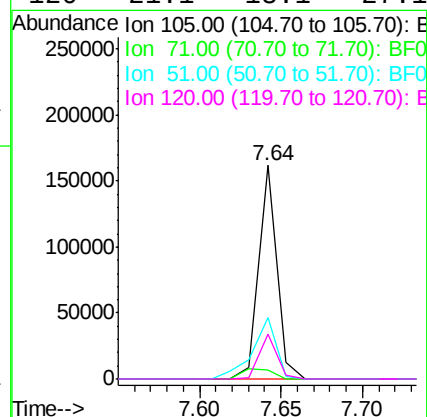
Manual Integrations
APPROVED

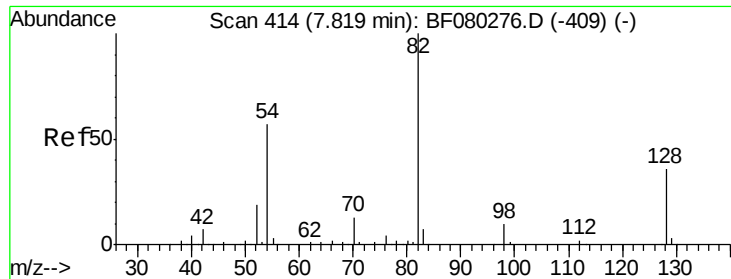
apatel
7/6/2015 3:33:34 PM



#22
Acetophenone
Concen: 40.50 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.5	1.4	2.0#		
51	28.6	18.5	27.7#		
120	21.1	18.1	27.1		





#23

Nitrobenzene-d5

Concen: 79.50 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

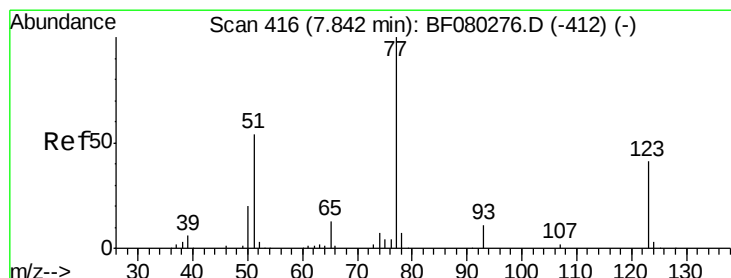
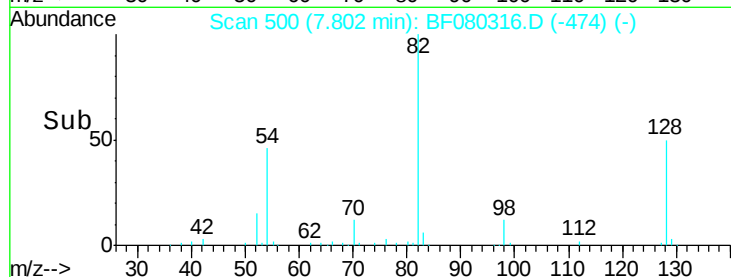
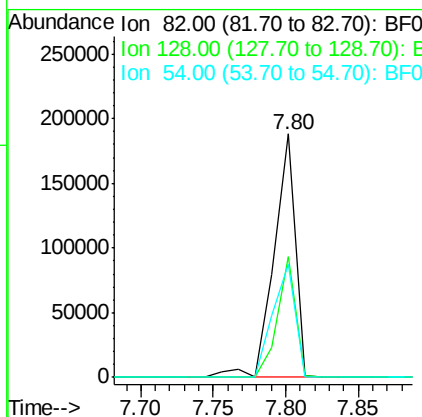
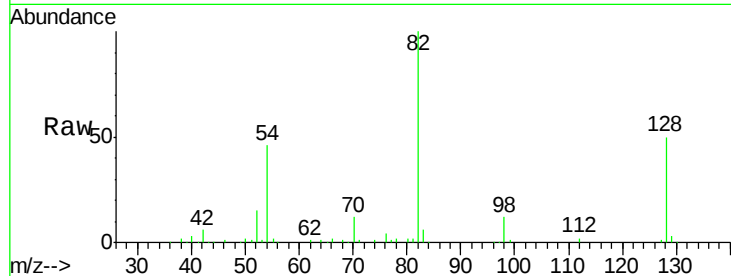
ClientSampleId :

PB84340BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	29.0	43.4#
54	46.4	45.3	67.9

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



#24

Nitrobenzene

Concen: 35.53 ng

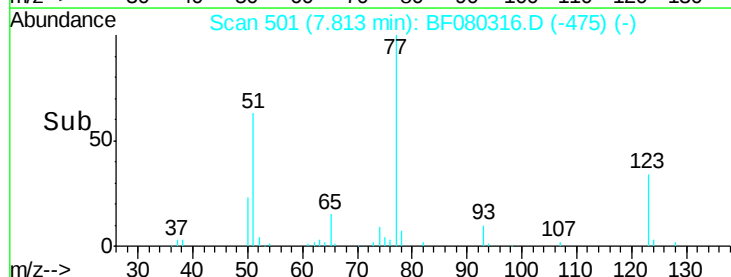
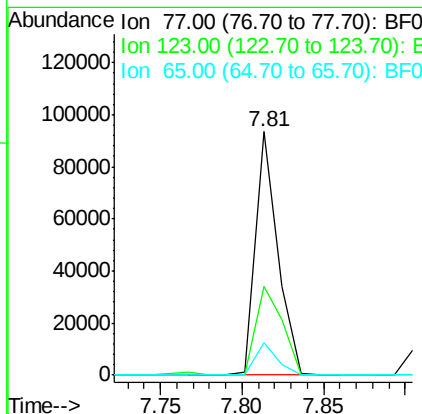
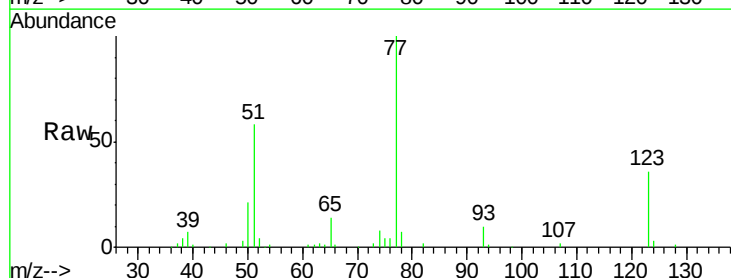
RT: 7.81 min Scan# 501

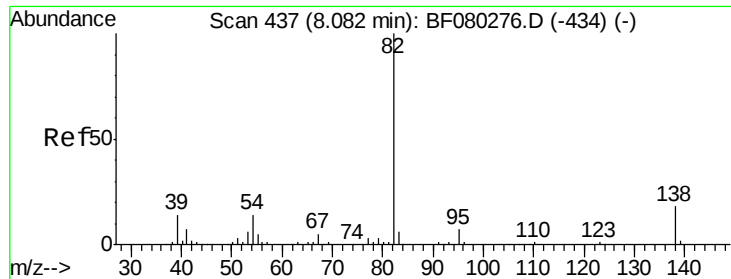
Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	33.0	49.6
65	13.6	10.6	15.8





#25

Isophorone

Concen: 36.24 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

Tgt Ion: 82 Resp: 170337
Ion Ratio Lower Upper

82 100

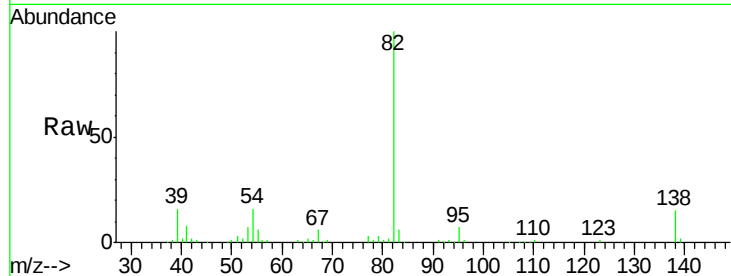
95 6.8 5.3 7.9

138 15.0 14.4 21.6

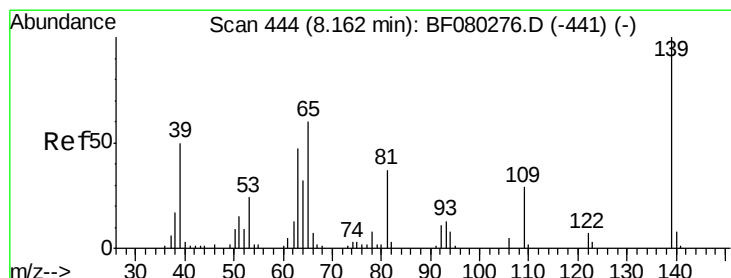
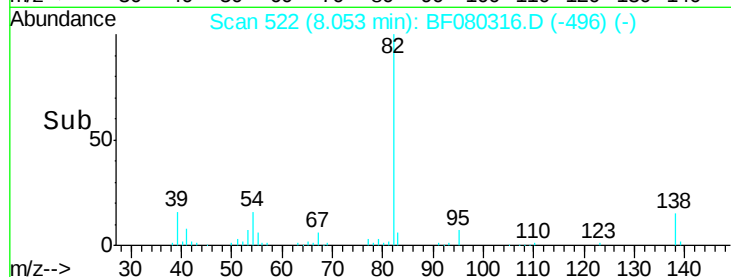
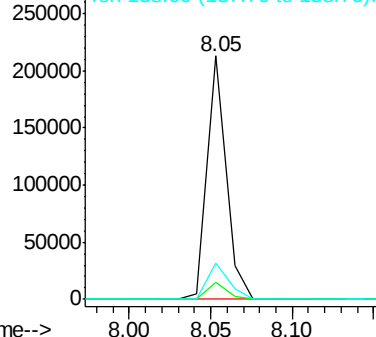
Manual Integrations
APPROVED

apatel

7/6/2015 3:33:34 PM



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: 35.53 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF080316.D

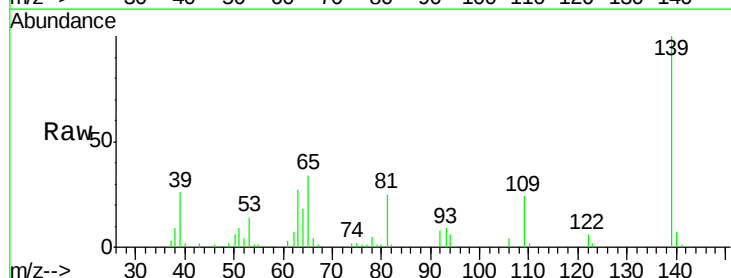
Acq: 2 Jul 2015 19:00

Tgt Ion: 139 Resp: 38909
Ion Ratio Lower Upper

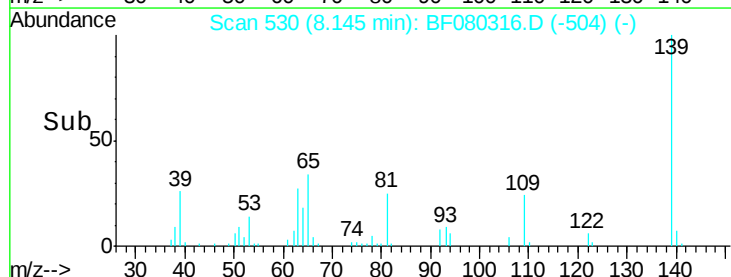
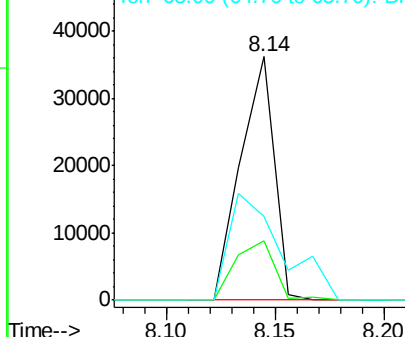
139 100

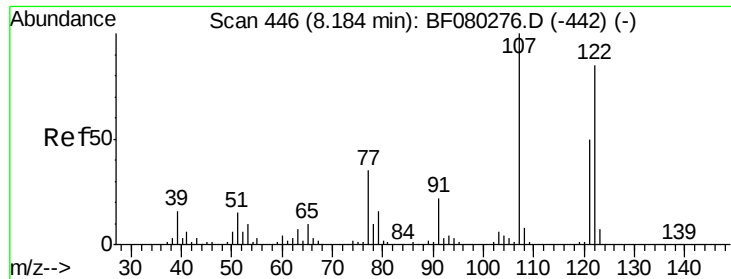
109 24.2 23.1 34.7

65 34.2 47.6 71.4#



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





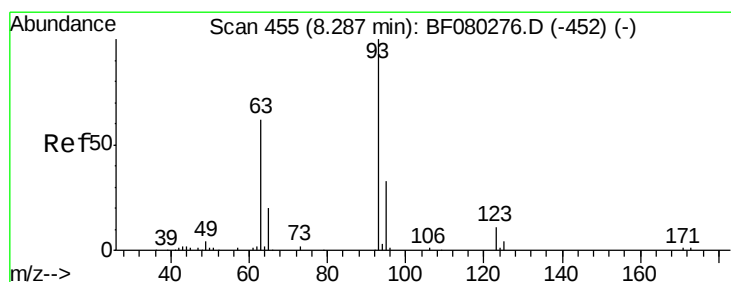
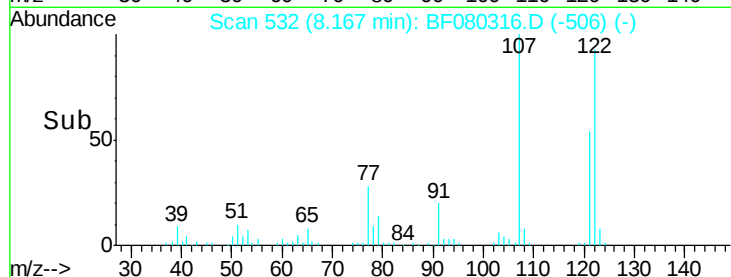
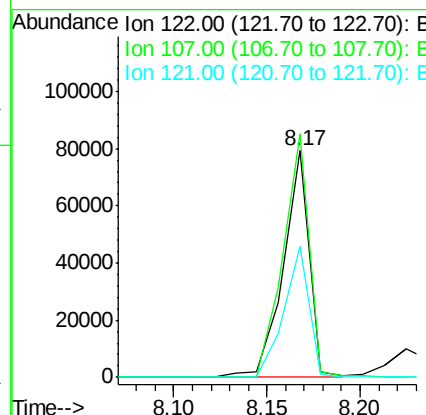
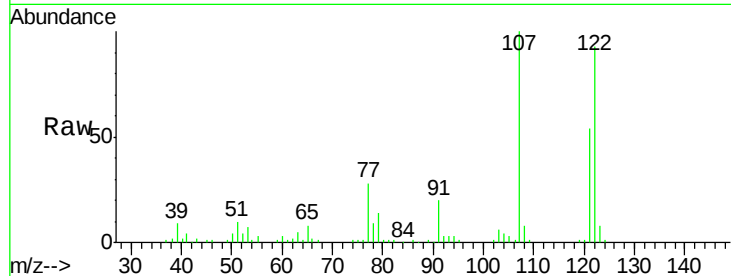
#27
2,4-Dimethylphenol
Concen: 38.04 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	76468		
107	107.3	93.7	140.5	
121	57.9	46.9	70.3	

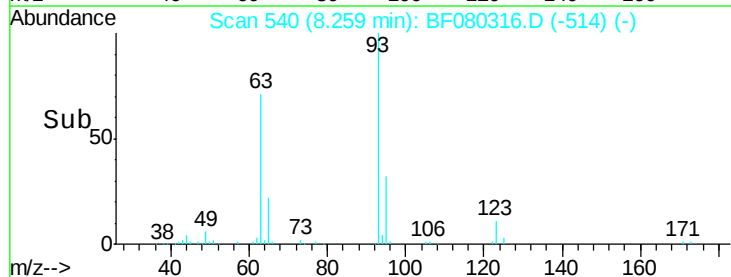
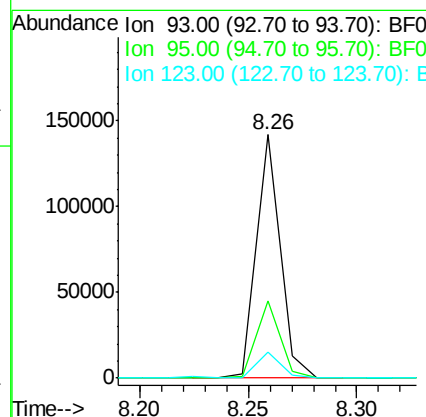
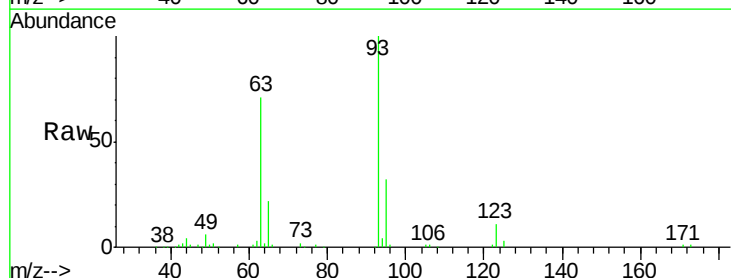
Manual Integrations
APPROVED

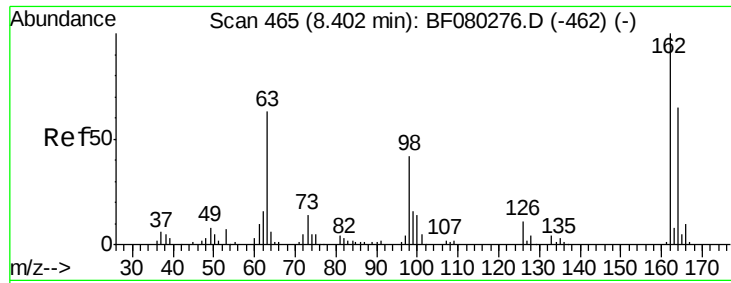
apatel
7/6/2015 3:33:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.19 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	107724		
95	31.8	26.6	39.8	
123	10.8	9.2	13.8	





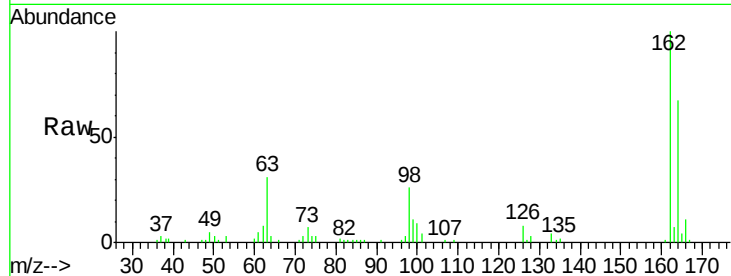
#29
 2,4-Dichlorophenol
 Concen: 37.97 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

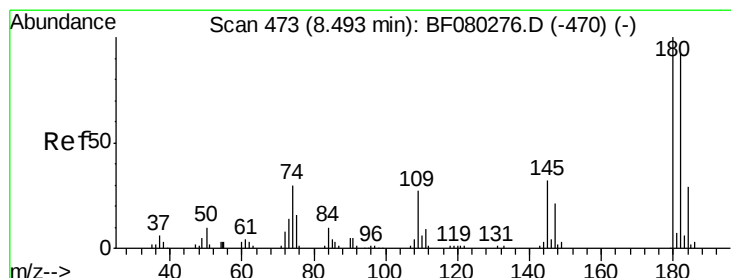
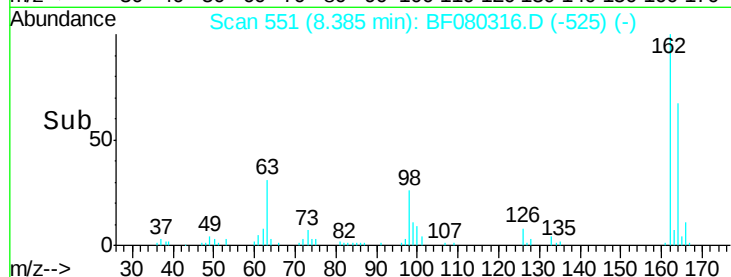
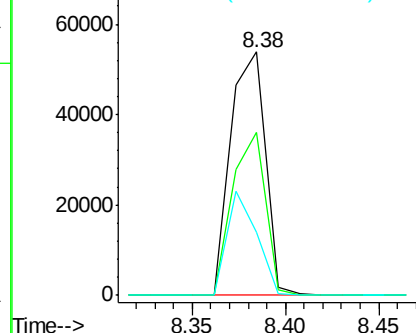
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	70507		
164	67.0	44.6	84.6	
98	25.8	21.7	61.7	

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:33:34 PM

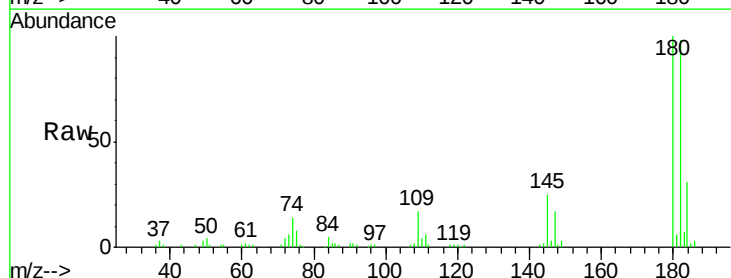


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

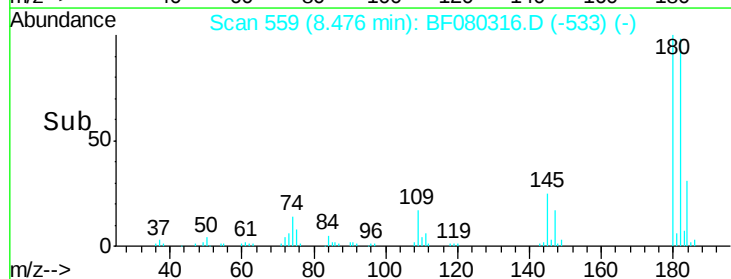
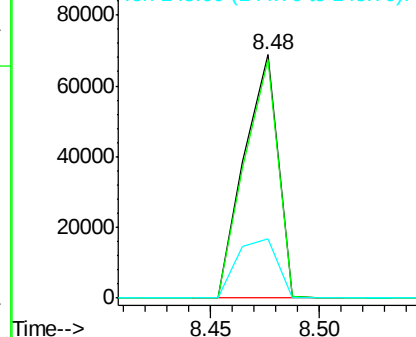


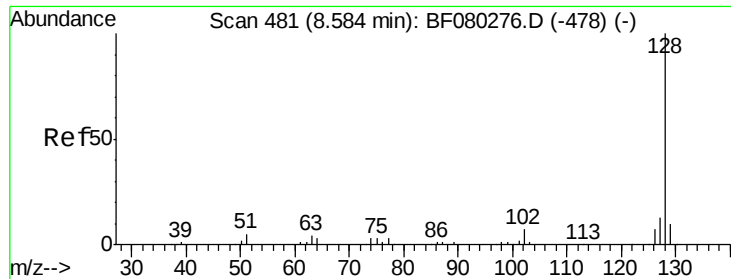
#30
 1,2,4-Trichlorobenzene
 Concen: 34.20 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74076		
182	98.0	73.8	110.6	
145	24.6	25.6	38.4#	



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





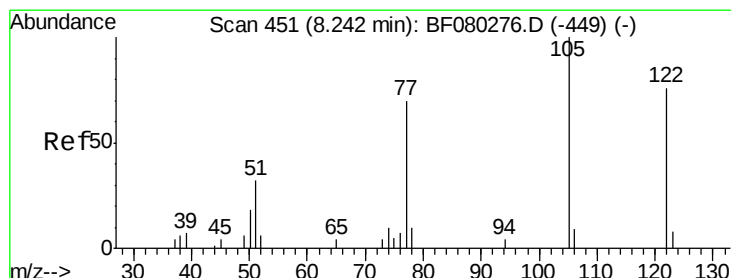
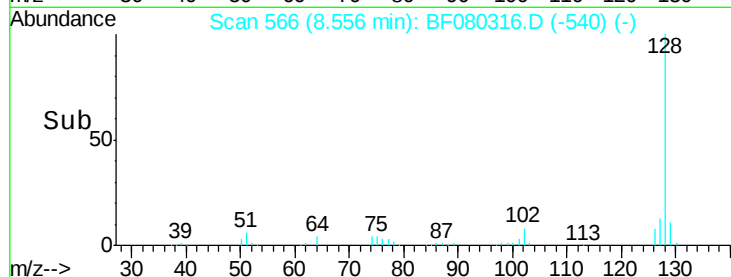
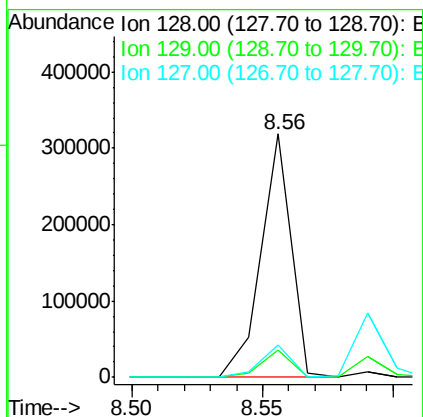
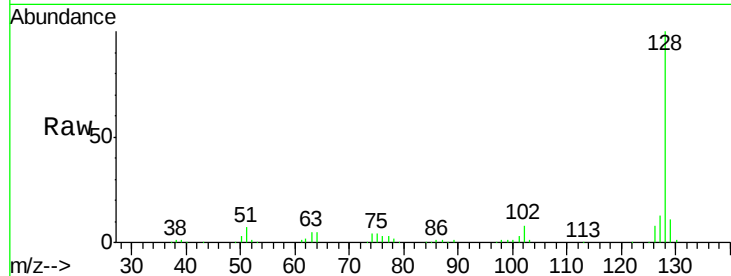
#31
Naphthalene
Concen: 38.31 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	259811		
129	11.0	8.2	12.4	
127	13.3	10.4	15.6	

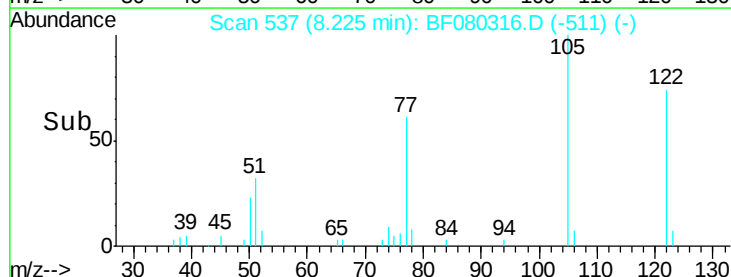
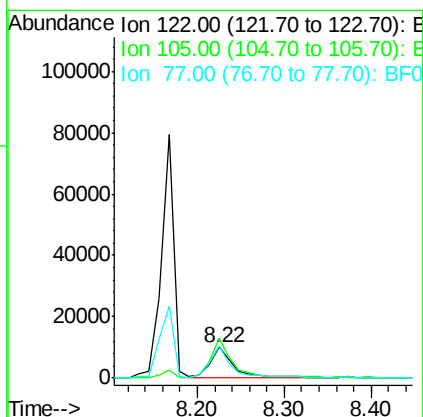
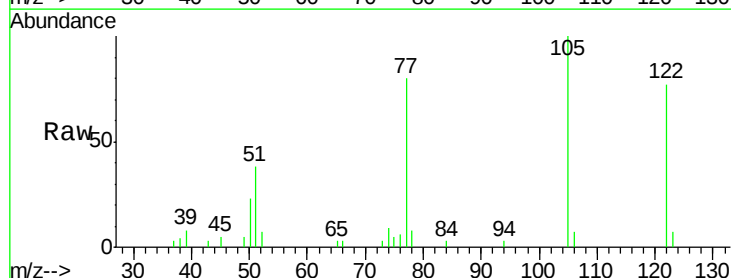
Manual Integrations
APPROVED

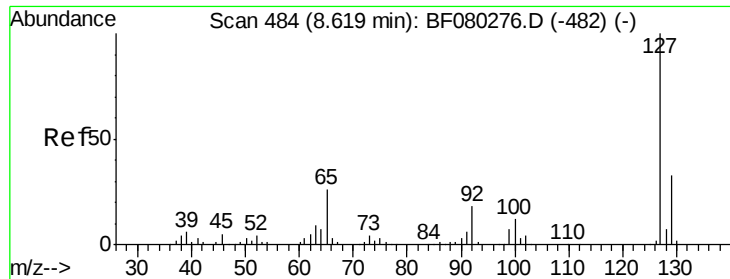
apatel
7/6/2015 3:33:34 PM



#32
Benzoic acid
Concen: 42.93 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	19750		
105	129.6	103.3	143.3	
77	104.0	71.5	111.5	





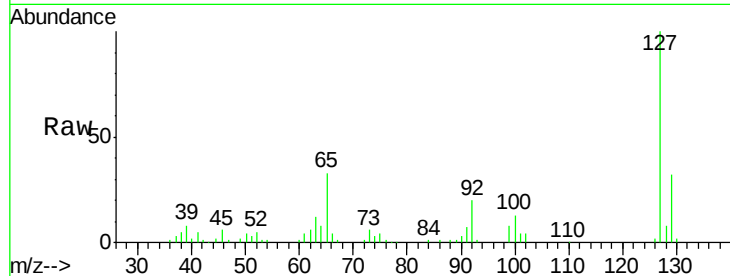
#33
4-Chloroaniline
Concen: 23.26 ng m
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

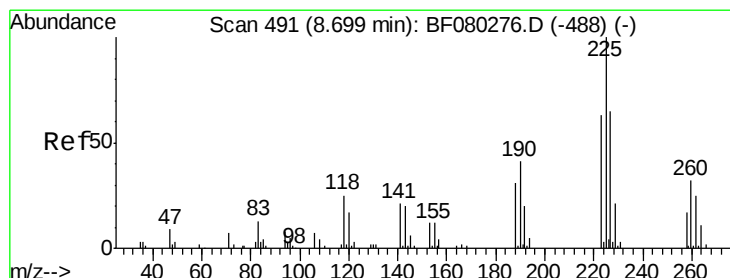
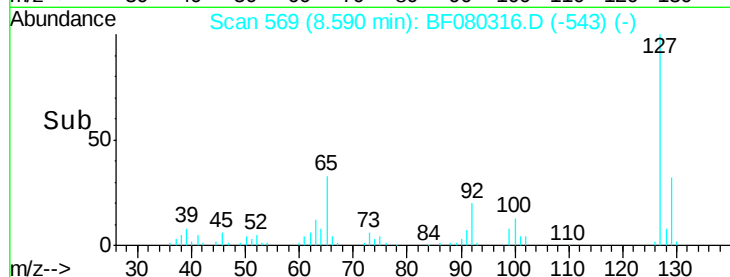
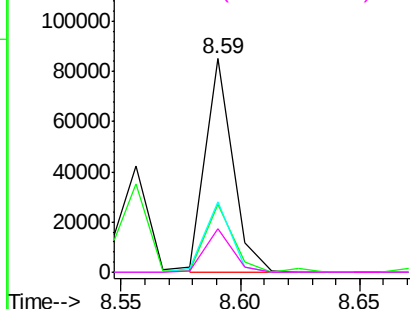
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	33.1	21.0	31.6
92	20.3	14.1	21.1

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM

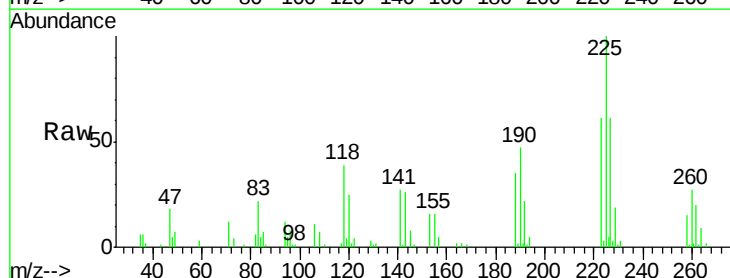


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

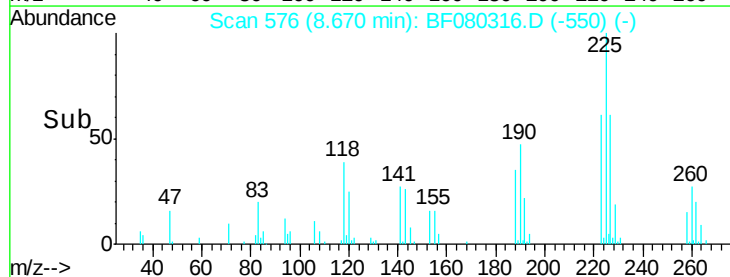
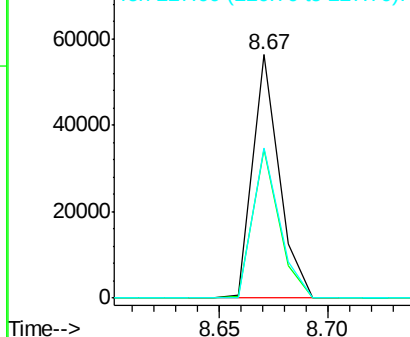


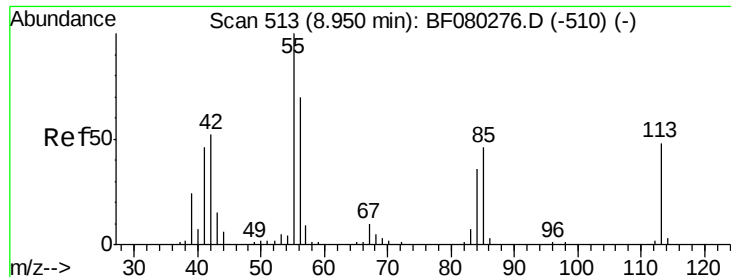
#34
Hexachlorobutadiene
Concen: 34.91 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.5	75.7
227	61.5	51.8	77.8



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





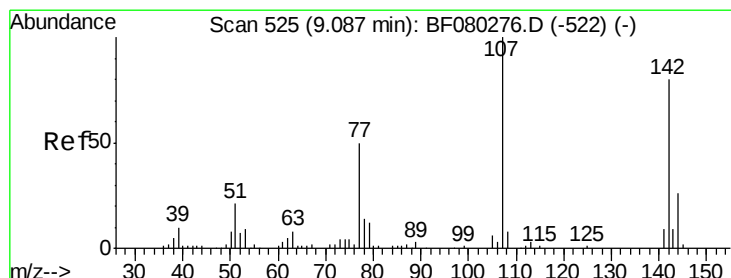
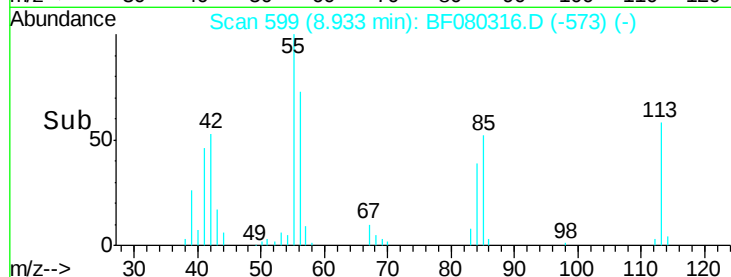
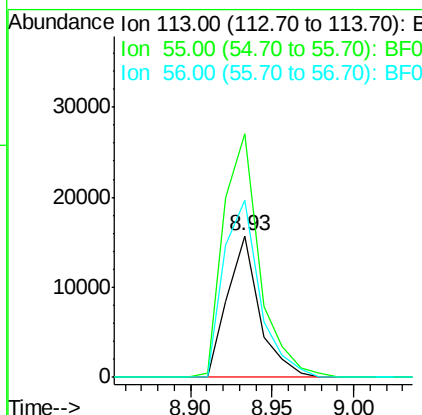
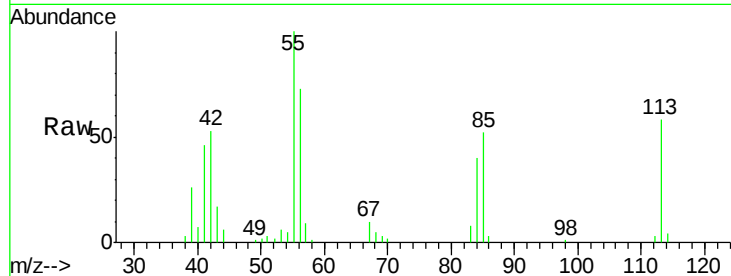
#35
 Caprolactam
 Concen: 37.88 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion:113 Resp: 21337
 Ion Ratio Lower Upper
 113 100
 55 171.9 189.7 229.7#
 56 125.2 127.2 167.2#

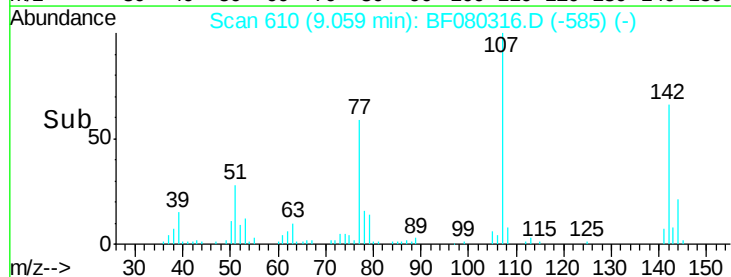
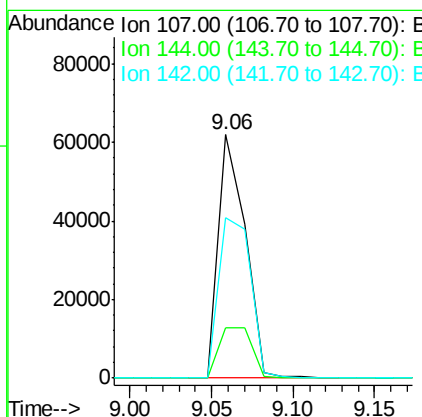
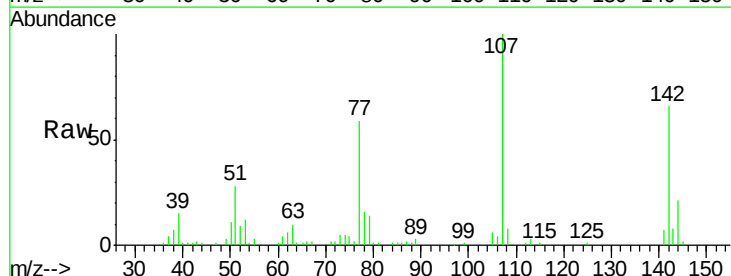
Manual Integrations
 APPROVED

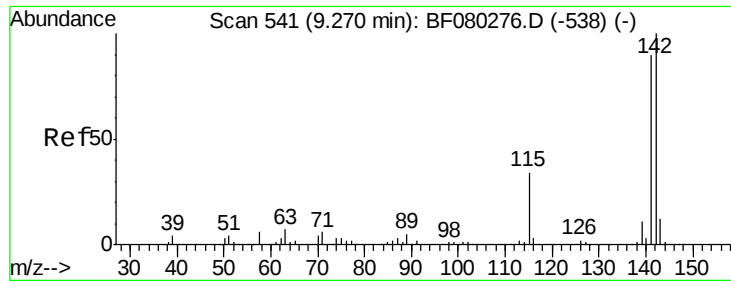
apatel
 7/6/2015 3:33:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.32 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion:107 Resp: 71005
 Ion Ratio Lower Upper
 107 100
 144 20.6 20.4 30.6
 142 66.1 63.8 95.6





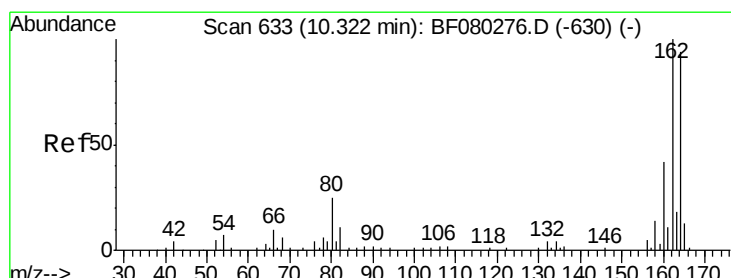
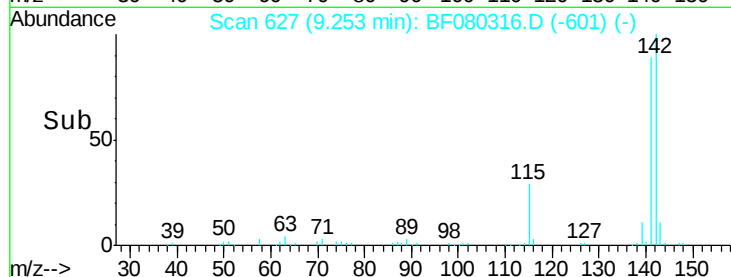
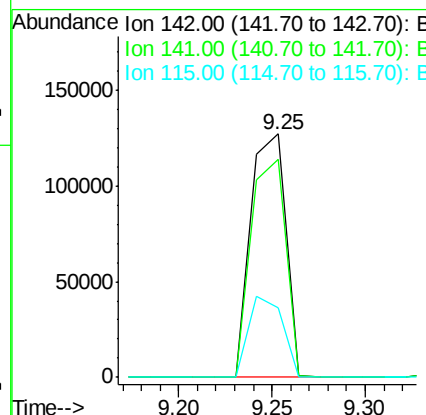
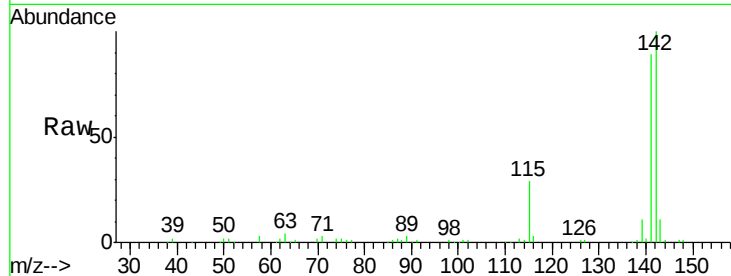
#37
 2-Methylnaphthalene
 Concen: 36.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	168143		
141	89.4	71.8	107.6	
115	28.6	27.4	41.2	

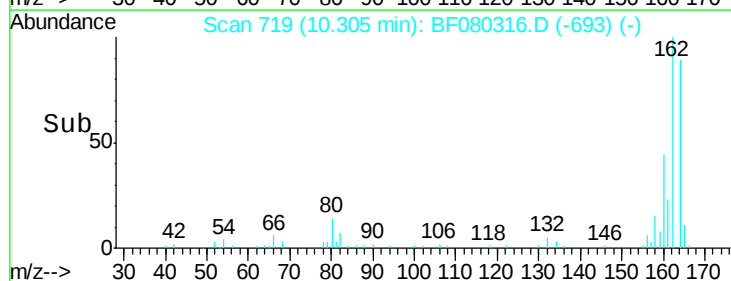
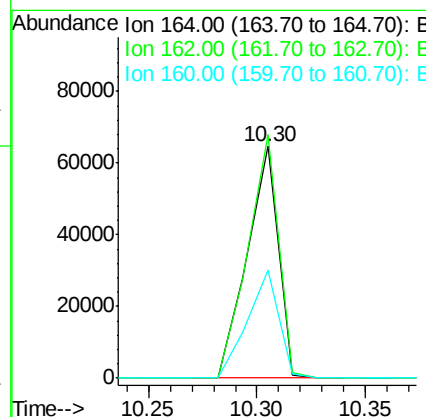
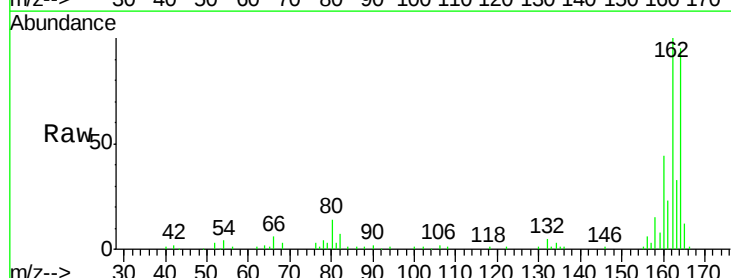
Manual Integrations
 APPROVED

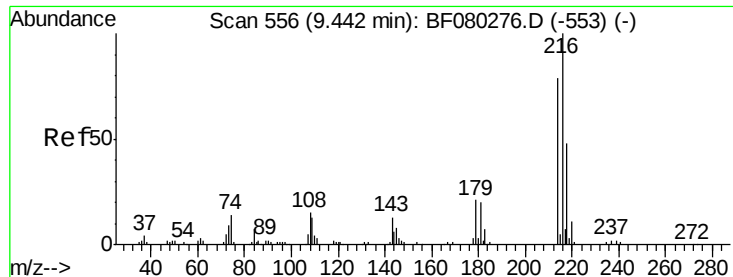
apatel
 7/6/2015 3:33:34 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63965		
162	105.0	84.8	127.2	
160	46.7	35.8	53.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.98 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

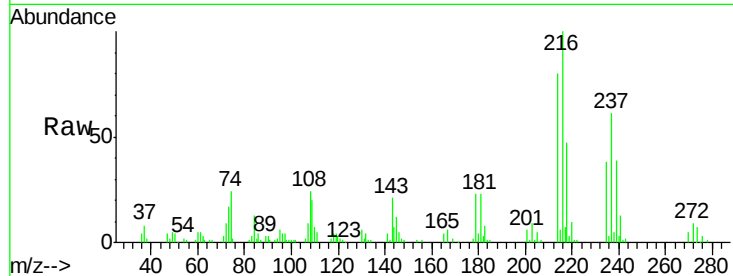
ClientSampleId :

PB84340BSD

Manual Integrations
APPROVED

apatel

7/6/2015 3:33:34 PM



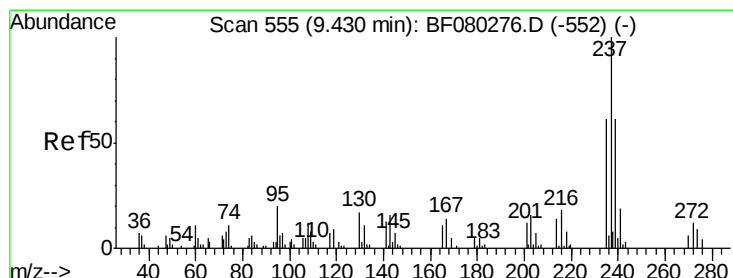
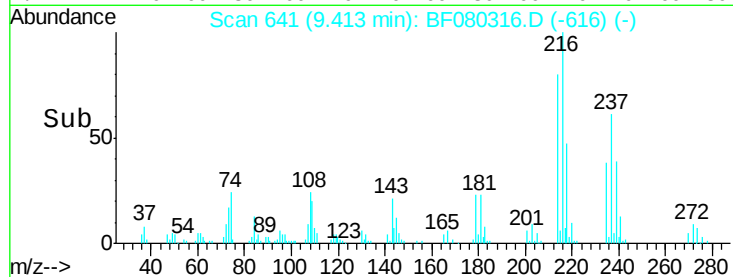
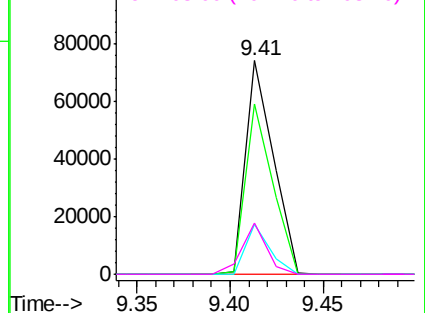
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.6
179	20.4	16.8	25.2
108	21.5	13.8	20.8

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.80 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF080316.D

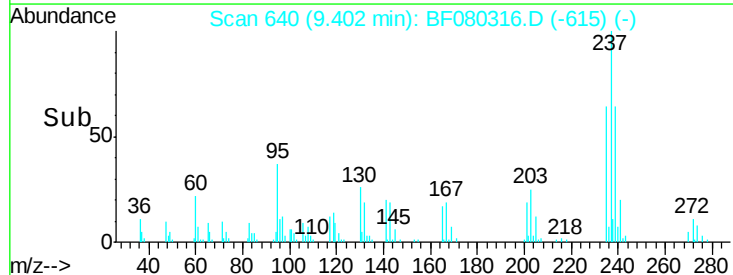
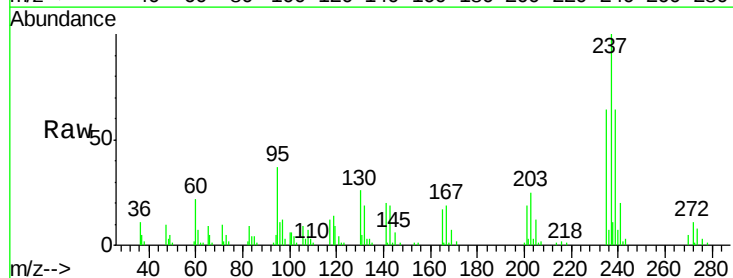
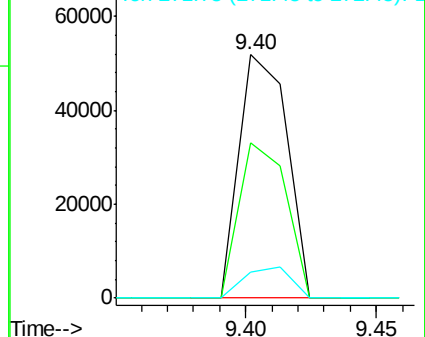
Acq: 2 Jul 2015 19:00

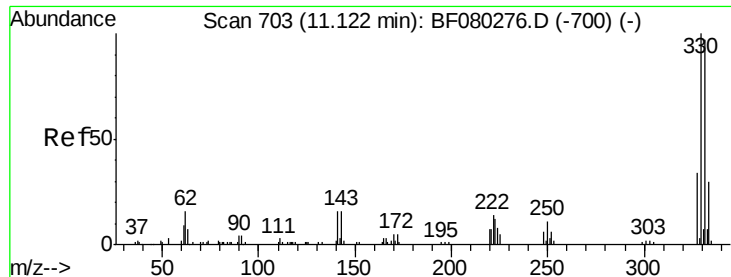
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.3	81.3
272	10.6	0.0	31.8

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





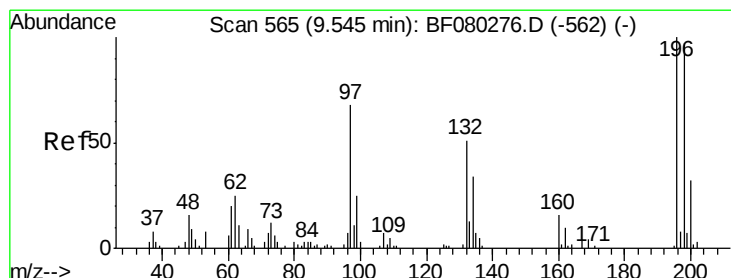
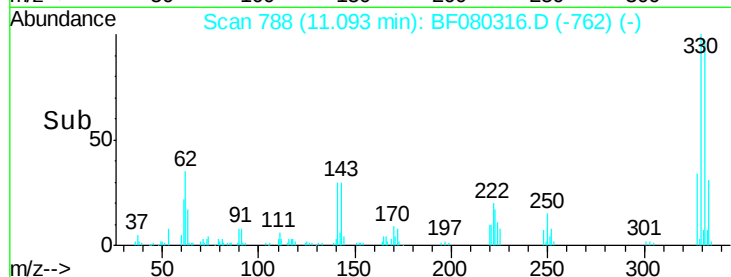
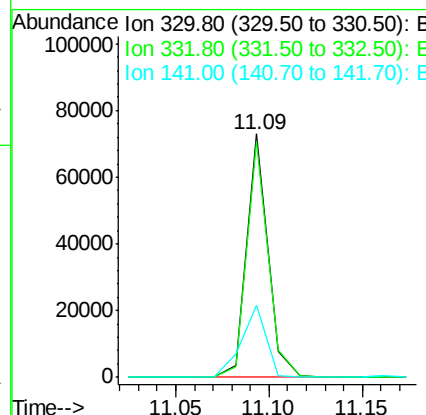
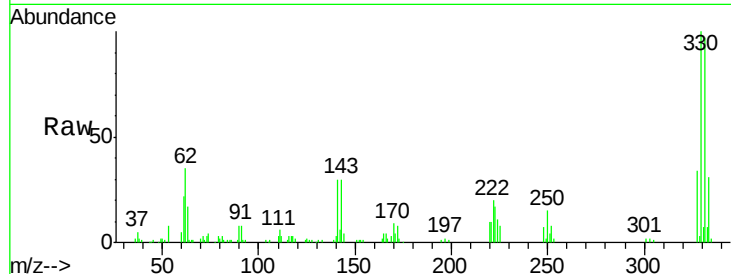
#41
 2,4,6-Tribromophenol
 Concen: 95.50 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	58168		
332	97.7	77.4	116.2	
141	34.8	28.0	42.0	

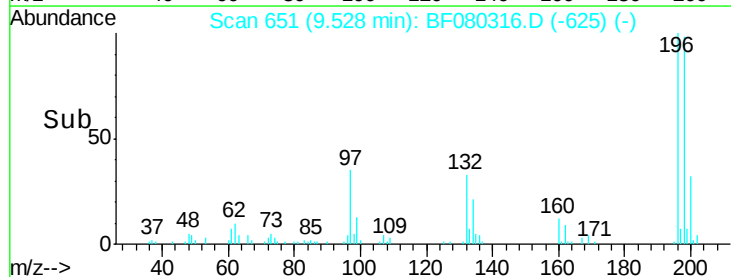
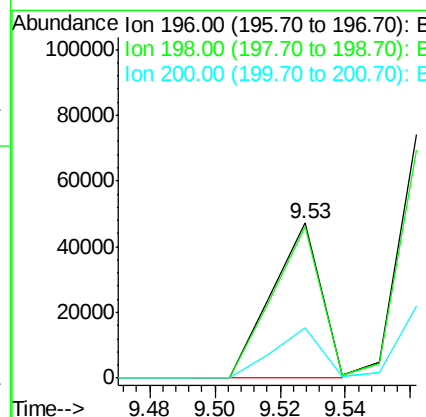
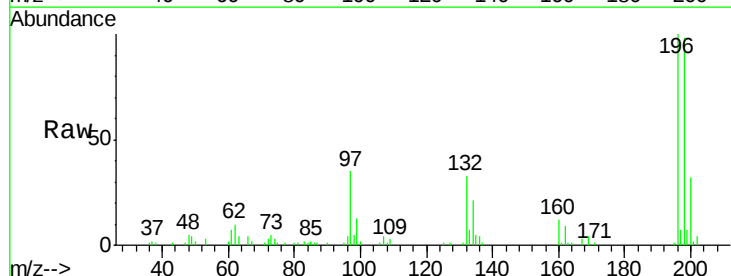
Manual Integrations
 APPROVED

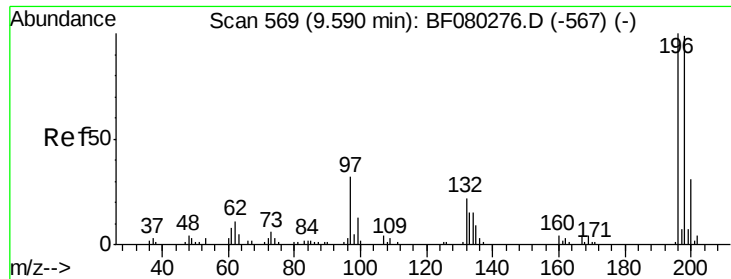
apatel
 7/6/2015 3:33:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.69 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49441		
198	97.5	77.7	116.5	
200	32.3	25.6	38.4	





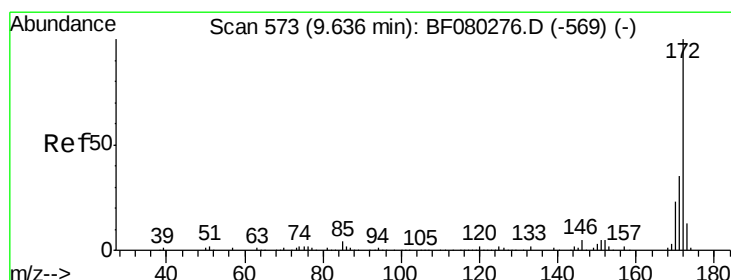
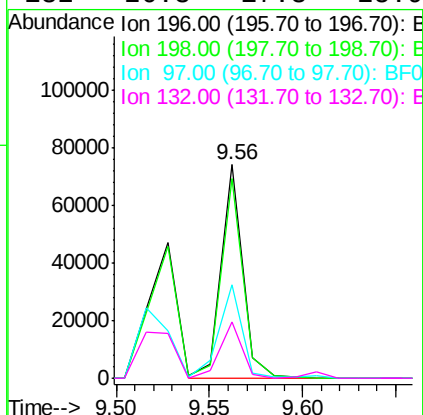
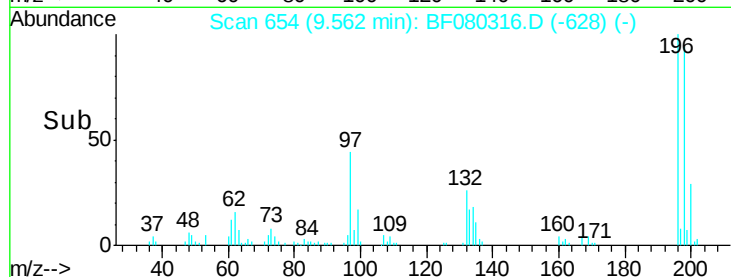
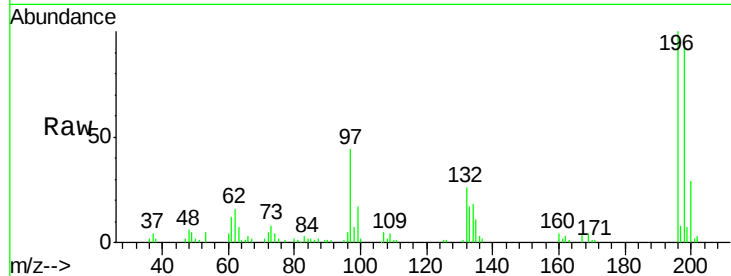
#43
 2,4,5-Trichlorophenol
 Concen: 41.26 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59897		
198	93.8	79.4	119.2	
97	43.6	25.9	38.9#	
132	26.3	17.3	25.9#	

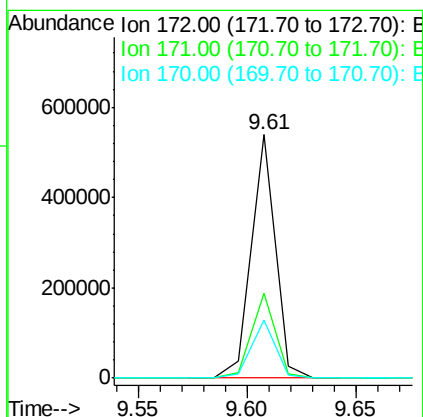
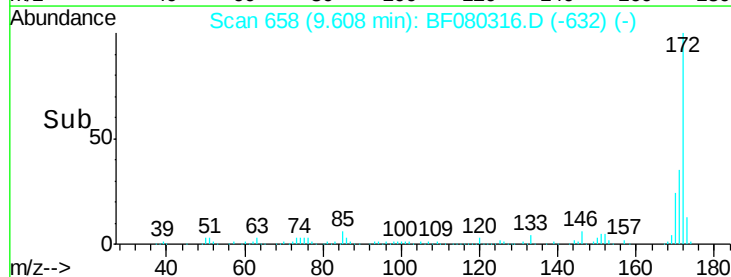
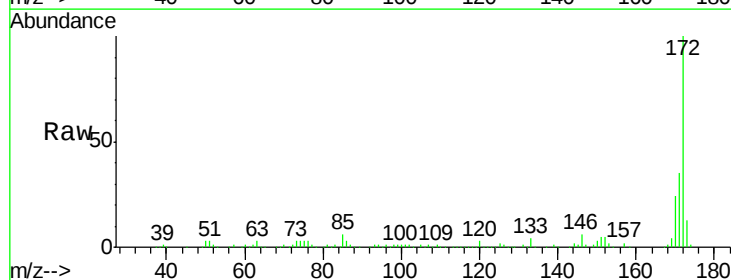
Manual Integrations
 APPROVED

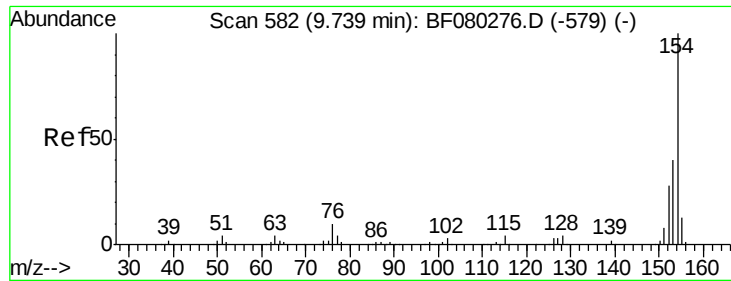
apatel
 7/6/2015 3:33:34 PM



#44
 2-Fluorobiphenyl
 Concen: 92.98 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	413205		
171	34.7	28.1	42.1	
170	24.0	18.6	28.0	





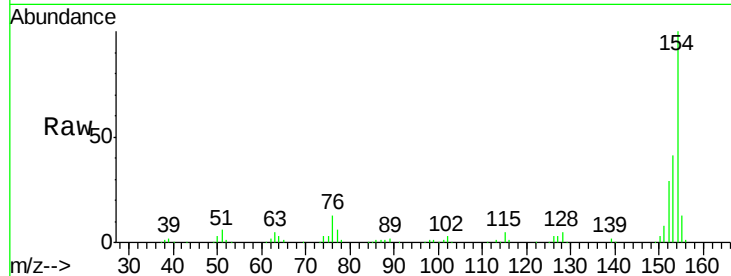
#45
 1,1'-Biphenyl
 Concen: 41.88 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

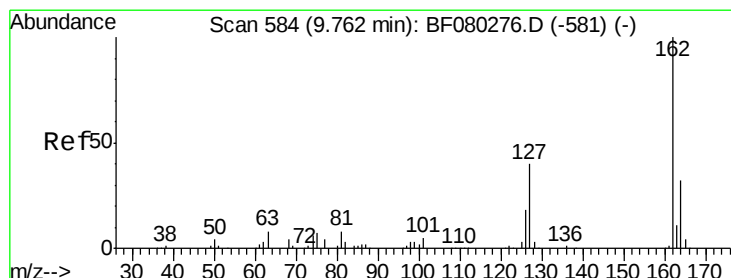
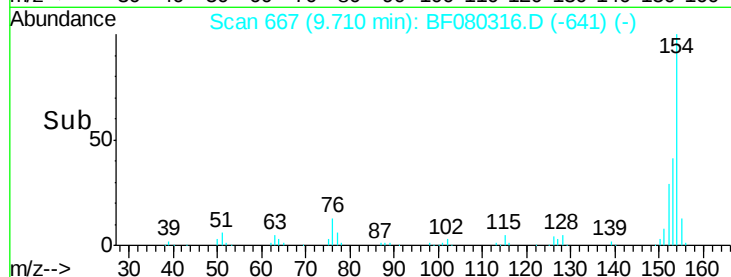
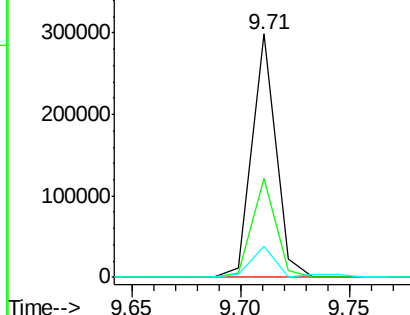
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	227826		
153	40.6	20.3	60.3	
76	12.8	0.0	30.3	

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:33:34 PM

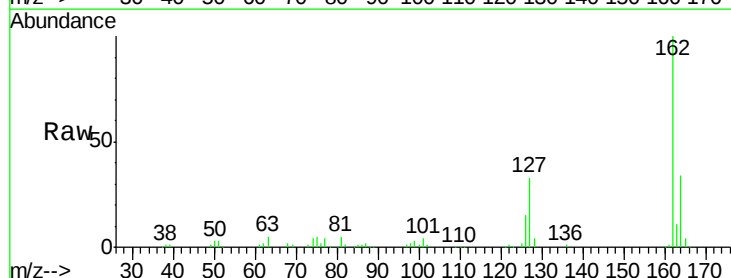


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

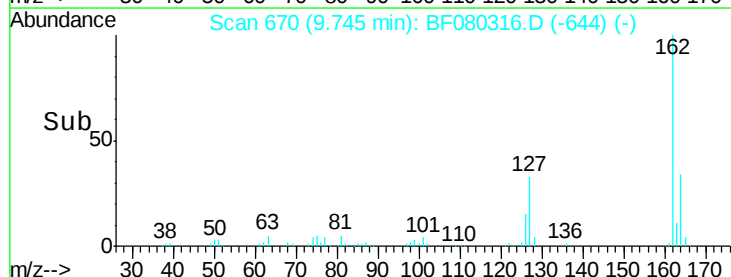
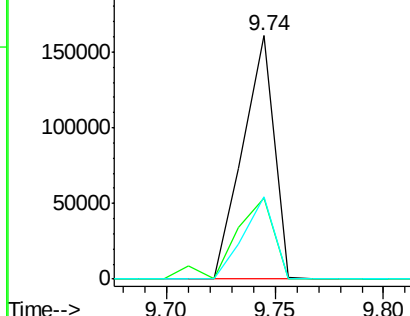


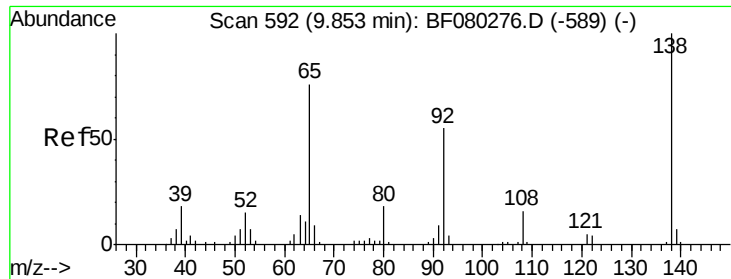
#46
 2-Chloronaphthalene
 Concen: 38.28 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	161160		
127	33.1	33.4	50.0#	
164	33.9	25.3	37.9	



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





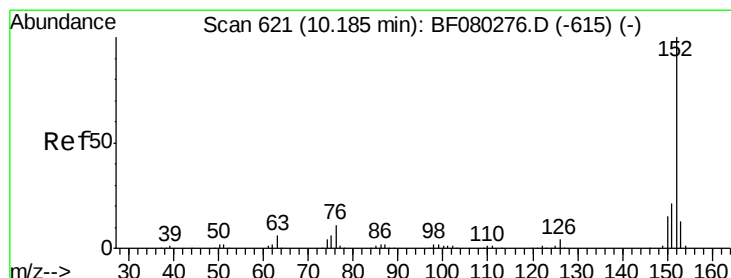
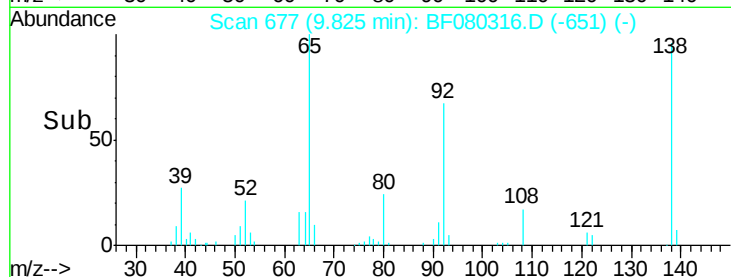
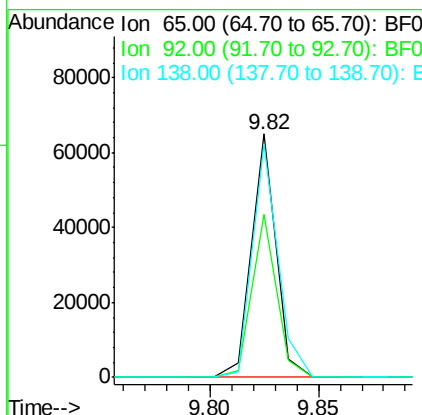
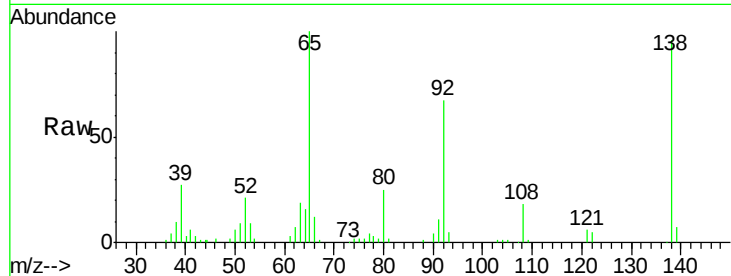
#47
2-Nitroaniline
Concen: 41.66 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion: 65 Resp: 50448
Ion Ratio Lower Upper
65 100
92 66.9 58.0 87.0
138 95.6 104.8 157.2#

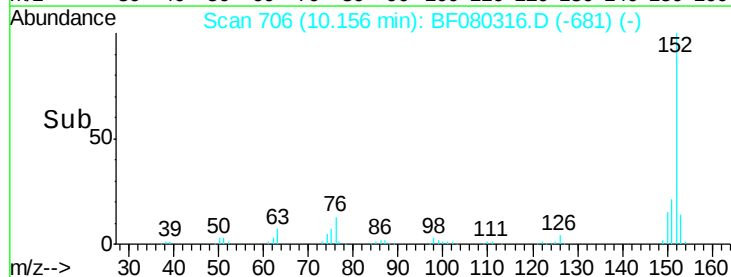
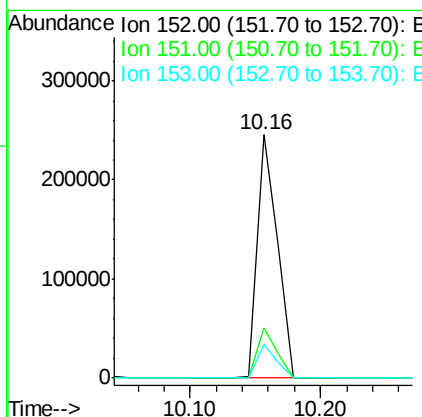
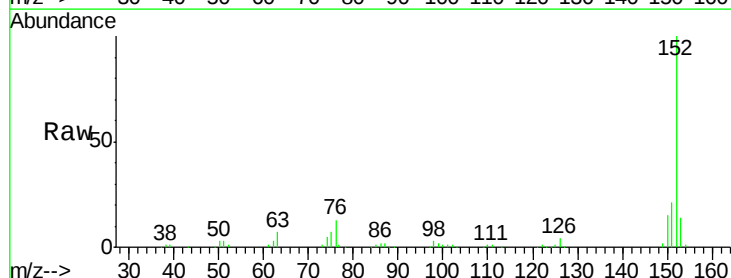
Manual Integrations
APPROVED

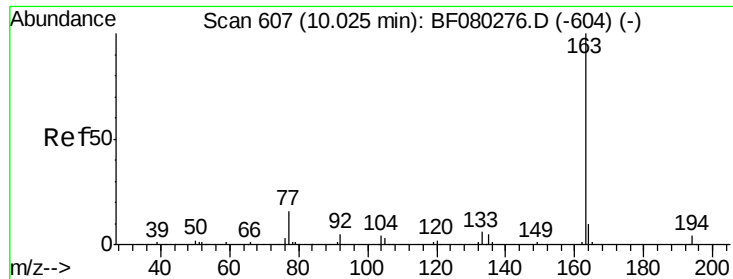
apatel
7/6/2015 3:33:34 PM



#48
Acenaphthylene
Concen: 36.05 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion: 152 Resp: 263603
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 13.6 10.7 16.1





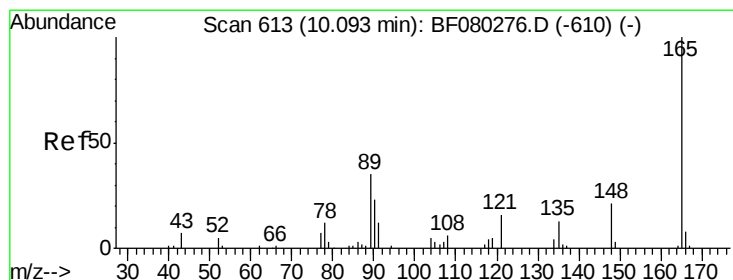
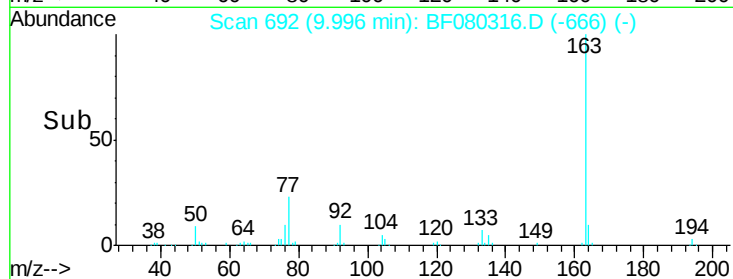
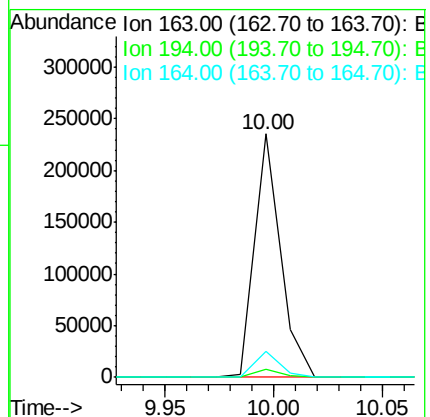
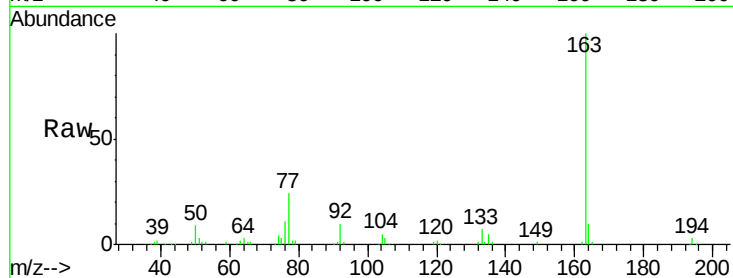
#49
Dimethylphthalate
Concen: 40.05 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	3.0	4.4
164	10.4	7.9	11.9

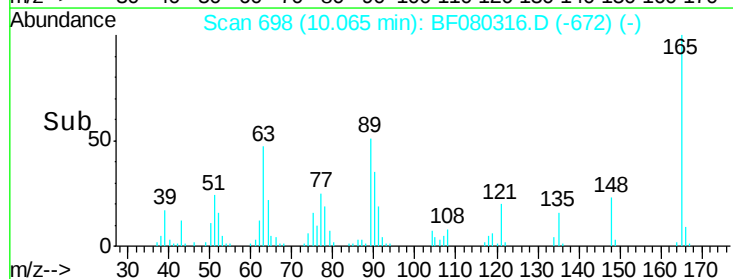
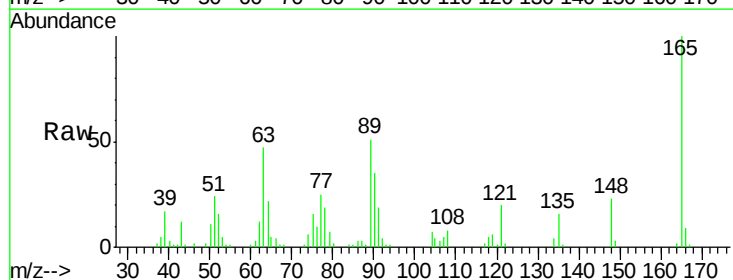
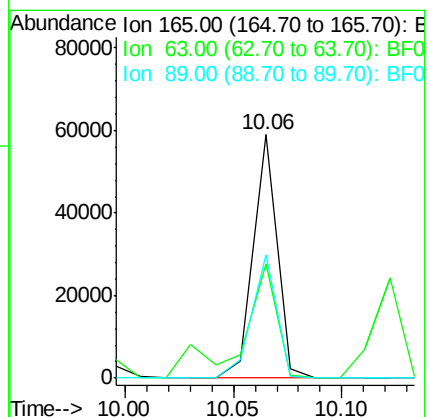
Manual Integrations
APPROVED

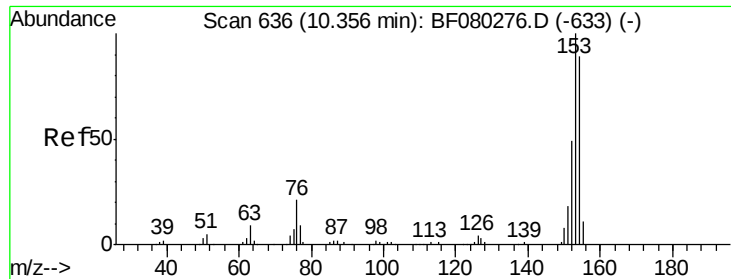
apatel
7/6/2015 3:33:34 PM



#50
2,6-Dinitrotoluene
Concen: 44.97 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	47.1	23.4	35.0#
89	50.6	27.7	41.5#





#51

Acenaphthene

Concen: 40.64 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

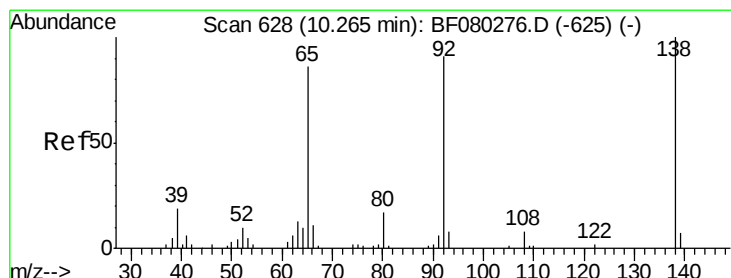
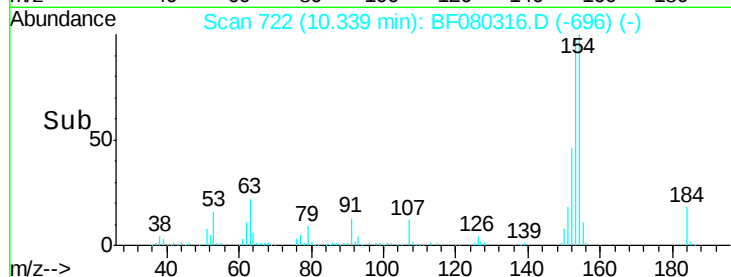
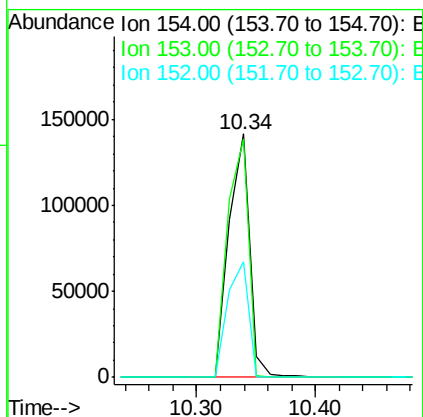
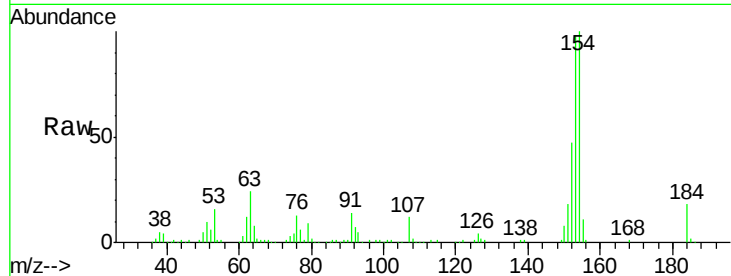
ClientSampleId :

PB84340BSD

Tgt Ion:	154	Resp:	171096
Ion Ratio	Lower	Upper	
154	100		
153	97.9	90.4	135.6
152	47.3	43.9	65.9

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



#52

3-Nitroaniline

Concen: 30.45 ng

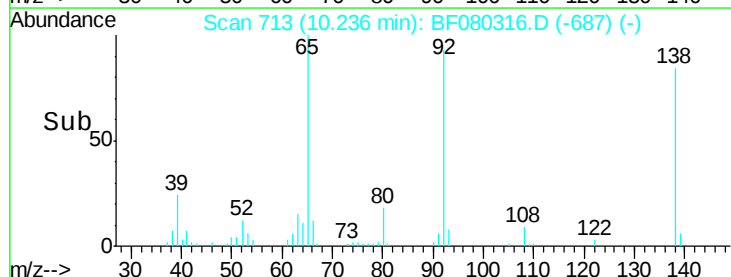
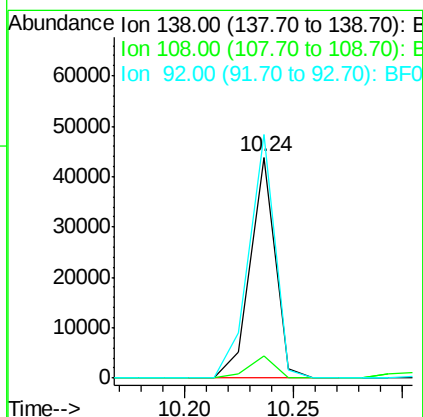
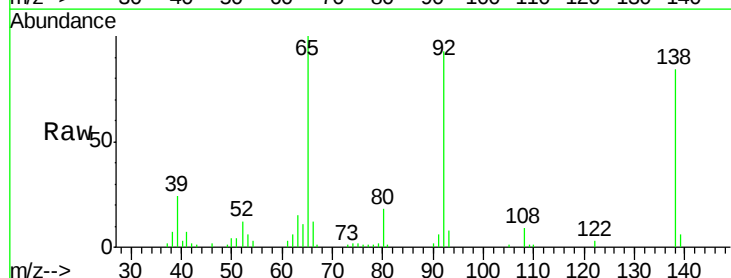
RT: 10.24 min Scan# 713

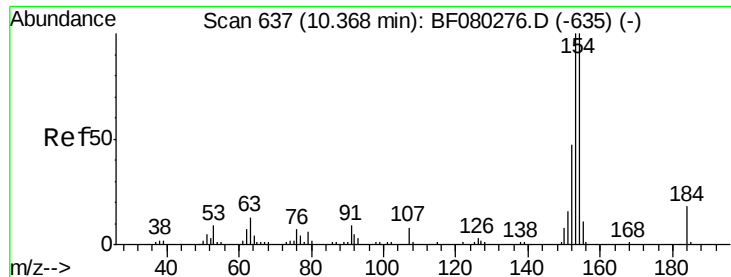
Delta R.T. -0.00 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Tgt Ion:	138	Resp:	34892
Ion Ratio	Lower	Upper	
138	100		
108	10.1	6.7	10.1#
92	110.1	72.6	109.0#





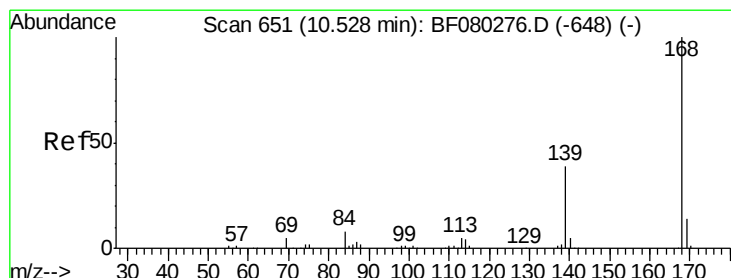
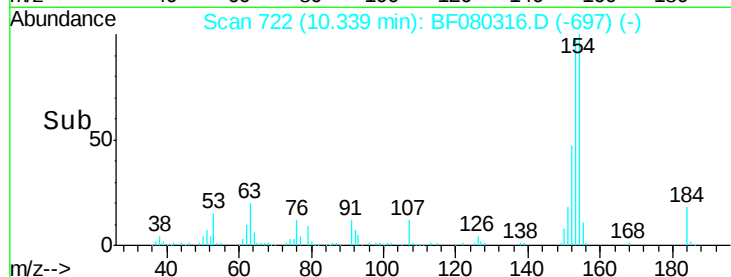
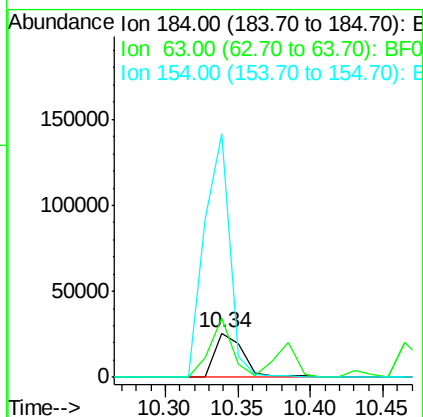
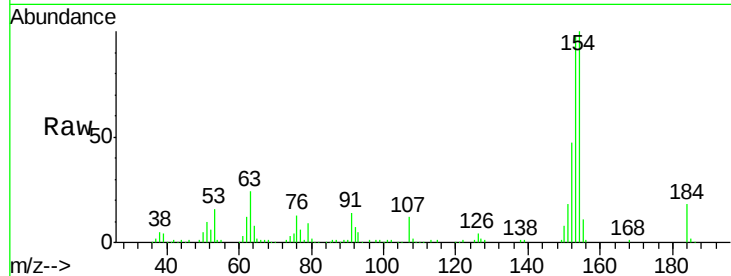
#53
2,4-Dinitrophenol
Concen: 83.92 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion:184 Resp: 35023
Ion Ratio Lower Upper
184 100
63 135.0 65.0 97.6#
154 551.4 473.1 709.7

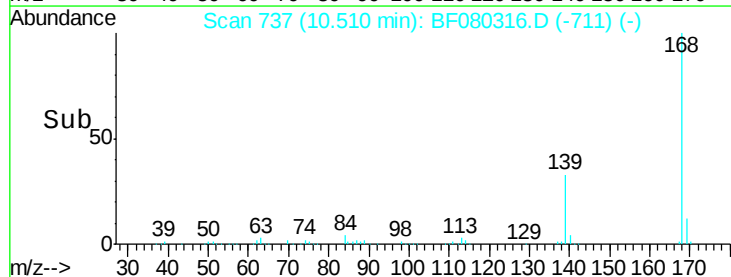
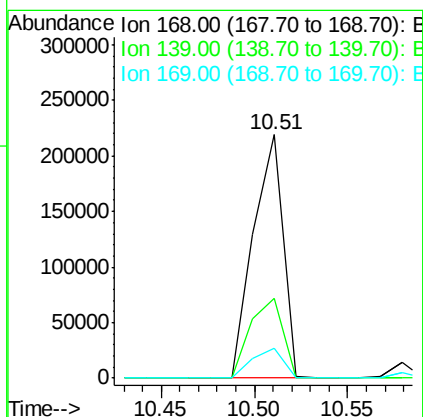
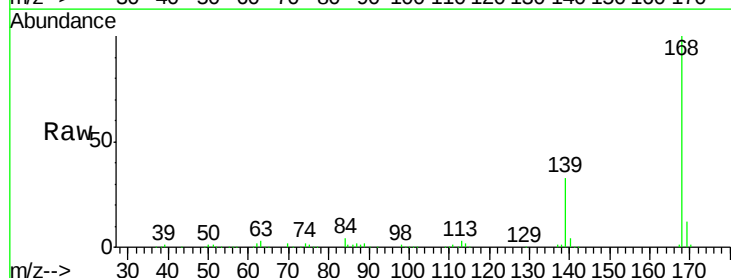
Manual Integrations
APPROVED

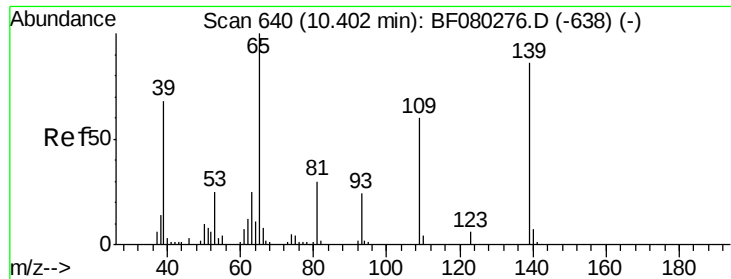
apatel
7/6/2015 3:33:34 PM



#54
Dibenzofuran
Concen: 40.49 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:168 Resp: 240552
Ion Ratio Lower Upper
168 100
139 32.6 31.5 47.3
169 12.5 11.0 16.4





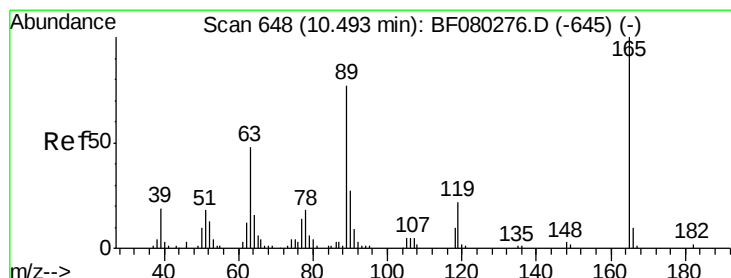
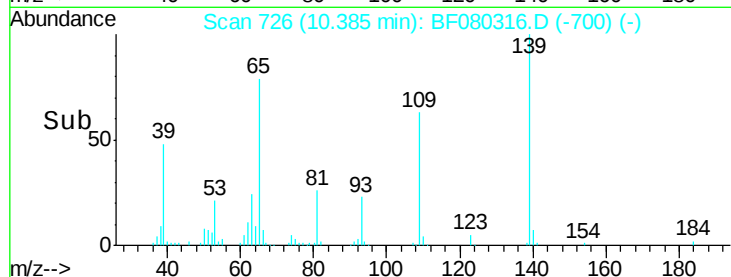
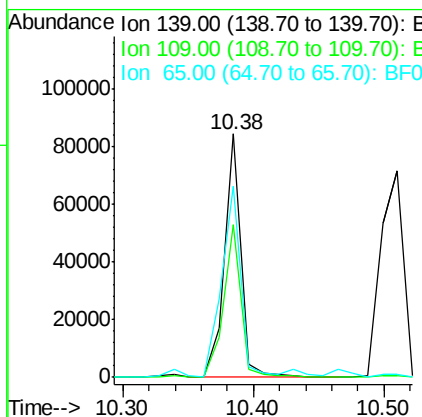
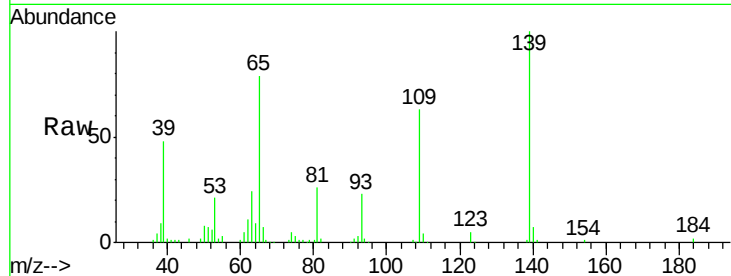
#55
4-Nitrophenol
Concen: 88.58 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion:139 Resp: 75022
Ion Ratio Lower Upper
139 100
109 62.6 50.2 90.2
65 78.7 96.7 136.7#

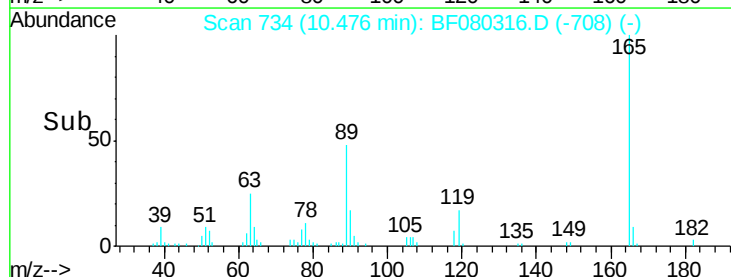
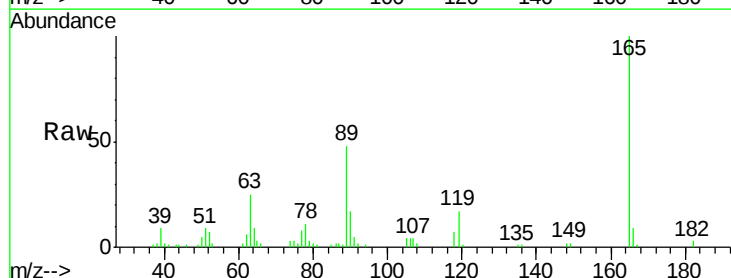
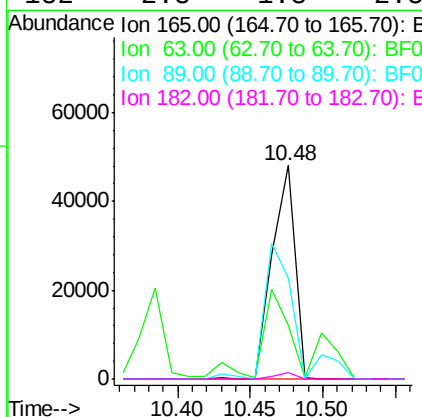
Manual Integrations
APPROVED

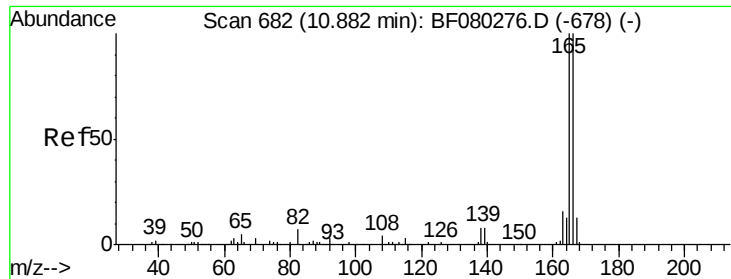
apatel
7/6/2015 3:33:34 PM



#56
2,4-Dinitrotoluene
Concen: 40.61 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion:165 Resp: 52598
Ion Ratio Lower Upper
165 100
63 25.4 38.7 58.1#
89 47.7 62.0 93.0#
182 2.8 1.8 2.8





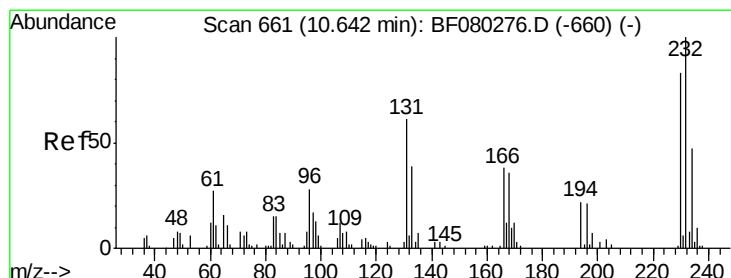
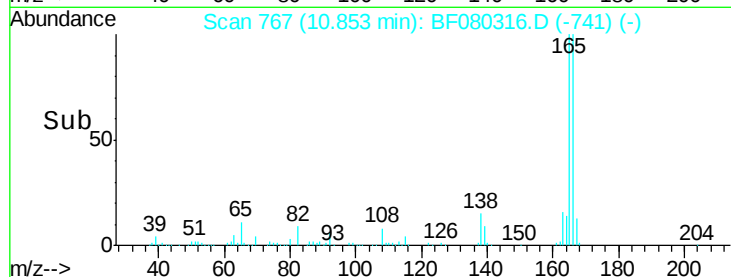
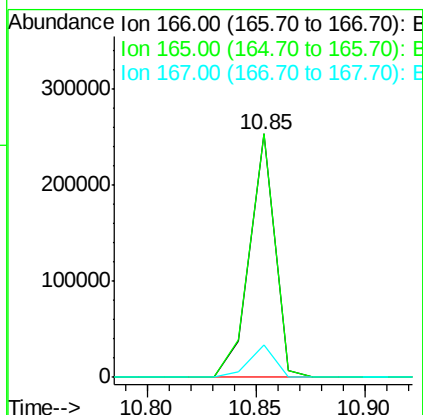
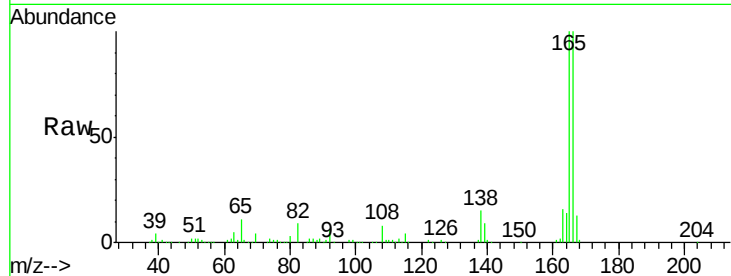
#57
 Fluorene
 Concen: 41.56 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	204809		
165	100.1	79.9	119.9	
167	13.2	10.3	15.5	

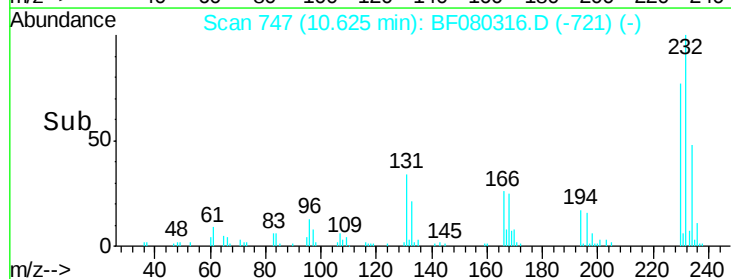
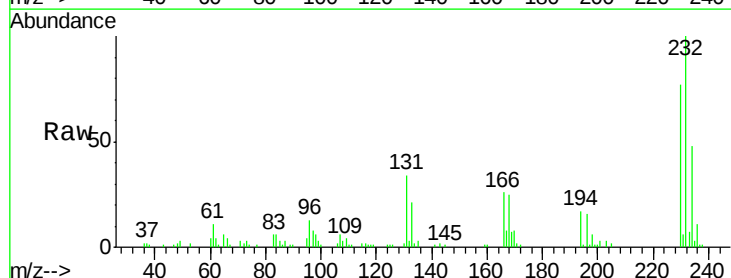
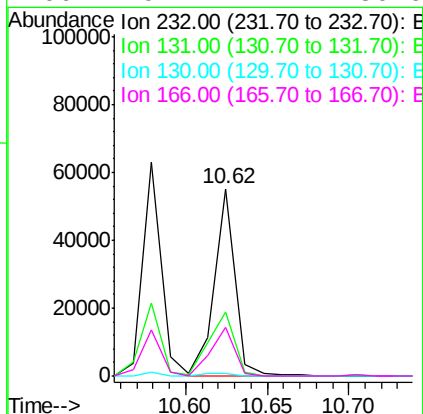
Manual Integrations
 APPROVED

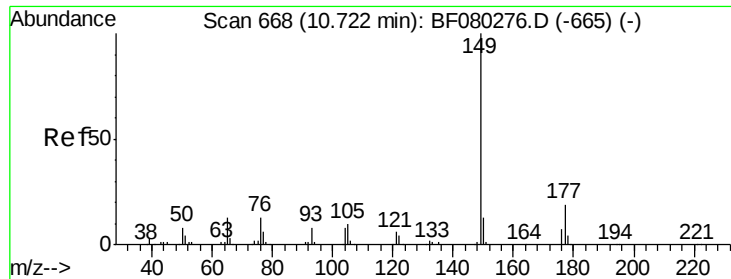
apatel
 7/6/2015 3:33:34 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.45 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	49156		
131	41.6	37.0	55.6	
130	2.0	1.5	2.3	
166	29.2	24.4	36.6	





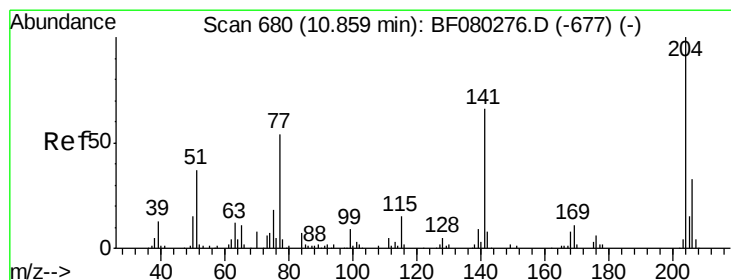
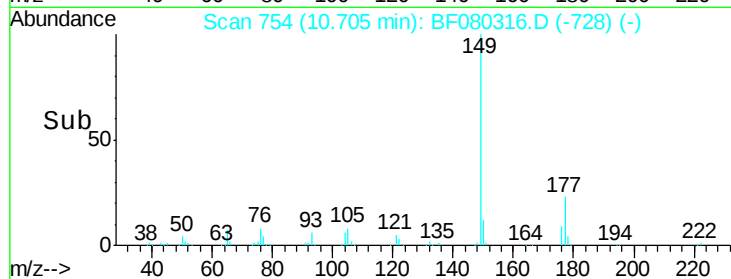
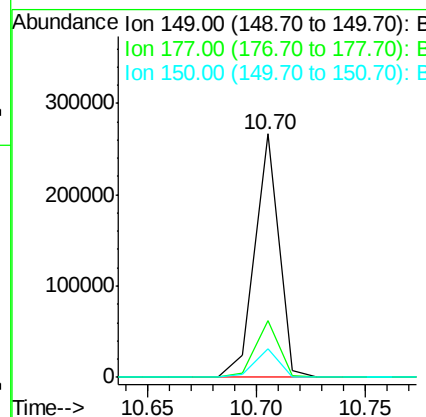
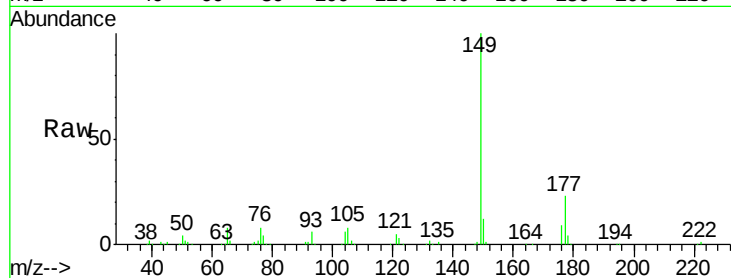
#59
Diethylphthalate
Concen: 44.15 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	205040		
177	23.3	15.4	23.0#	
150	12.0	10.5	15.7	

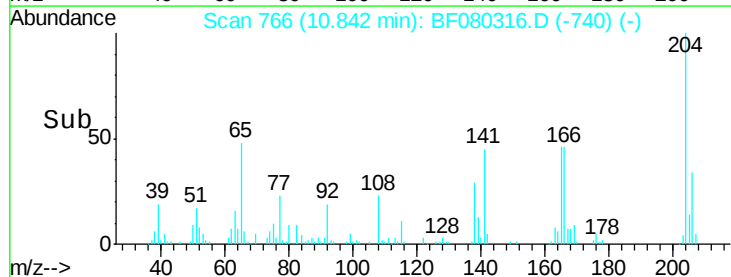
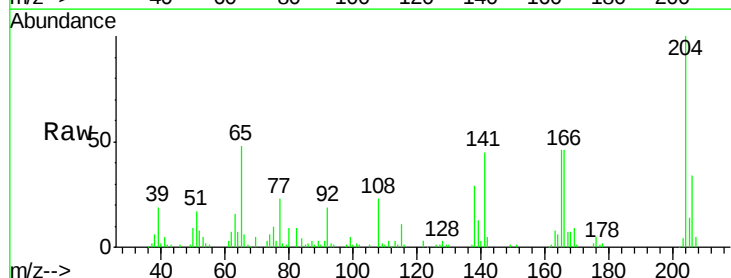
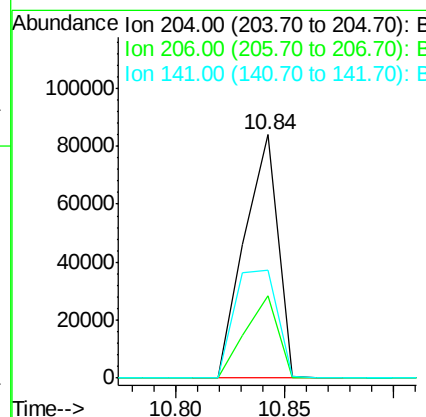
Manual Integrations
APPROVED

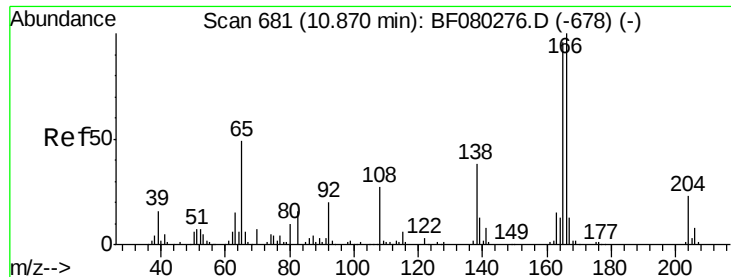
apatel
7/6/2015 3:33:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.19 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	89565		
206	34.0	26.5	39.7	
141	44.6	52.5	78.7#	





#61

4-Nitroaniline

Concen: 36.99 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF080316.D

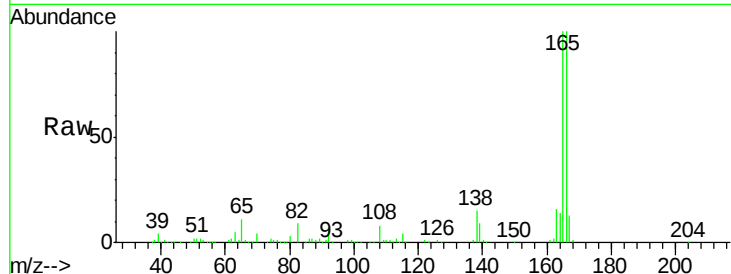
Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

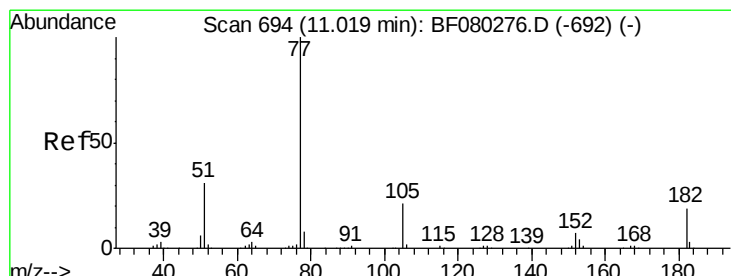
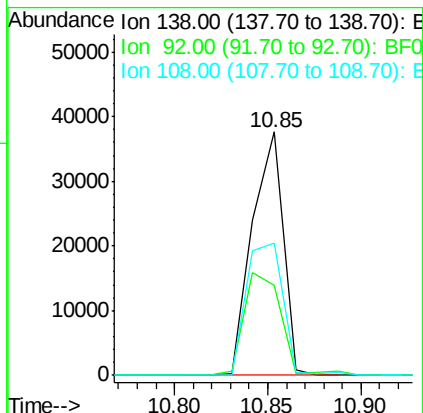
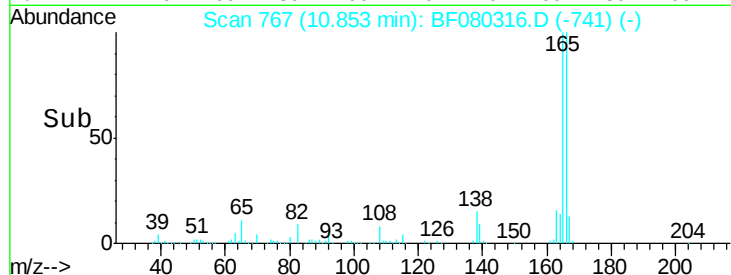
PB84340BSD



Tgt Ion:	138	Resp:	43073
Ion Ratio	Lower	Upper	
138	100		
92	37.0	32.7	72.7
108	54.4	49.6	89.6

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



#62

Azobenzene

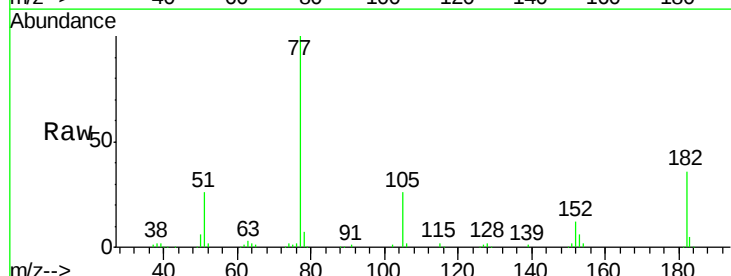
Concen: 37.68 ng

RT: 11.00 min Scan# 780

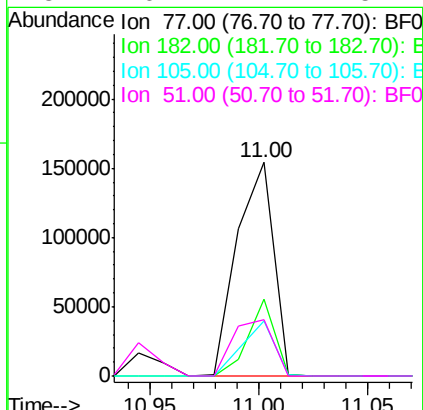
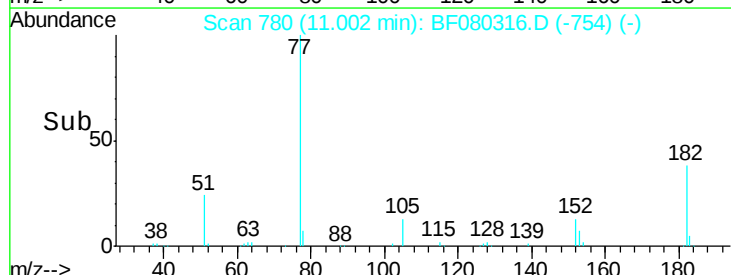
Delta R.T. -0.00 min

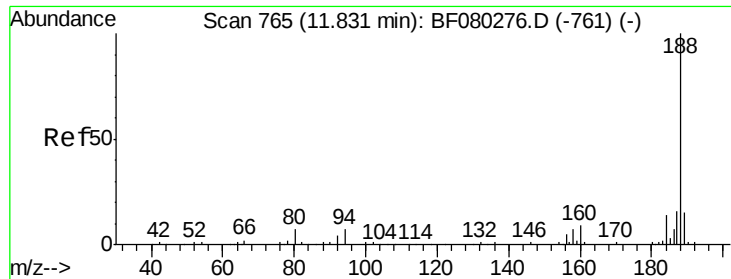
Lab File: BF080316.D

Acq: 2 Jul 2015 19:00



Tgt Ion:	77	Resp:	179989
Ion Ratio	Lower	Upper	
77	100		
182	36.0	0.0	38.9
105	25.8	1.3	41.3
51	26.4	11.1	51.1





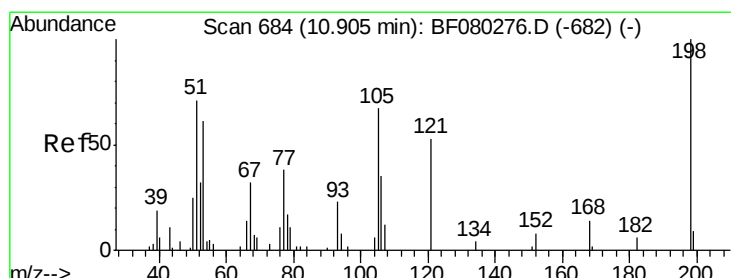
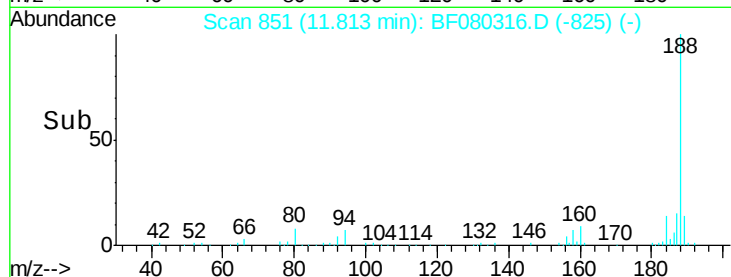
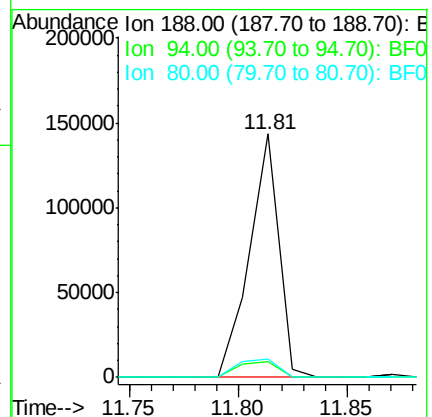
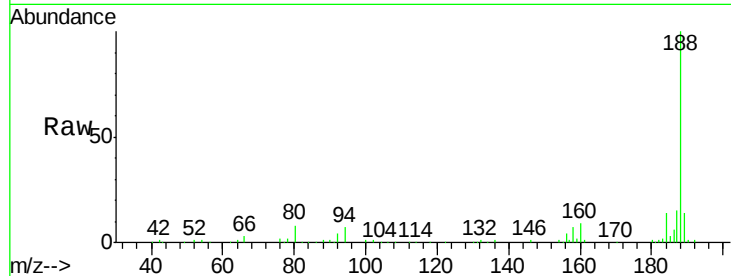
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.81 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.6	5.4	8.0
80	7.7	5.8	8.6

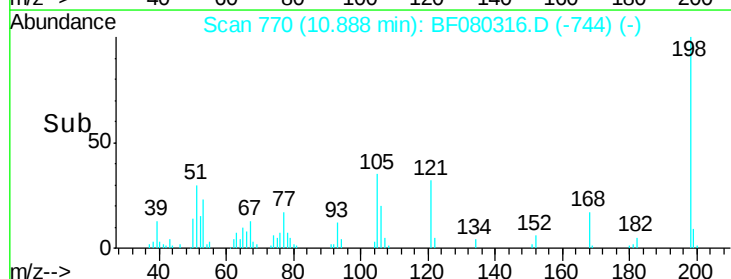
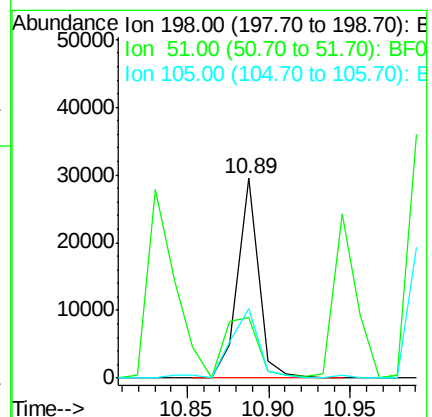
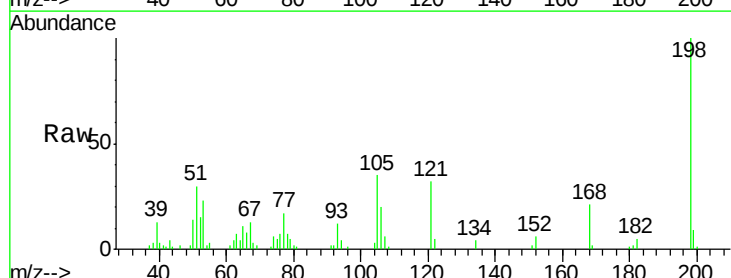
Manual Integrations
 APPROVED

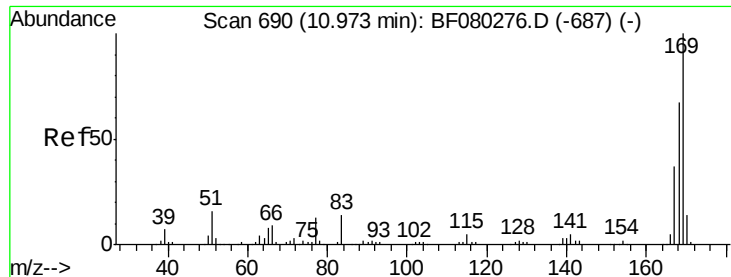
apatel
 7/6/2015 3:33:34 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.54 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	30.1	63.7	103.7#
105	35.1	46.9	86.9#





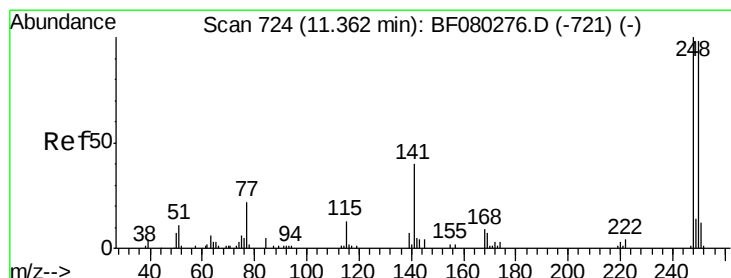
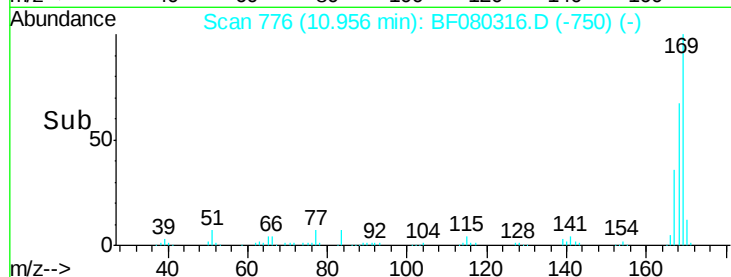
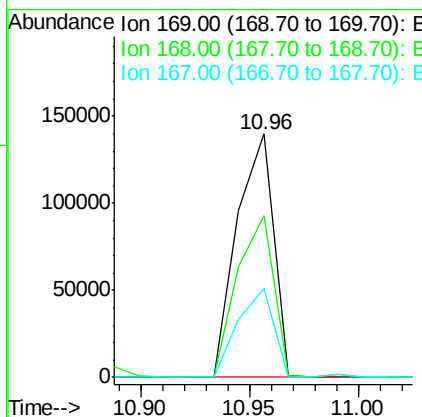
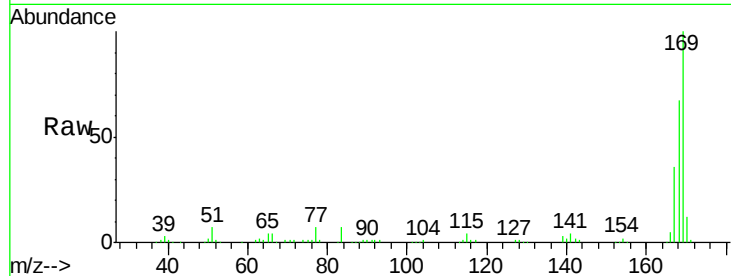
#65
 n-Nitrosodiphenylamine
 Concen: 36.89 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	162253		
168	66.7	53.6	80.4	
167	36.5	29.9	44.9	

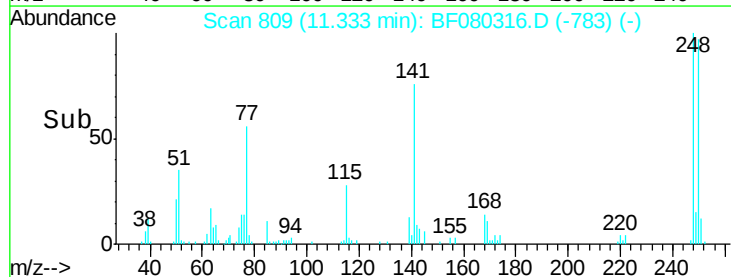
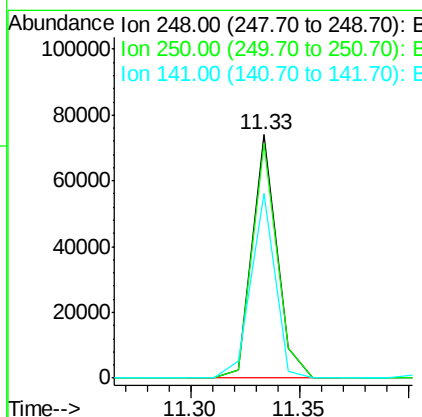
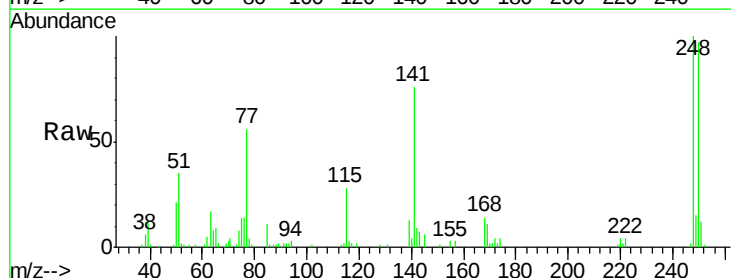
Manual Integrations
 APPROVED

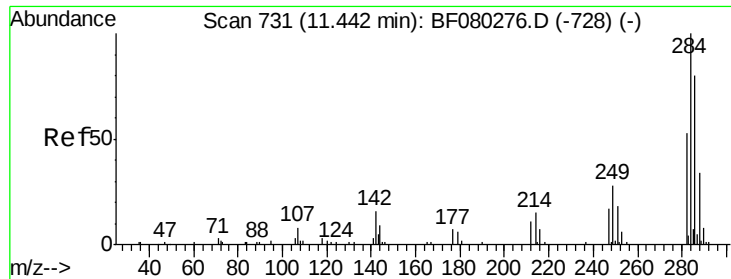
apatel
 7/6/2015 3:33:34 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.49 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	58577		
250	96.6	78.2	117.4	
141	75.7	31.9	47.9	





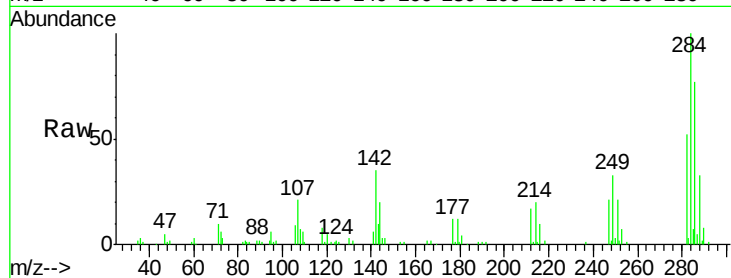
#67
Hexachlorobenzene
Concen: 39.95 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

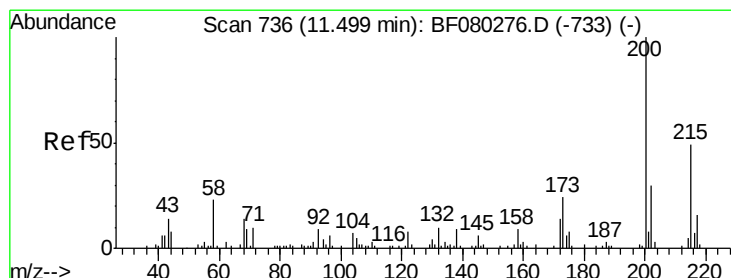
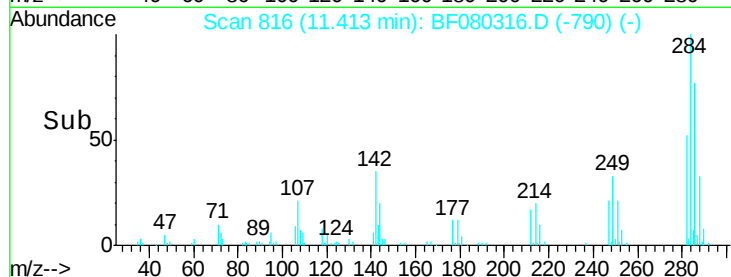
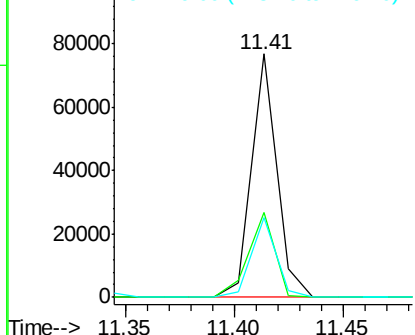
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	12.5	18.7#
249	32.8	22.4	33.6

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM

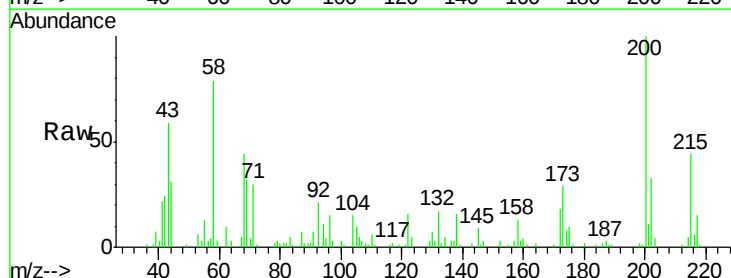


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

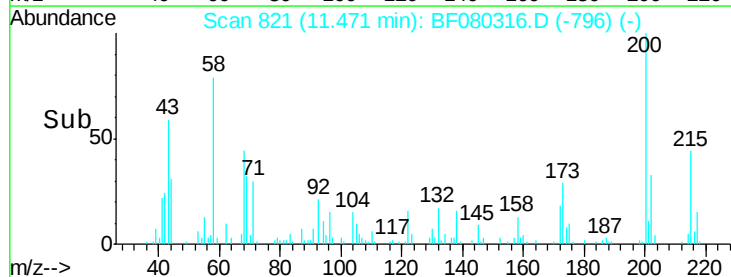
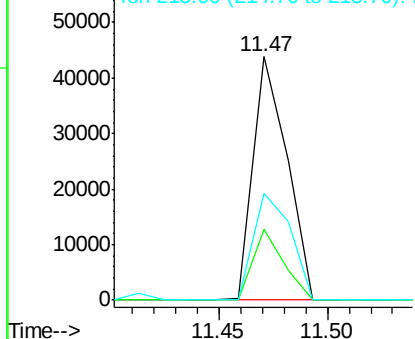


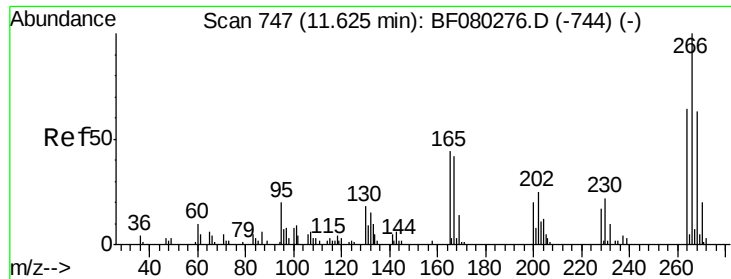
#68
Atrazine
Concen: 35.87 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	3.5	43.5
215	43.8	28.6	68.6



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





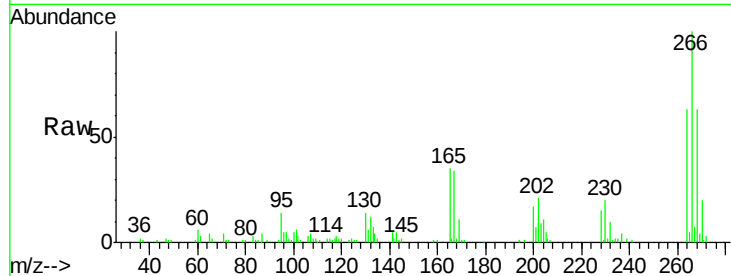
#69
 Pentachlorophenol
 Concen: 75.82 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

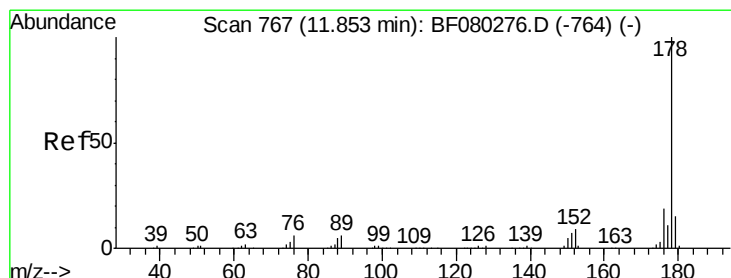
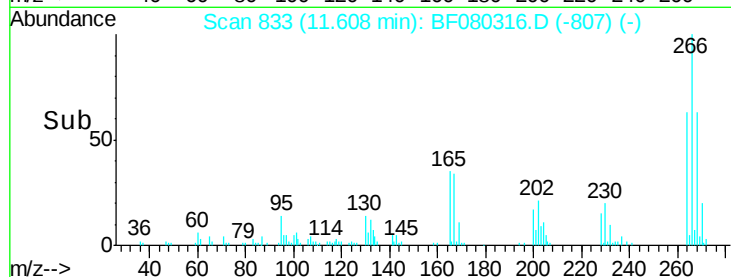
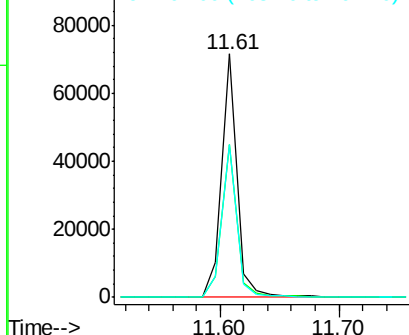
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.7	76.1
264	62.7	51.3	76.9

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:33:34 PM

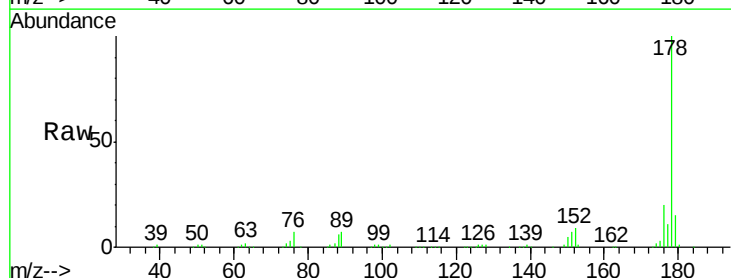


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

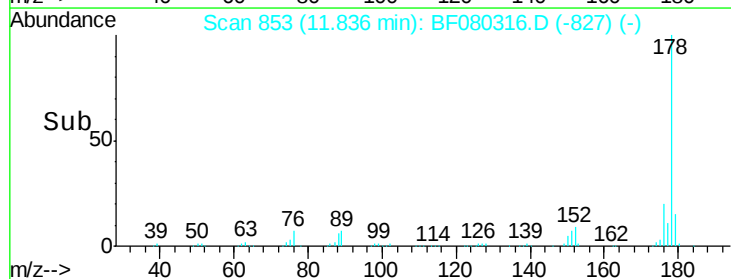
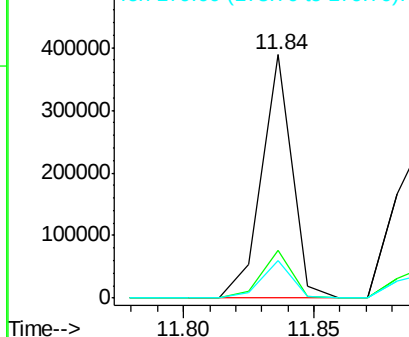


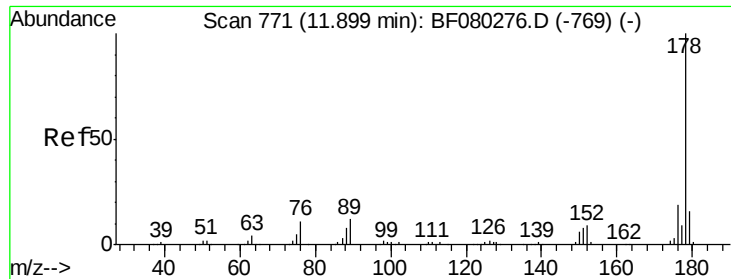
#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.2	12.2	18.2



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





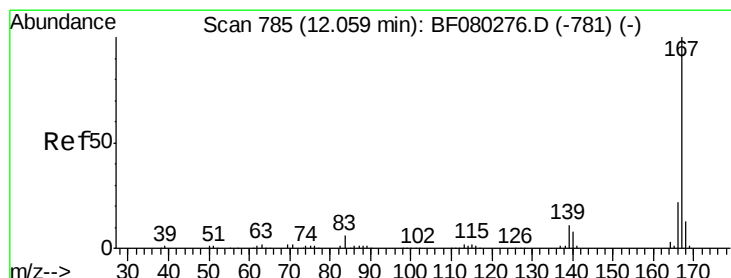
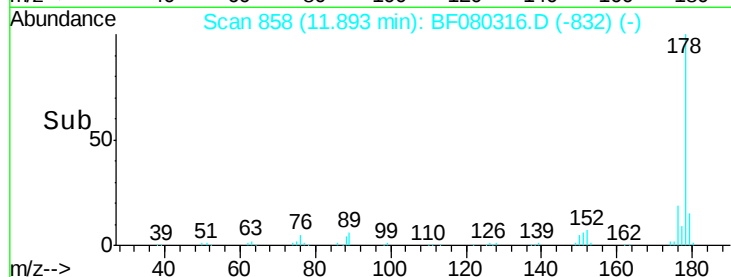
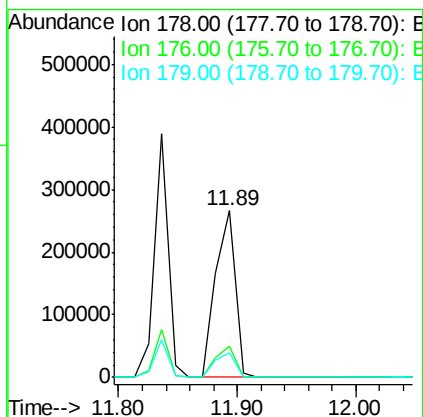
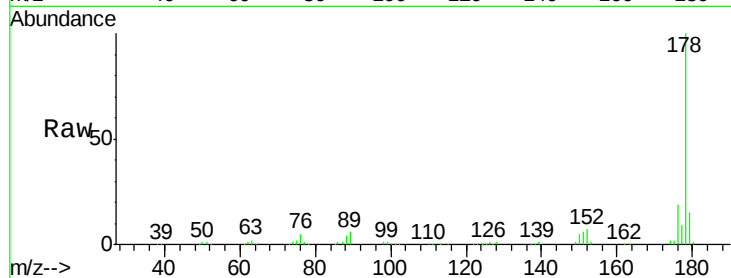
#71
 Anthracene
 Concen: 39.52 ng
 RT: 11.89 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	304103		
176	18.7	15.2	22.8	
179	14.6	12.6	18.8	

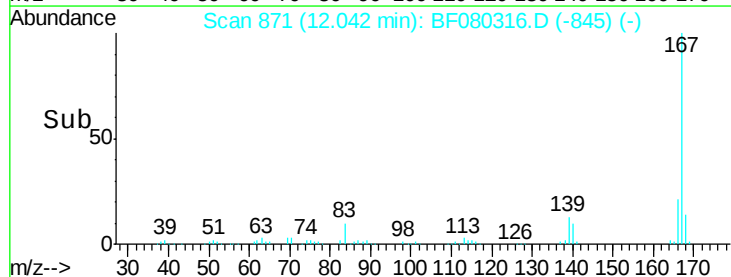
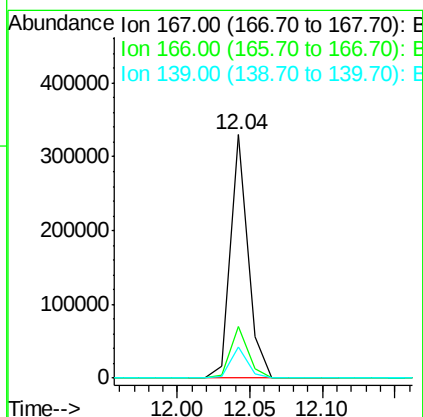
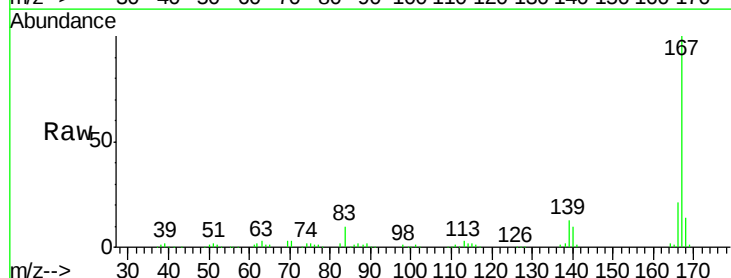
Manual Integrations
 APPROVED

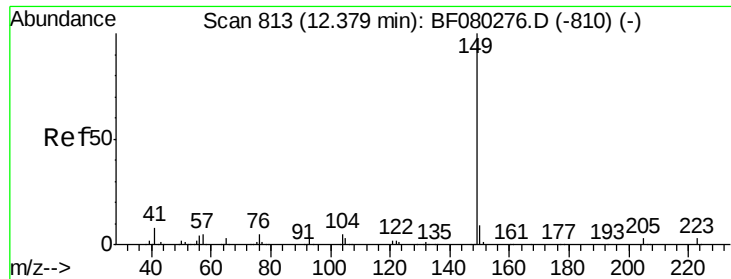
apatel
 7/6/2015 3:33:34 PM



#72
 Carbazole
 Concen: 38.62 ng
 RT: 12.04 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	277870		
166	21.4	17.3	25.9	
139	13.0	8.6	13.0#	





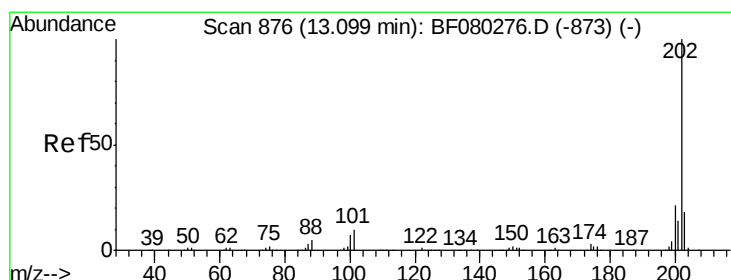
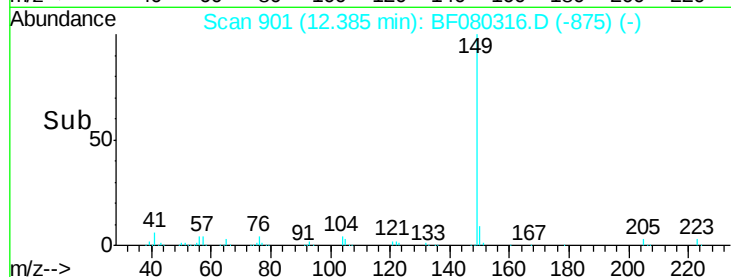
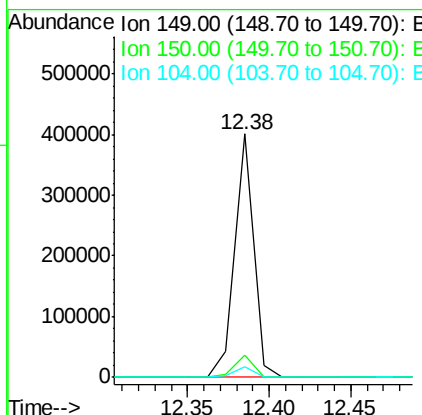
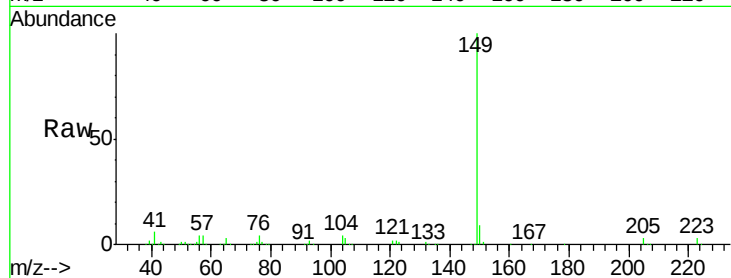
#73
Di-n-butylphthalate
Concen: 41.29 ng
RT: 12.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	318739		
150	9.3	7.4	11.0	
104	4.5	3.7	5.5	

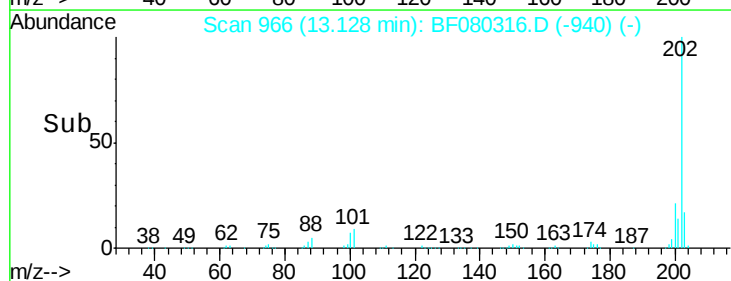
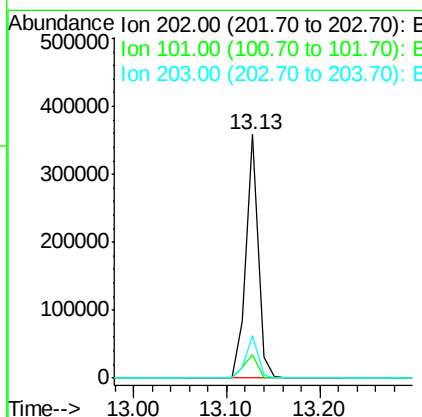
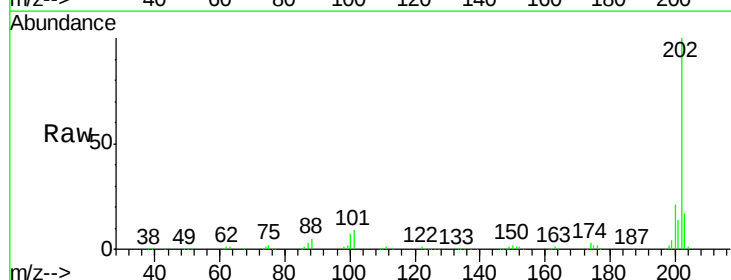
Manual Integrations
APPROVED

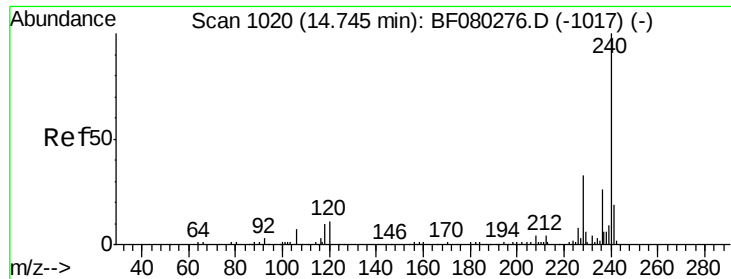
apatel
7/6/2015 3:33:34 PM



#74
Fluoranthene
Concen: 39.57 ng
RT: 13.13 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	327890		
101	9.4	0.0	30.4	
203	17.3	0.0	37.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.88 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

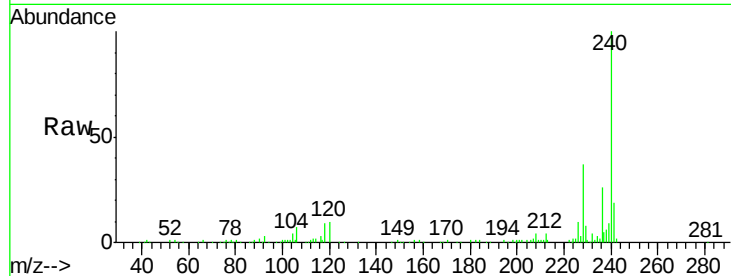
ClientSampleId :

PB84340BSD

Tgt Ion:	240	Resp:	144379
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.7	13.1
236	26.2	20.9	31.3

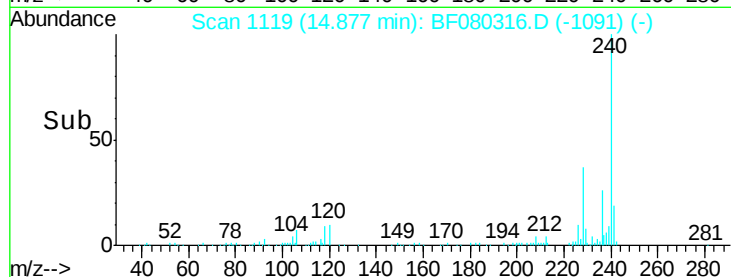
Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM

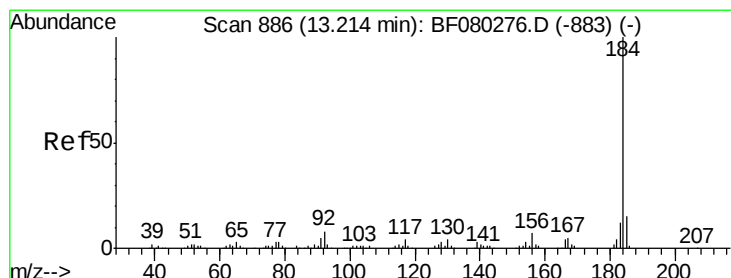


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.88



Time-->



#76

Benzidine

Concen: 44.65 ng

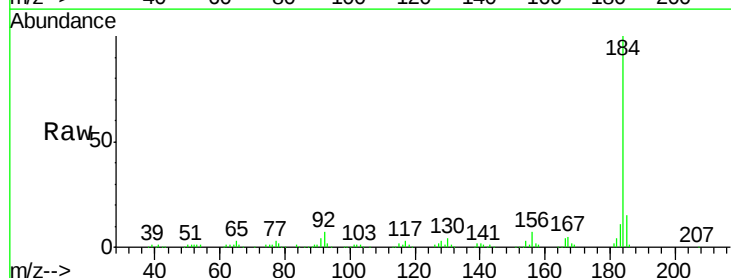
RT: 13.25 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF080316.D

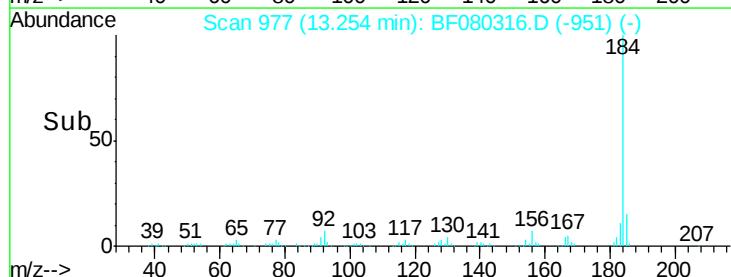
Acq: 2 Jul 2015 19:00

Tgt Ion:	184	Resp:	188762
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.6
183	11.1	9.4	14.0

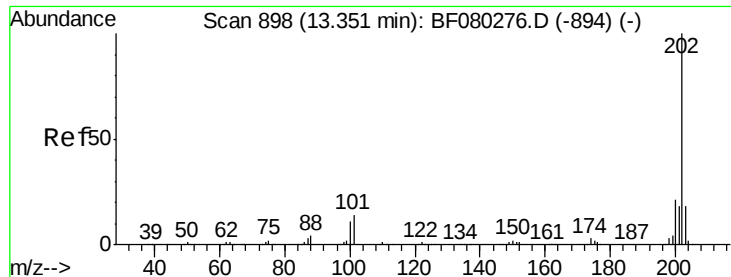


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

13.25



Time-->



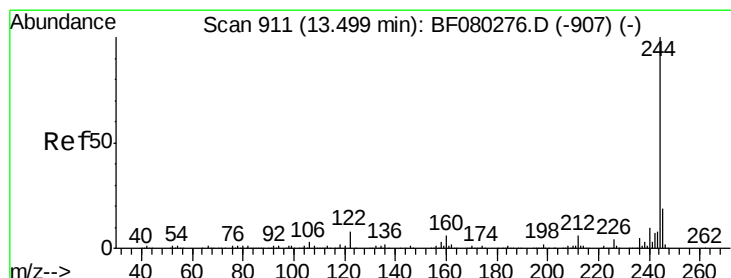
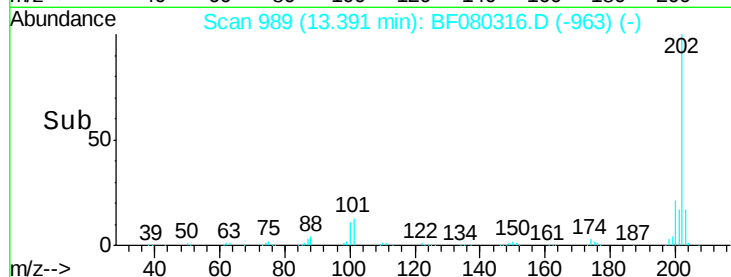
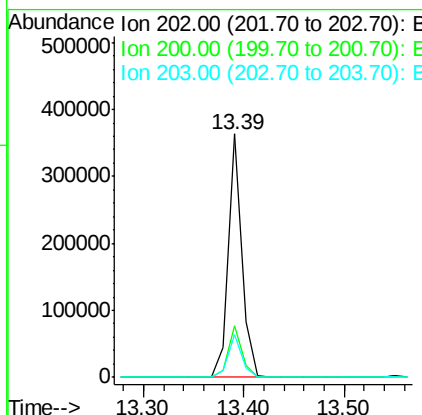
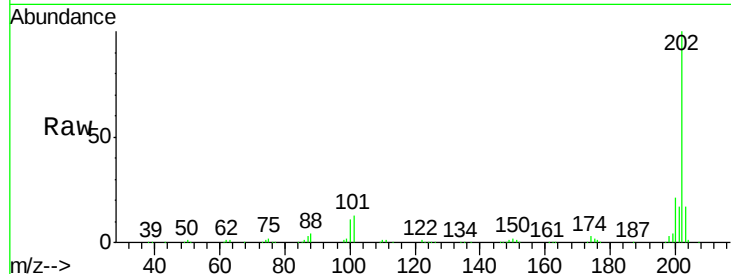
#77
 Pyrene
 Concen: 36.96 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleID :
 PB84340BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.0	17.0	25.6
203	17.4	14.0	21.0

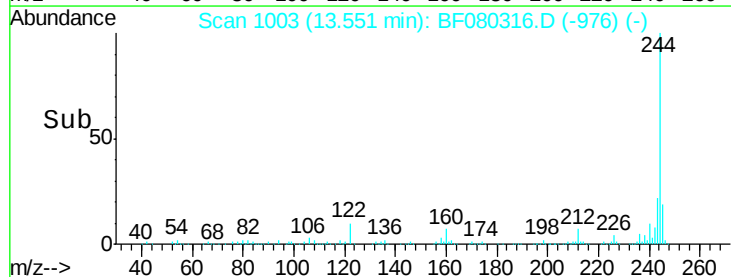
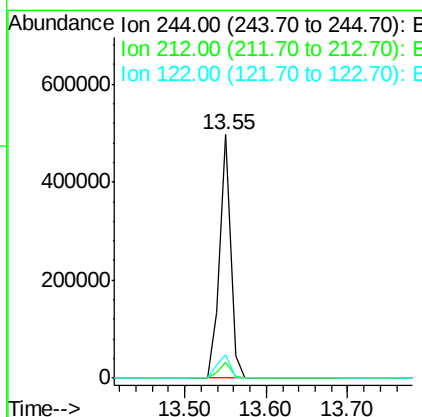
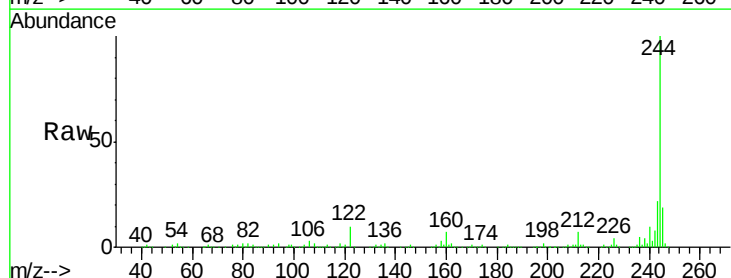
Manual Integrations
 APPROVED

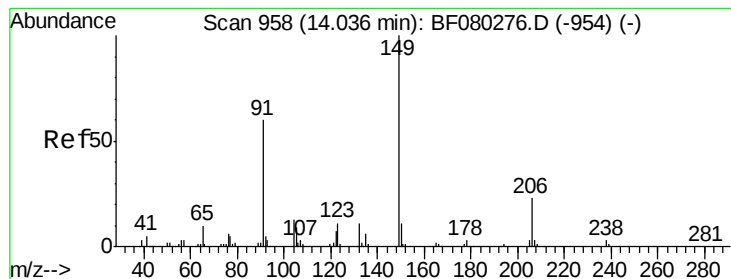
apatel
 7/6/2015 3:33:34 PM



#78
 Terphenyl-d14
 Concen: 76.09 ng
 RT: 13.55 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.0	7.6
122	9.5	6.6	9.8





#79

Butylbenzylphthalate

Concen: 37.38 ng

RT: 14.12 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF080316.D

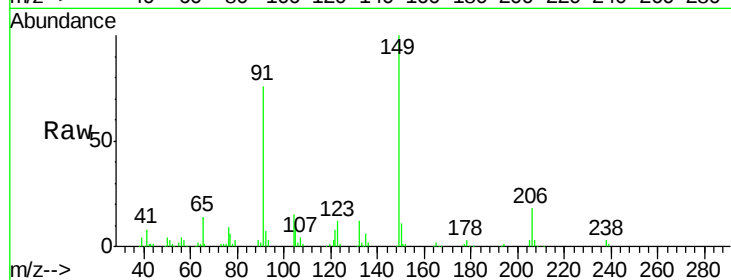
Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB84340BSD



Tgt Ion:149 Resp: 132439

Ion Ratio Lower Upper

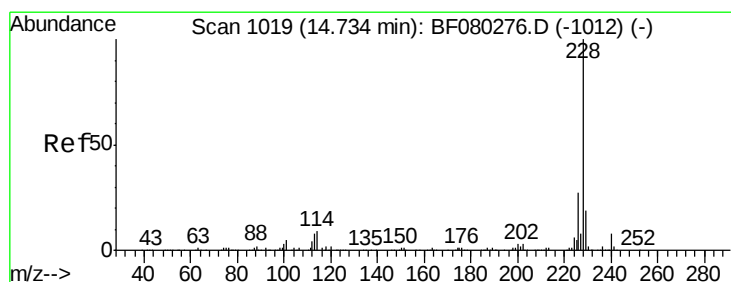
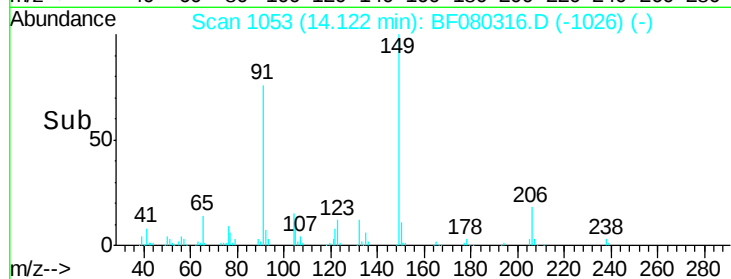
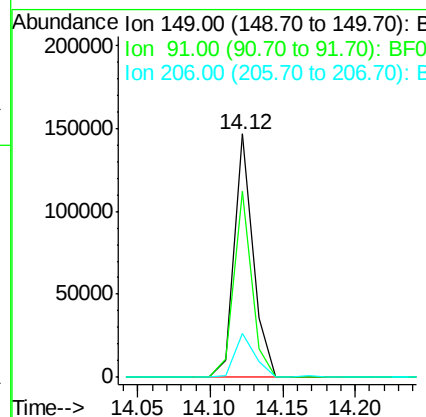
149 100

91 76.4 48.1 72.1#

206 18.3 18.1 27.1

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



#80

Benzo(a)anthracene

Concen: 38.32 ng

RT: 14.87 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

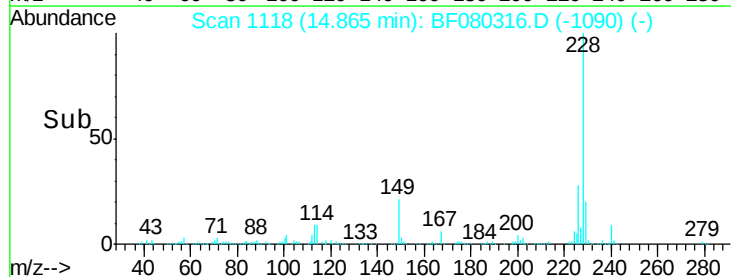
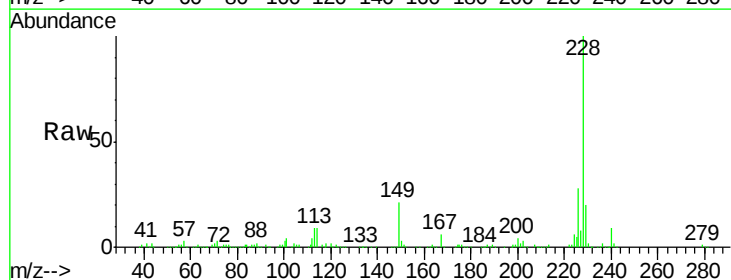
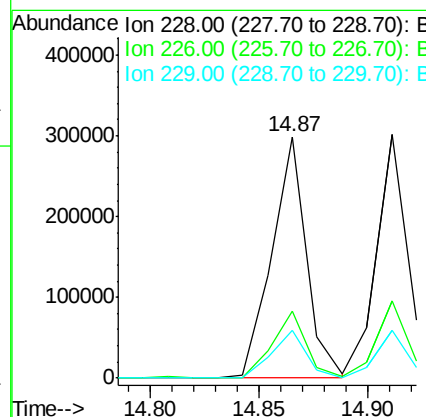
Tgt Ion:228 Resp: 334363

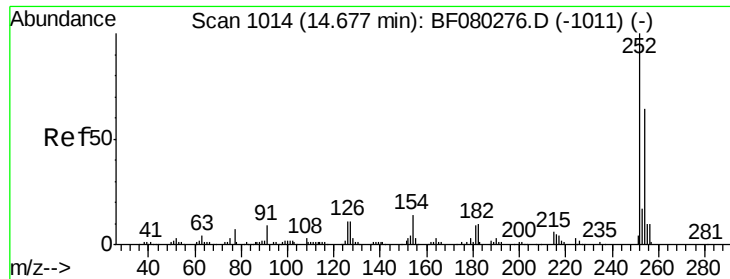
Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

229 19.6 15.5 23.3





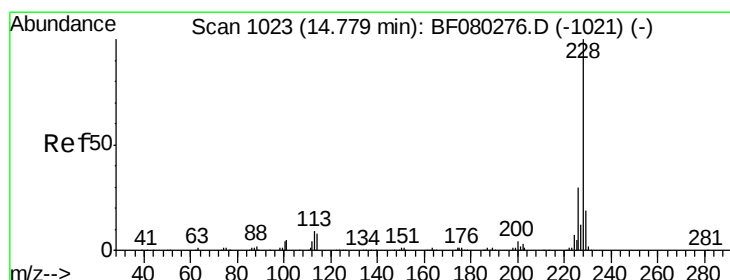
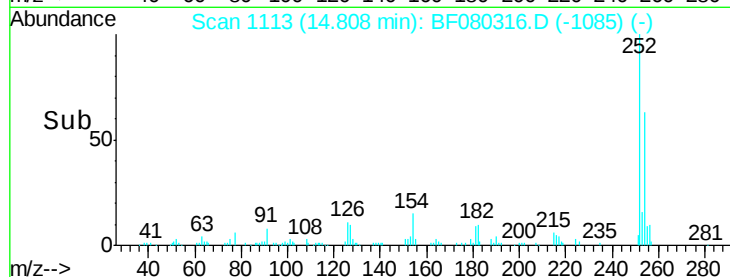
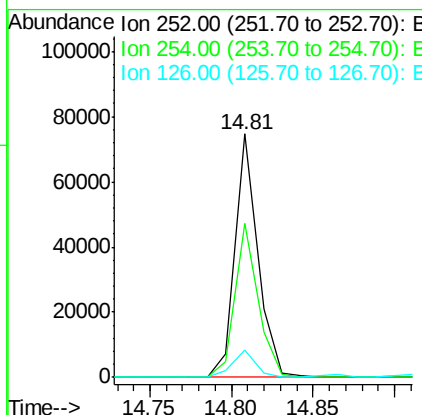
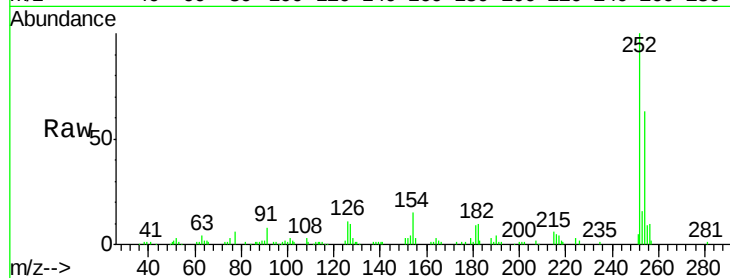
#81
 3,3'-Dichlorobenzidine
 Concen: 25.20 ng
 RT: 14.81 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.8	76.2
126	11.1	9.0	13.6

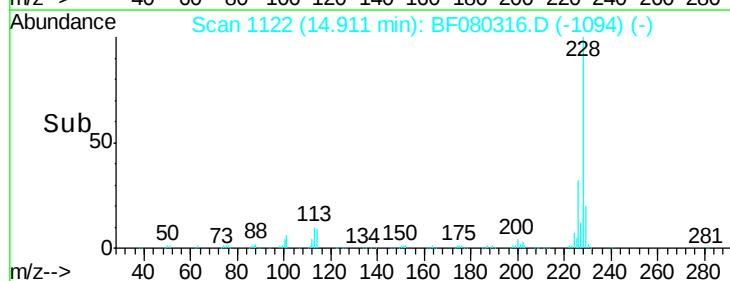
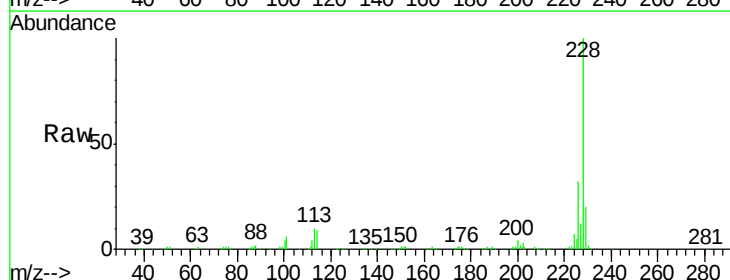
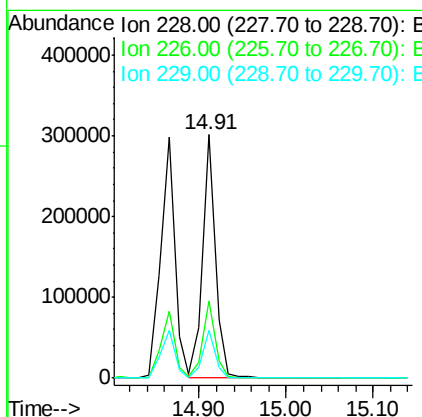
Manual Integrations
 APPROVED

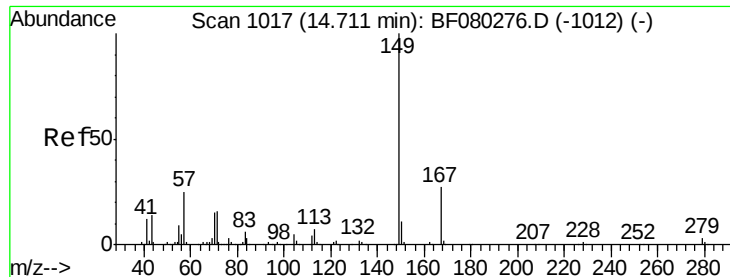
apatel
 7/6/2015 3:33:34 PM



#82
 Chrysene
 Concen: 38.32 ng
 RT: 14.91 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	19.7	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.50 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Instrument :

BNA_F

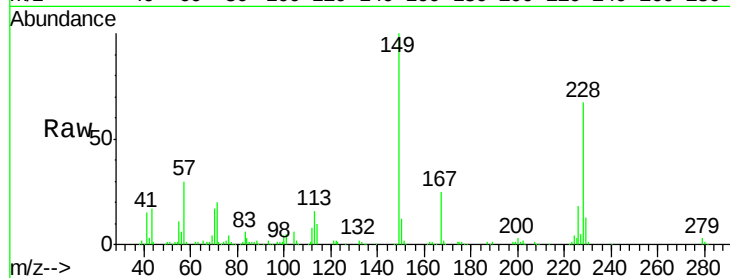
ClientSampleId :

PB84340BSD

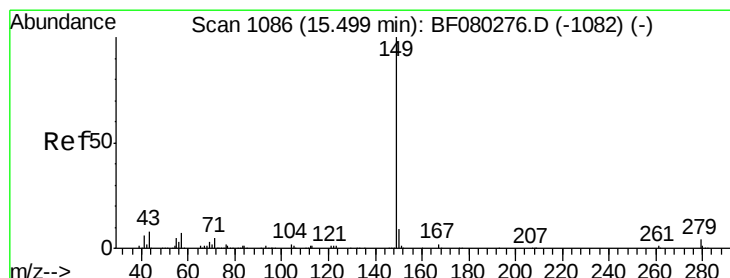
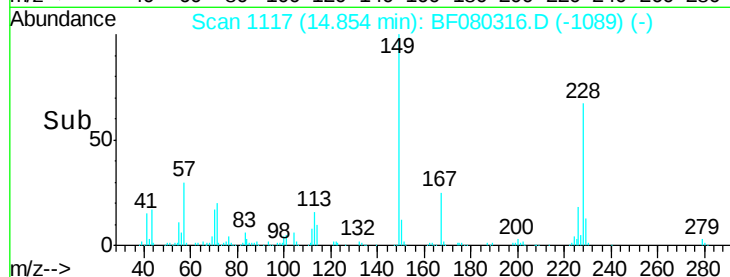
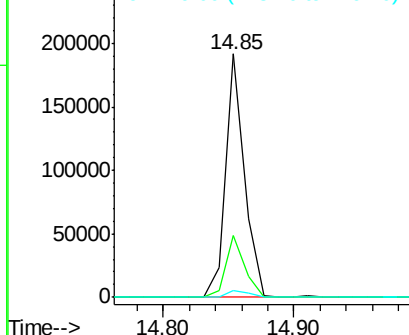
Tgt Ion:	149	Resp:	192009
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.7	32.5
279	2.8	2.7	4.1

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM



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



#84

Di-n-octyl phthalate

Concen: 38.31 ng

RT: 15.71 min Scan# 1192

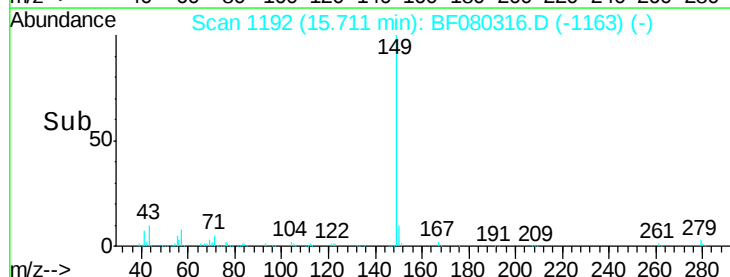
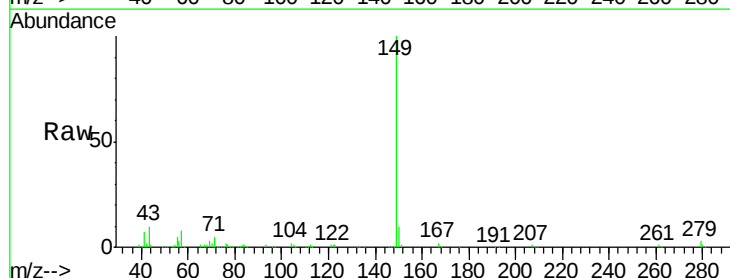
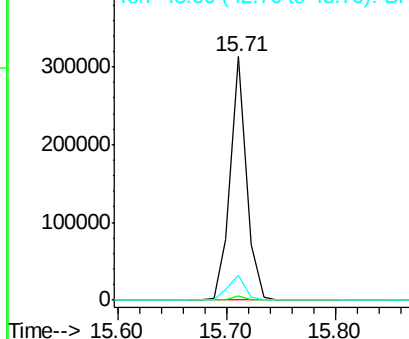
Delta R.T. 0.03 min

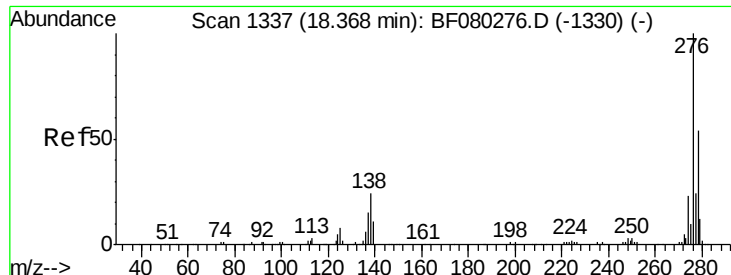
Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Tgt Ion:	149	Resp:	321981
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.4	8.3	12.5

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





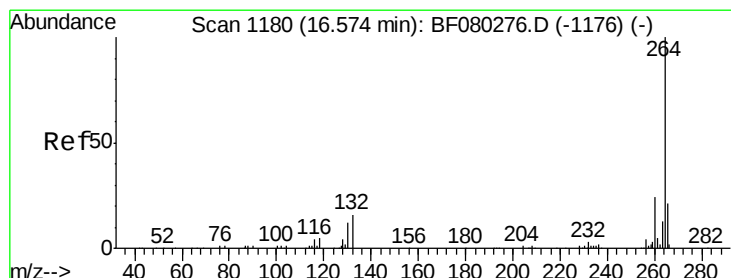
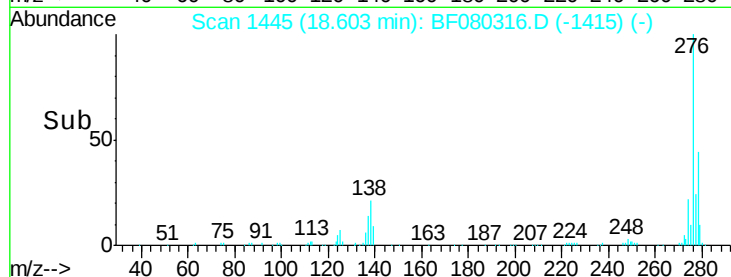
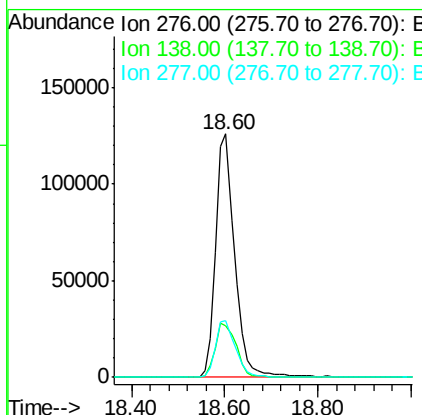
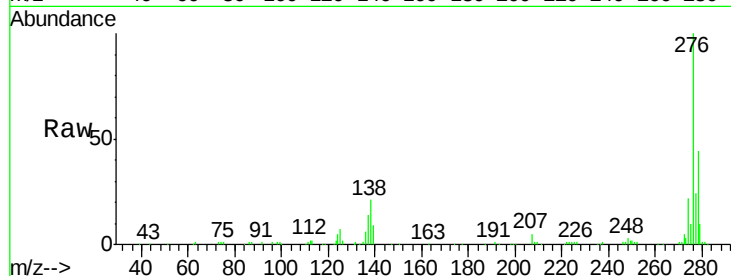
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.29 ng
 RT: 18.60 min Scan# 1445
 Delta R.T. 0.05 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	355273		
138	24.8	21.0	31.6	
277	24.5	19.4	29.0	

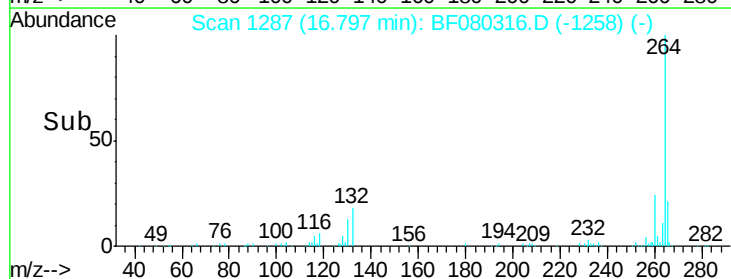
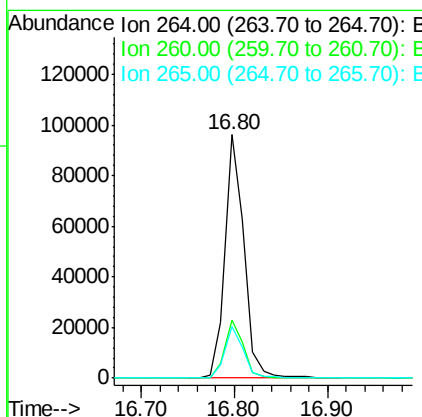
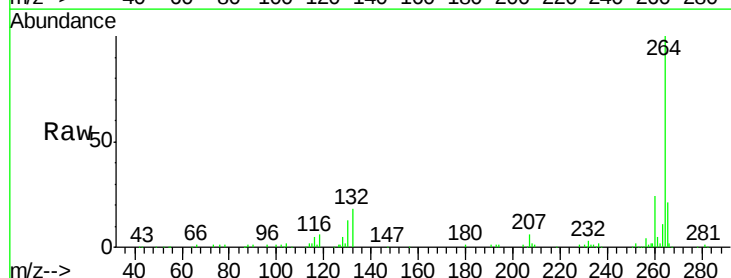
Manual Integrations
 APPROVED

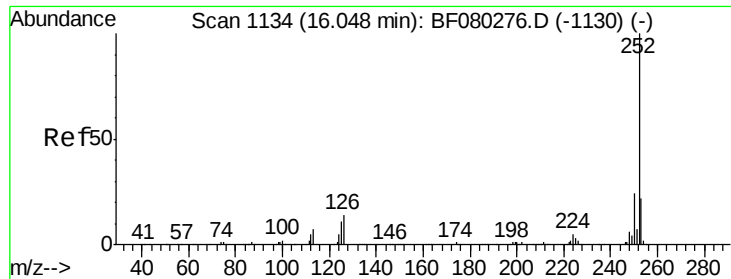
apatel
 7/6/2015 3:33:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.03 min
 Lab File: BF080316.D
 Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	136102		
260	24.0	19.2	28.8	
265	21.4	16.9	25.3	





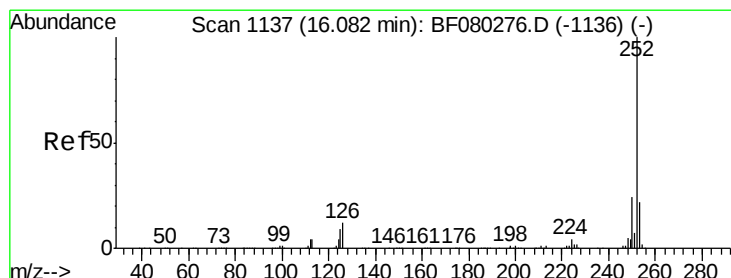
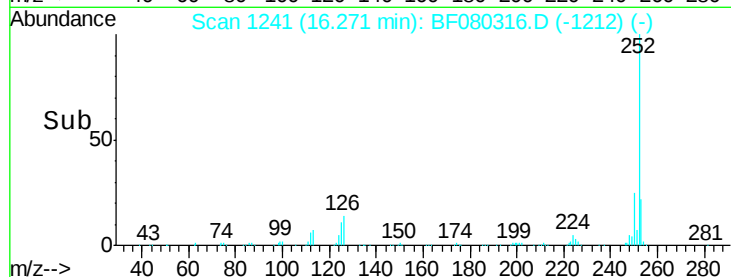
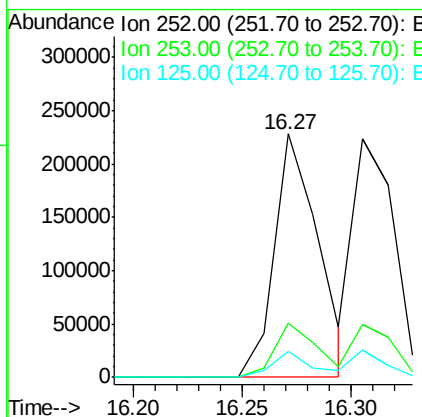
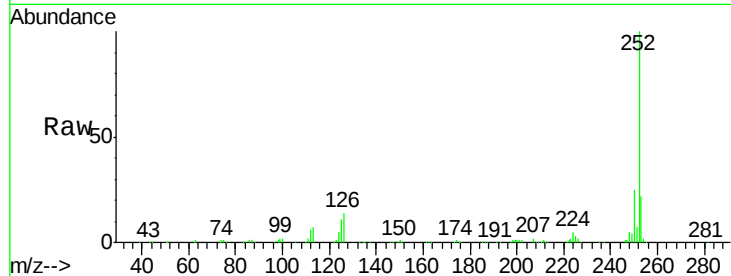
#87
Benzo(b)fluoranthene
Concen: 37.56 ng
RT: 16.27 min Scan# 1241
Delta R.T. 0.03 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.9	8.6	12.8

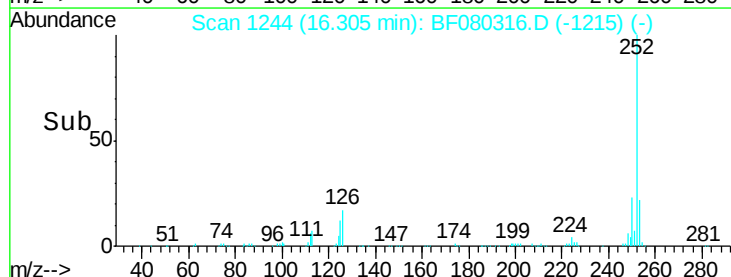
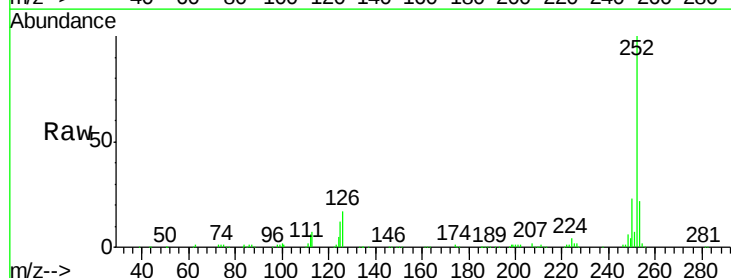
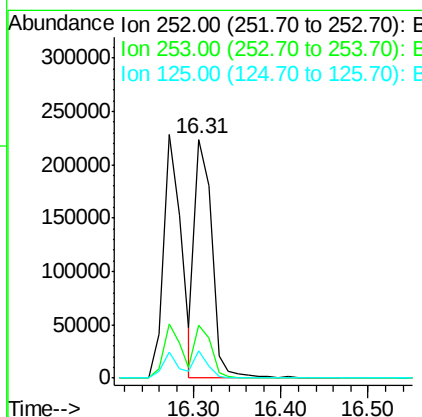
Manual Integrations
APPROVED

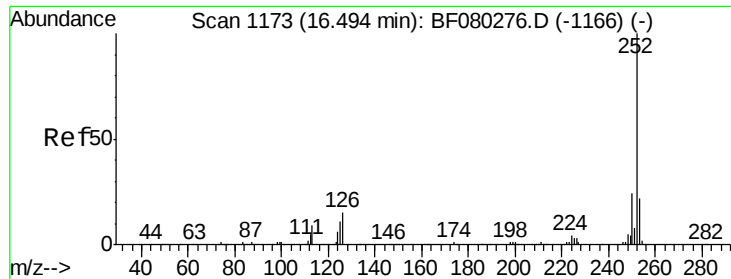
apatel
7/6/2015 3:33:34 PM



#88
Benzo(k)fluoranthene
Concen: 37.47 ng
RT: 16.31 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.7	8.4	12.6





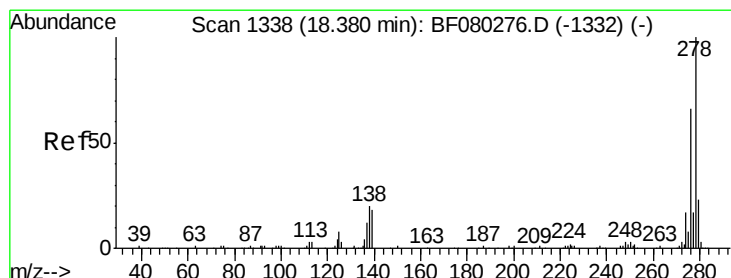
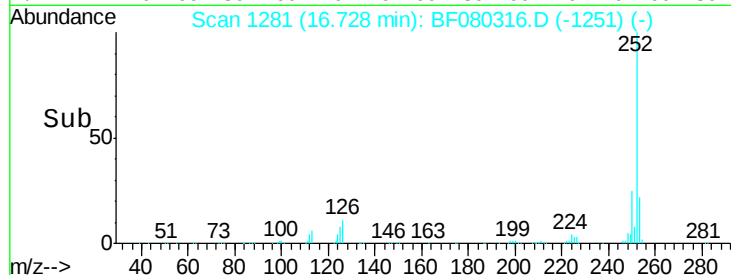
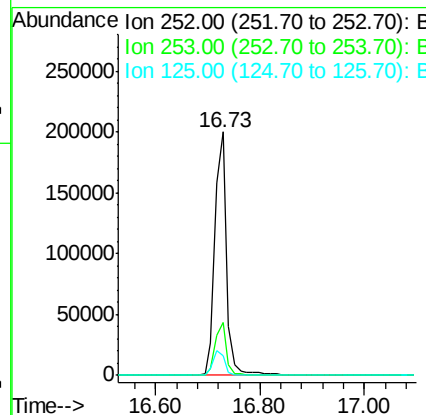
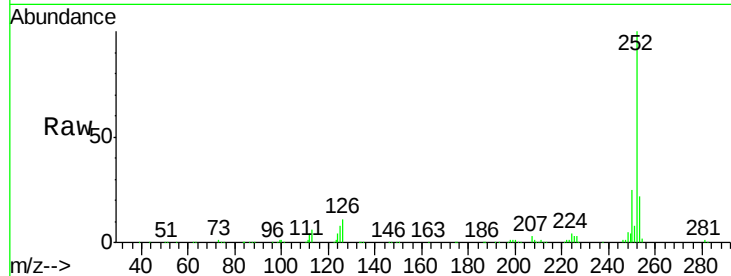
#89
Benzo(a)pyrene
Concen: 39.72 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.05 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB84340BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	8.2	9.0	13.4

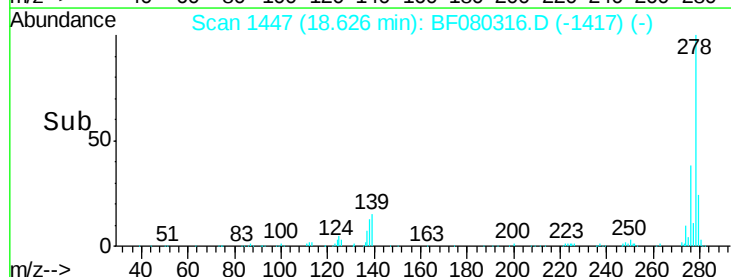
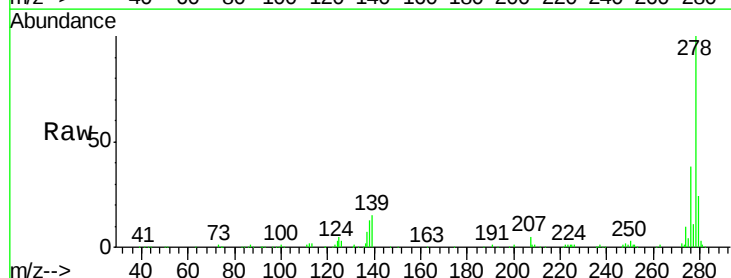
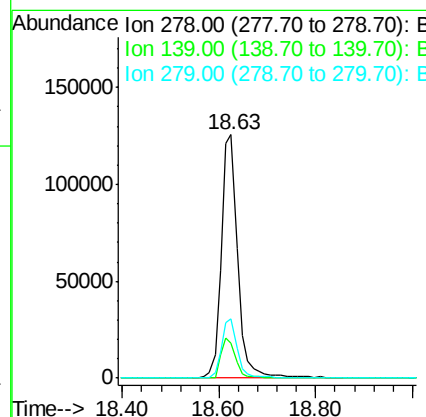
Manual Integrations
APPROVED

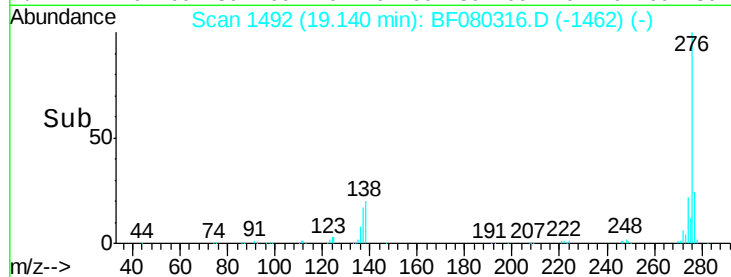
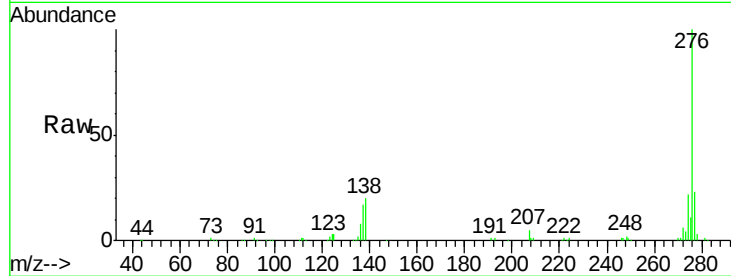
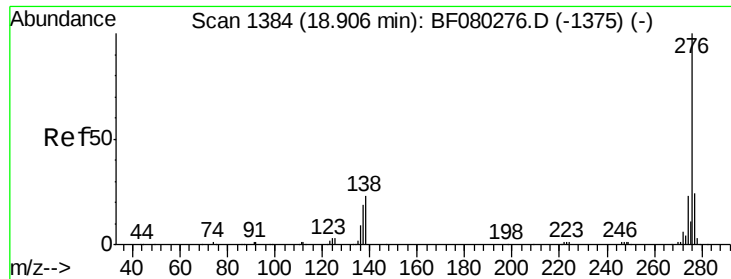
apatel
7/6/2015 3:33:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.84 ng
RT: 18.63 min Scan# 1447
Delta R.T. 0.05 min
Lab File: BF080316.D
Acq: 2 Jul 2015 19:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	14.6	21.8
279	24.3	18.7	28.1





#91

Benzo(g,h,i)perylene

Concen: 38.95 ng

RT: 19.14 min Scan# 1492

Delta R.T. 0.05 min

Lab File: BF080316.D

Acq: 2 Jul 2015 19:00

Tgt Ion:	276	Resp:	298723
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.6
138	20.2	18.1	27.1

Instrument :

BNA_F

ClientSampleId :

PB84340BSD

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:34 PM

