

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
 Data File : BF077163.D
 Acq On : 3 Feb 2015 16:00
 Operator : TP/IZ
 Sample : PB81581BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Manual Integrations
 APPROVED

apatel
 2/4/2015 1:54:24 PM

Quant Time: Feb 04 01:08:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:59:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25020	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	109768	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	52202	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	100112	20.00	ng	0.00
75) Chrysene-d12	21.09	240	95726	20.00	ng	0.00
86) Perylene-d12	22.88	264	86602	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.69	112	183701	120.72	ng	0.00
7) Phenol-d6	7.08	99	234728	122.27	ng	0.00
23) Nitrobenzene-d5	8.99	82	145181	73.27	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	54708	129.11	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	304984	88.91	ng	0.00
78) Terphenyl-d14	19.81	244	342373	82.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.12	88	19831	30.43	ng	97
3) Pyridine	1.56	79	53112	31.50	ng	90
4) n-Nitrosodimethylamine	1.52	42	32952	39.45	ng	89
6) Aniline	6.97	93	46022	17.32	ng	98
8) 2-Chlorophenol	7.21	128	65833	37.53	ng	97
9) Benzaldehyde	6.72	77	5168	3.56	ng	91
10) Phenol	7.12	94	73144	35.88	ng	96
11) bis(2-Chloroethyl)ether	7.23	93	61449	38.53	ng	# 73
12) 1,3-Dichlorobenzene	7.53	146	72254	36.20	ng	97
13) 1,4-Dichlorobenzene	7.72	146	71952	34.00	ng	98
14) 1,2-Dichlorobenzene	8.03	146	71005	36.41	ng	98
15) Benzyl Alcohol	8.13	79	57624	37.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	79383	37.02	ng	96
17) 2-Methylphenol	8.48	107	50419	35.17	ng	94
18) Hexachloroethane	8.77	117	26711	36.28	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	47955	35.69	ng	98
20) 3+4-Methylphenols	8.86	107	59603	31.40	ng	97
22) Acetophenone	8.68	105	98144	36.50	ng	99
24) Nitrobenzene	9.02	77	68266	33.82	ng	94
25) Isophorone	9.63	82	124493	34.50	ng	98
26) 2-Nitrophenol	9.77	139	30082	29.80	ng	# 78
27) 2,4-Dimethylphenol	10.05	122	56718	36.34	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	77314	37.70	ng	99
29) 2,4-Dichlorophenol	10.39	162	47672	32.77	ng	93
30) 1,2,4-Trichlorobenzene	10.50	180	56444	34.93	ng	94
31) Naphthalene	10.64	128	194701	34.45	ng	98
32) Benzoic acid	10.45	122	11926	13.79	ng	97
33) 4-Chloroaniline	10.90	127	42402	18.57	ng	99
34) Hexachlorobutadiene	11.00	225	33603	35.05	ng	99
35) Caprolactam	11.73	113	12997	30.35	ng	# 83
36) 4-Chloro-3-methylphenol	12.20	107	55613	33.39	ng	99
37) 2-Methylnaphthalene	12.29	142	139748	36.21	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	56272	43.60	ng	93
40) Hexachlorocyclopentadiene	12.68	237	56915	81.81	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
 Data File : BF077163.D
 Acq On : 3 Feb 2015 16:00
 Operator : TP/IZ
 Sample : PB81581BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Manual Integrations
 APPROVED

apatel
 2/4/2015 1:54:24 PM

Quant Time: Feb 04 01:08:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:59:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	34098	36.26	ng	97
43) 2,4,5-Trichlorophenol	13.14	196	29154	30.40	ng	# 92
45) 1,1'-Biphenyl	13.45	154	161841	41.82	ng	98
46) 2-Chloronaphthalene	13.41	162	130448	40.96	ng	97
47) 2-Nitroaniline	13.77	65	37508	38.82	ng	94
48) Acenaphthylene	14.36	152	210427	39.17	ng	98
49) Dimethylphthalate	14.33	163	159941	43.20	ng	98
50) 2,6-Dinitrotoluene	14.42	165	30973	41.88	ng	# 84
51) Acenaphthene	14.79	154	117935	38.70	ng	96
52) 3-Nitroaniline	14.77	138	24568	26.29	ng	100
53) 2,4-Dinitrophenol	15.06	184	17476	54.70	ng	# 90
54) Dibenzofuran	15.22	168	183546	41.34	ng	98
55) 4-Nitrophenol	15.38	139	29600	51.01	ng	89
56) 2,4-Dinitrotoluene	15.36	165	45518	41.36	ng	# 95
57) Fluorene	15.97	166	149469	39.74	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	23266	33.32	ng	94
59) Diethylphthalate	15.99	149	166215	44.42	ng	99
60) 4-Chlorophenyl-phenylether	16.07	204	64966	42.21	ng	97
61) 4-Nitroaniline	16.13	138	32718	35.48	ng	96
62) Azobenzene	16.36	77	168838	43.31	ng	97
64) 4,6-Dinitro-2-methylphenol	16.20	198	18494	30.07	ng	# 69
65) n-Nitrosodiphenylamine	16.32	169	128025	35.86	ng	97
66) 4-Bromophenyl-phenylether	16.93	248	38228	37.69	ng	97
67) Hexachlorobenzene	16.95	284	39057	36.54	ng	# 86
68) Atrazine	17.32	200	45001	41.54	ng	97
69) Pentachlorophenol	17.32	266	21870	47.67	ng	98
70) Phenanthrene	17.60	178	225990	36.20	ng	98
71) Anthracene	17.68	178	224916	36.94	ng	99
72) Carbazole	17.97	167	215025	36.41	ng	99
73) Di-n-butylphthalate	18.57	149	274642	40.18	ng	98
74) Fluoranthene	19.25	202	241460	37.74	ng	99
76) Benzidine	19.51	184	95045	31.03	ng	99
77) Pyrene	19.54	202	255222	38.90	ng	99
79) Butylbenzylphthalate	20.48	149	120551	40.57	ng	87
80) Benzo(a)anthracene	21.08	228	223357	37.19	ng	99
81) 3,3'-Dichlorobenzidine	21.09	252	48737	25.54	ng	96
82) Chrysene	21.13	228	212059	38.72	ng	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	176076	42.83	ng	# 97
84) Di-n-octyl phthalate	22.07	149	311070	43.60	ng	100
85) Indeno(1,2,3-cd)pyrene	24.13	276	210031	36.18	ng	# 83
87) Benzo(b)fluoranthene	22.42	252	203407m	34.87	ng	
88) Benzo(k)fluoranthene	22.45	252	207981m	40.81	ng	
89) Benzo(a)pyrene	22.81	252	197793	38.44	ng	# 98
90) Dibenzo(a,h)anthracene	24.17	278	179355	37.99	ng	97
91) Benzo(g,h,i)perylene	24.43	276	176605	37.63	ng	98

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

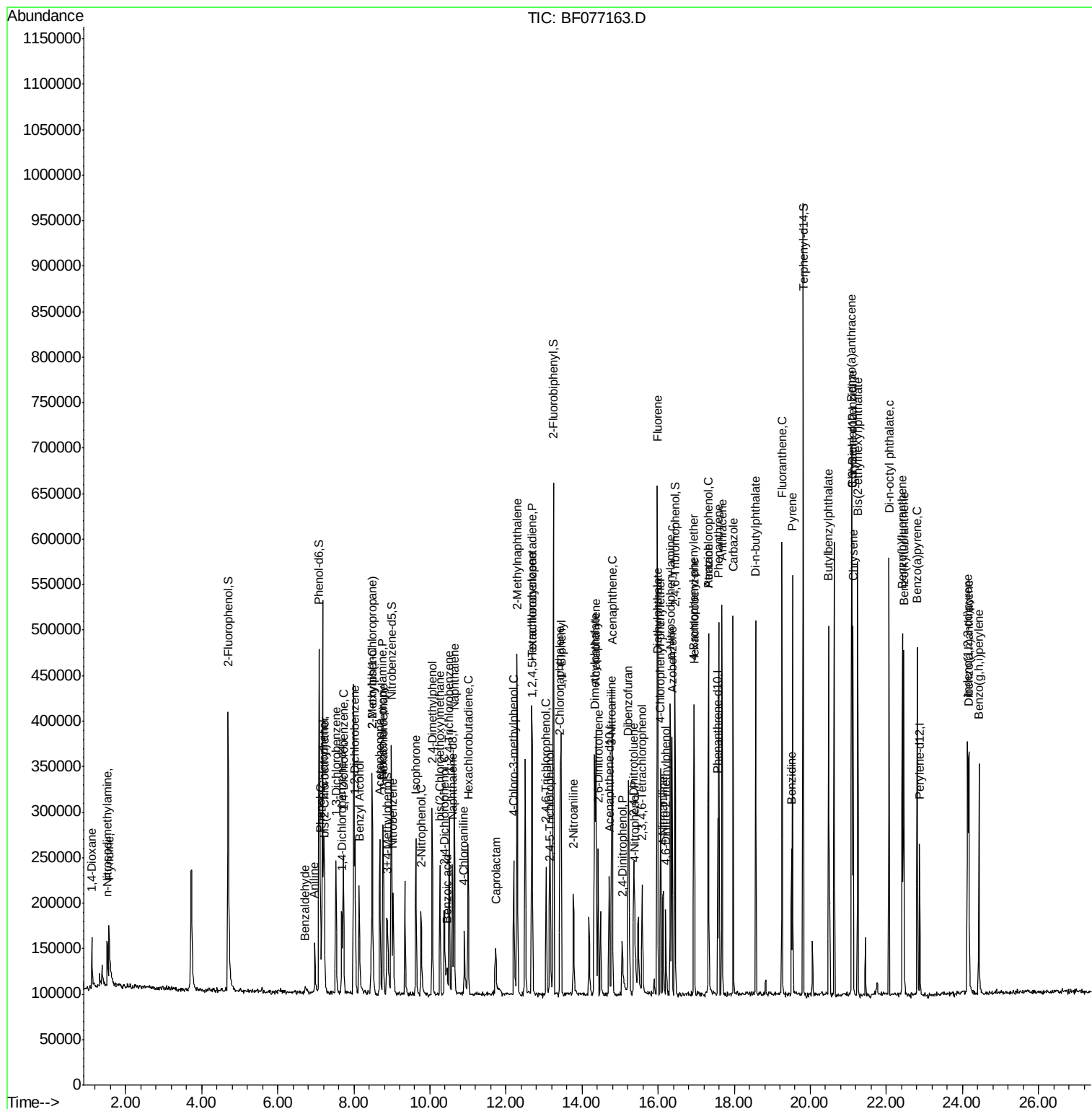
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077163.D
Acq On    : 3 Feb 2015 16:00
Operator  : TP/IZ
Sample    : PB81581BS
Misc      :
ALS Vial  : 4 Sample Multiplier: 1
```

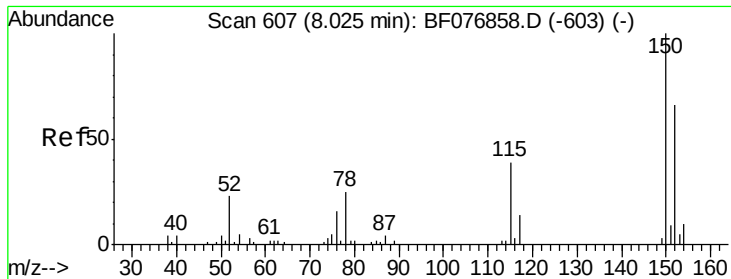
Instrument :
BNA_F
ClientSampleId :
PB81581BS

Manual Integrations APPROVED

apatel
2/4/2015 1:54:24 PM

Quant Time: Feb 04 01:08:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:59:35 2015
Response via : Initial Calibration





#1

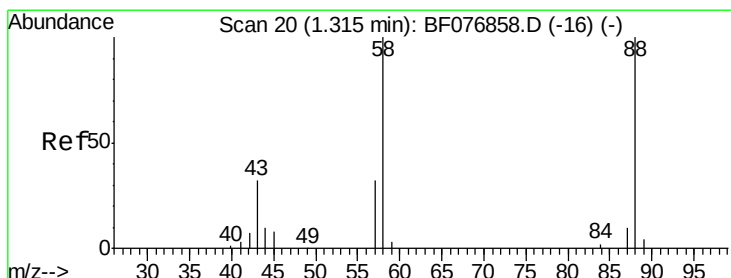
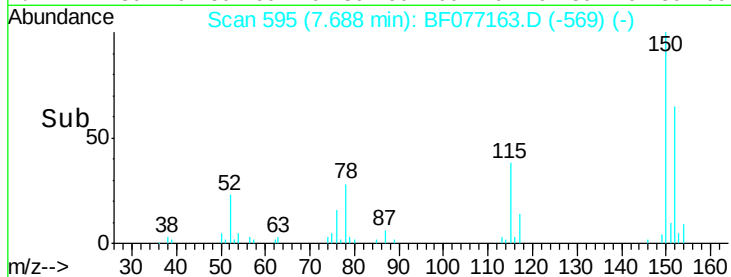
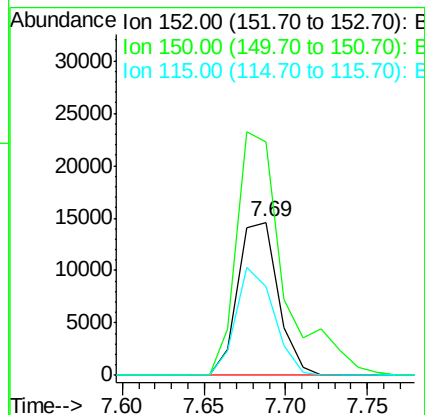
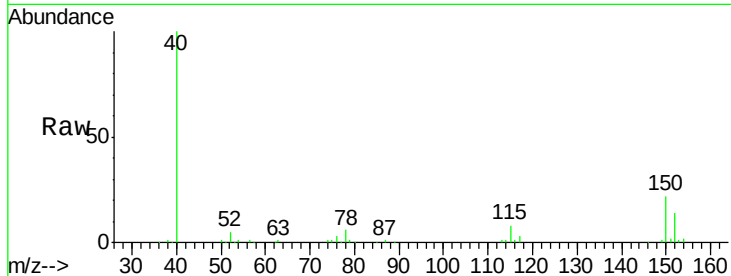
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	121.7	182.5
115	57.6	47.0	70.6

Manual Integrations
APPROVED

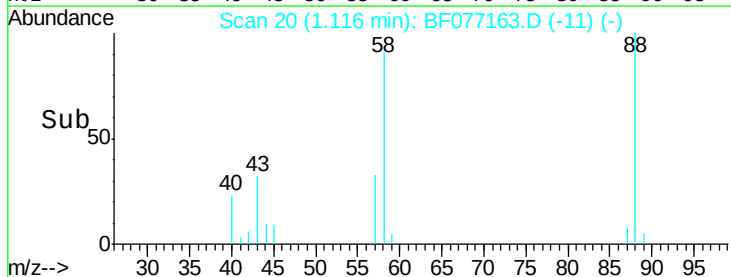
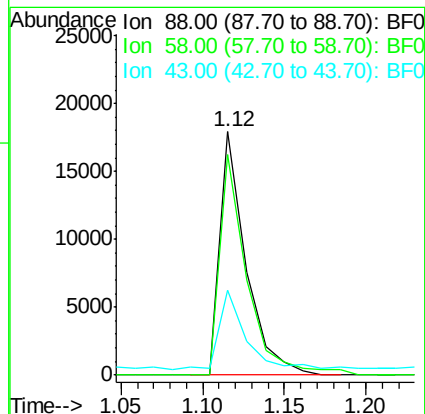
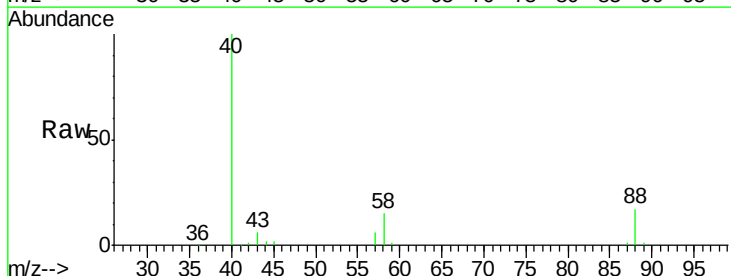
apatel
2/4/2015 1:54:24 PM

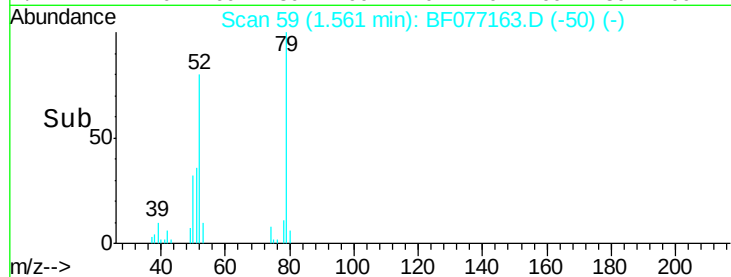
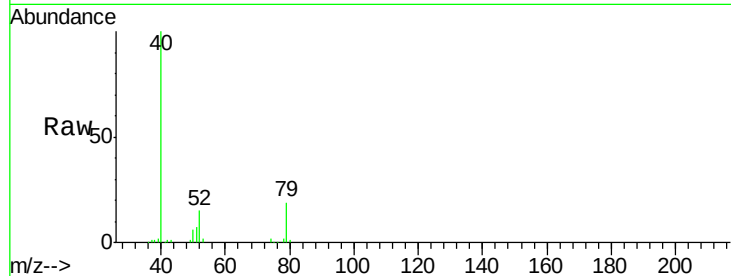
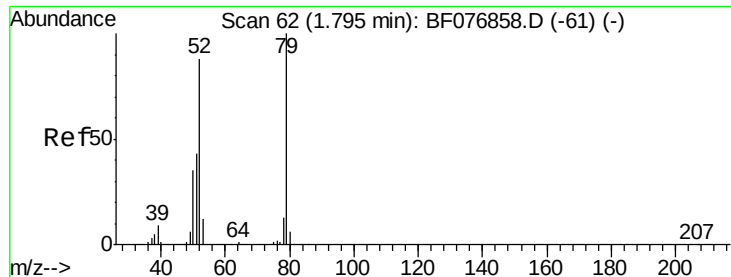


#2

1,4-Dioxane
Concen: 30.43 ng
RT: 1.12 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	77.0	115.4
43	35.4	25.6	38.4





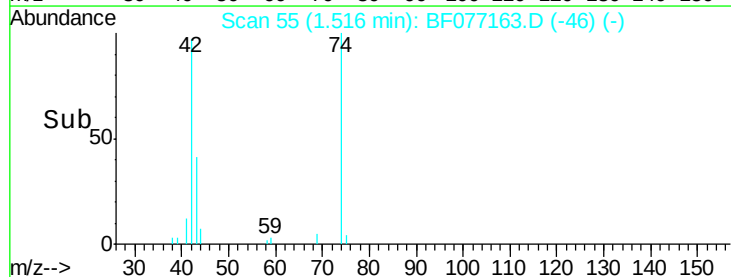
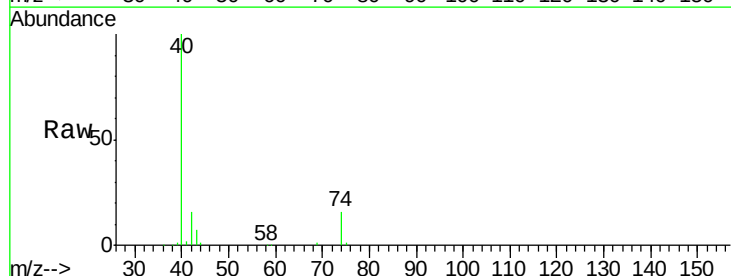
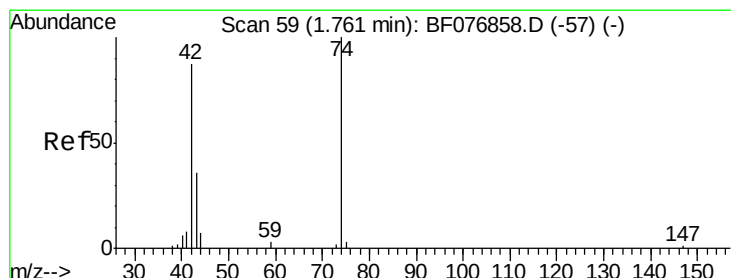
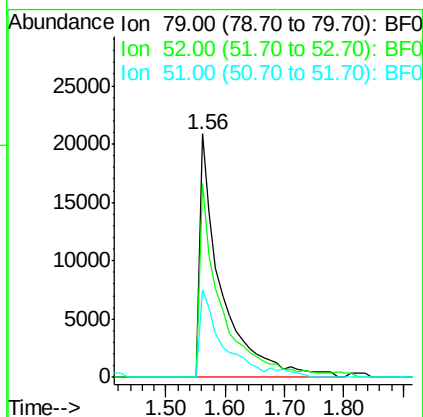
#3
 Pyridine
 Concen: 31.50 ng
 RT: 1.56 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
79	100		
52	79.8	70.1	105.1
51	36.1	35.1	52.7

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

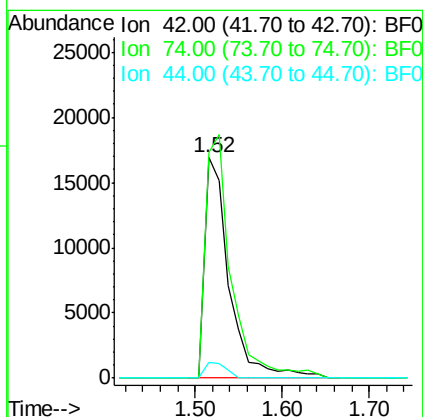
Manual Integrations
 APPROVED

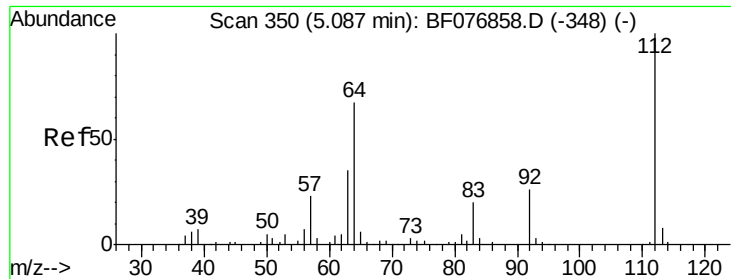
apatel
 2/4/2015 1:54:24 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.45 ng
 RT: 1.52 min Scan# 55
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.6	92.4	138.6
44	7.2	6.2	9.2





#5

2-Fluorophenol

Concen: 120.72 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077163.D

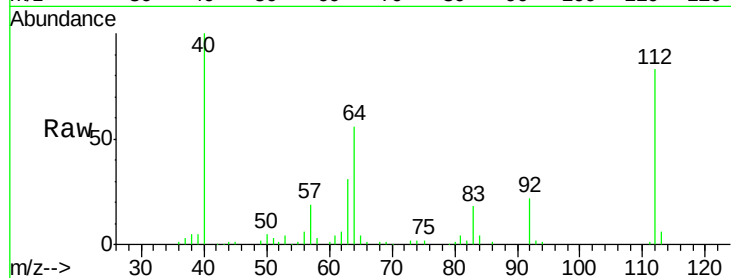
Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

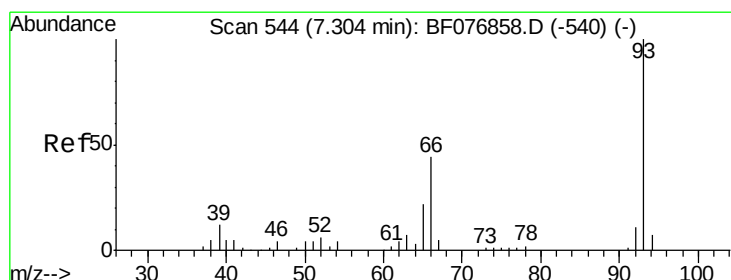
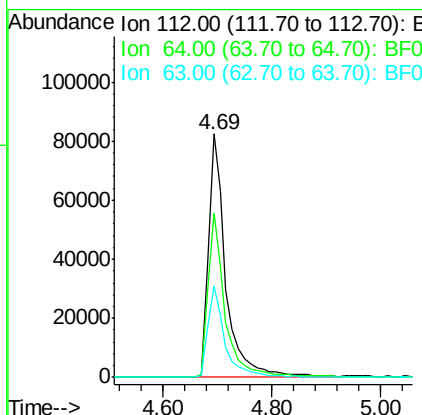
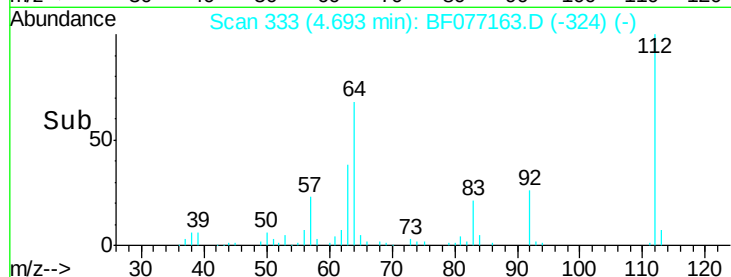
PB81581BS



Tgt Ion:	112	Resp:	183701
Ion Ratio	Lower	Upper	
112	100		
64	67.7	54.2	81.4
63	37.7	28.4	42.6

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#6

Aniline

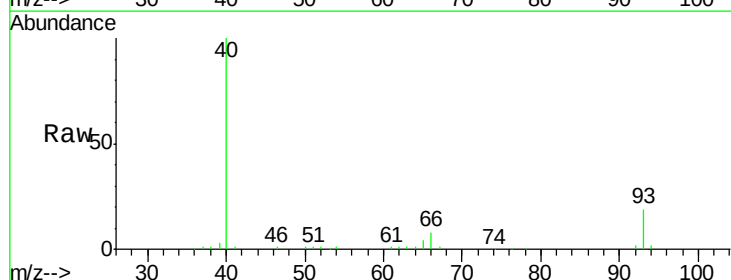
Concen: 17.32 ng

RT: 6.97 min Scan# 532

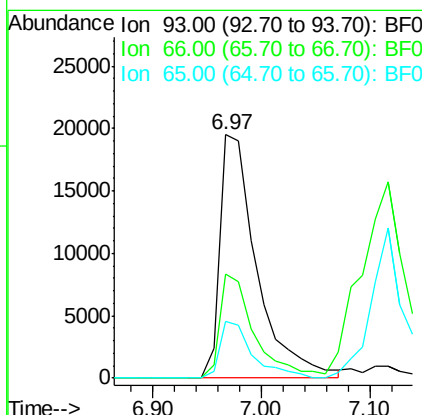
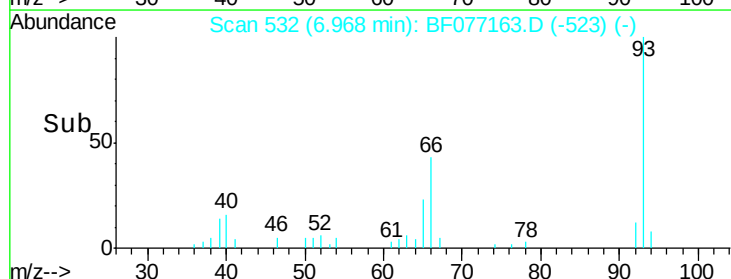
Delta R.T. 0.00 min

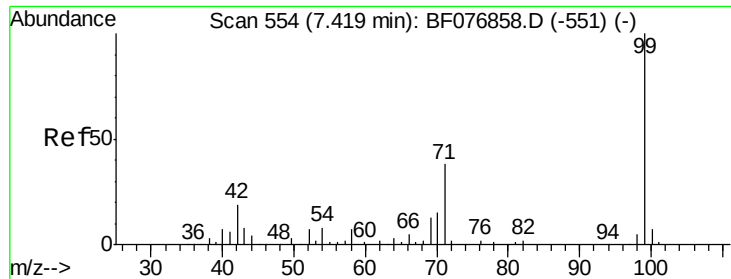
Lab File: BF077163.D

Acq: 3 Feb 2015 16:00



Tgt Ion:	93	Resp:	46022
Ion Ratio	Lower	Upper	
93	100		
66	42.9	35.0	52.4
65	23.1	17.7	26.5





#7

Phenol-d6

Concen: 122.27 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

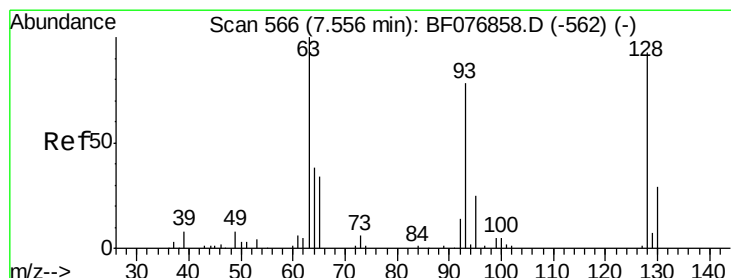
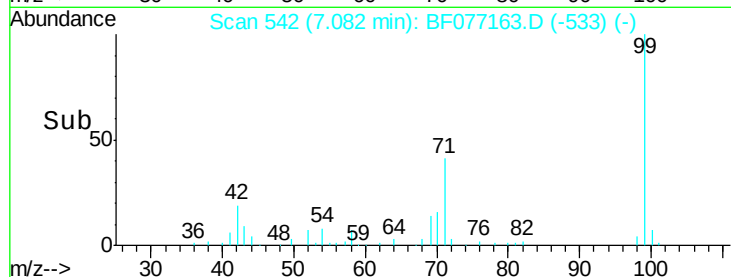
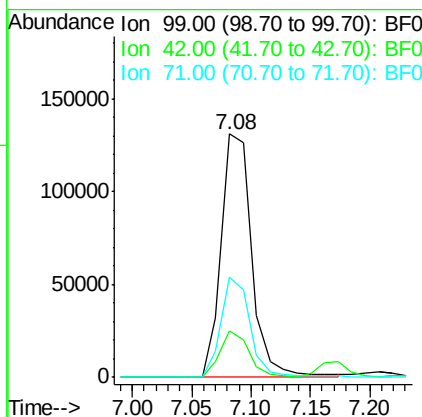
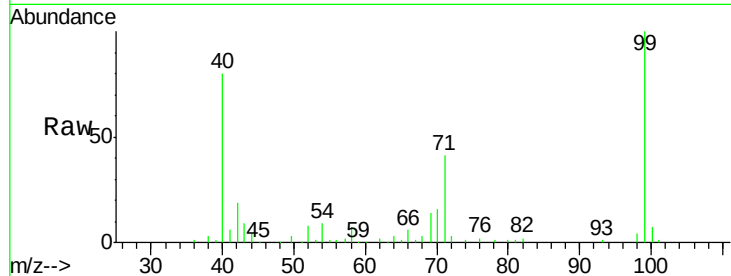
ClientSampleId :

PB81581BS

Tgt Ion:	99	Resp:	234728
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.0	22.4
71	41.1	30.5	45.7

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#8

2-Chlorophenol

Concen: 37.53 ng

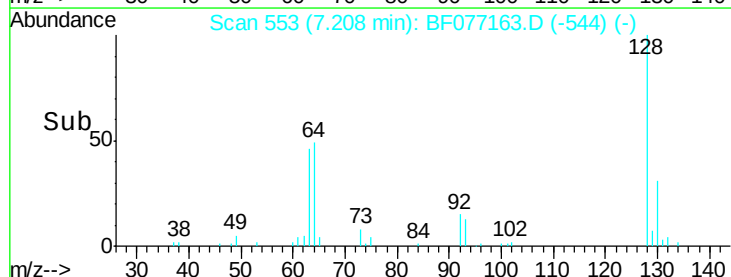
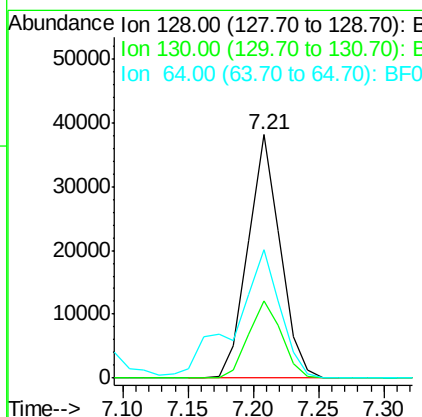
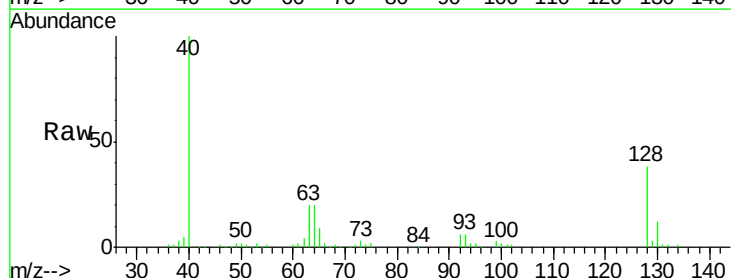
RT: 7.21 min Scan# 553

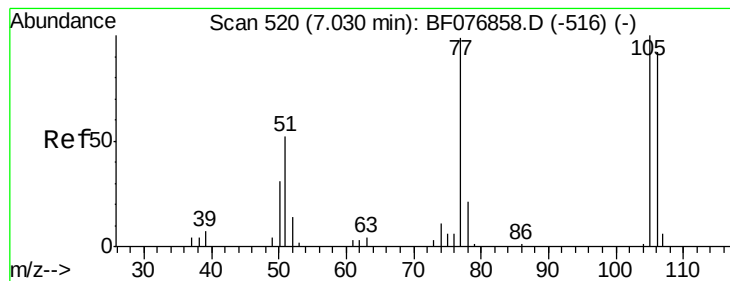
Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion:	128	Resp:	65833
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.0	51.0
64	52.7	29.3	69.3





#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

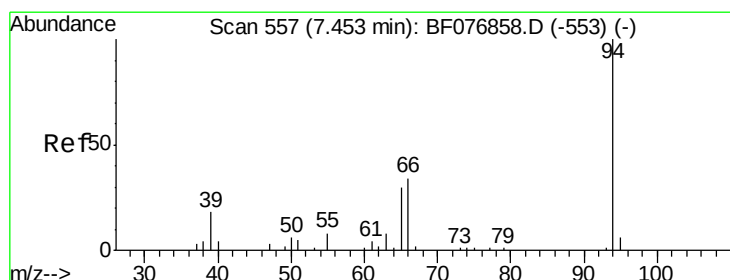
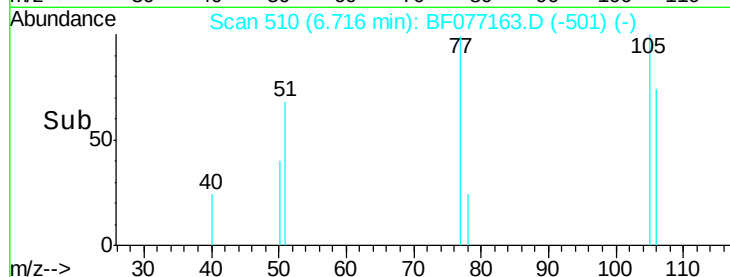
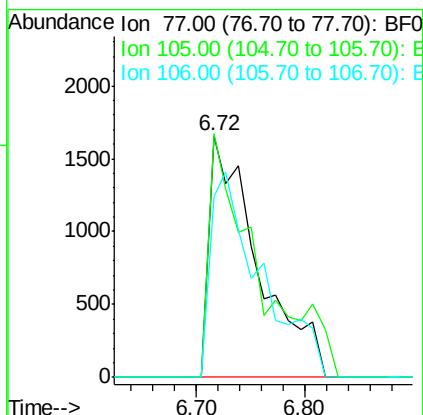
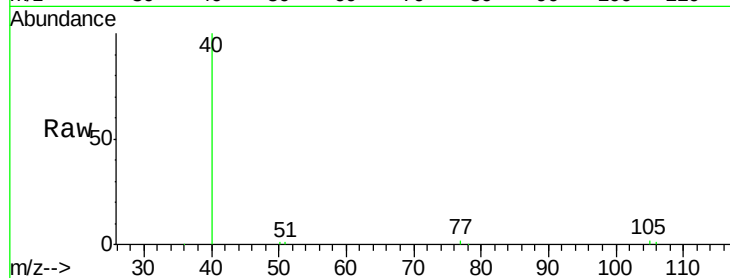
ClientSampleId :

PB81581BS

Tgt Ion:	77	Resp:	5168
Ion	Ratio	Lower	Upper
77	100		
105	100.9	81.4	121.4
106	74.7	72.8	112.8

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#10

Phenol

Concen: 35.88 ng

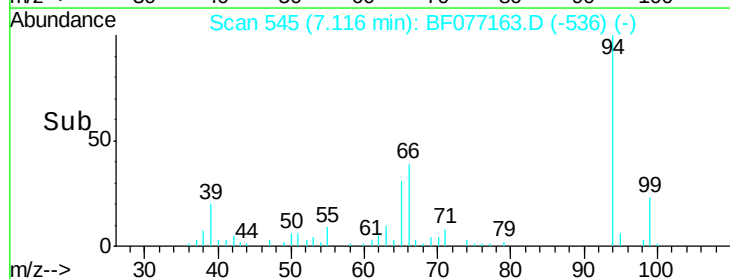
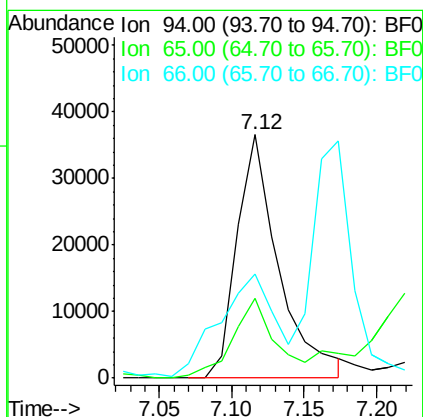
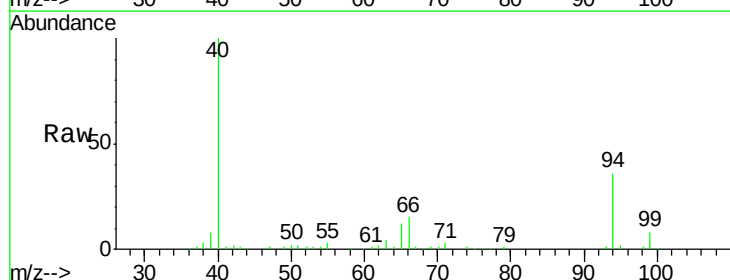
RT: 7.12 min Scan# 545

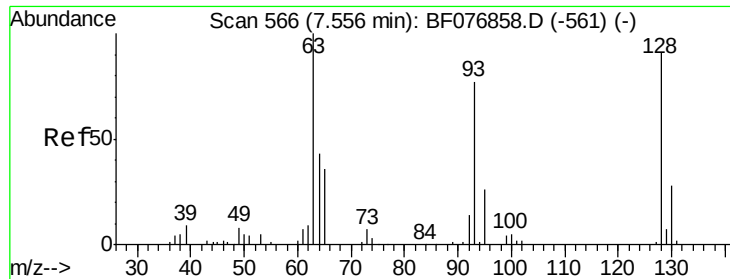
Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion:	94	Resp:	73144
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.3	51.3
66	42.9	19.5	59.5





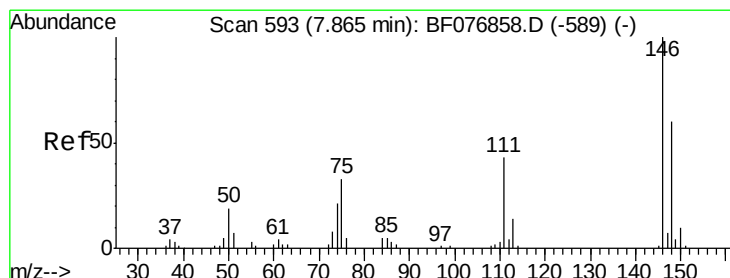
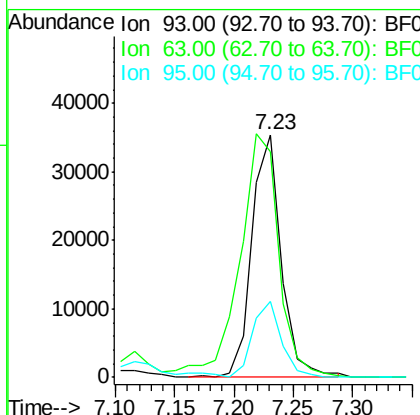
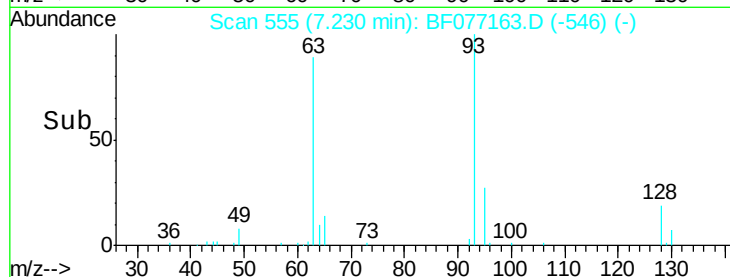
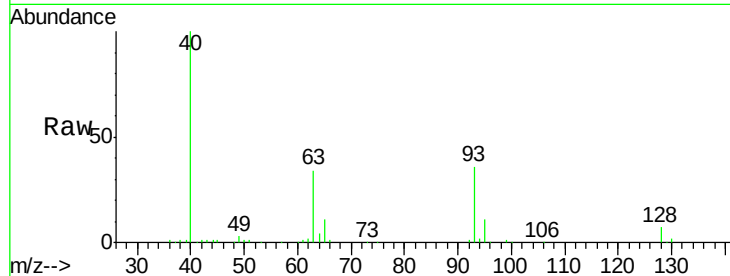
#11
bis(2-Chloroethyl)ether
Concen: 38.53 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion: 93 Resp: 61449
Ion Ratio Lower Upper
93 100
63 93.1 111.3 151.3#
95 31.5 13.8 53.8

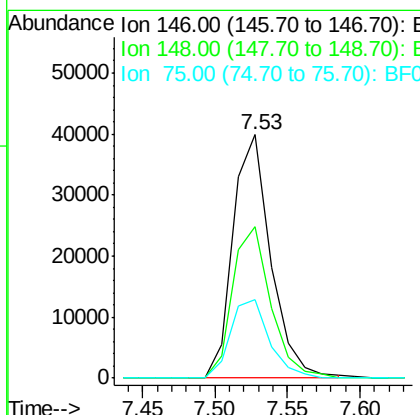
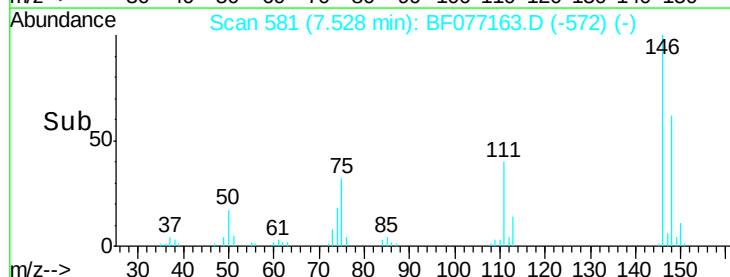
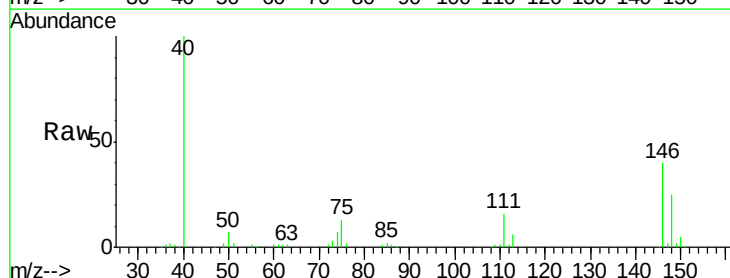
Manual Integrations
APPROVED

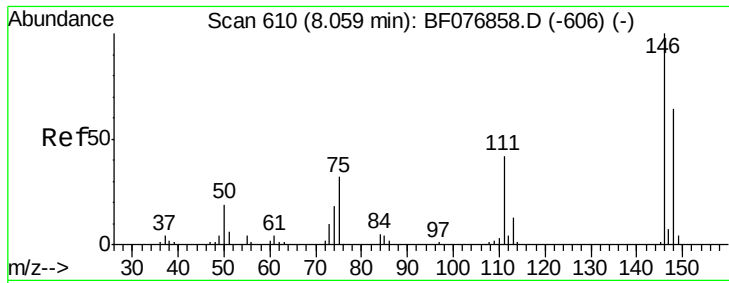
apatel
2/4/2015 1:54:24 PM



#12
1,3-Dichlorobenzene
Concen: 36.20 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion: 146 Resp: 72254
Ion Ratio Lower Upper
146 100
148 62.2 48.1 72.1
75 32.1 26.8 40.2





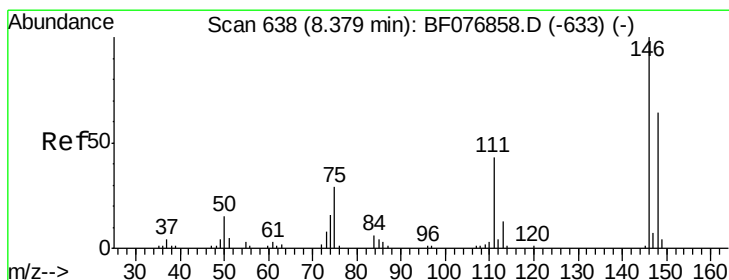
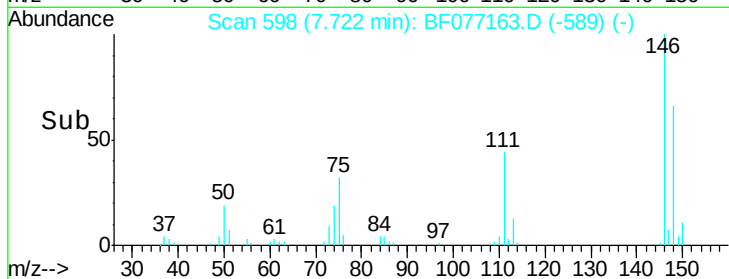
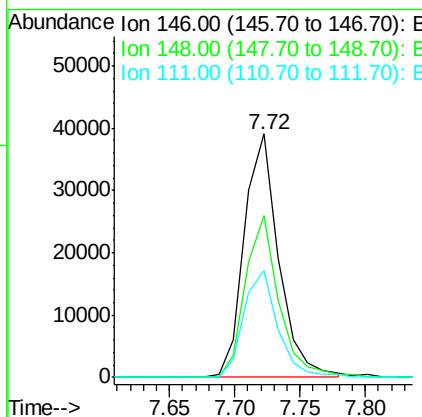
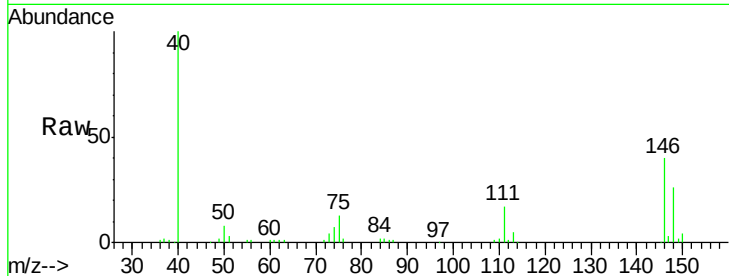
#13
 1,4-Dichlorobenzene
 Concen: 34.00 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampled :
 PB81581BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.5	77.3
111	43.8	33.9	50.9

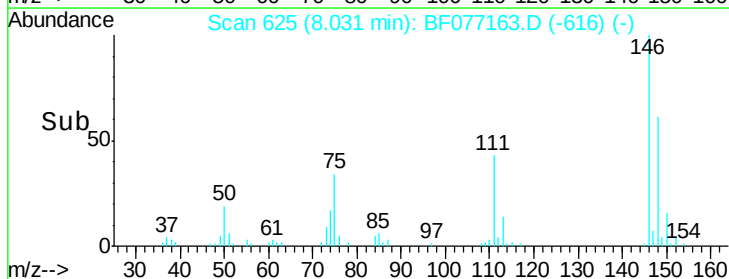
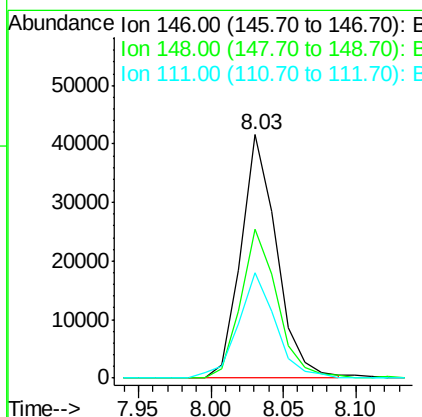
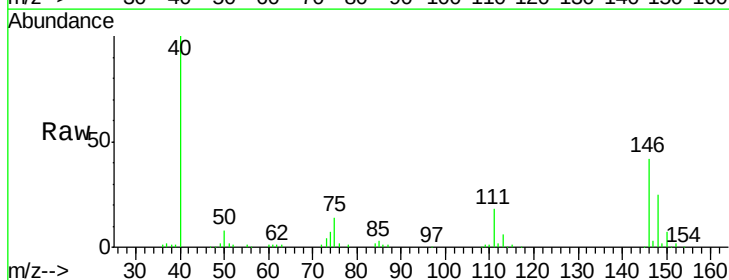
Manual Integrations
 APPROVED

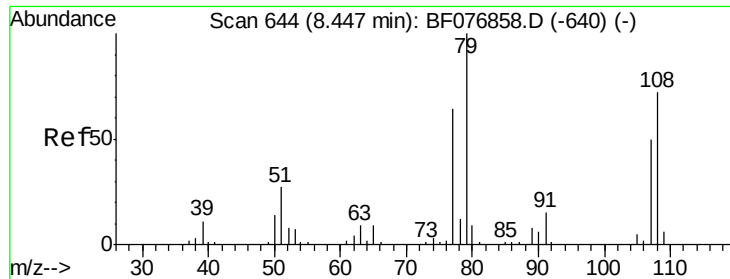
apatel
 2/4/2015 1:54:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.41 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.3	76.9
111	43.0	34.5	51.7





#15

Benzyl Alcohol

Concen: 37.10 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

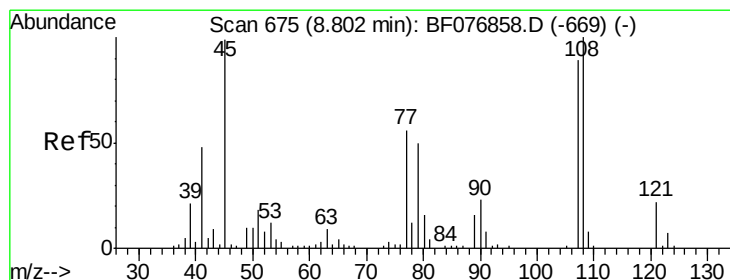
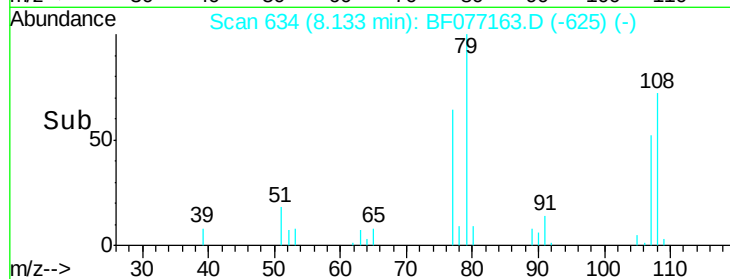
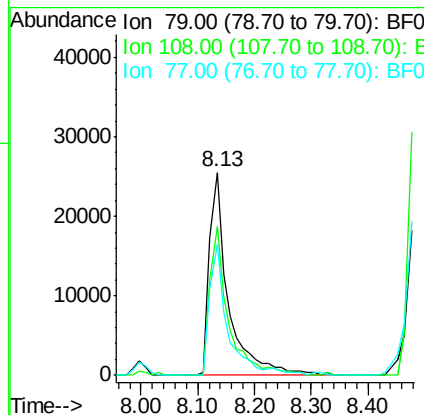
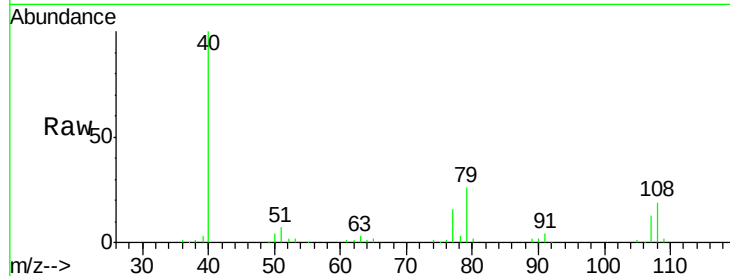
ClientSampleId :

PB81581BS

Tgt Ion:	79	Resp:	57624
Ion Ratio	Lower	Upper	
79	100		
108	73.3	57.2	85.8
77	64.5	51.2	76.8

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.02 ng

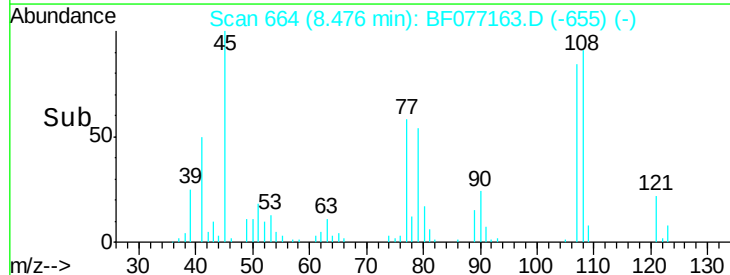
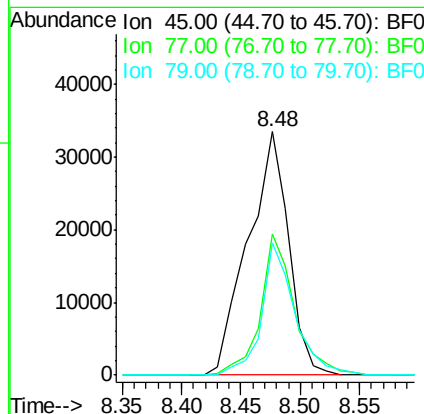
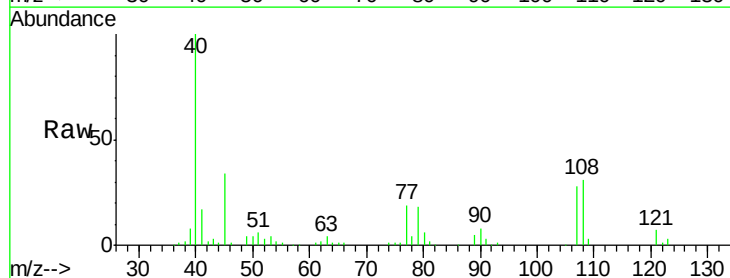
RT: 8.48 min Scan# 664

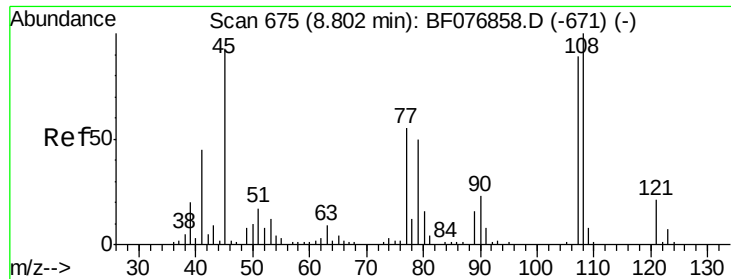
Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion:	45	Resp:	79383
Ion Ratio	Lower	Upper	
45	100		
77	57.8	36.1	76.1
79	54.5	30.5	70.5





#17

2-Methylphenol

Concen: 35.17 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077163.D

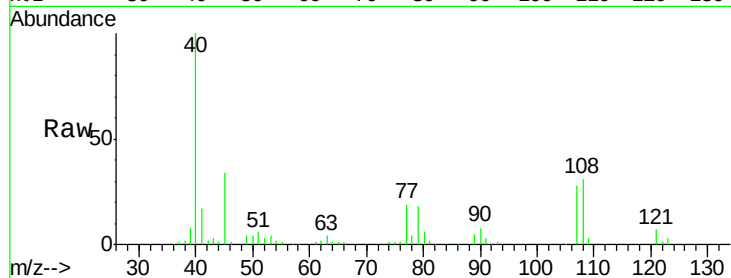
Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

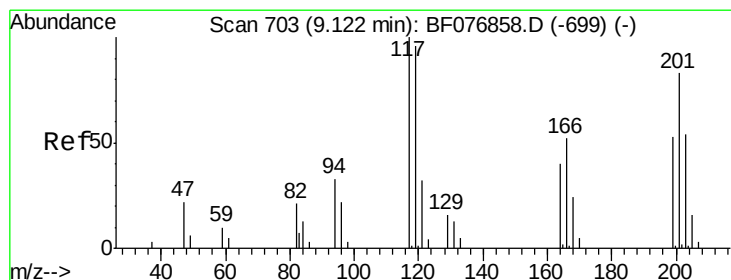
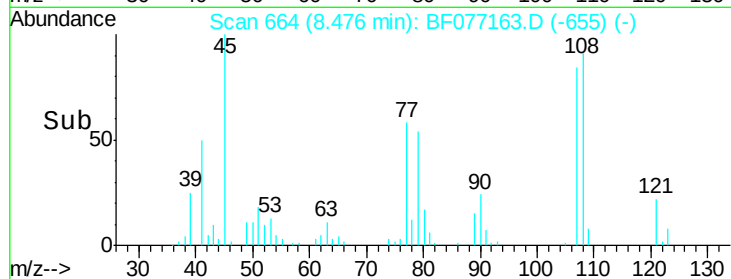
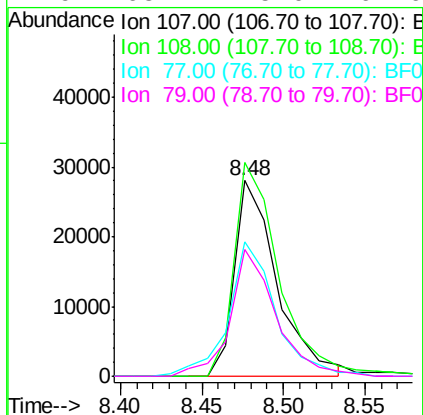
PB81581BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	50419		
108	109.2	89.7	134.5	
77	69.0	50.1	75.1	
79	65.1	45.0	67.6	

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#18

Hexachloroethane

Concen: 36.28 ng

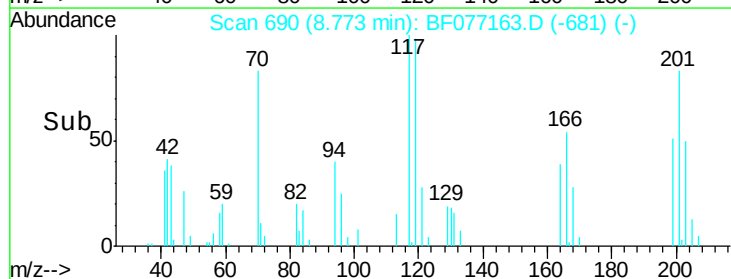
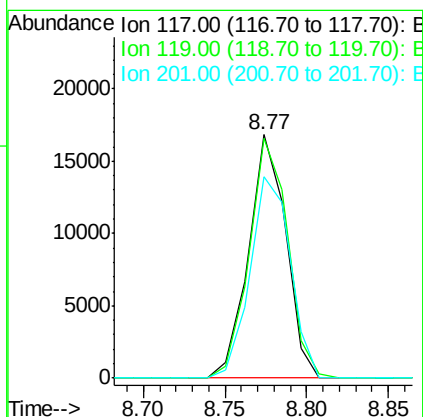
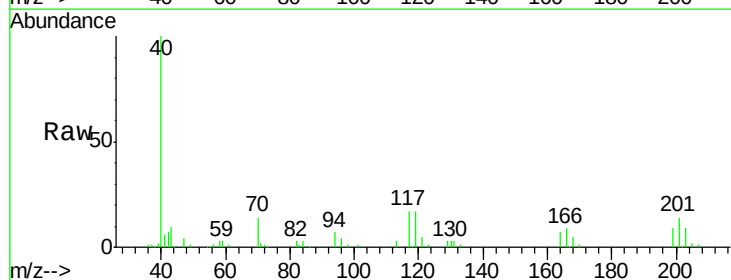
RT: 8.77 min Scan# 690

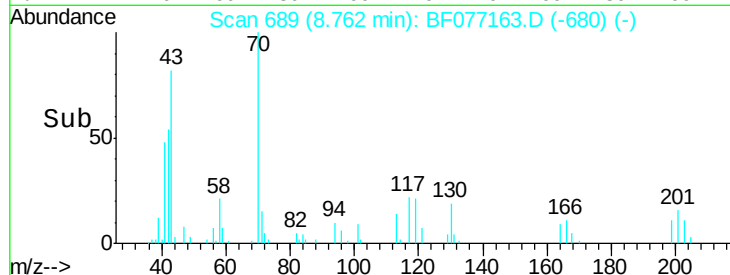
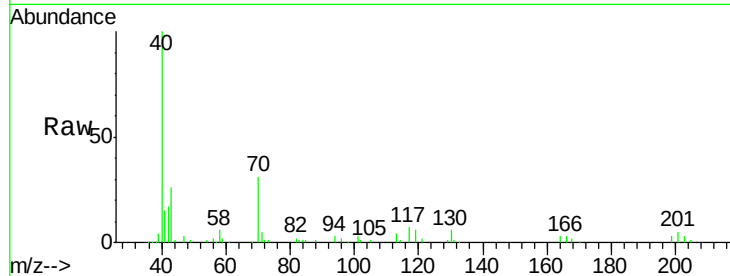
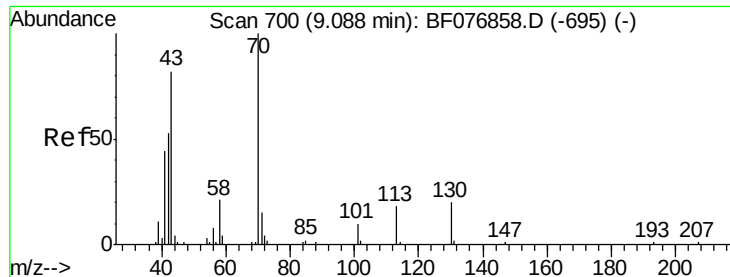
Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26711		
119	98.4	77.1	115.7	
201	82.7	66.8	100.2	





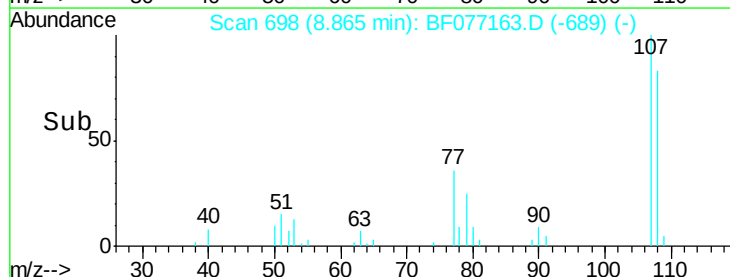
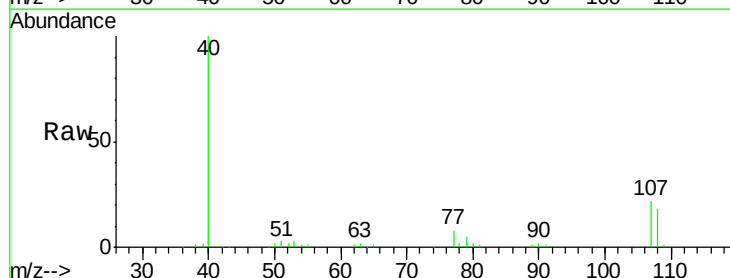
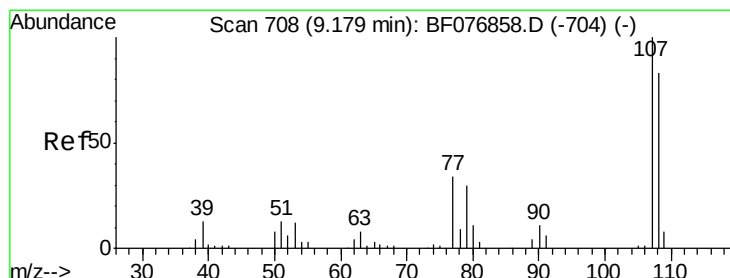
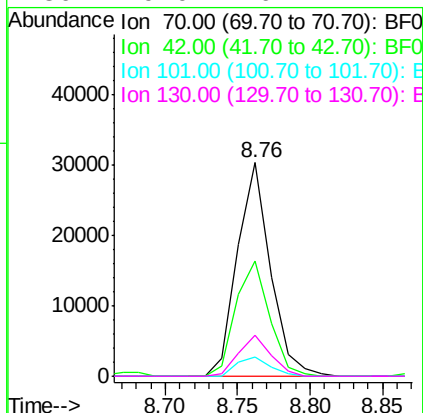
#19
n-Nitroso-di-n-propylamine
Concen: 35.69 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Manual Integrations
APPROVED

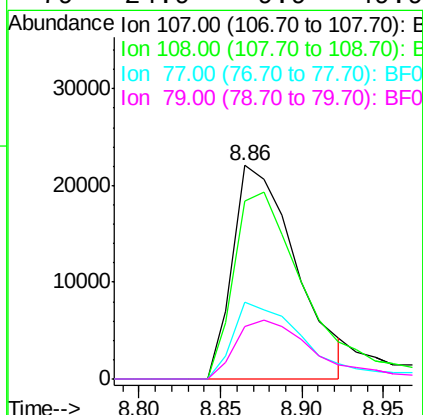
apatel
2/4/2015 1:54:24 PM

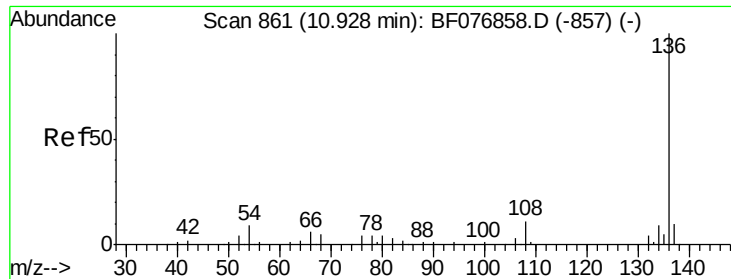
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	42.1	63.1	
101	9.1	7.8	11.8	
130	19.0	16.2	24.4	



#20
3+4-Methylphenols
Concen: 31.40 ng
RT: 8.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.2	63.5	103.5	
77	35.7	14.0	54.0	
79	24.9	9.9	49.9	





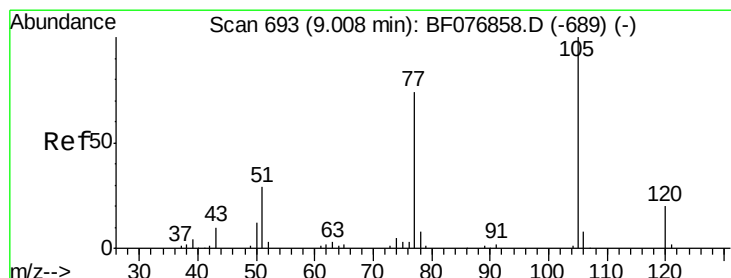
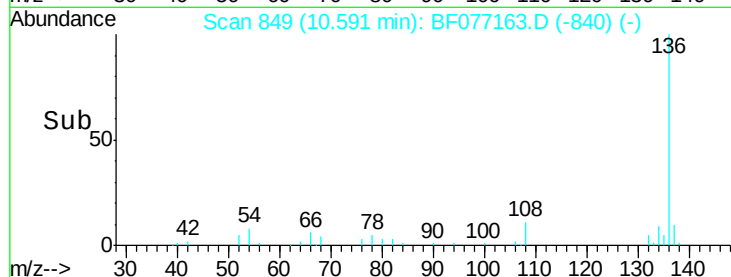
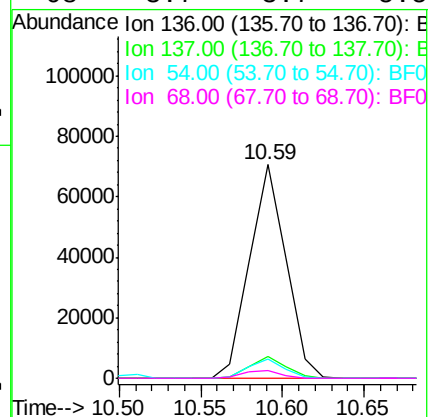
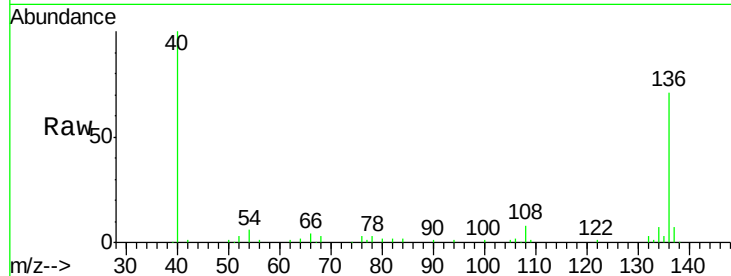
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	109768		
137	10.2	8.1	12.1	
54	8.7	7.0	10.4	
68	3.7	3.7	5.5	

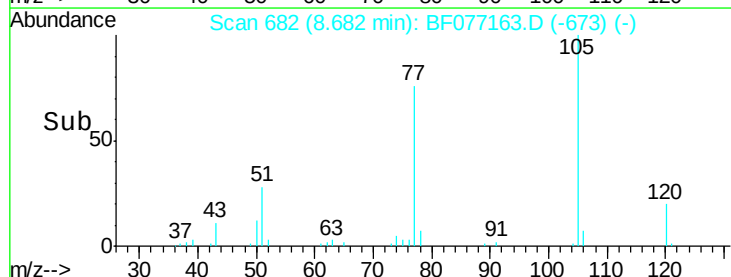
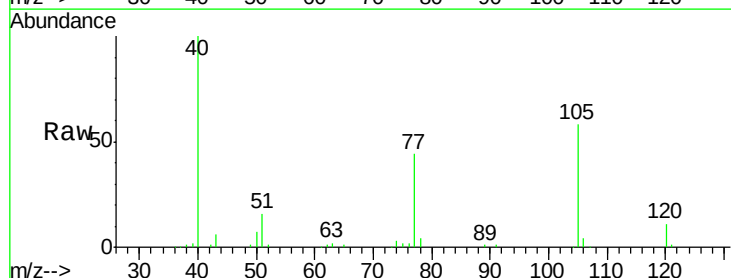
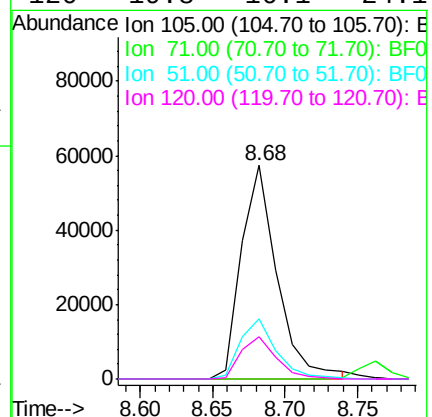
Manual Integrations
APPROVED

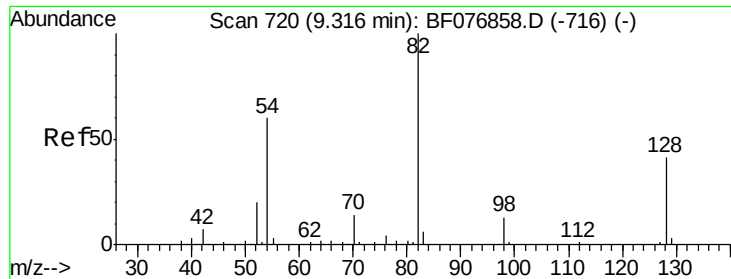
apatel
2/4/2015 1:54:24 PM



#22
Acetophenone
Concen: 36.50 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	98144		
71	0.0	0.0	0.0	
51	28.1	23.3	34.9	
120	19.8	16.1	24.1	





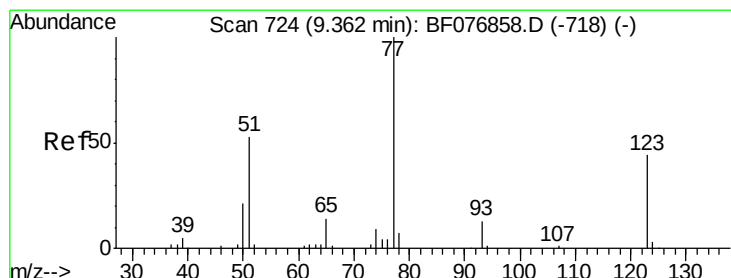
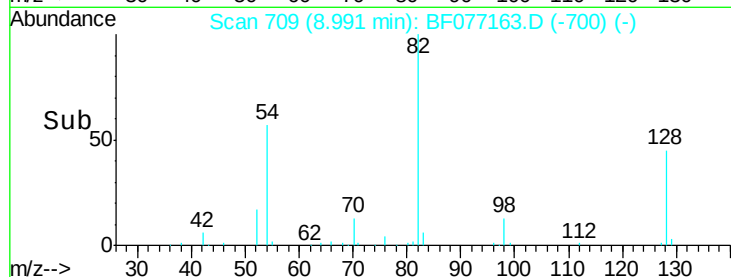
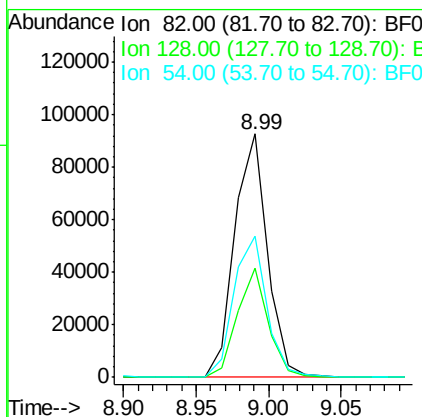
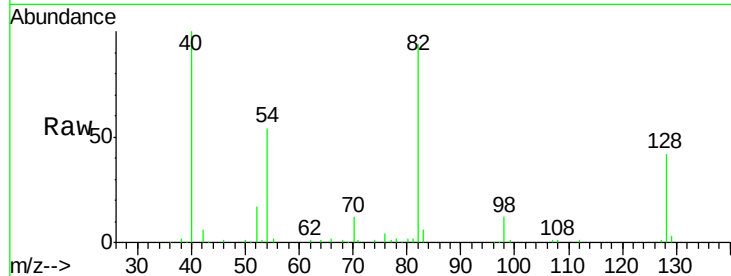
#23
 Nitrobenzene-d5
 Concen: 73.27 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	145181		
128	44.8	33.1	49.7	
54	57.8	48.3	72.5	

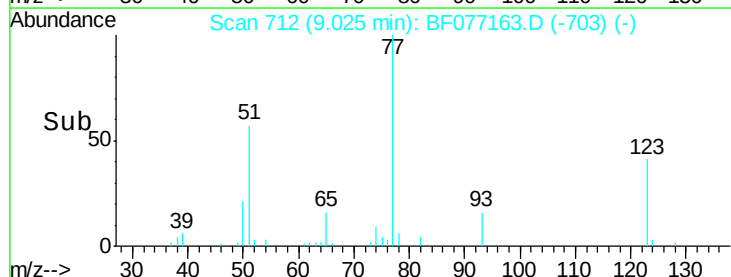
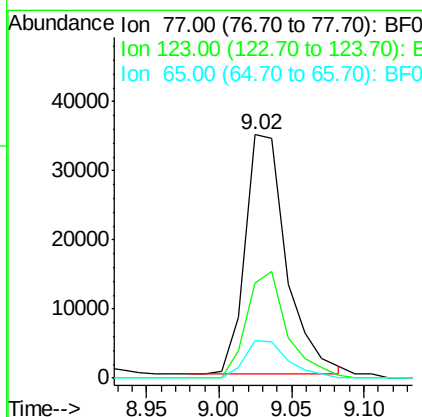
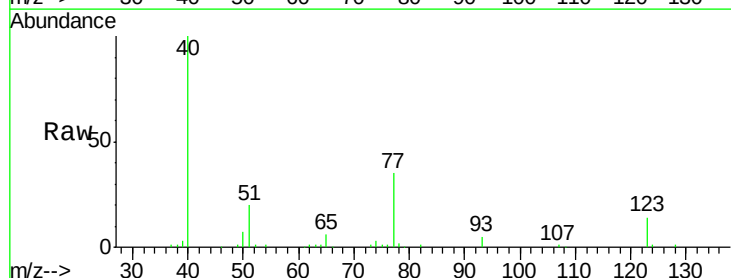
Manual Integrations
 APPROVED

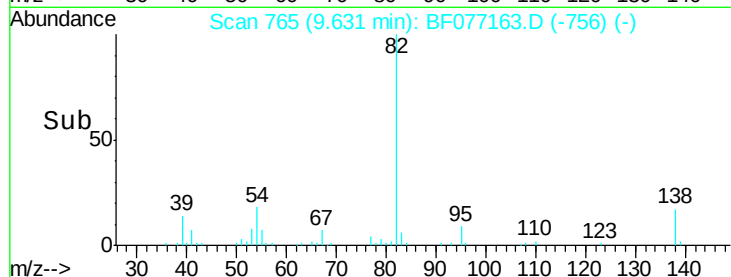
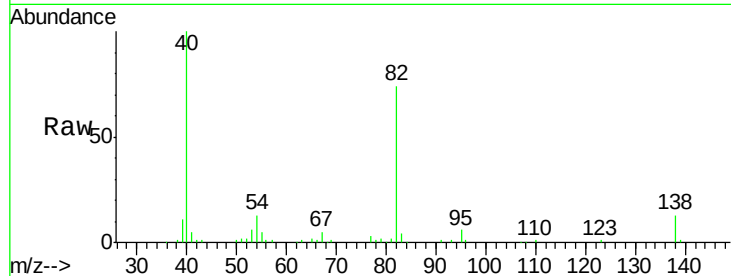
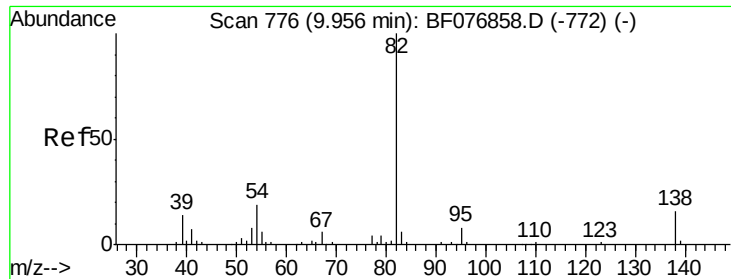
apatel
 2/4/2015 1:54:24 PM



#24
 Nitrobenzene
 Concen: 33.82 ng
 RT: 9.02 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	68266		
123	39.1	35.2	52.8	
65	15.6	11.4	17.2	





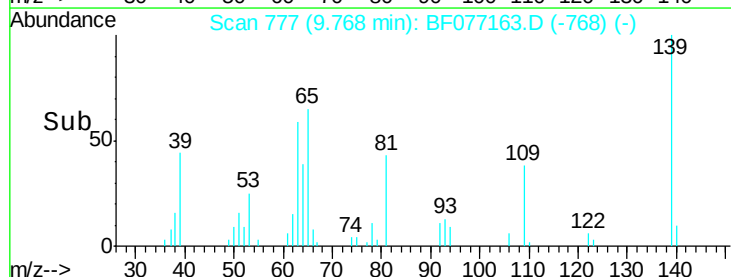
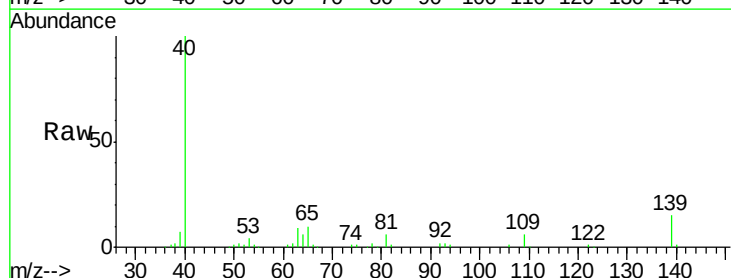
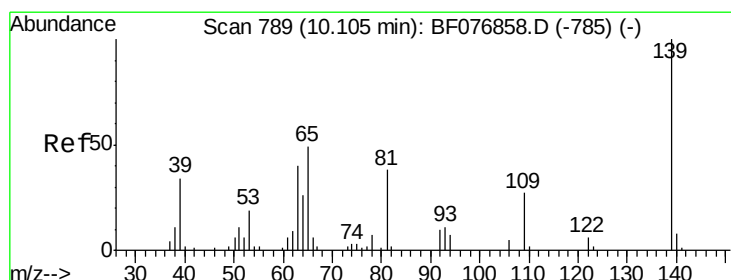
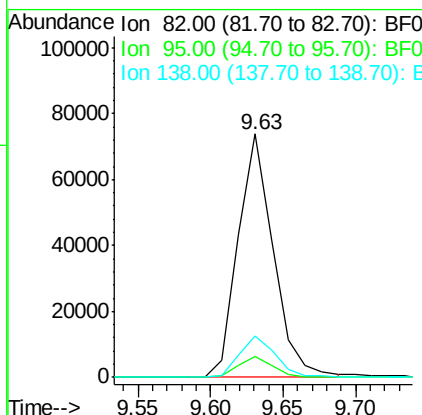
#25
Isophorone
Concen: 34.50 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	124493		
95	8.6	6.6	10.0	
138	17.1	12.6	18.8	

Instrument :
BNA_F
ClientSampleId :
PB81581BS

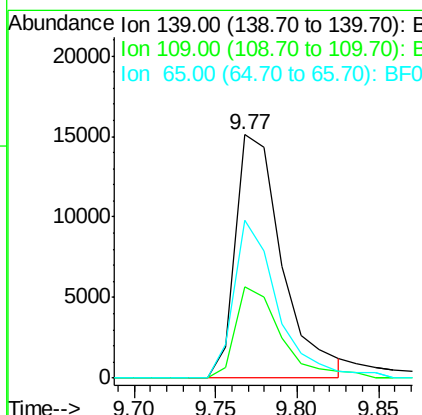
Manual Integrations
APPROVED

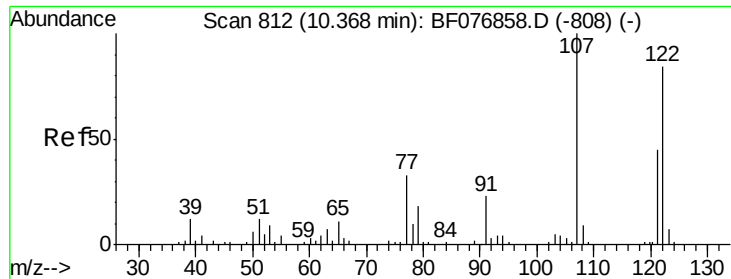
apatel
2/4/2015 1:54:24 PM



#26
2-Nitrophenol
Concen: 29.80 ng
RT: 9.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	30082		
109	37.6	21.3	31.9#	
65	64.6	39.4	59.0#	





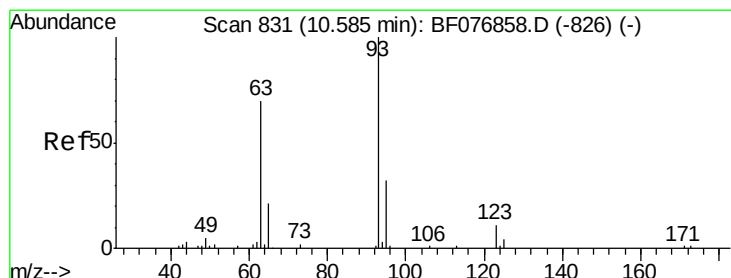
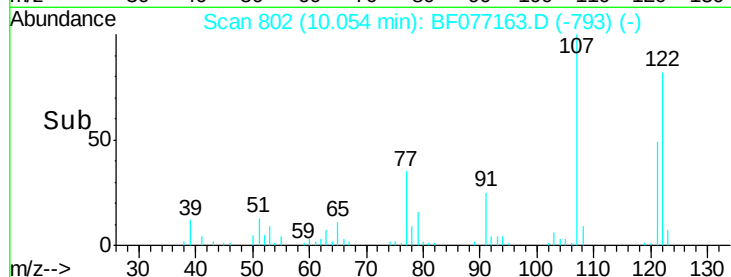
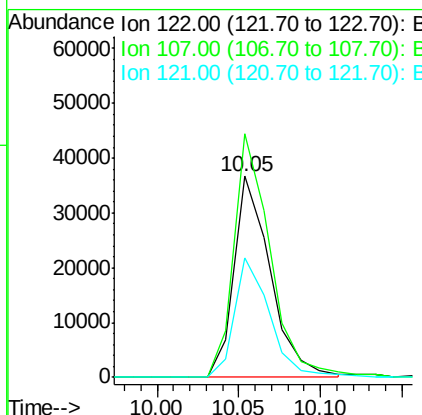
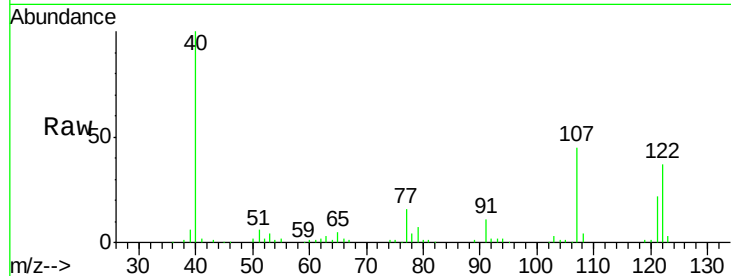
#27
 2,4-Dimethylphenol
 Concen: 36.34 ng
 RT: 10.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56718		
107	121.3	95.2	142.8	
121	59.3	42.9	64.3	

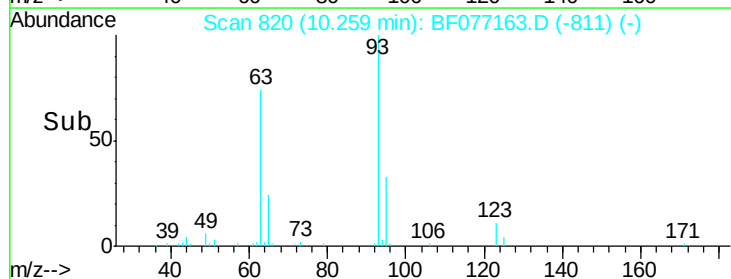
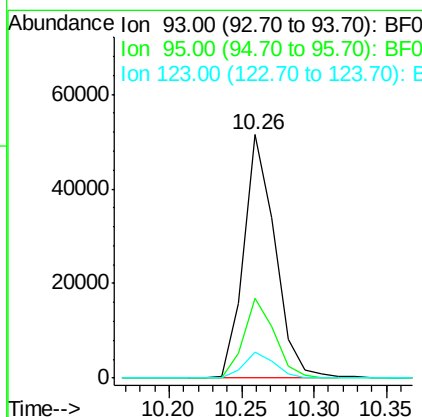
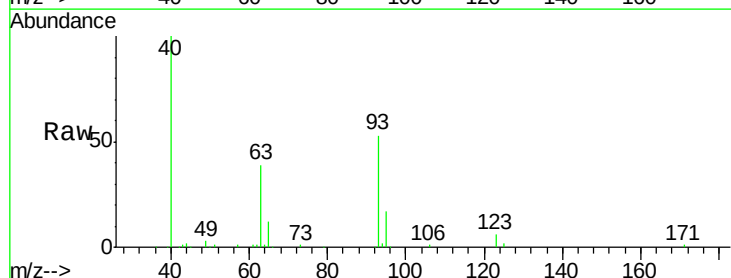
Manual Integrations
 APPROVED

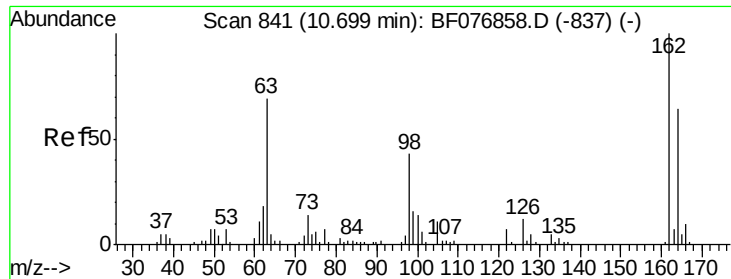
apatel
 2/4/2015 1:54:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.70 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	77314		
95	32.7	25.6	38.4	
123	10.8	8.9	13.3	





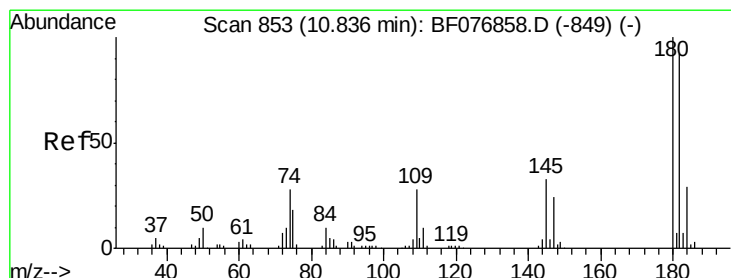
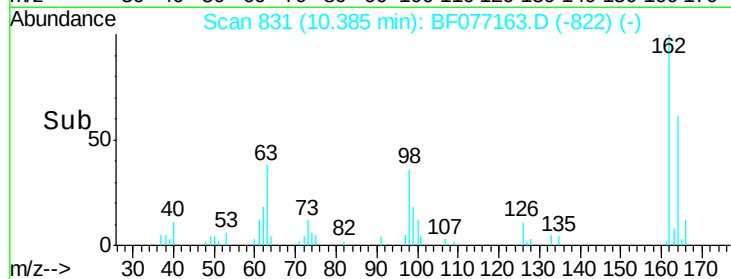
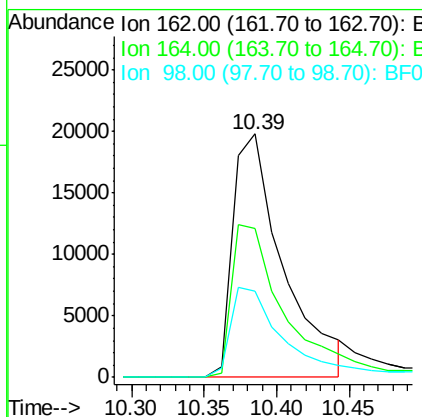
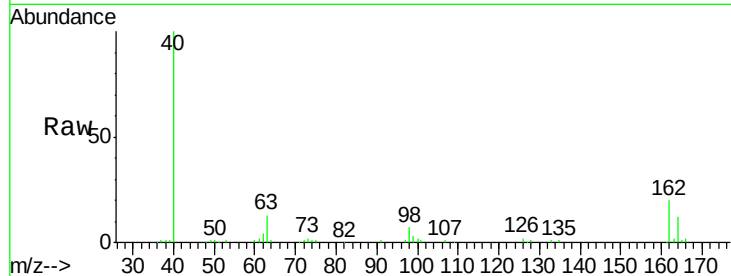
#29
 2,4-Dichlorophenol
 Concen: 32.77 ng
 RT: 10.39 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampled :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	47672		
164	60.9	43.8	83.8	
98	35.6	22.5	62.5	

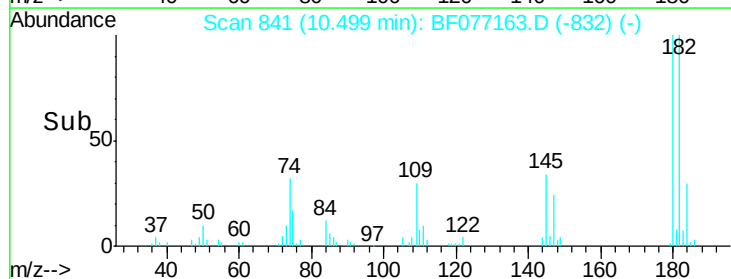
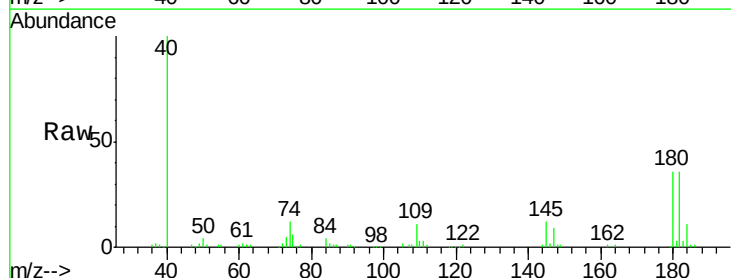
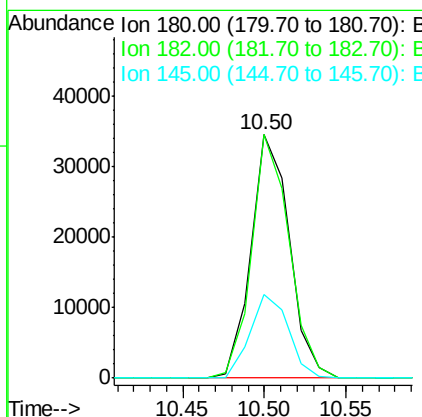
Manual Integrations
 APPROVED

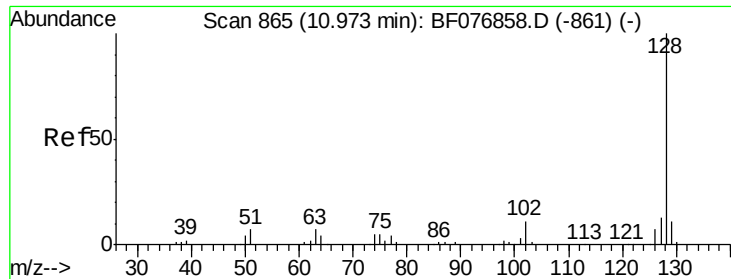
apatel
 2/4/2015 1:54:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.93 ng
 RT: 10.50 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56444		
182	99.8	73.6	110.4	
145	34.2	26.6	39.8	





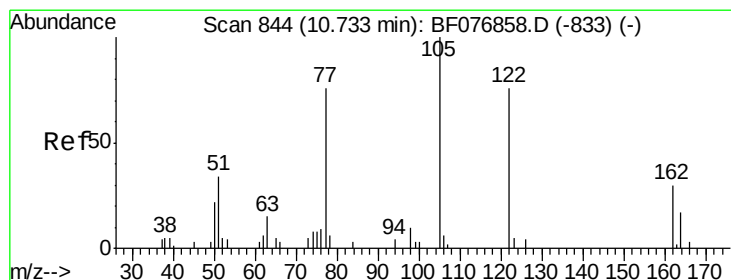
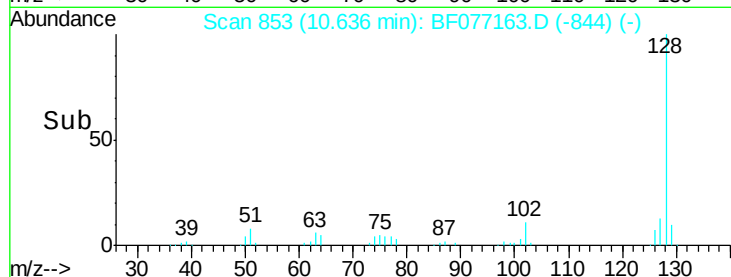
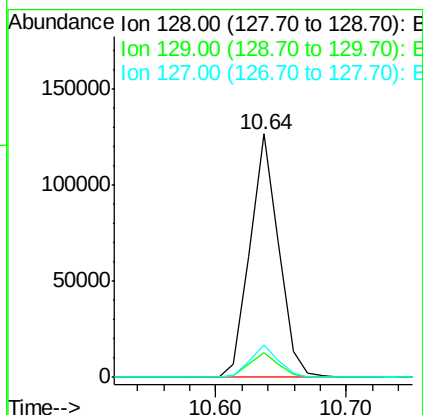
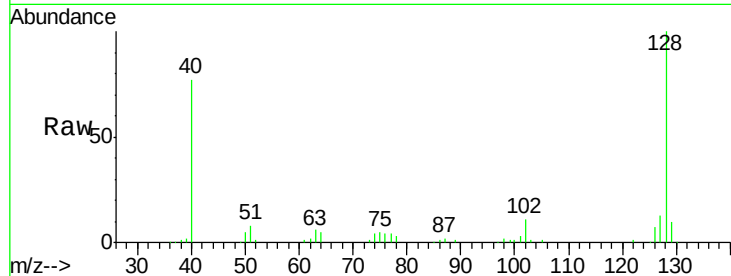
#31
Naphthalene
Concen: 34.45 ng
RT: 10.64 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	194701		
129	10.3	9.0	13.6	
127	13.3	10.2	15.2	

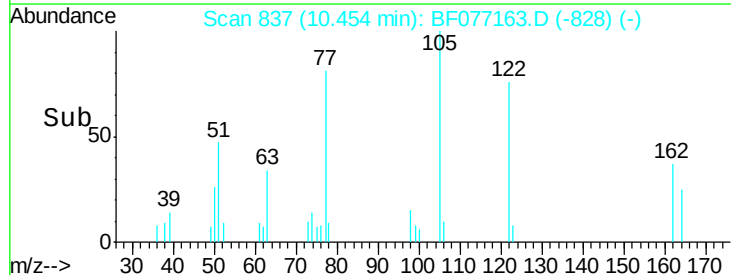
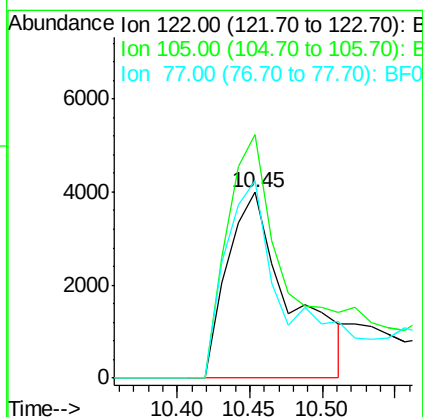
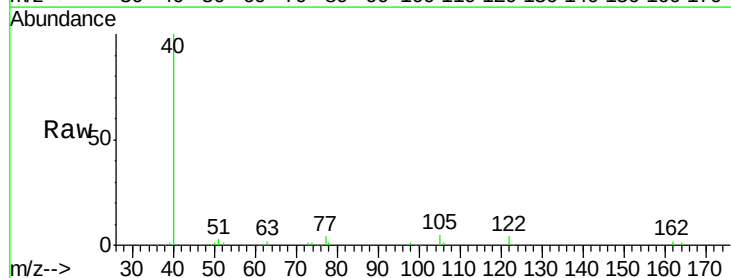
Manual Integrations
APPROVED

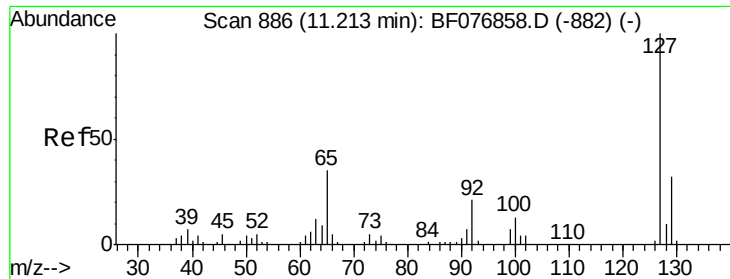
apatel
2/4/2015 1:54:24 PM



#32
Benzoic acid
Concen: 13.79 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

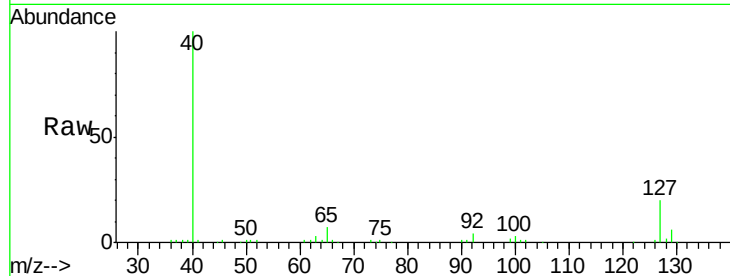
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	11926		
105	131.0	111.3	151.3	
77	106.6	79.2	119.2	





#33
4-Chloroaniline
Concen: 18.57 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

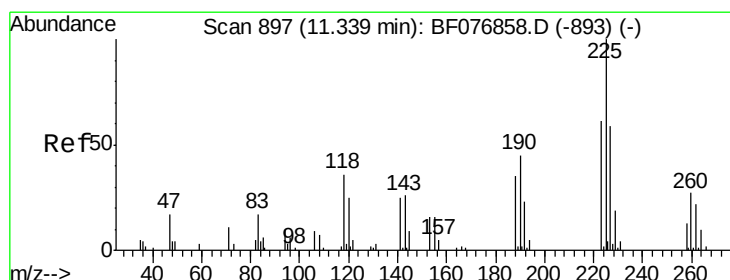
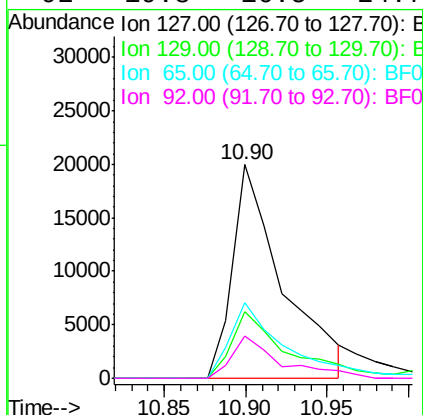
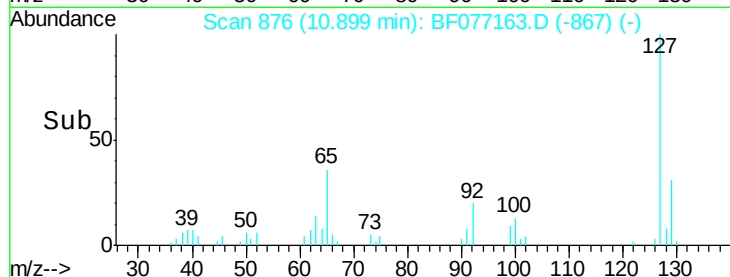
Instrument :
BNA_F
ClientSampleId :
PB81581BS



Tgt Ion:	127	Resp:	42402
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.3	37.9
65	35.6	27.8	41.6
92	19.8	16.5	24.7

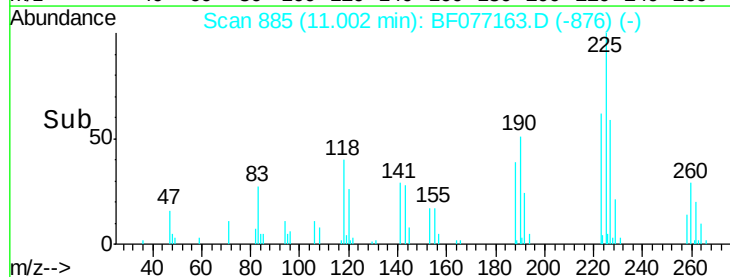
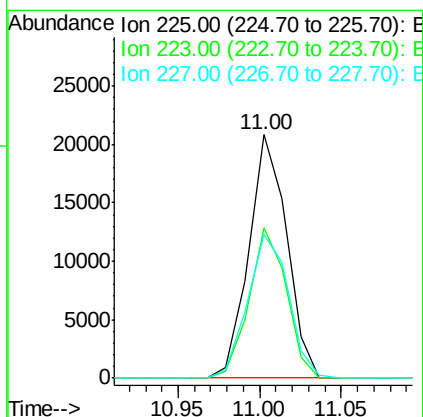
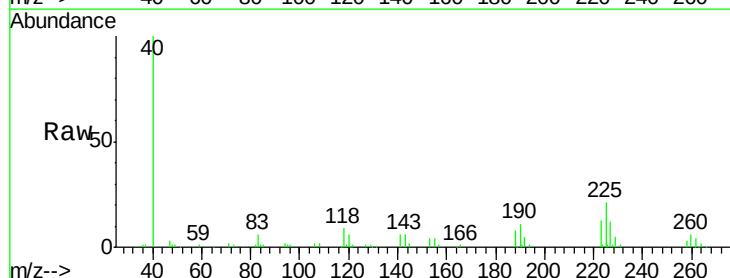
Manual Integrations
APPROVED

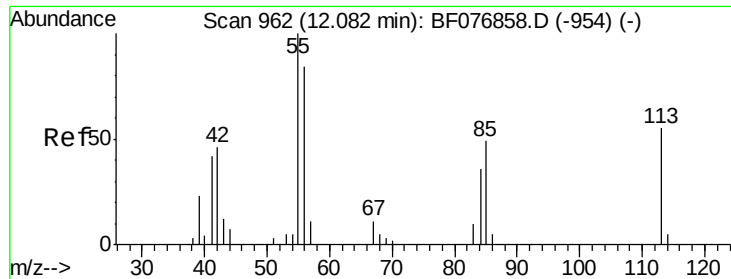
apatel
2/4/2015 1:54:24 PM



#34
Hexachlorobutadiene
Concen: 35.05 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion:	225	Resp:	33603
Ion Ratio	Lower	Upper	
225	100		
223	61.9	49.1	73.7
227	58.8	47.5	71.3





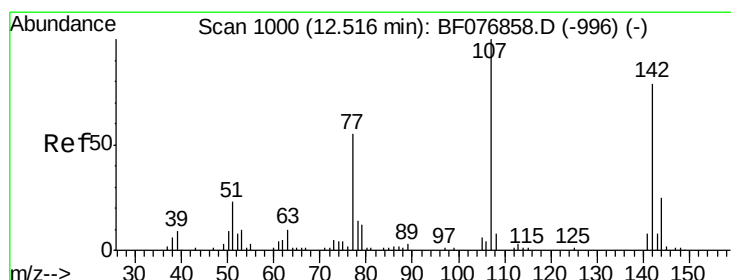
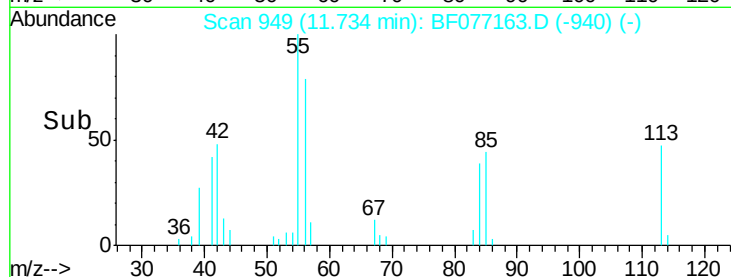
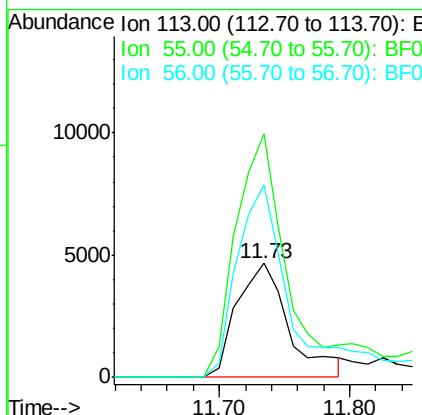
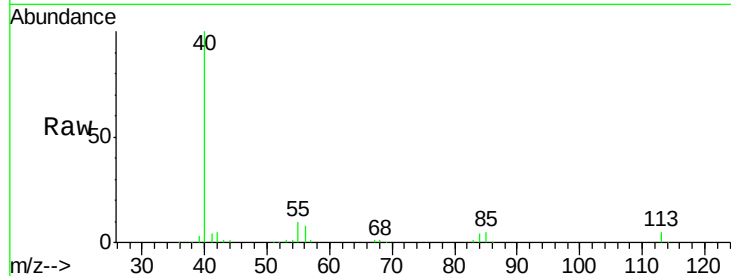
#35
 Caprolactam
 Concen: 30.35 ng
 RT: 11.73 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion:113 Resp: 12997
 Ion Ratio Lower Upper
 113 100
 55 213.6 162.1 202.1#
 56 168.7 133.7 173.7

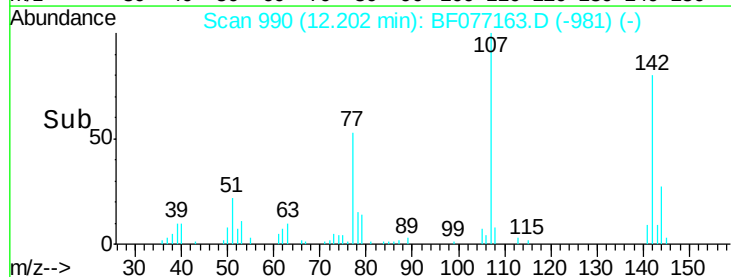
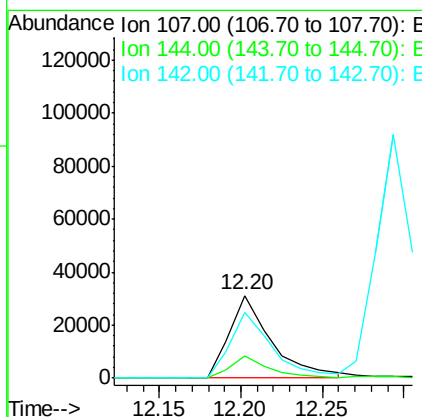
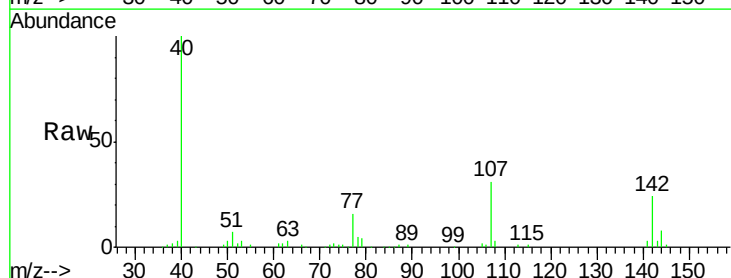
Manual Integrations
 APPROVED

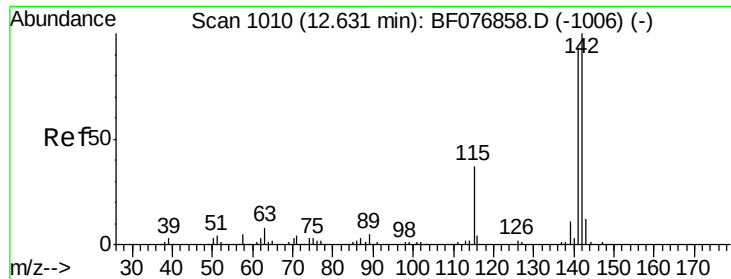
apatel
 2/4/2015 1:54:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 33.39 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:107 Resp: 55613
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.0 30.0
 142 79.5 63.5 95.3





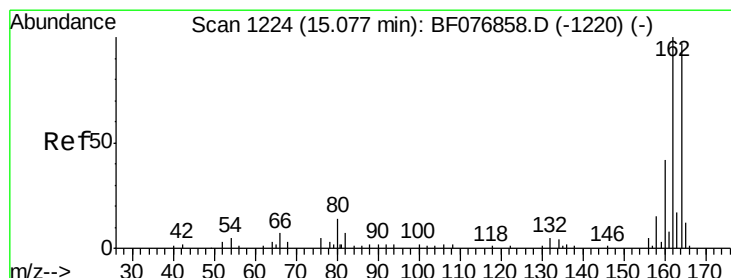
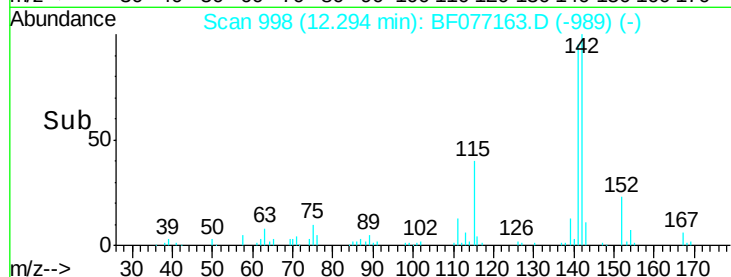
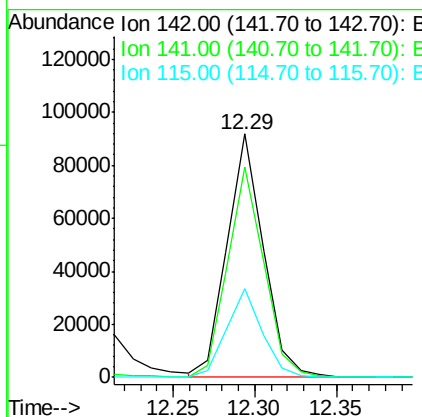
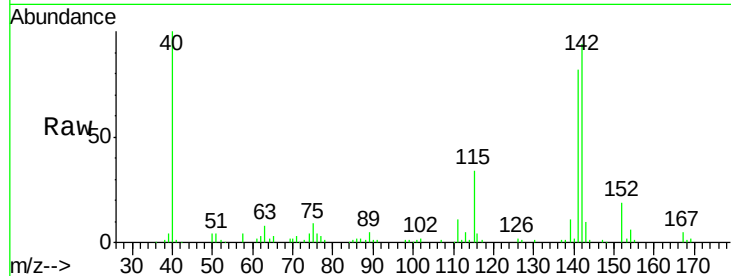
#37
2-Methylnaphthalene
Concen: 36.21 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	74.5	111.7
115	36.2	29.7	44.5

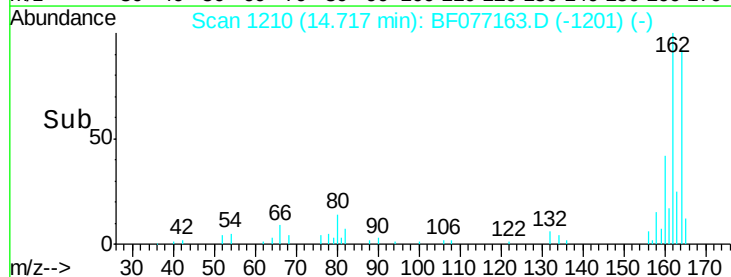
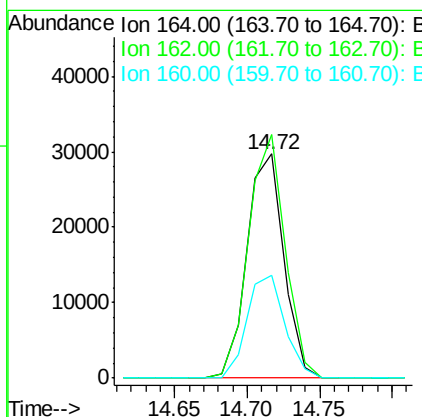
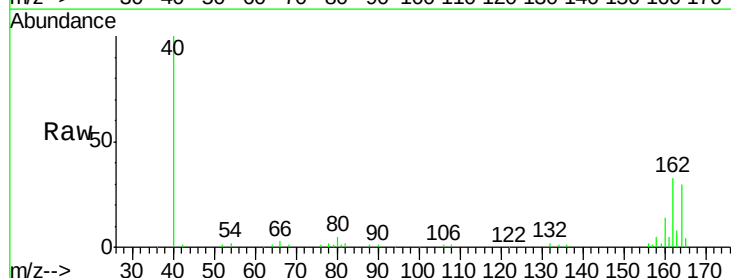
Manual Integrations
APPROVED

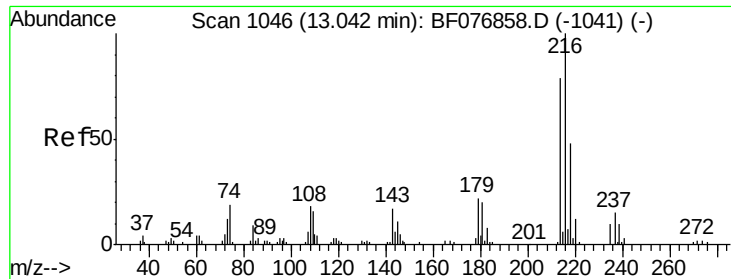
apatel
2/4/2015 1:54:24 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.8	82.4	123.6
160	46.2	34.8	52.2





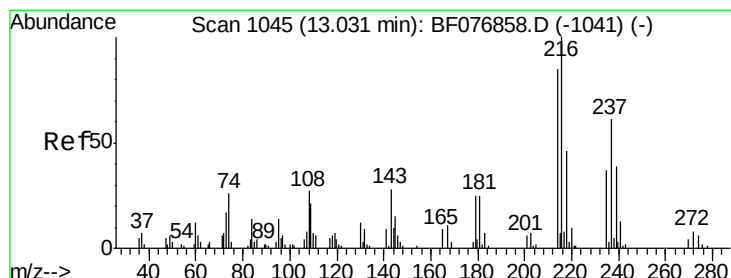
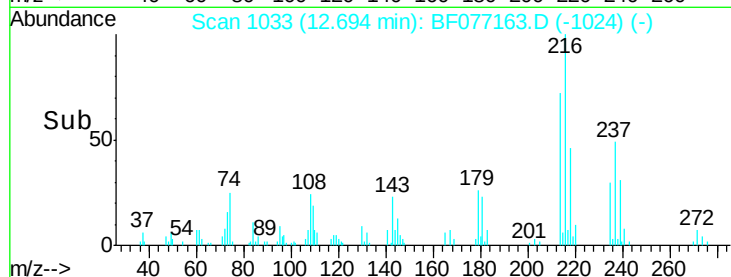
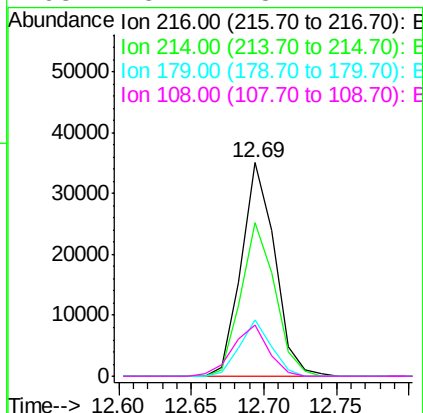
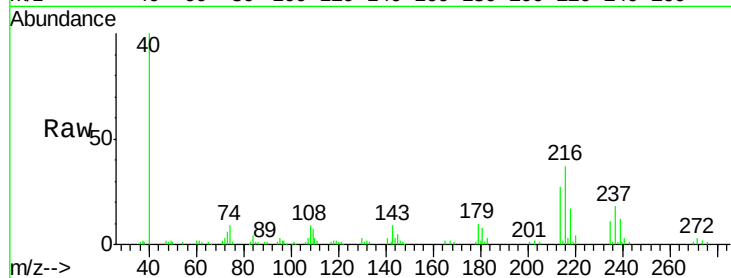
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.60 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampled :
 PB81581BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	72.8	64.9	97.3
179	24.7	18.6	28.0
108	25.4	18.1	27.1

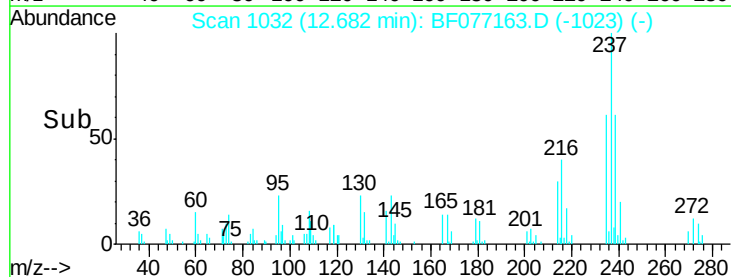
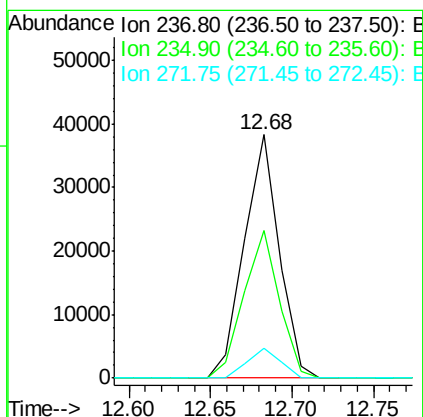
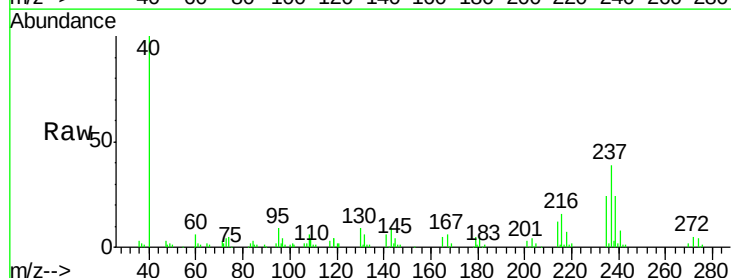
Manual Integrations
 APPROVED

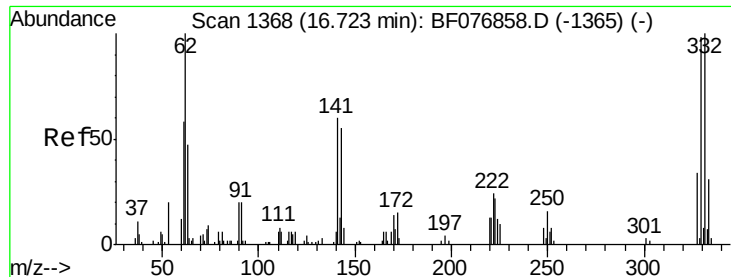
apatel
 2/4/2015 1:54:24 PM



#40
 Hexachlorocyclopentadiene
 Concen: 81.81 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.6	40.4	80.4
272	12.4	0.0	33.2





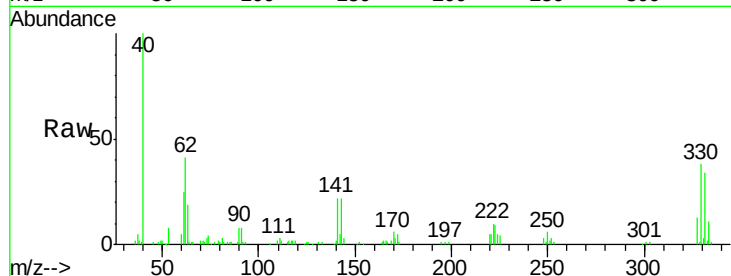
#41
 2,4,6-Tribromophenol
 Concen: 129.11 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

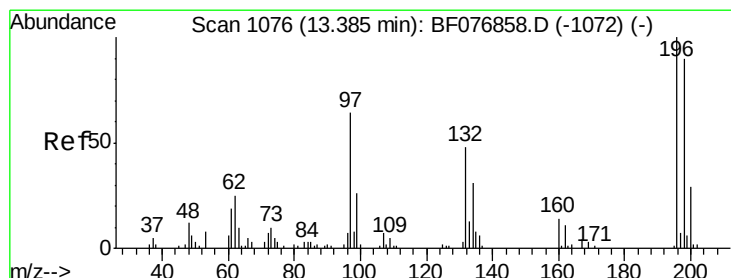
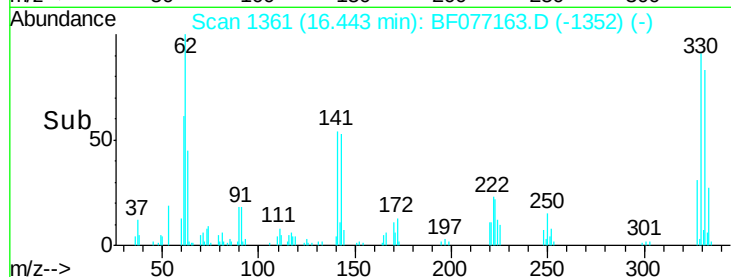
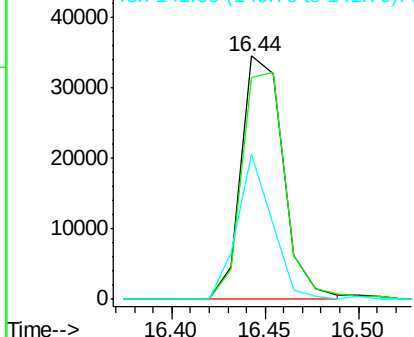
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	54708		
332	96.6	77.8	116.6	
141	49.8	38.5	57.7	

Manual Integrations
 APPROVED

apatel
 2/4/2015 1:54:24 PM

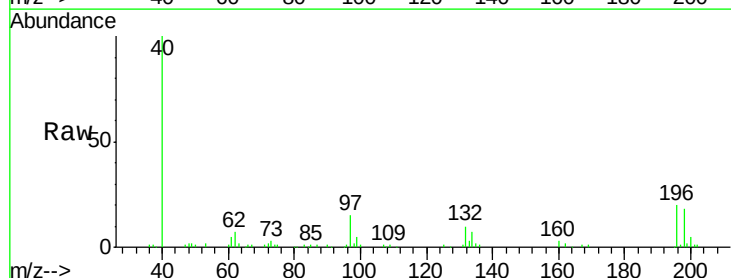


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

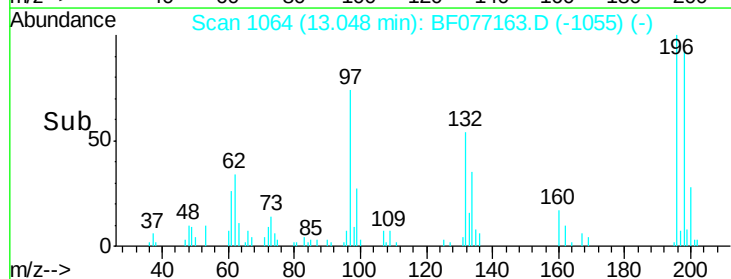
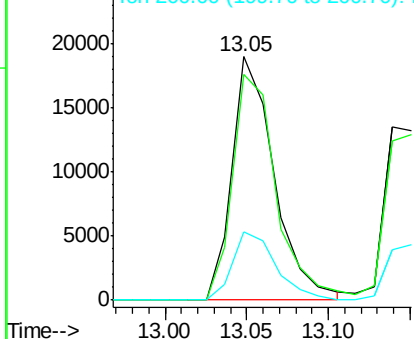


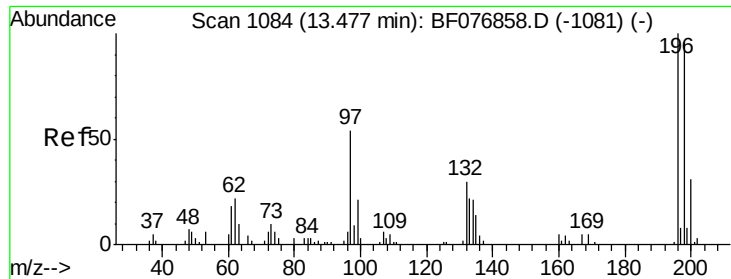
#42
 2,4,6-Trichlorophenol
 Concen: 36.26 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	34098		
198	92.7	72.0	108.0	
200	28.1	23.4	35.2	



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





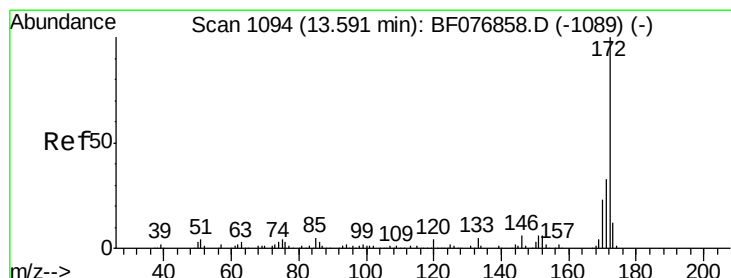
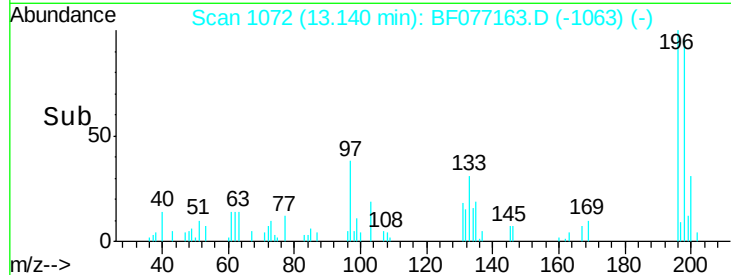
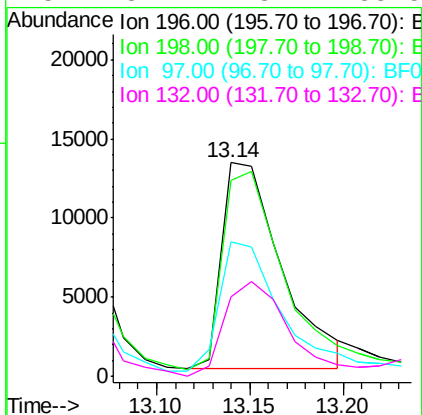
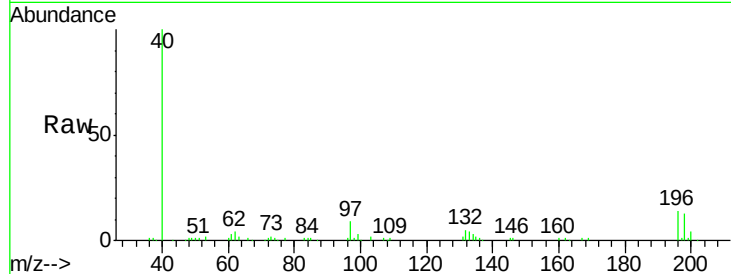
#43
 2,4,5-Trichlorophenol
 Concen: 30.40 ng
 RT: 13.14 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29154		
198	91.8	76.6	115.0	
97	62.9	43.4	65.0	
132	37.4	23.7	35.5#	

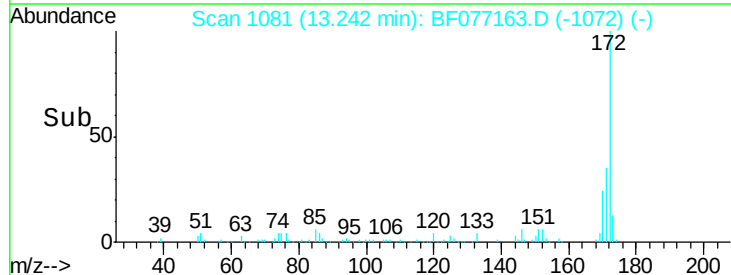
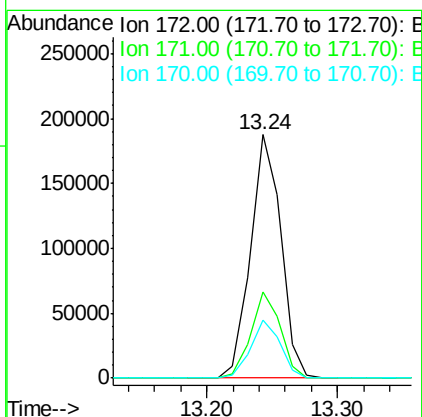
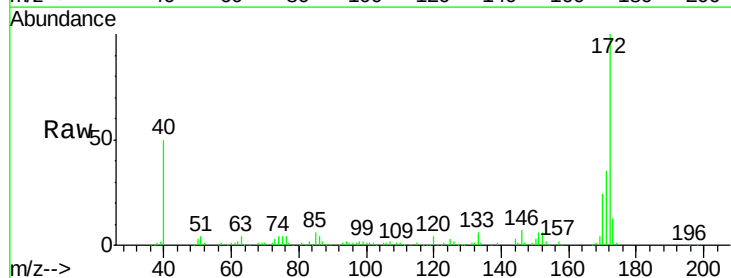
Manual Integrations
 APPROVED

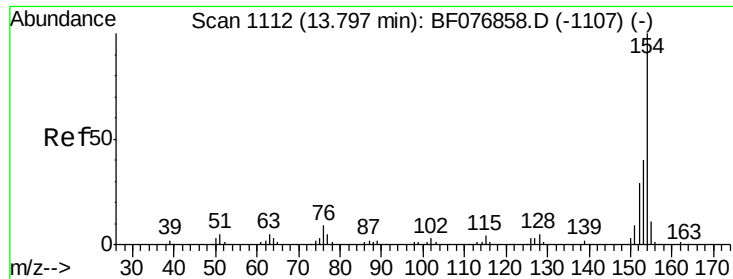
apatel
 2/4/2015 1:54:24 PM



#44
 2-Fluorobiphenyl
 Concen: 88.91 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	304984		
171	35.5	26.6	40.0	
170	23.8	18.0	27.0	





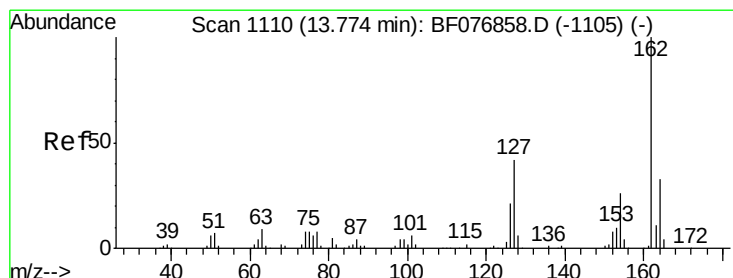
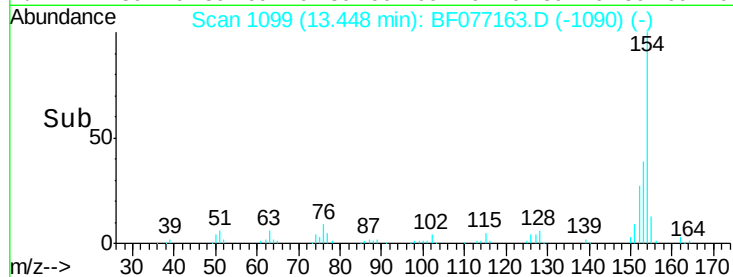
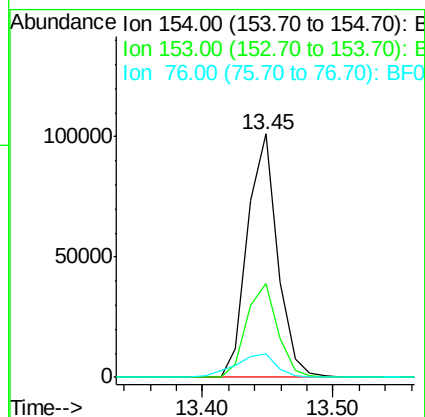
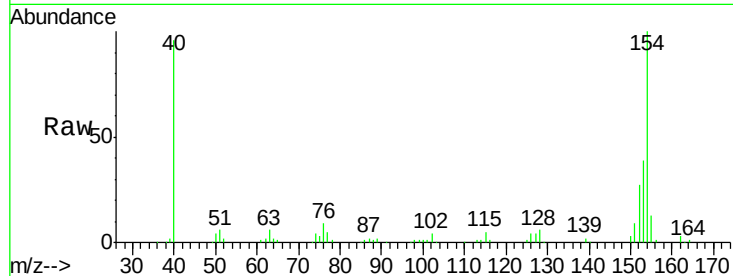
#45
 1,1'-Biphenyl
 Concen: 41.82 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion:	154	Resp:	161841
Ion Ratio	Lower	Upper	
154	100		
153	38.8	20.2	60.2
76	9.4	0.0	29.0

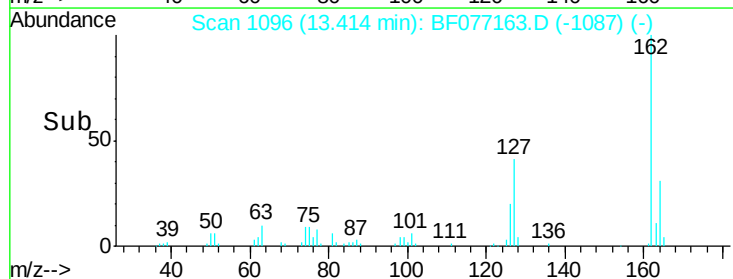
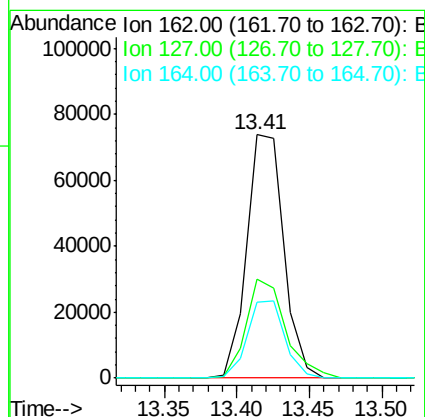
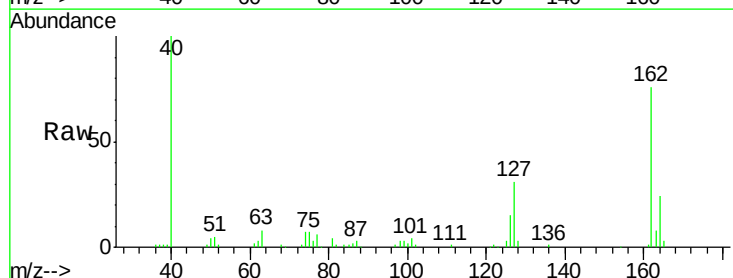
Manual Integrations
 APPROVED

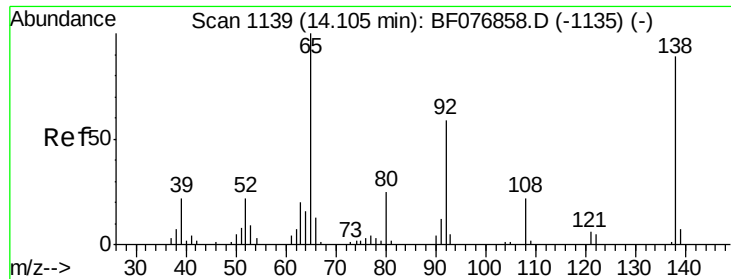
apatel
 2/4/2015 1:54:24 PM



#46
 2-Chloronaphthalene
 Concen: 40.96 ng
 RT: 13.41 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:	162	Resp:	130448
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.8	50.6
164	31.2	26.8	40.2





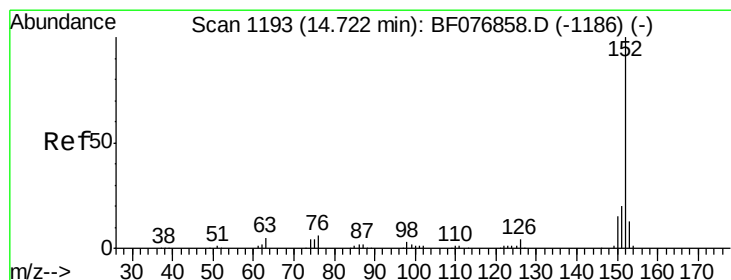
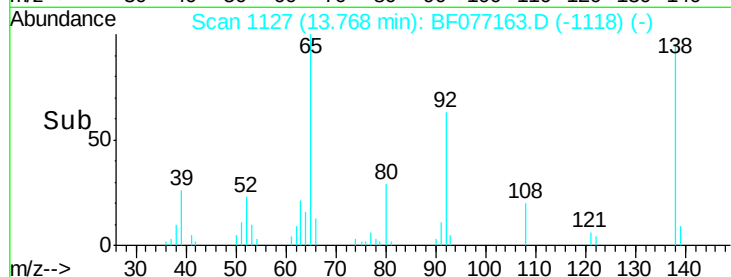
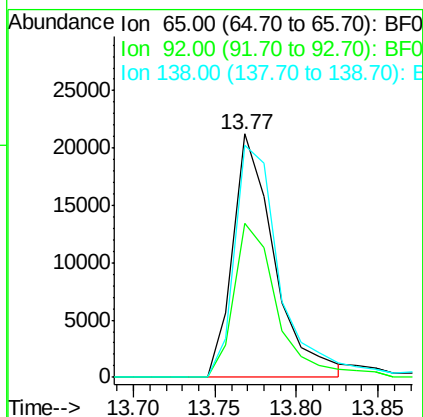
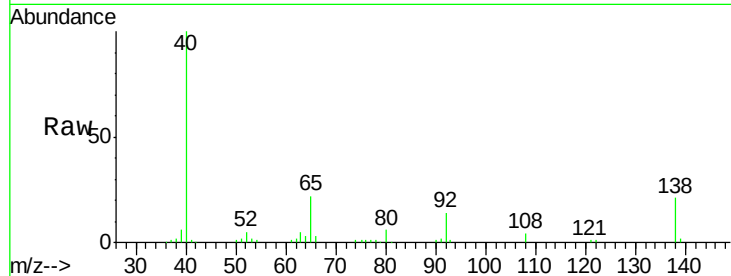
#47
2-Nitroaniline
Concen: 38.82 ng
RT: 13.77 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion: 65 Resp: 37508
Ion Ratio Lower Upper
65 100
92 63.1 47.3 70.9
138 95.2 71.4 107.2

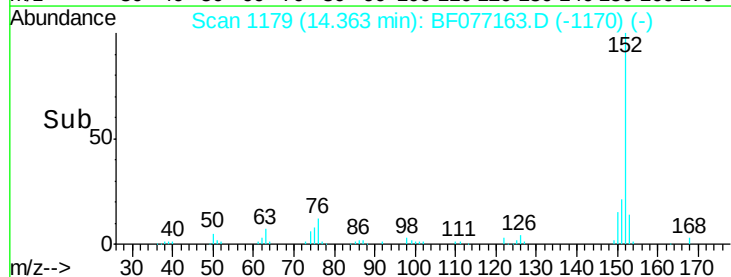
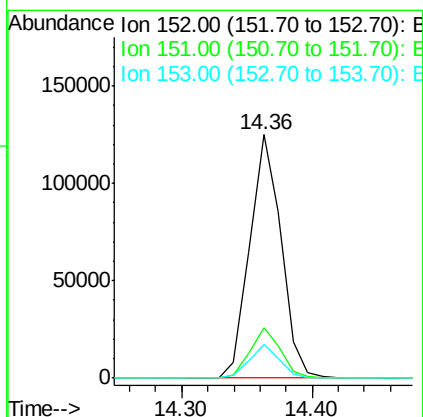
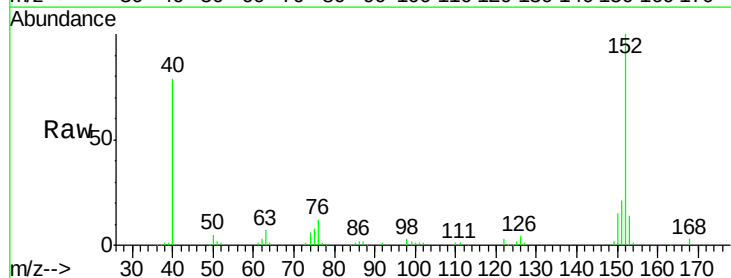
Manual Integrations
APPROVED

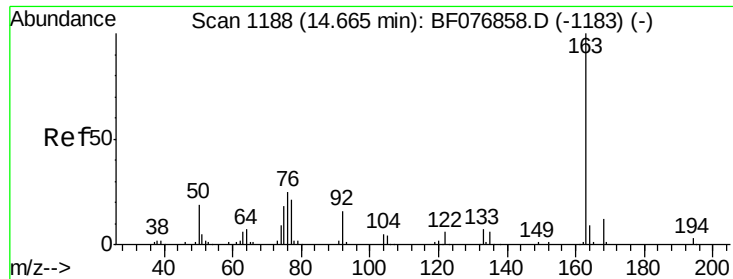
apatel
2/4/2015 1:54:24 PM



#48
Acenaphthylene
Concen: 39.17 ng
RT: 14.36 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion: 152 Resp: 210427
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.7 10.2 15.4





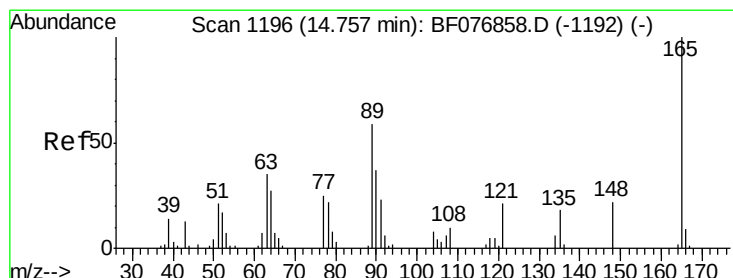
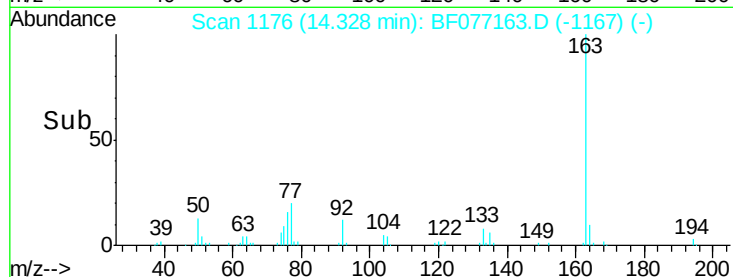
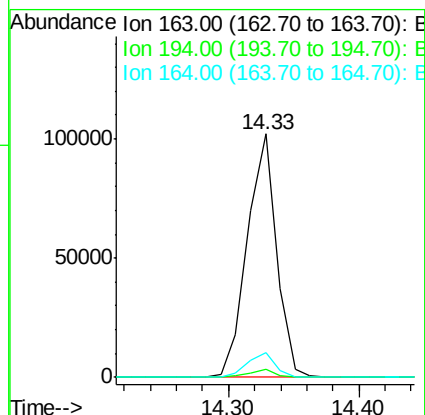
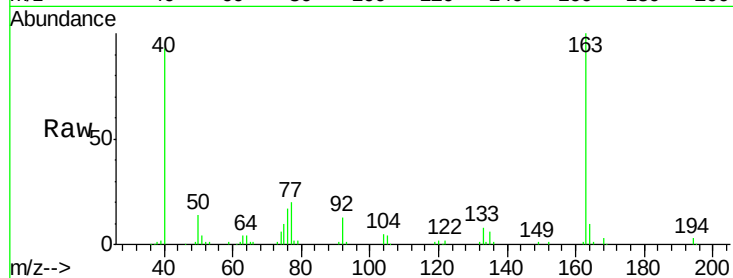
#49
Dimethylphthalate
Concen: 43.20 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampled :
PB81581BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	10.2	7.5	11.3

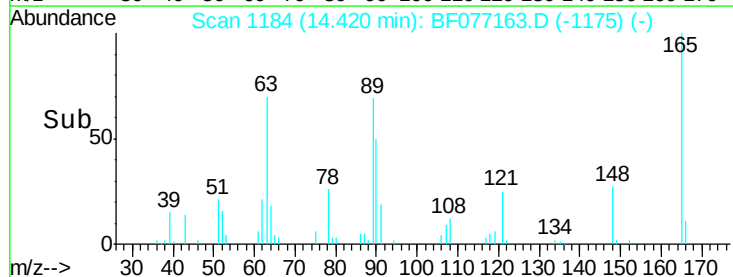
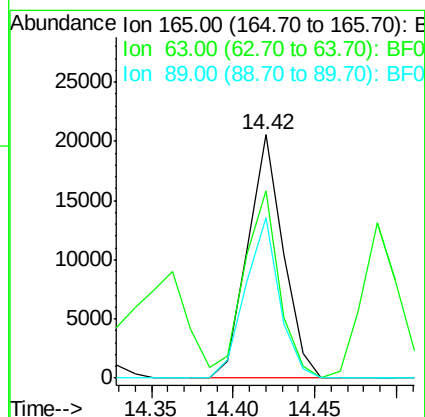
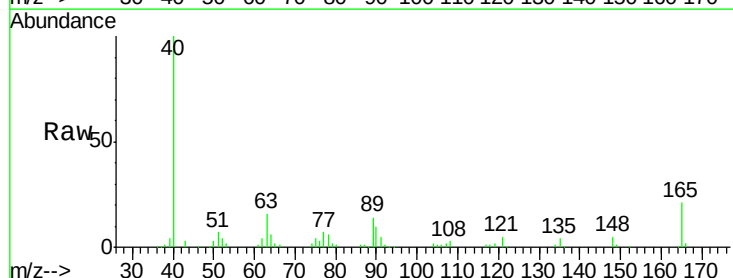
Manual Integrations
APPROVED

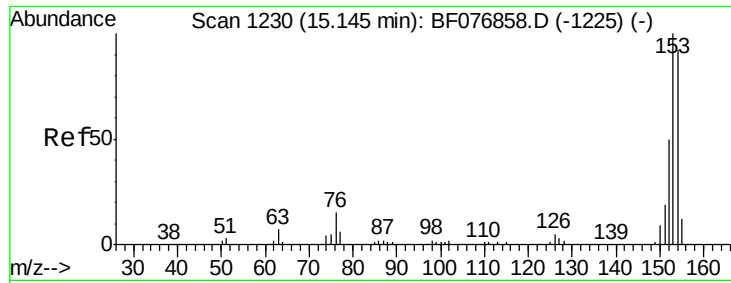
apatel
2/4/2015 1:54:24 PM



#50
2,6-Dinitrotoluene
Concen: 41.88 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	77.1	48.1	72.1#
89	66.1	47.2	70.8





#51

Acenaphthene

Concen: 38.70 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077163.D

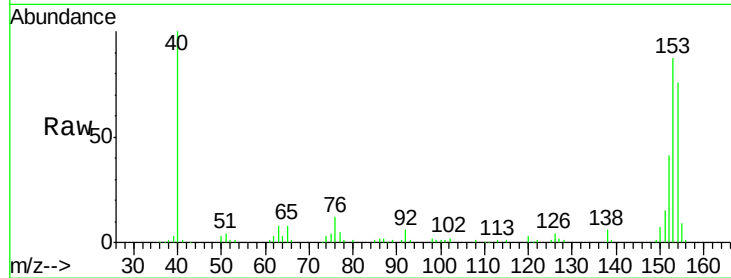
Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

ClientSampleId :

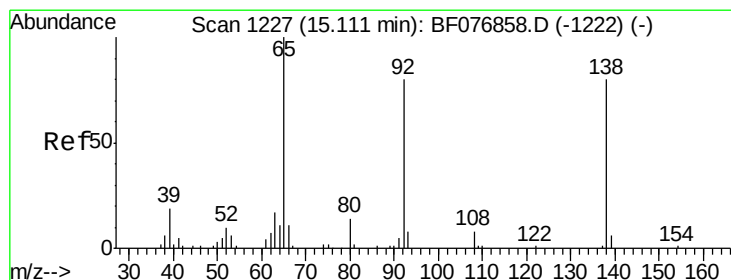
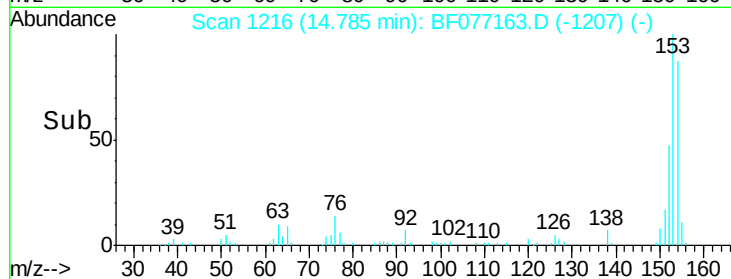
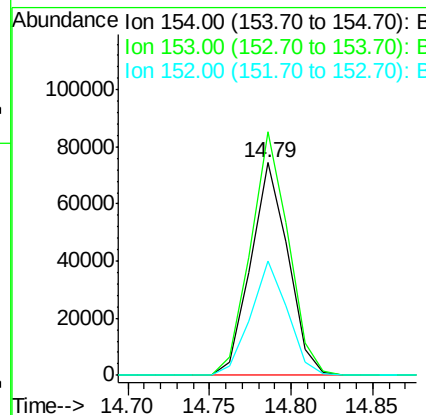
PB81581BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.4	87.0	130.6	
152	53.9	43.5	65.3	

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#52

3-Nitroaniline

Concen: 26.29 ng

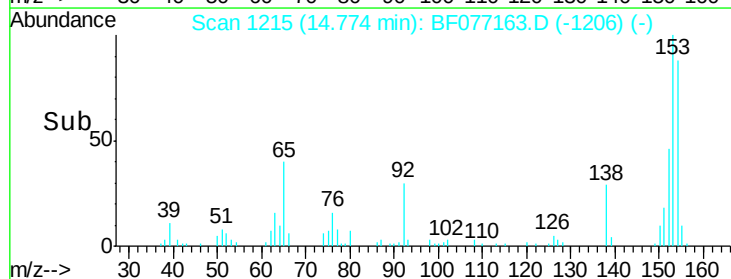
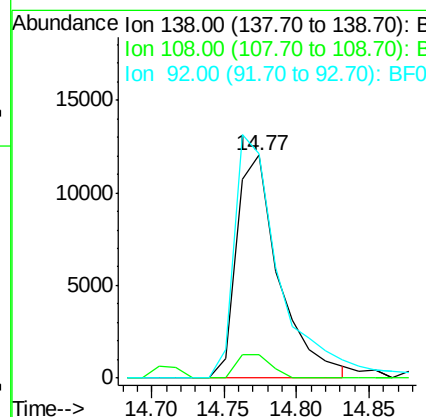
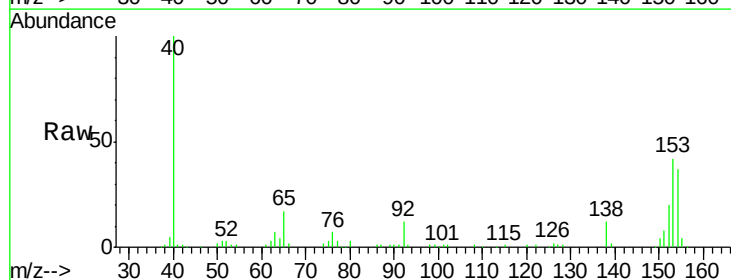
RT: 14.77 min Scan# 1215

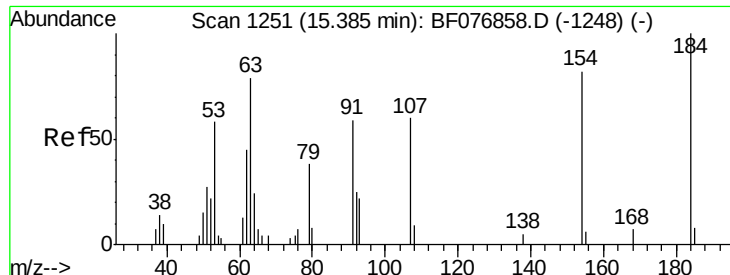
Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	8.3	12.5	
92	101.0	80.9	121.3	





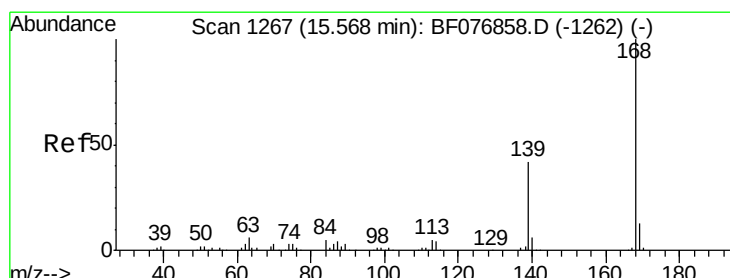
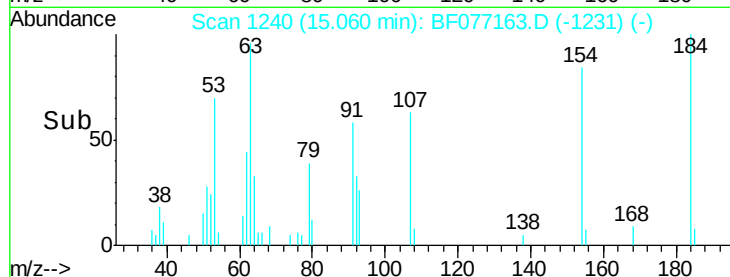
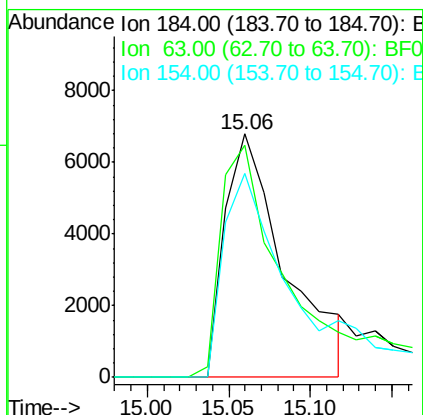
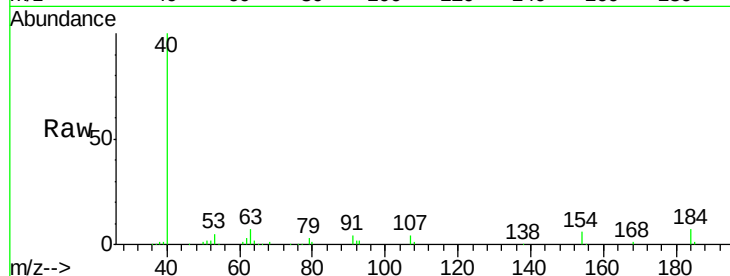
#53
 2,4-Dinitrophenol
 Concen: 54.70 ng
 RT: 15.06 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	17476		
63	95.6	63.0	94.6#	
154	83.8	65.5	98.3	

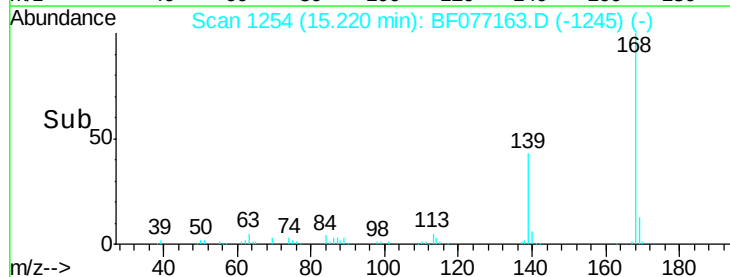
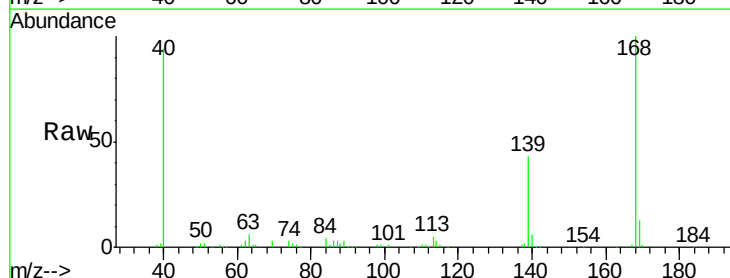
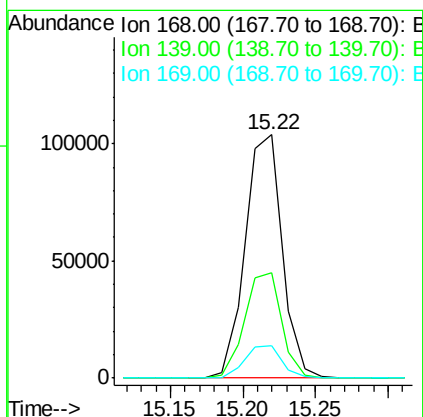
Manual Integrations
 APPROVED

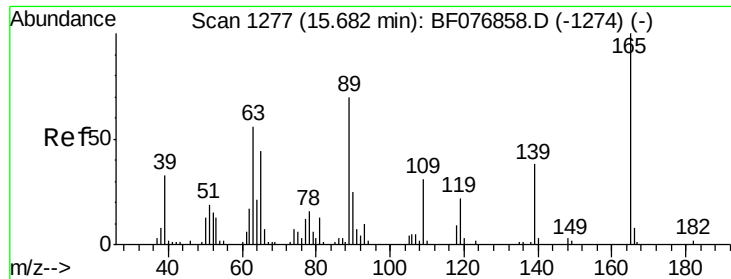
apatel
 2/4/2015 1:54:24 PM



#54
 Dibenzofuran
 Concen: 41.34 ng
 RT: 15.22 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	183546		
139	43.1	33.4	50.2	
169	13.1	10.6	15.8	





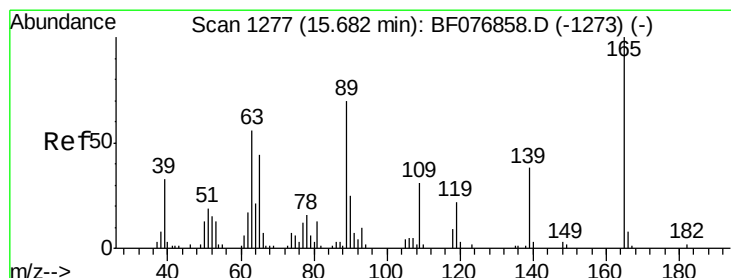
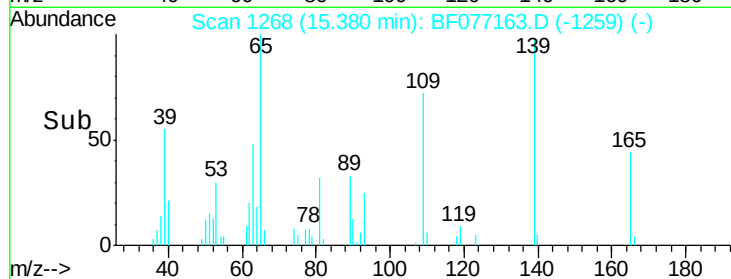
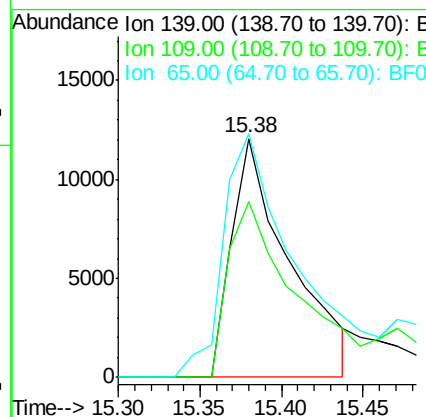
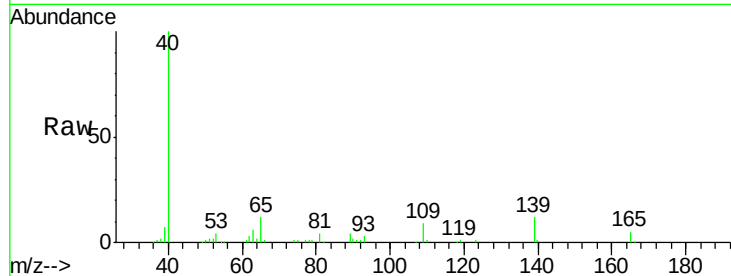
#55
4-Nitrophenol
Concen: 51.01 ng
RT: 15.38 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	29600		
109	73.8	61.0	101.0	
65	102.0	96.6	136.6	

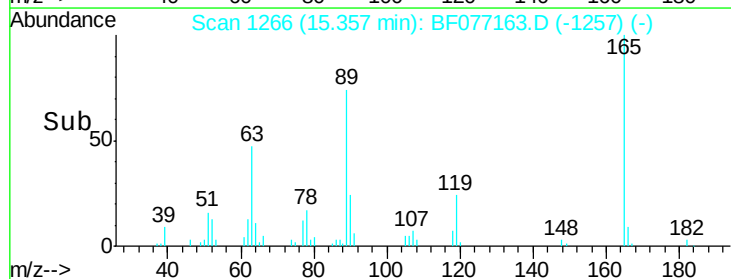
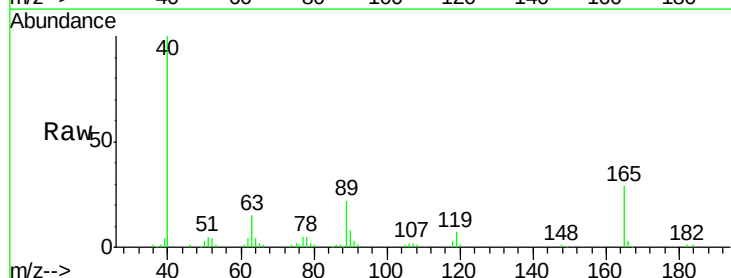
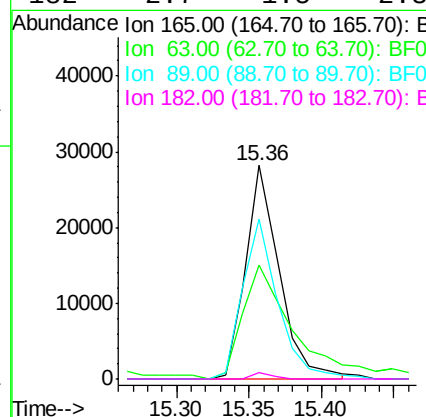
Manual Integrations
APPROVED

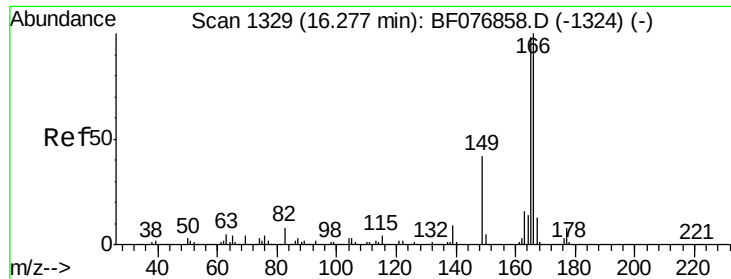
apatel
2/4/2015 1:54:24 PM



#56
2,4-Dinitrotoluene
Concen: 41.36 ng
RT: 15.36 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45518		
63	53.2	44.8	67.2	
89	75.1	56.2	84.2	
182	2.7	1.5	2.3#	





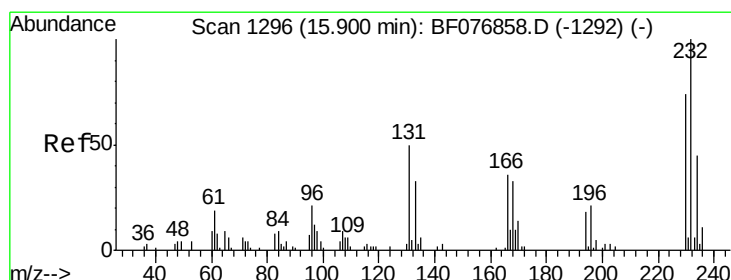
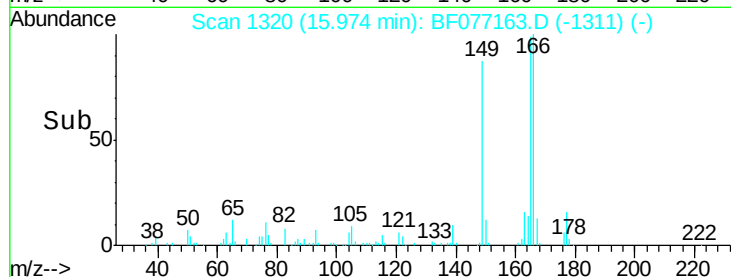
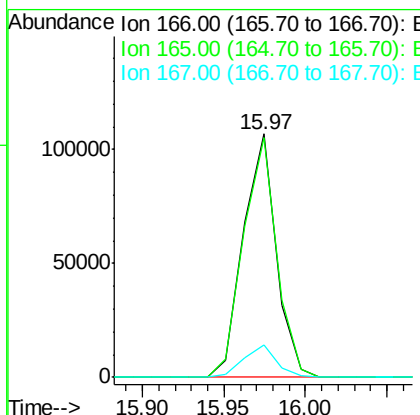
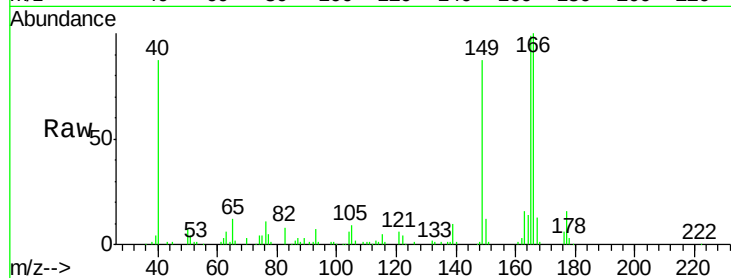
#57
 Fluorene
 Concen: 39.74 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	149469		
165	98.5	78.5	117.7	
167	13.3	10.4	15.6	

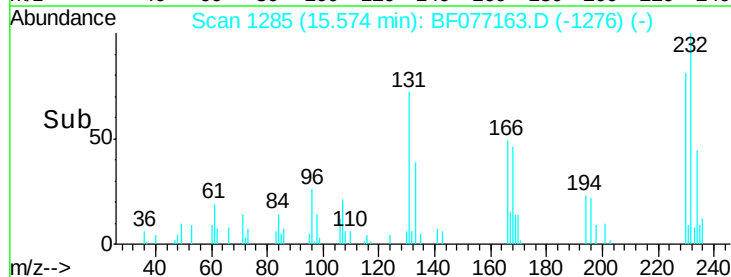
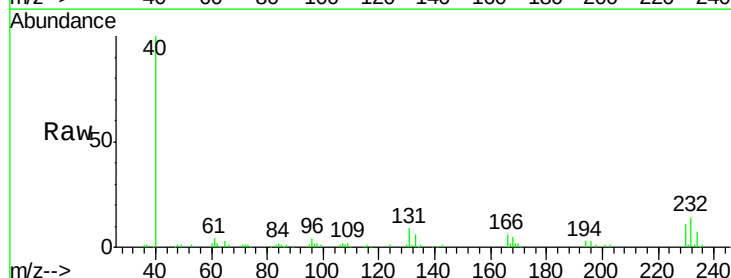
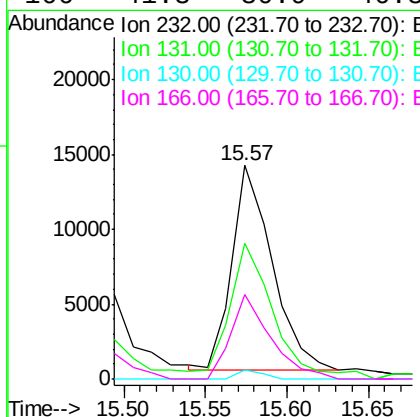
Manual Integrations
 APPROVED

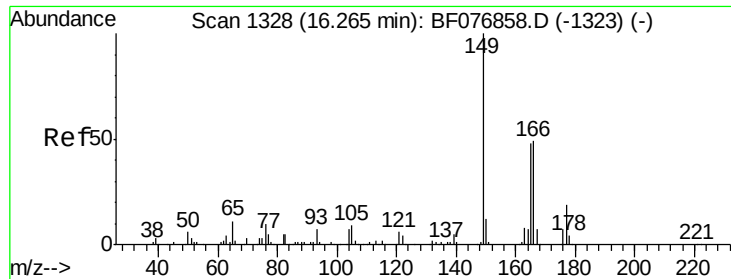
apatel
 2/4/2015 1:54:24 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.32 ng
 RT: 15.57 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	23266		
131	61.3	45.0	67.6	
130	2.8	2.6	3.8	
166	41.3	30.9	46.3	





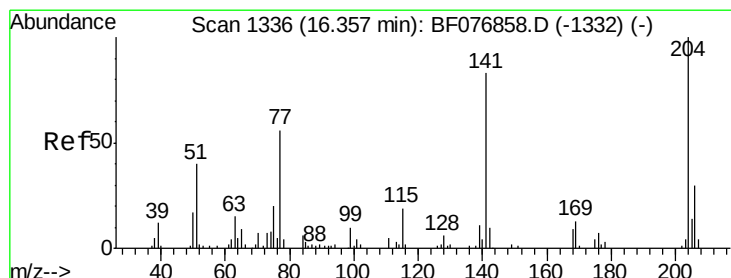
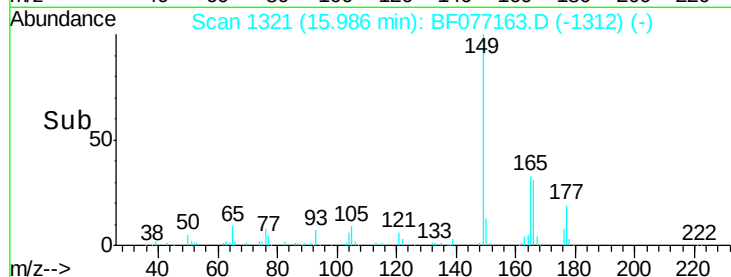
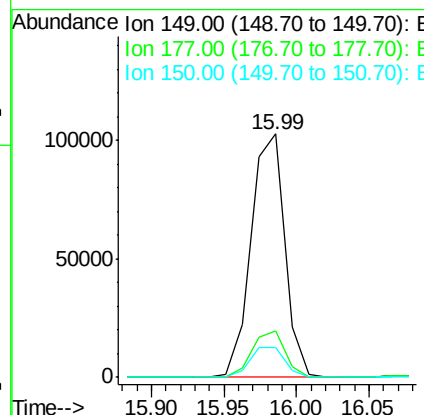
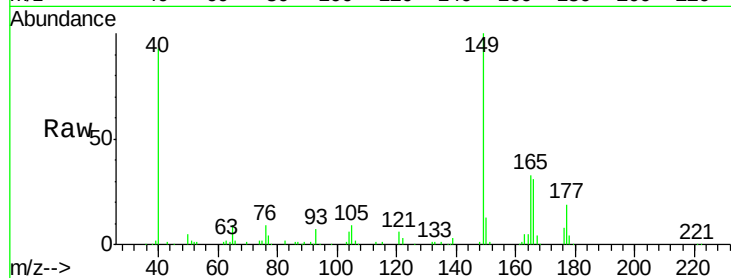
#59
Diethylphthalate
Concen: 44.42 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	18.9	15.0	22.6
150	12.5	9.4	14.0

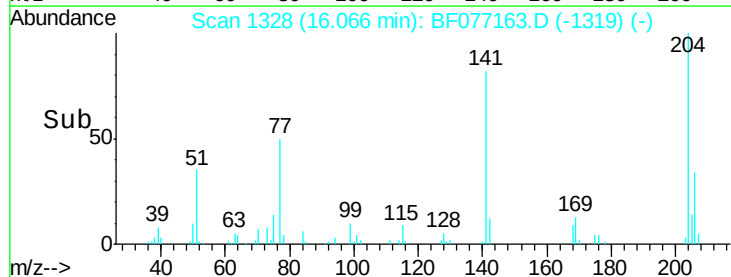
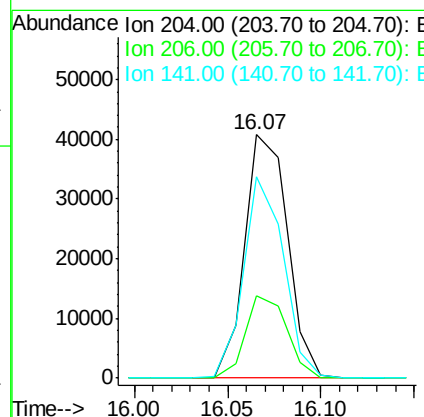
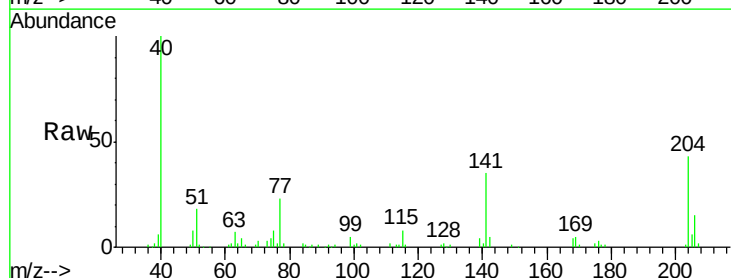
Manual Integrations
APPROVED

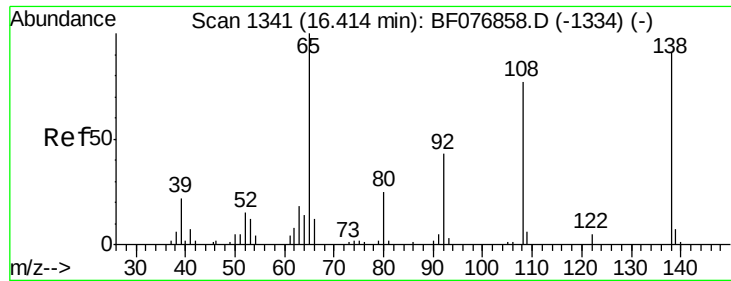
apatel
2/4/2015 1:54:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.21 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.8	24.2	36.2
141	82.5	66.7	100.1





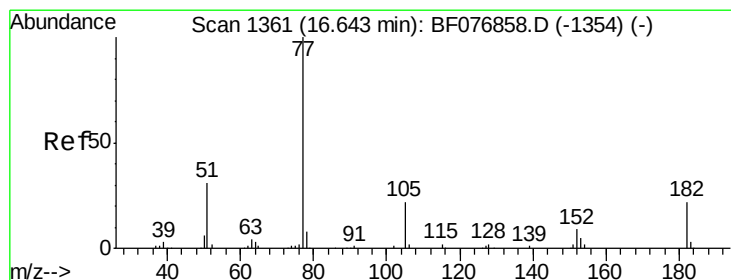
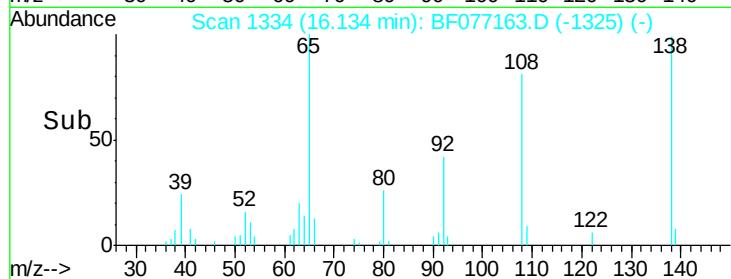
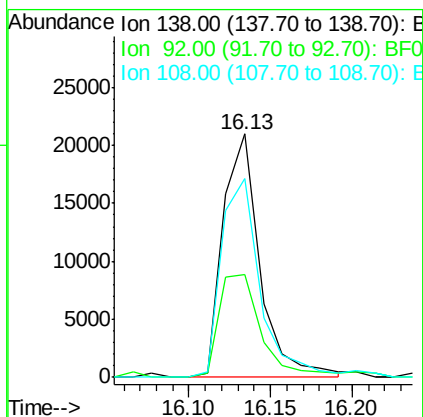
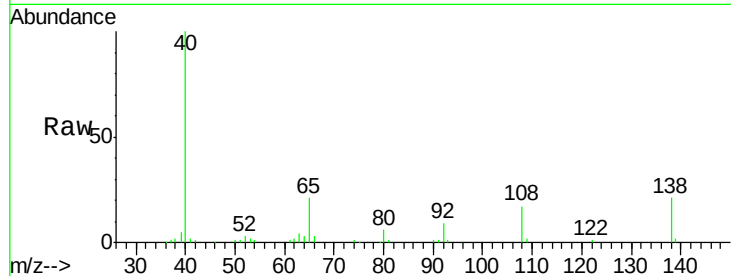
#61
4-Nitroaniline
Concen: 35.48 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.3	26.7	66.7
108	81.7	64.5	104.5

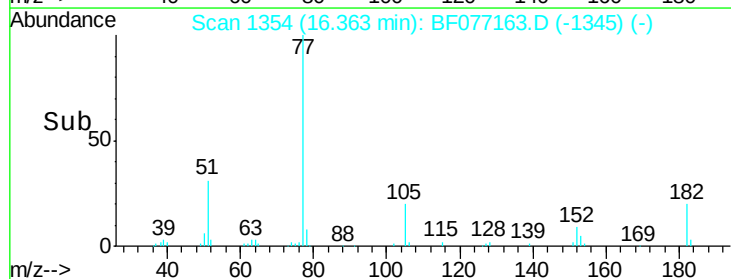
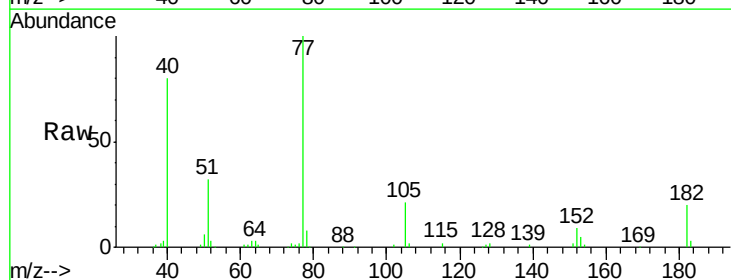
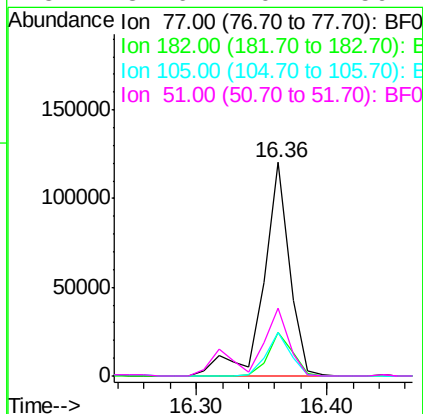
Manual Integrations
APPROVED

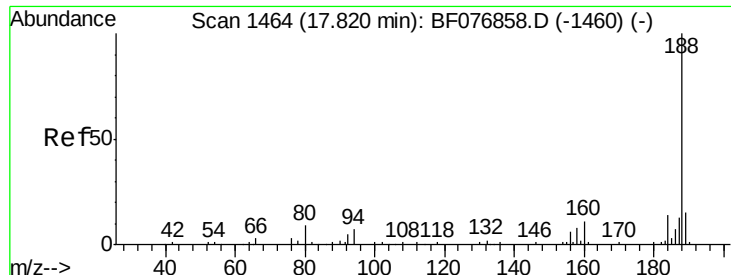
apatel
2/4/2015 1:54:24 PM



#62
Azobenzene
Concen: 43.31 ng
RT: 16.36 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	2.0	42.0
105	20.6	2.3	42.3
51	31.6	10.7	50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

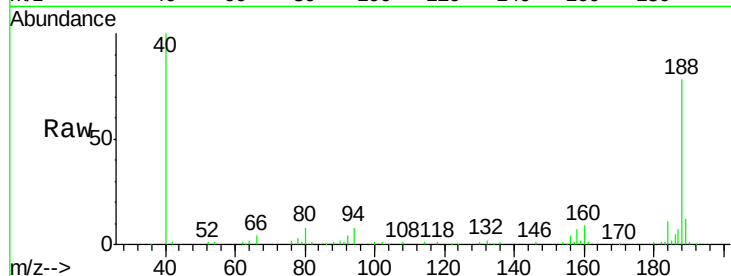
ClientSampled :

PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	100112		
94	9.9	6.0	9.0#	
80	10.1	6.9	10.3	

Manual Integrations
APPROVED

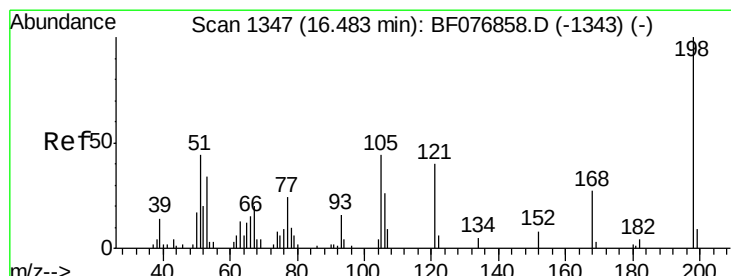
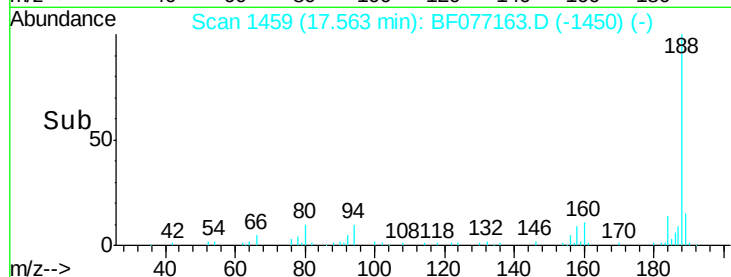
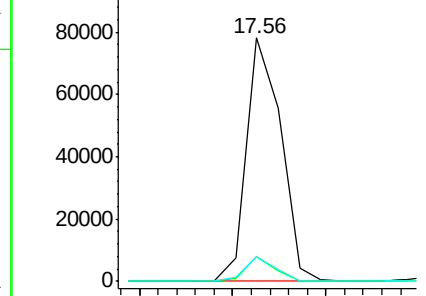
apatel
2/4/2015 1:54:24 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.07 ng

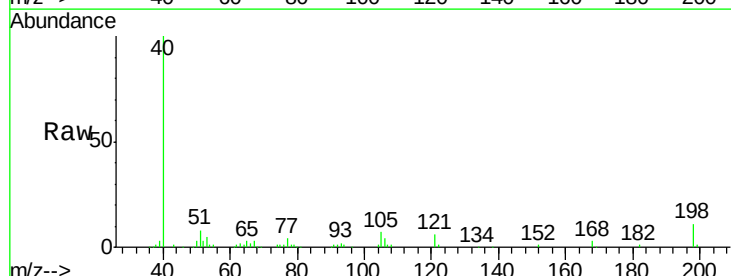
RT: 16.20 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

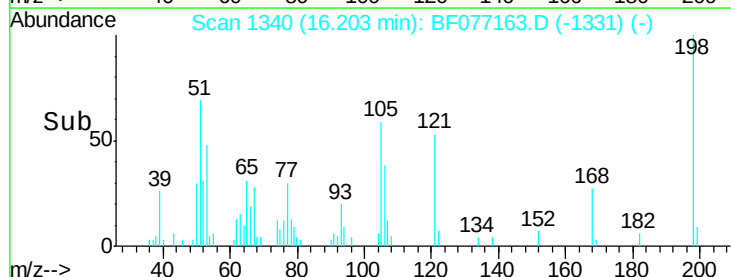
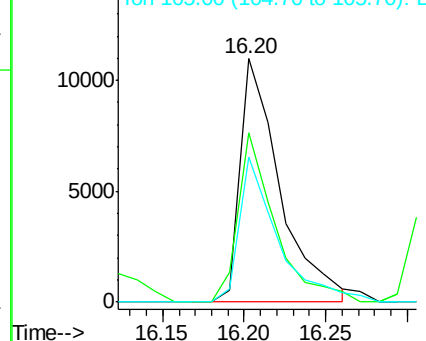
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18494		
51	69.5	24.2	64.2#	
105	59.4	24.0	64.0	

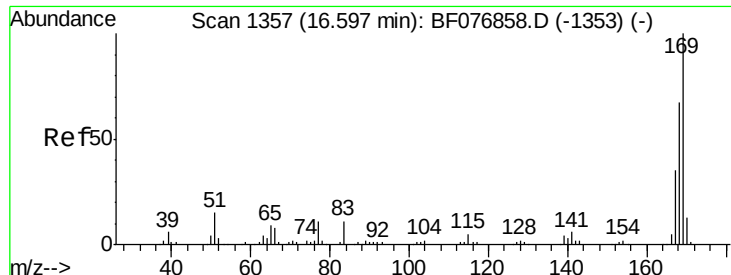


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





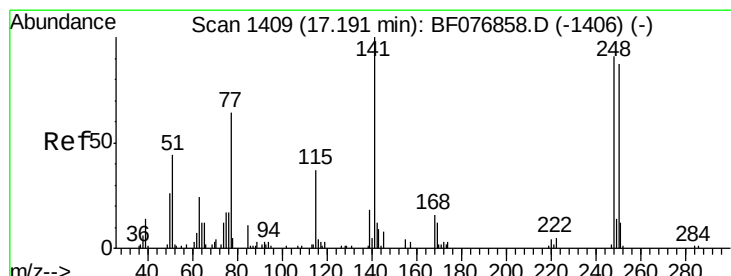
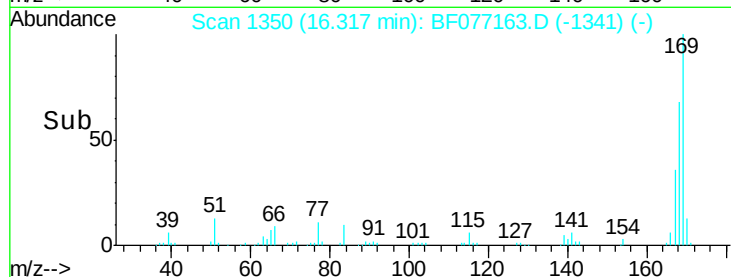
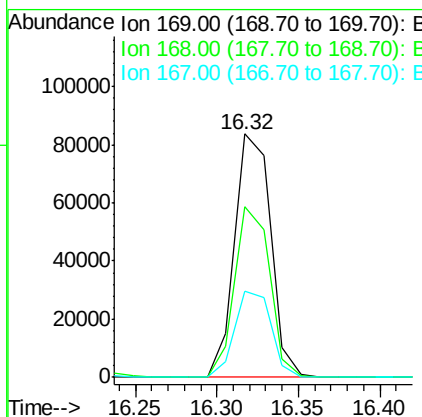
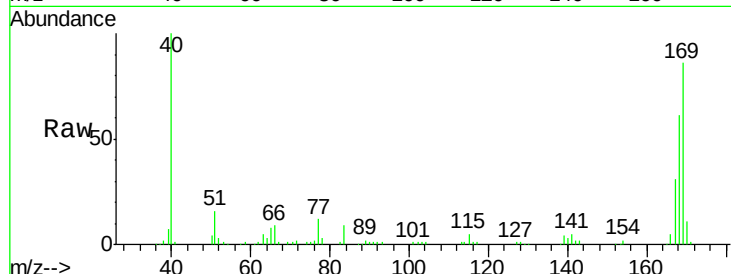
#65
 n-Nitrosodiphenylamine
 Concen: 35.86 ng
 RT: 16.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	128025		
168	70.3	53.8	80.6	
167	35.4	27.8	41.6	

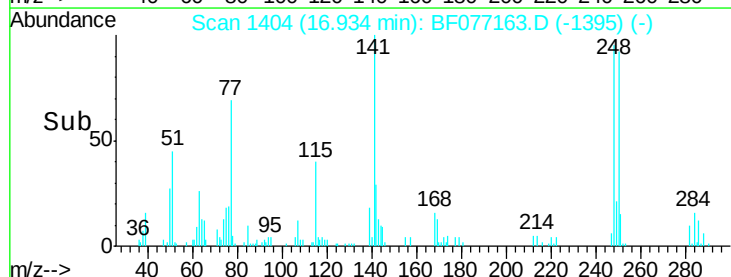
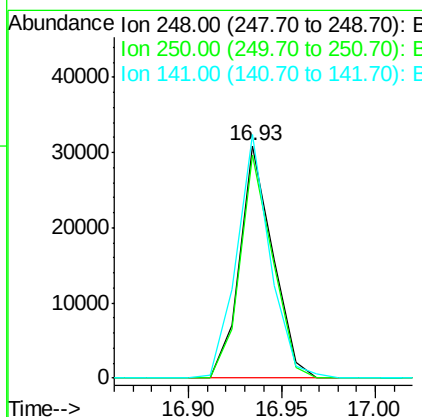
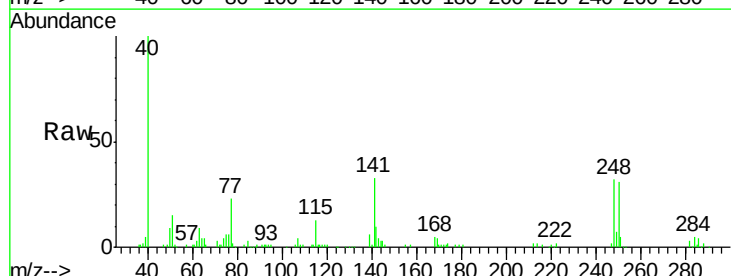
Manual Integrations
 APPROVED

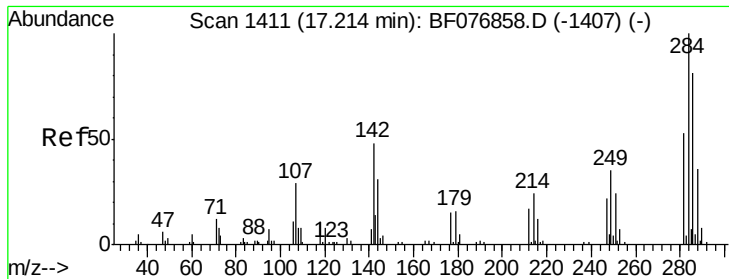
apatel
 2/4/2015 1:54:24 PM



#66
 4-Bromophenyl-phenylether
 Concen: 37.69 ng
 RT: 16.93 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	38228		
250	96.0	77.1	115.7	
141	104.8	88.2	132.4	





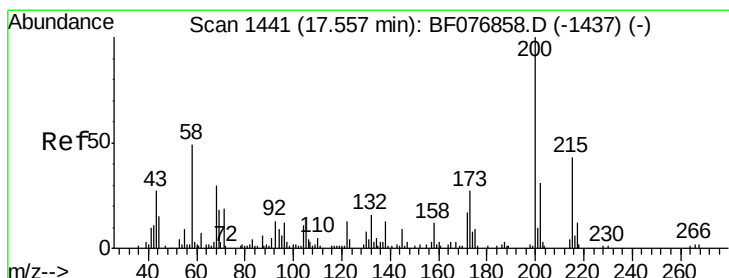
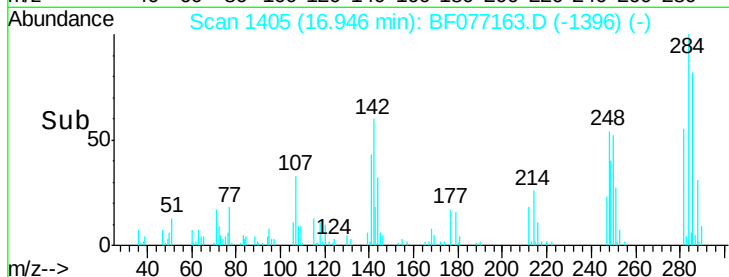
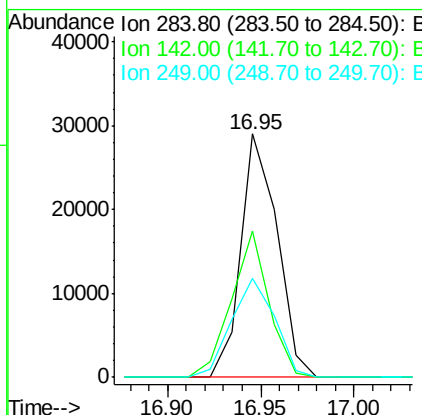
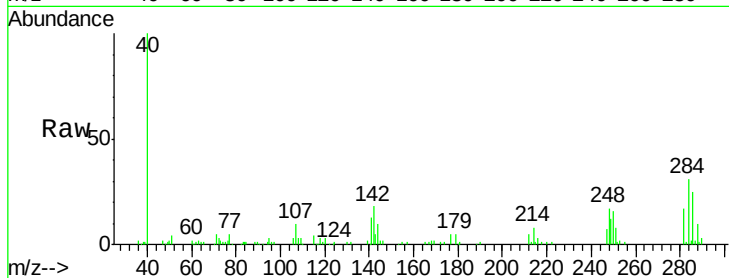
#67
Hexachlorobenzene
Concen: 36.54 ng
RT: 16.95 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	39057		
142	60.1	38.2	57.4#	
249	40.5	28.2	42.2	

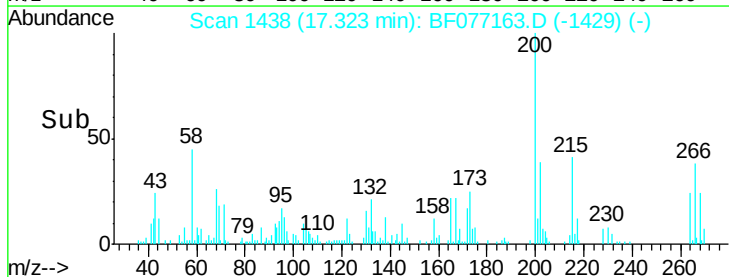
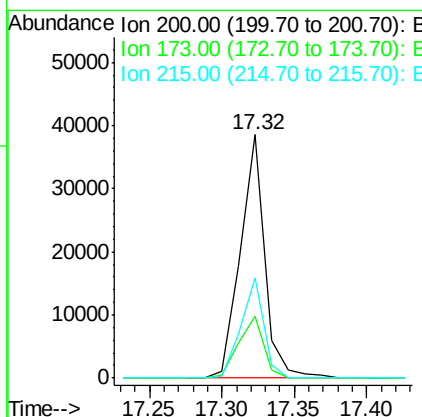
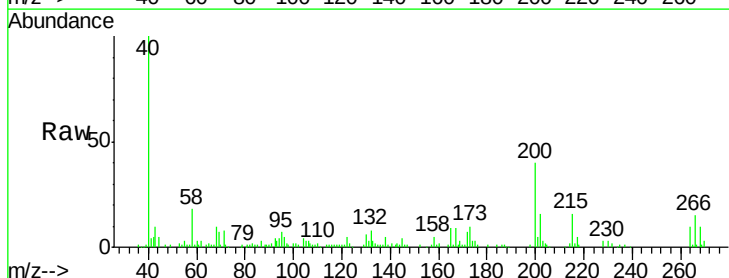
Manual Integrations
APPROVED

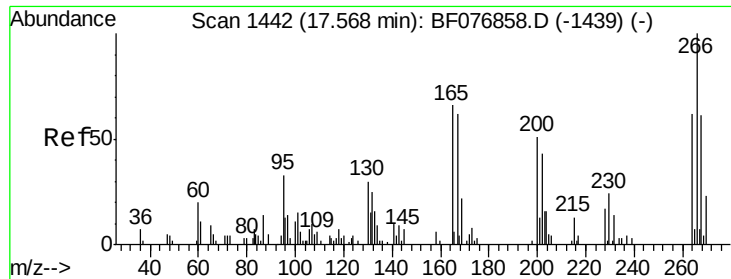
apatel
2/4/2015 1:54:24 PM



#68
Atrazine
Concen: 41.54 ng
RT: 17.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	45001		
173	25.2	6.6	46.6	
215	41.2	22.9	62.9	





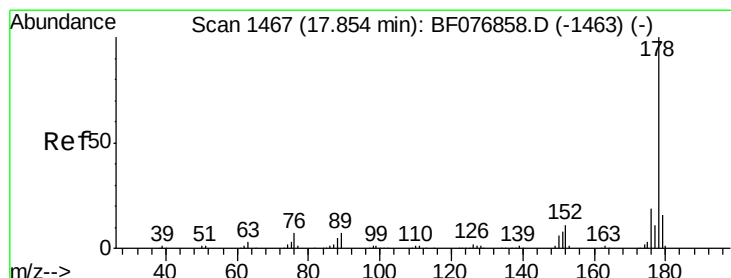
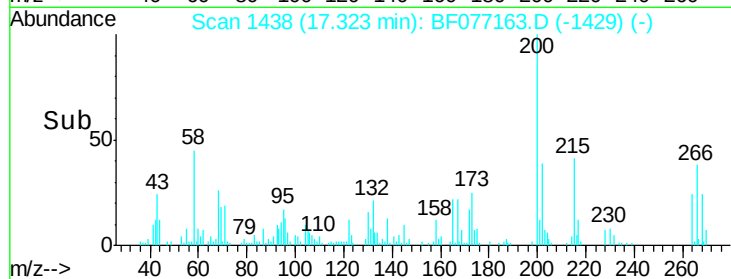
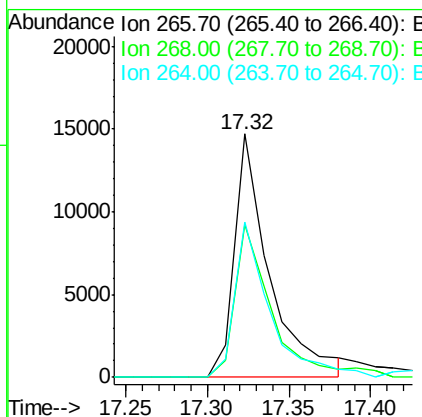
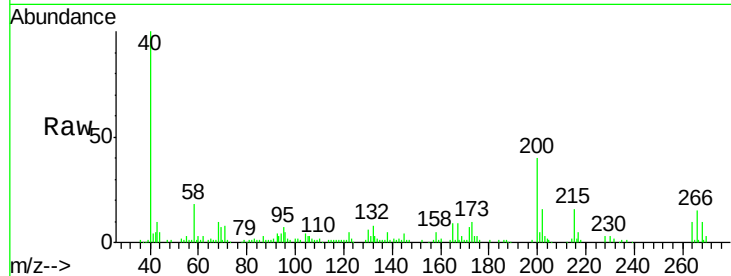
#69
 Pentachlorophenol
 Concen: 47.67 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	21870		
268	62.8	48.6	72.8	
264	63.5	49.5	74.3	

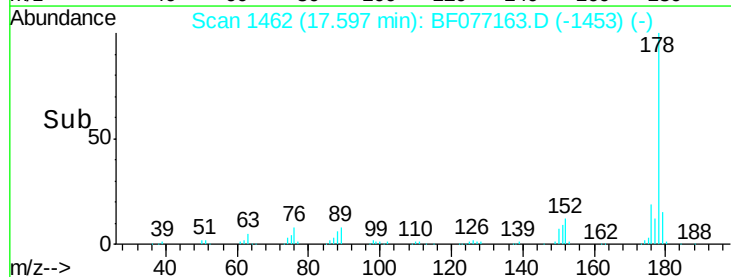
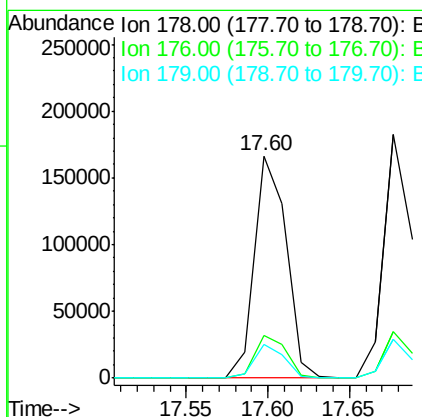
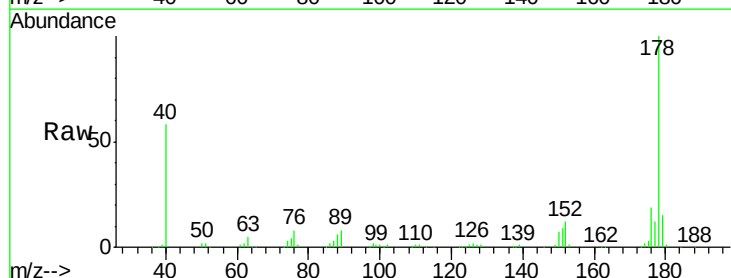
Manual Integrations
 APPROVED

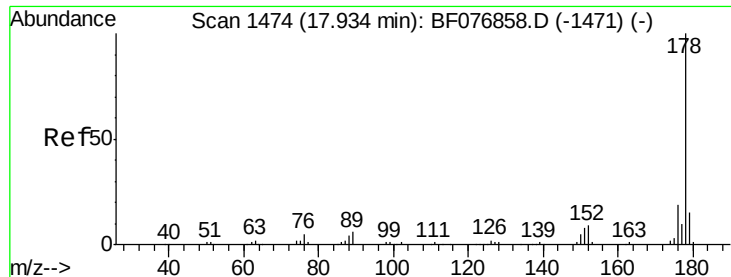
apatel
 2/4/2015 1:54:24 PM



#70
 Phenanthrene
 Concen: 36.20 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	225990		
176	19.4	15.1	22.7	
179	15.0	12.7	19.1	





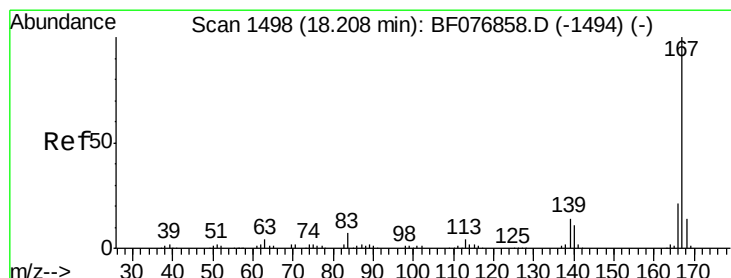
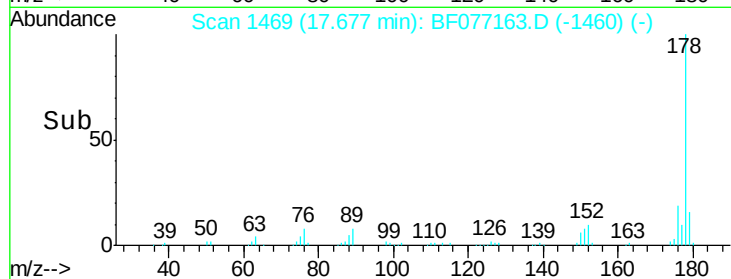
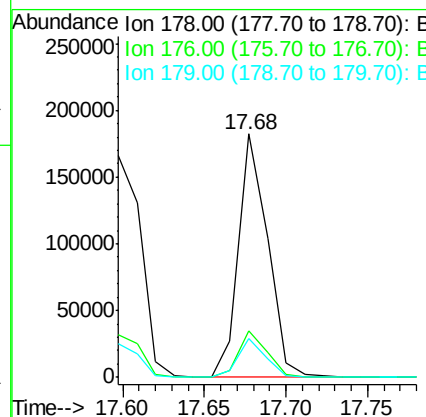
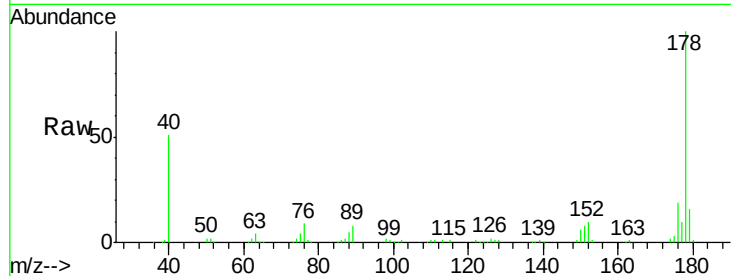
#71
 Anthracene
 Concen: 36.94 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	224916		
176	19.0	15.4	23.0	
179	15.8	11.9	17.9	

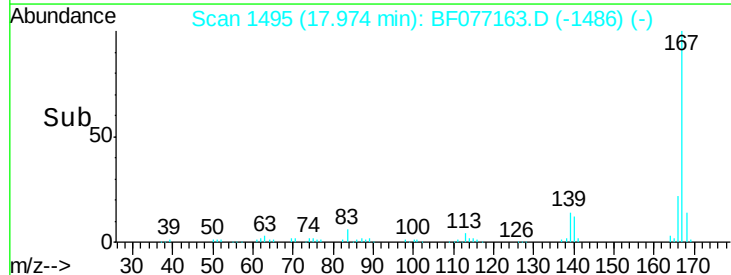
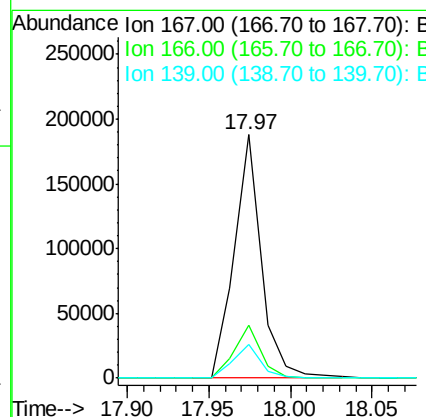
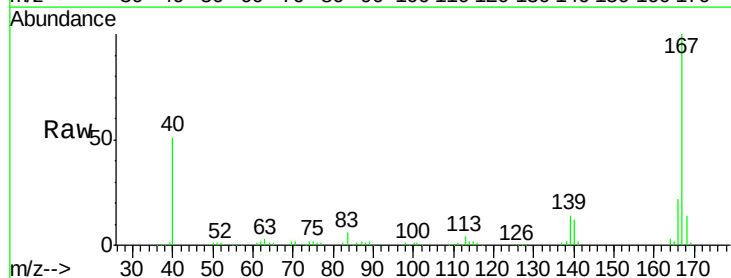
Manual Integrations
 APPROVED

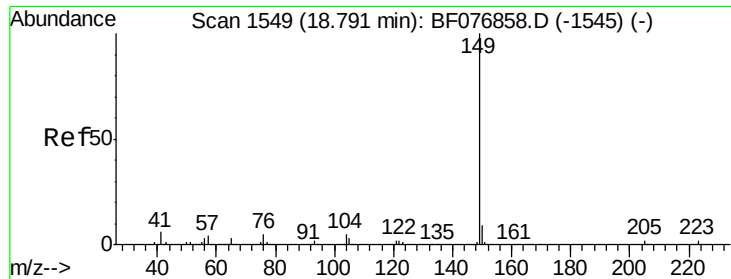
apatel
 2/4/2015 1:54:24 PM



#72
 Carbazole
 Concen: 36.41 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	215025		
166	21.8	17.0	25.6	
139	14.0	11.3	16.9	





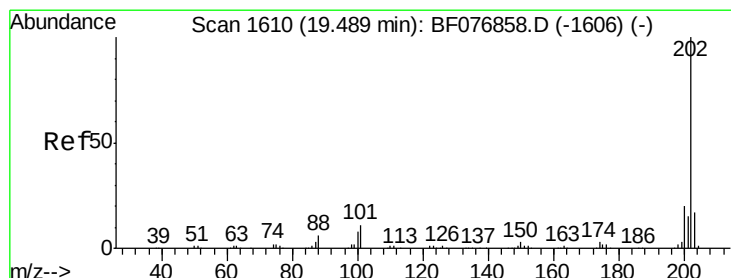
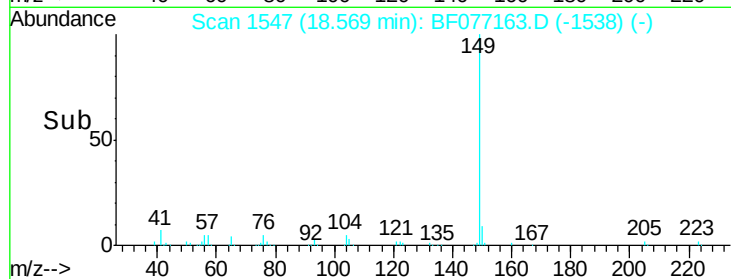
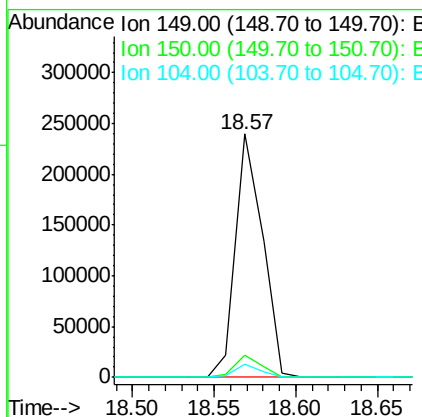
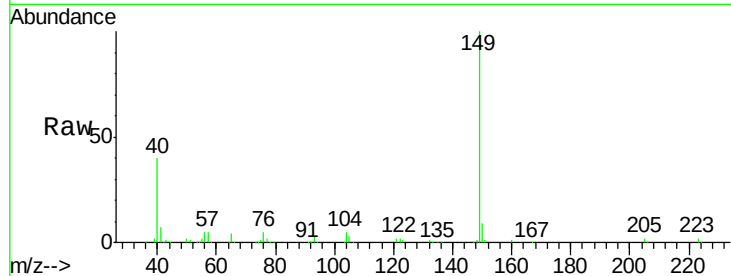
#73
 Di-n-butylphthalate
 Concen: 40.18 ng
 RT: 18.57 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion:	149	Resp:	274642
Ion Ratio	Lower	Upper	
149	100		
150	9.1	6.9	10.3
104	5.4	3.7	5.5

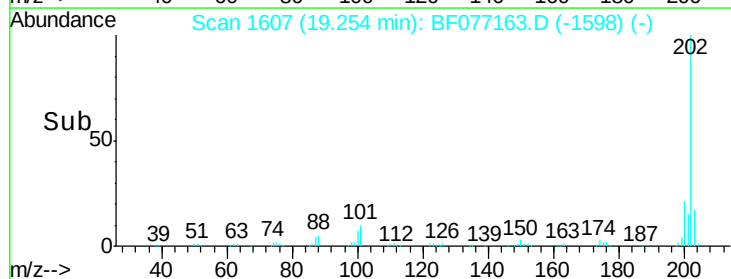
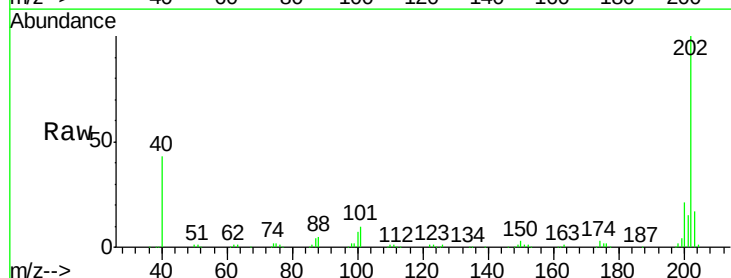
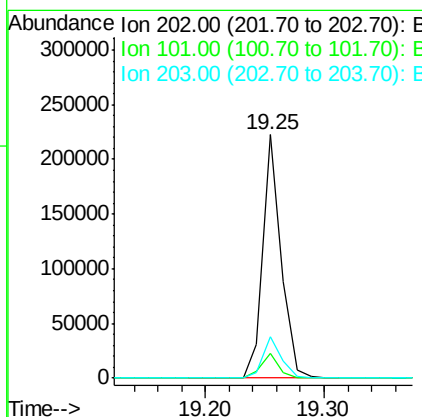
Manual Integrations
 APPROVED

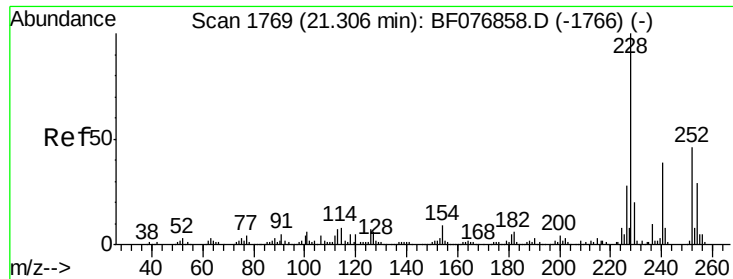
apatel
 2/4/2015 1:54:24 PM



#74
 Fluoranthene
 Concen: 37.74 ng
 RT: 19.25 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion:	202	Resp:	241460
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.7
203	16.8	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.09 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

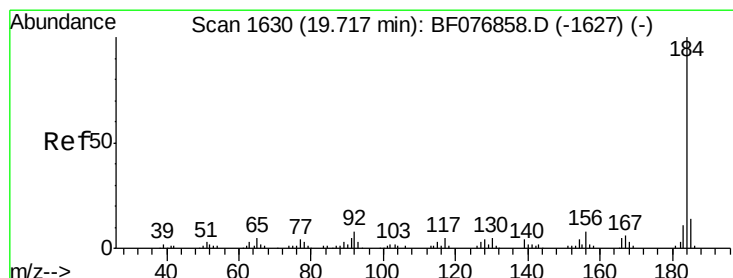
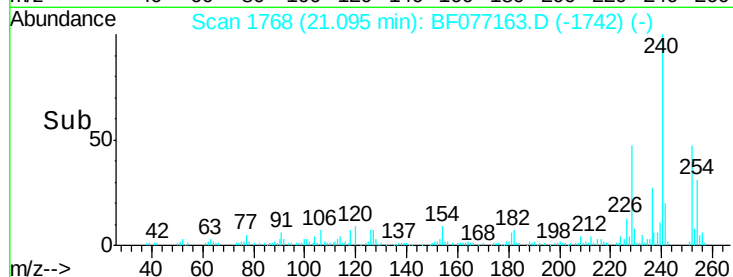
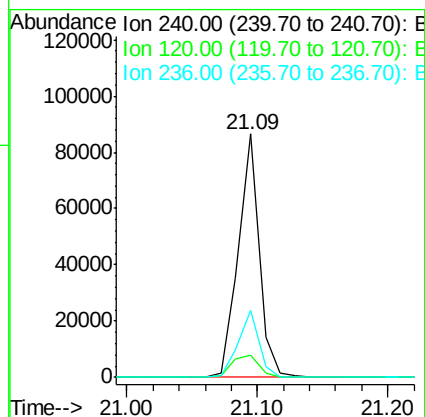
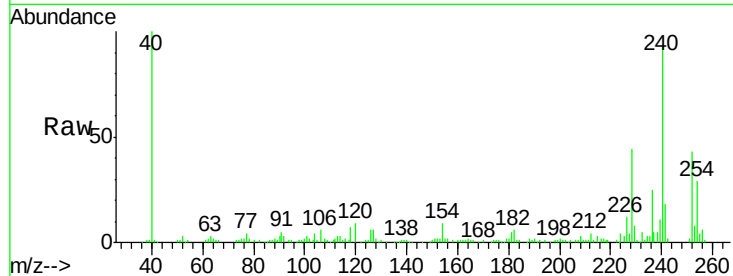
ClientSampleId :

PB81581BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	95726		
120	9.3	10.4	15.6	
236	27.3	20.2	30.2	

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#76

Benzidine

Concen: 31.03 ng

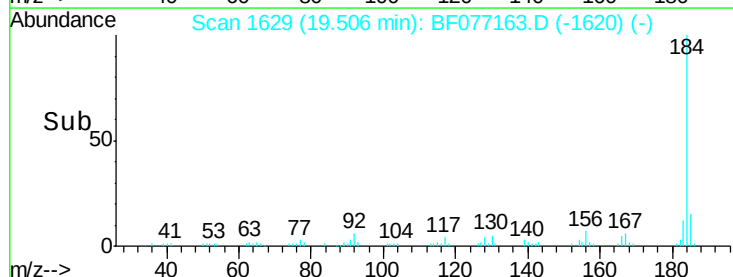
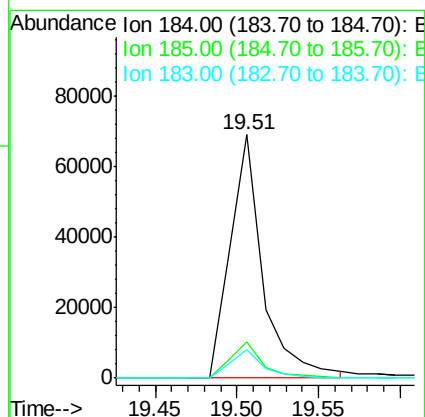
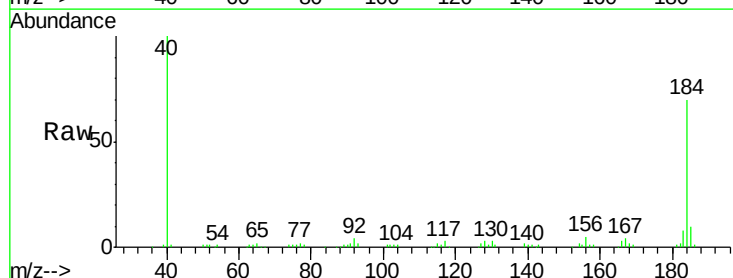
RT: 19.51 min Scan# 1629

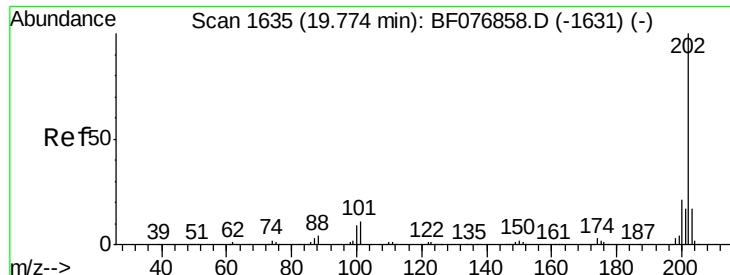
Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	95045		
185	14.8	11.4	17.2	
183	11.9	9.0	13.6	





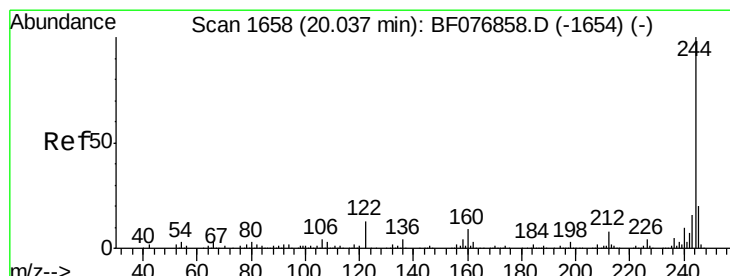
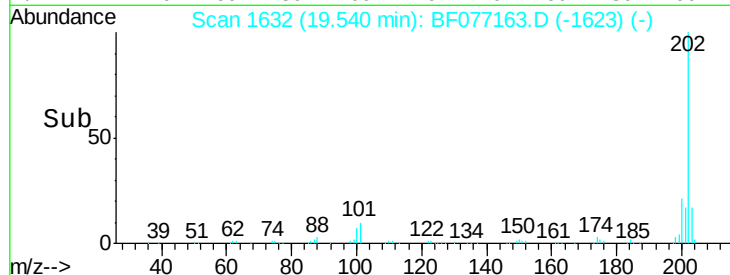
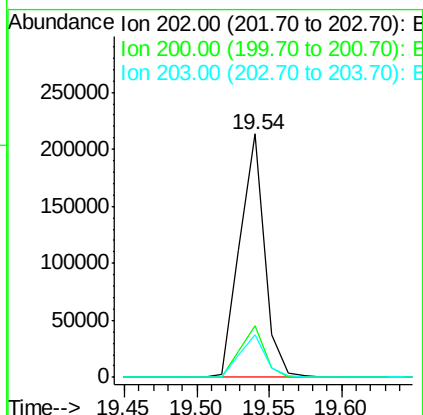
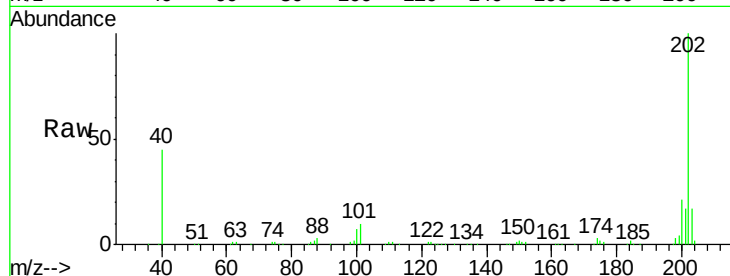
#77
 Pyrene
 Concen: 38.90 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	16.7	25.1
203	17.4	14.0	21.0

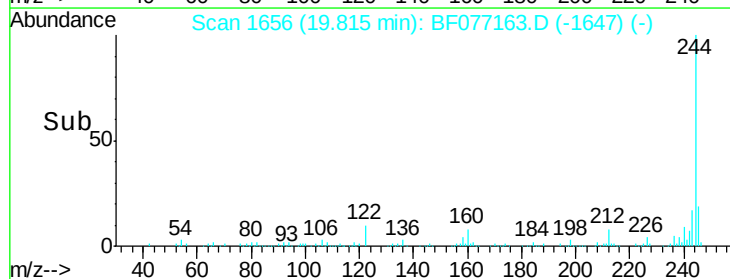
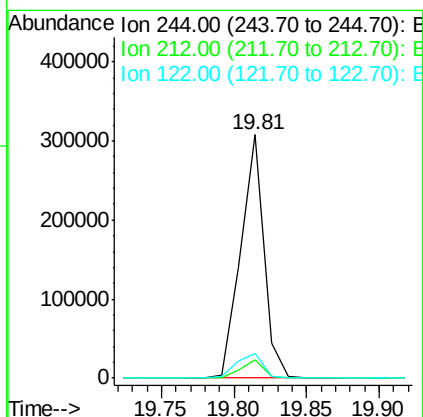
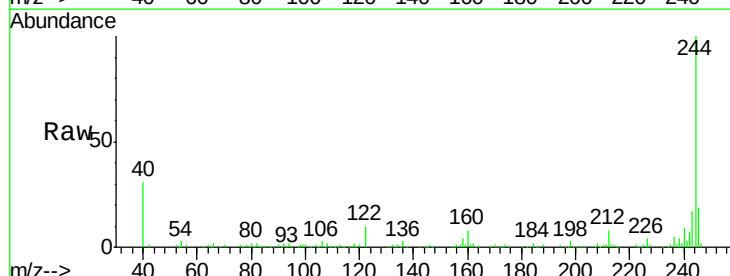
Manual Integrations
 APPROVED

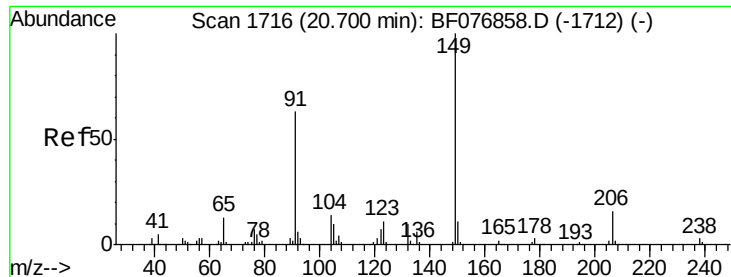
apatel
 2/4/2015 1:54:24 PM



#78
 Terphenyl-d14
 Concen: 82.34 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	6.3	9.5
122	10.2	10.1	15.1





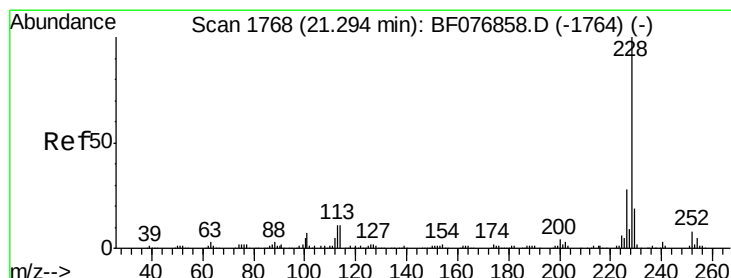
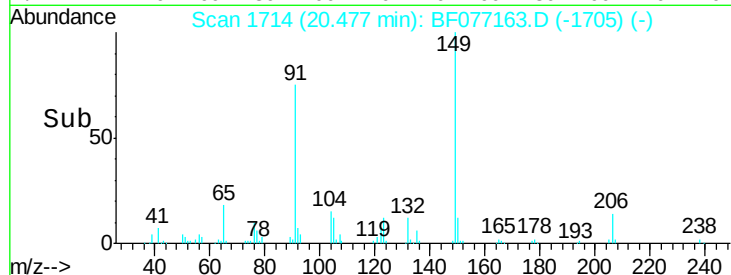
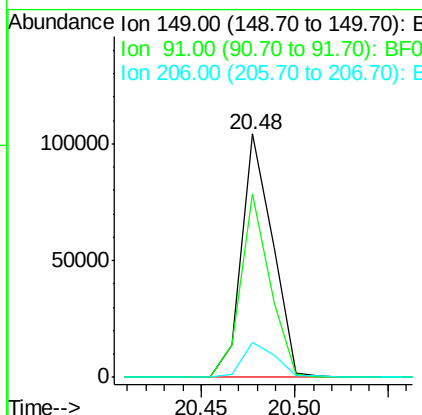
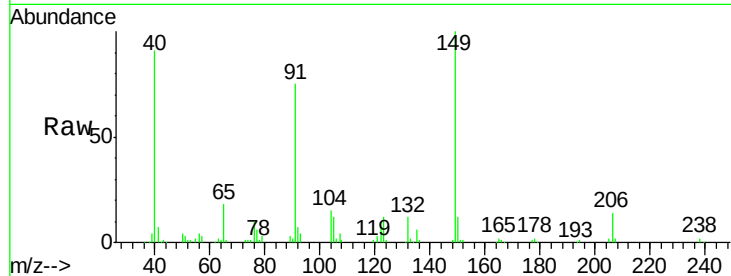
#79
Butylbenzylphthalate
Concen: 40.57 ng
RT: 20.48 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.3	50.6	76.0
206	14.3	12.8	19.2

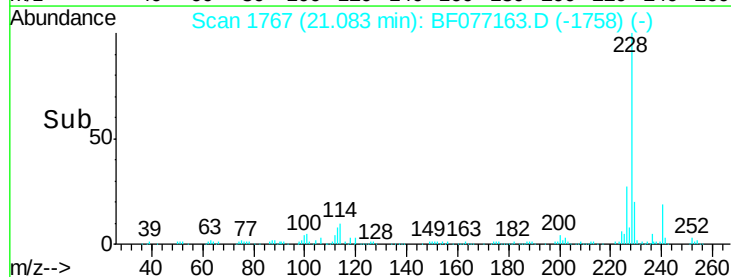
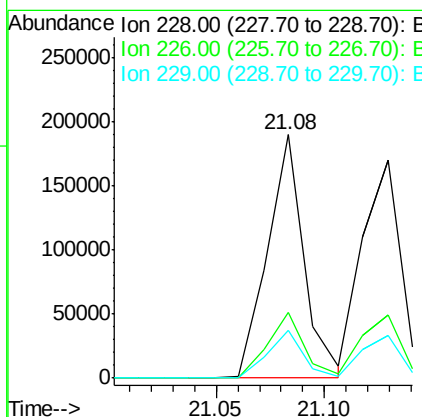
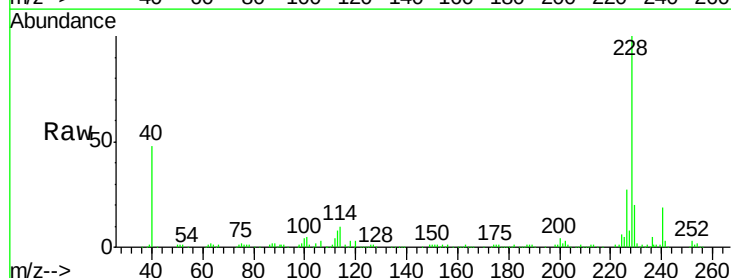
Manual Integrations
APPROVED

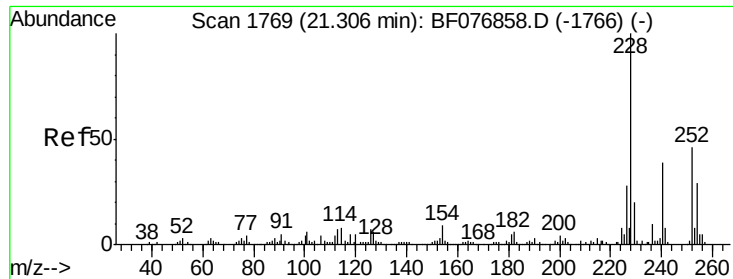
apatel
2/4/2015 1:54:24 PM



#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 21.08 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.0	22.1	33.1
229	19.6	15.5	23.3





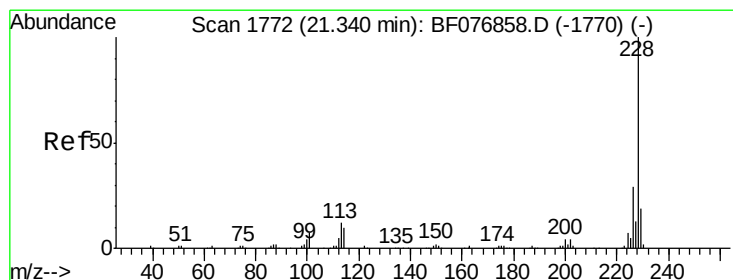
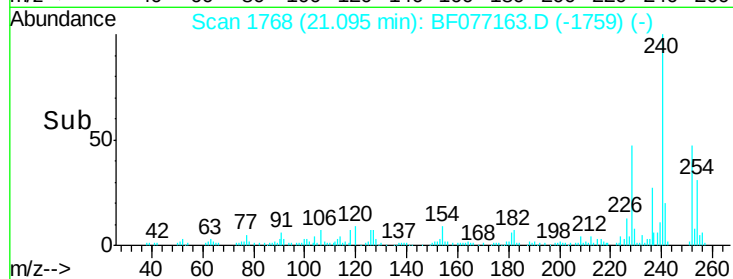
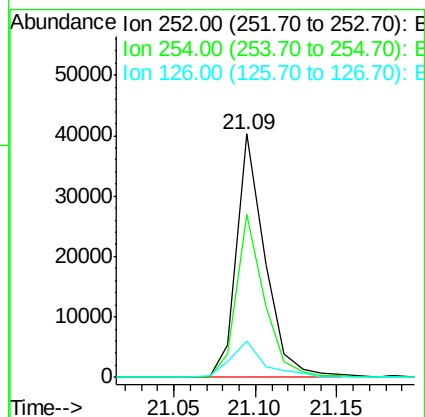
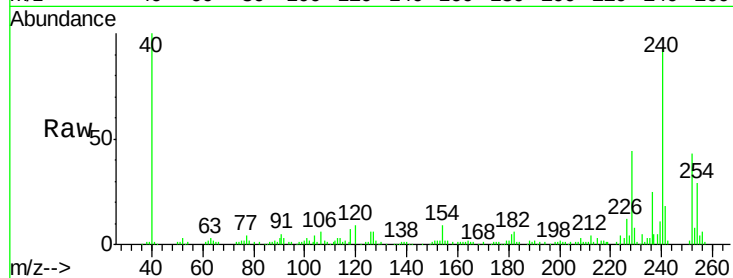
#81
 3,3'-Dichlorobenzidine
 Concen: 25.54 ng
 RT: 21.09 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.2	75.4
126	14.8	11.5	17.3

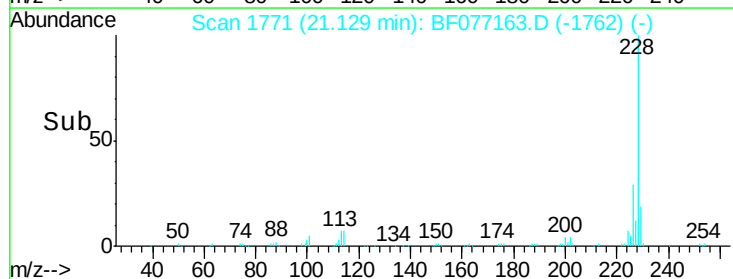
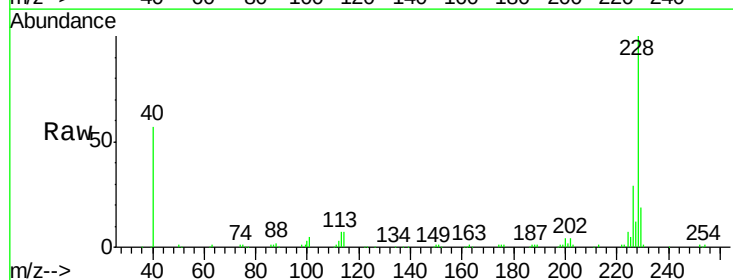
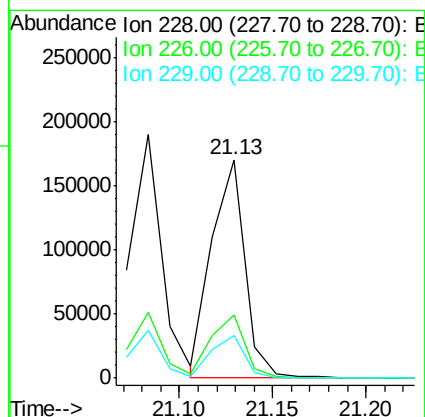
Manual Integrations
 APPROVED

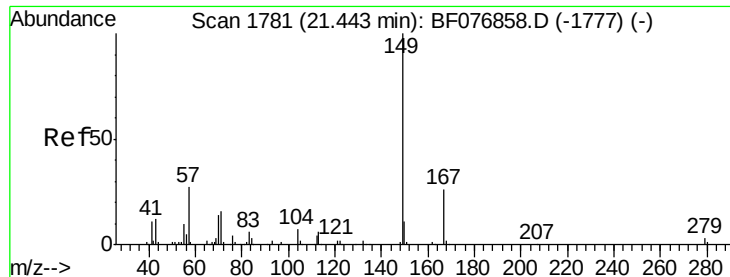
apatel
 2/4/2015 1:54:24 PM



#82
 Chrysene
 Concen: 38.72 ng
 RT: 21.13 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	19.4	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.83 ng

RT: 21.24 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Instrument :

BNA_F

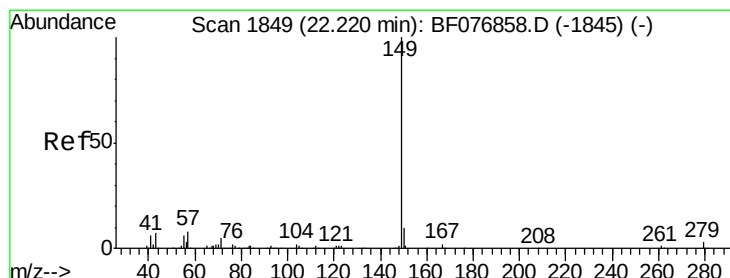
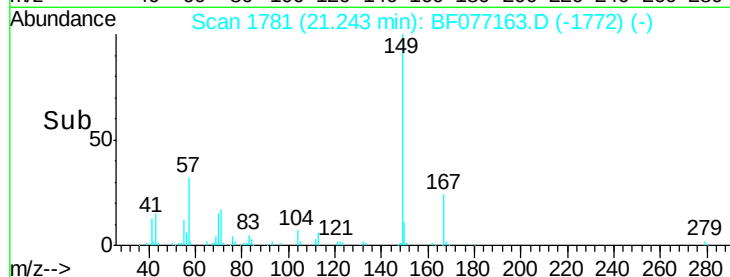
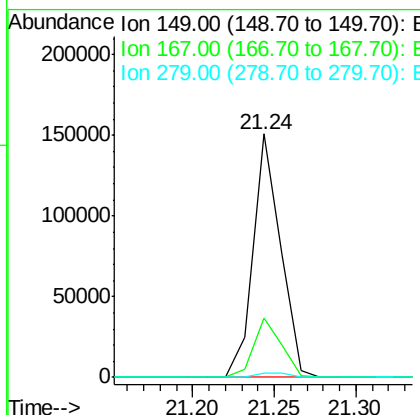
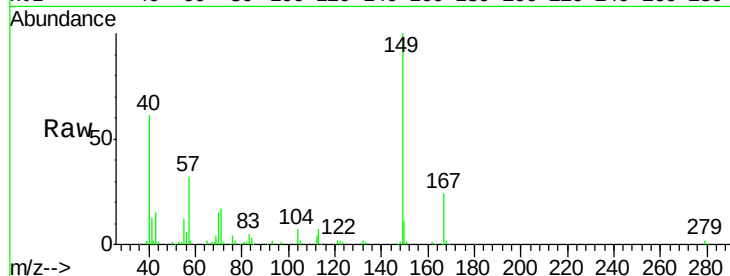
ClientSampleId :

PB81581BS

Tgt Ion:	149	Resp:	176076
Ion Ratio	Lower	Upper	
149	100		
167	24.2	20.6	30.8
279	2.0	2.2	3.2

Manual Integrations
APPROVED

apatel
2/4/2015 1:54:24 PM



#84

Di-n-octyl phthalate

Concen: 43.60 ng

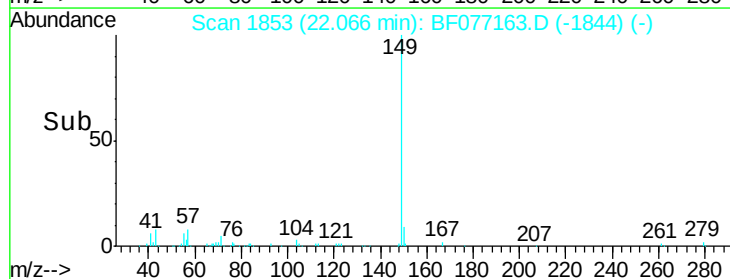
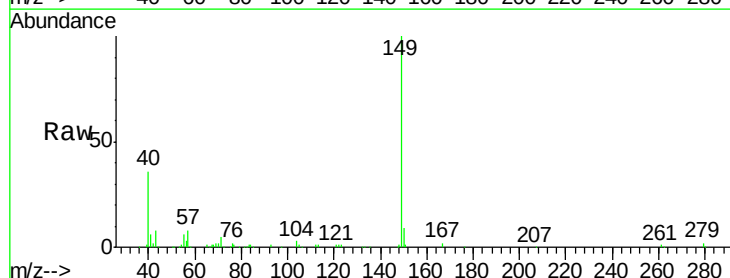
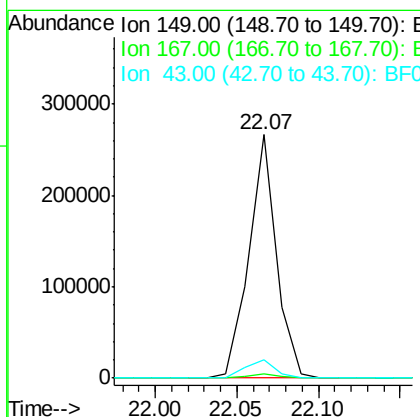
RT: 22.07 min Scan# 1853

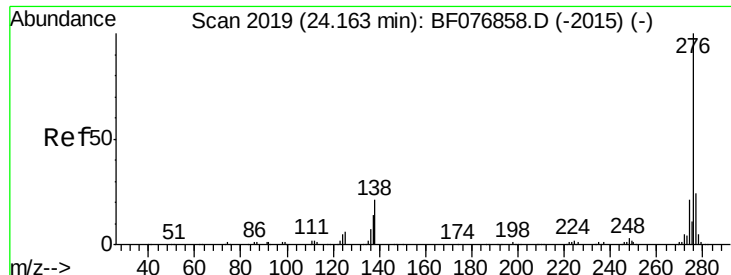
Delta R.T. 0.00 min

Lab File: BF077163.D

Acq: 3 Feb 2015 16:00

Tgt Ion:	149	Resp:	311070
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	8.4	6.6	10.0





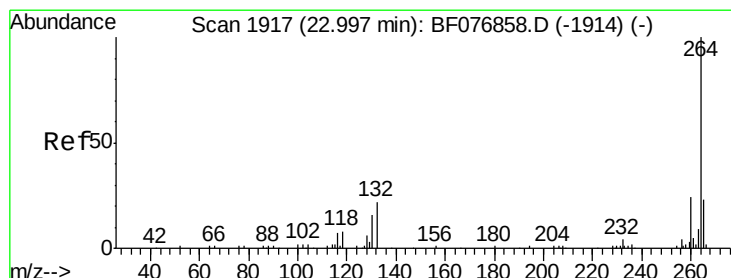
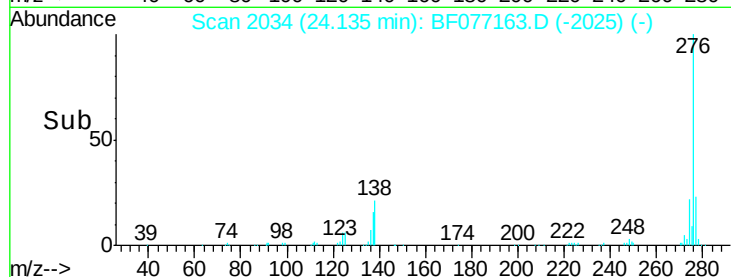
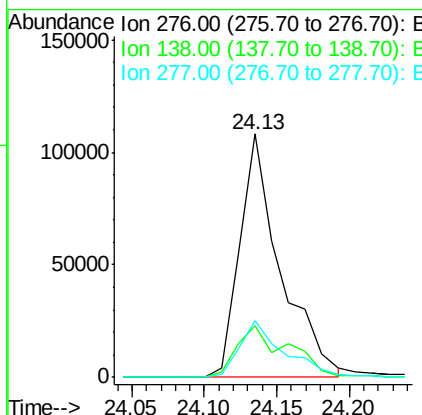
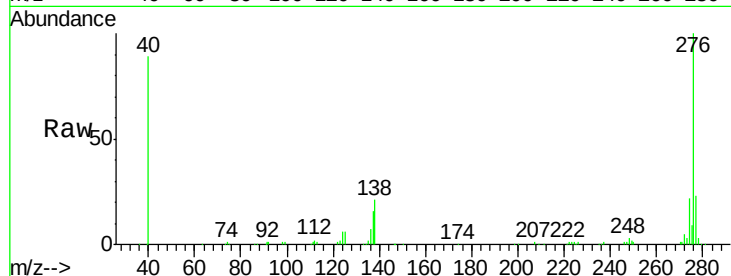
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.18 ng
RT: 24.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.0	14.6	22.0#
277	24.9	14.8	22.2#

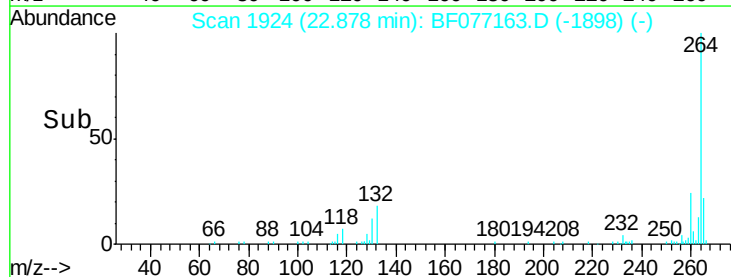
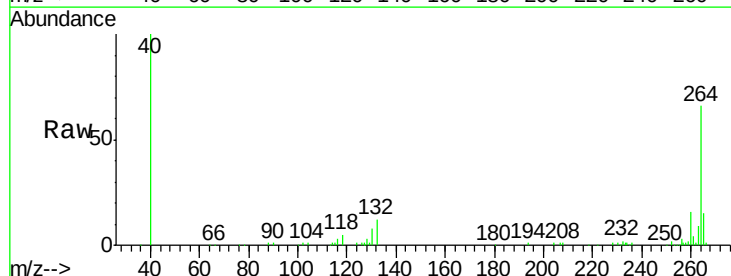
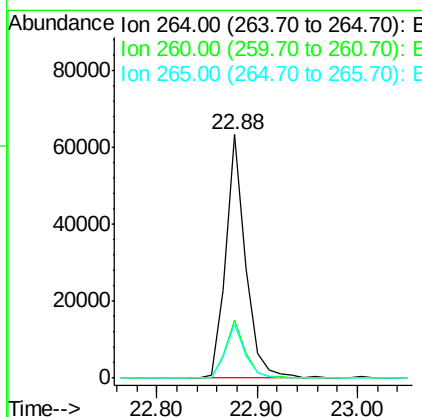
Manual Integrations
APPROVED

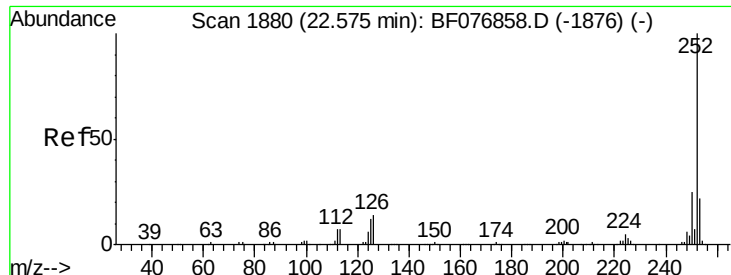
apatel
2/4/2015 1:54:24 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.88 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.2	18.1	27.1





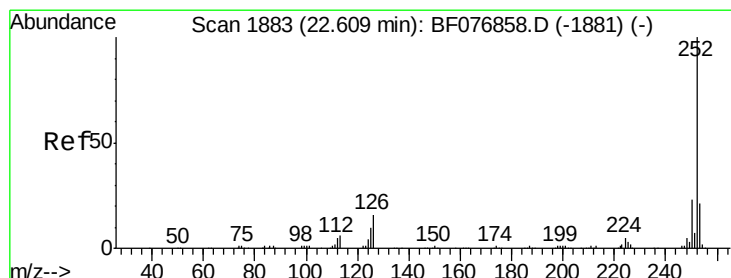
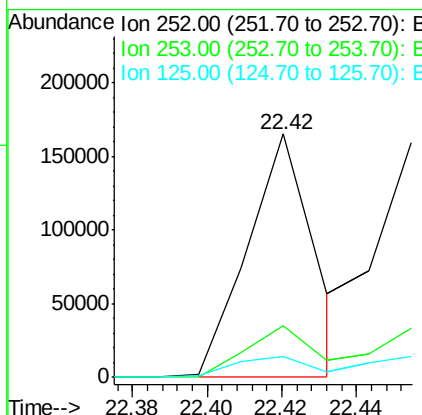
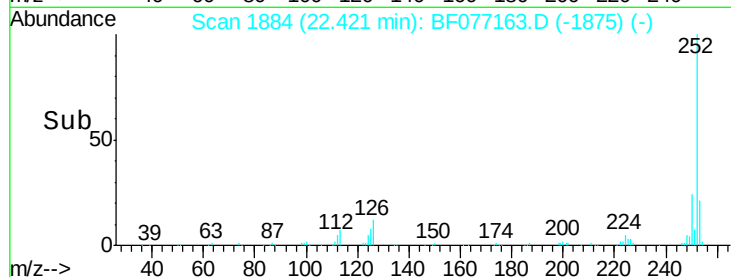
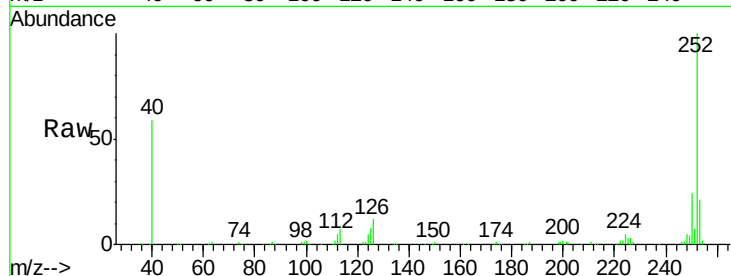
#87
Benzo(b)fluoranthene
Concen: 34.87 ng m
RT: 22.42 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	8.4	9.4	14.0

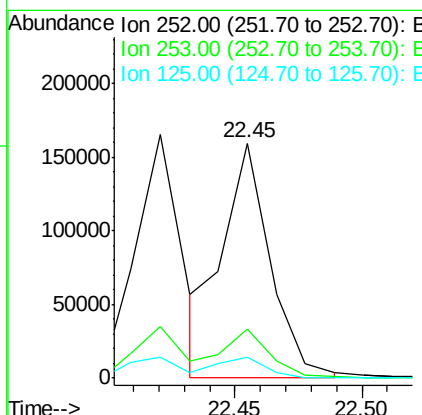
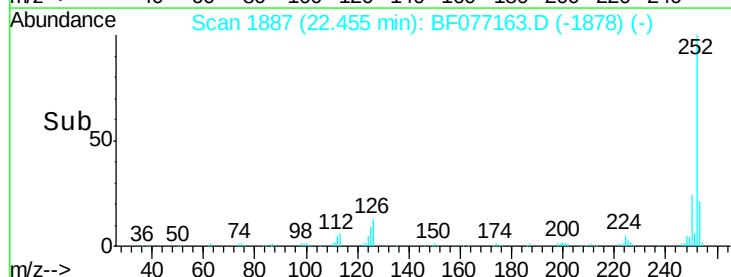
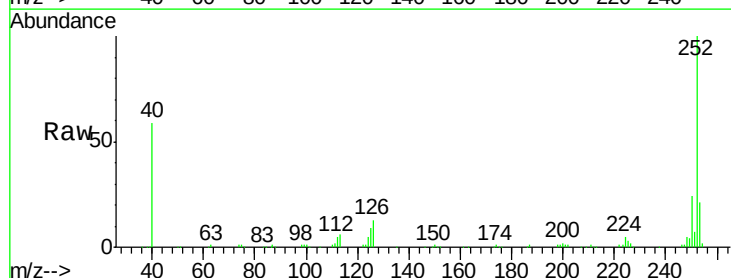
Manual Integrations
APPROVED

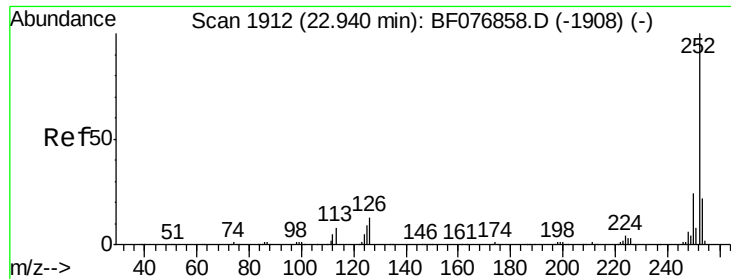
apatel
2/4/2015 1:54:24 PM



#88
Benzo(k)fluoranthene
Concen: 40.81 ng m
RT: 22.45 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	8.7	7.1	10.7





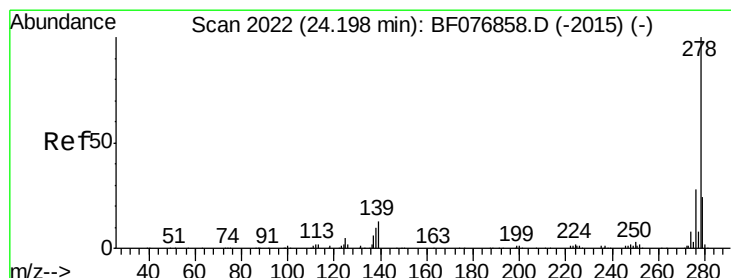
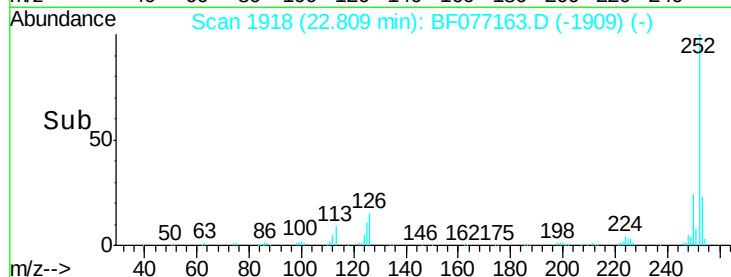
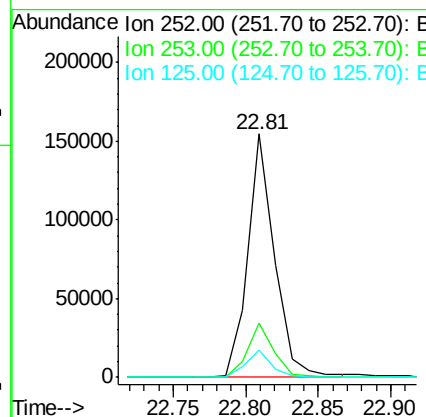
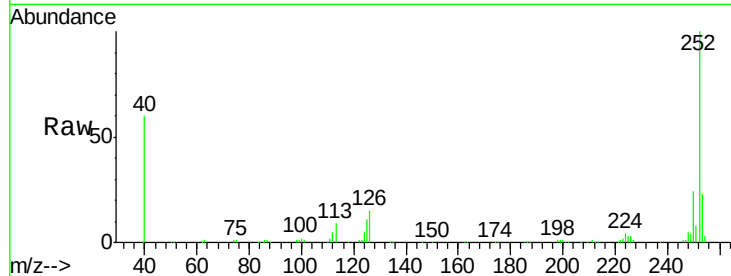
#89
Benzo(a)pyrene
Concen: 38.44 ng
RT: 22.81 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Instrument :
BNA_F
ClientSampleId :
PB81581BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.9	26.9
125	11.2	7.2	10.8

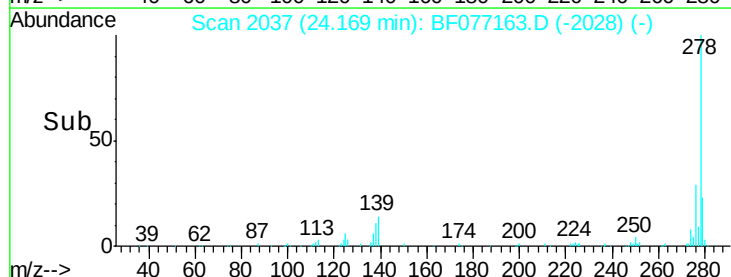
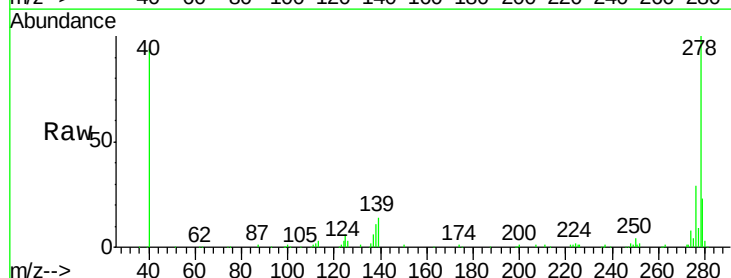
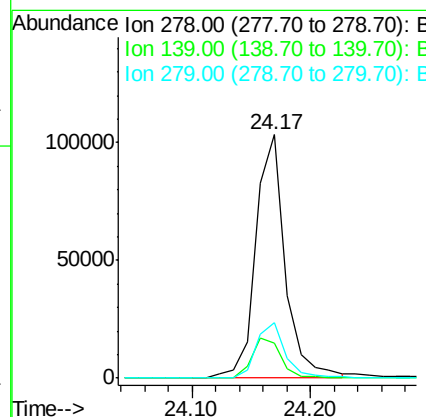
Manual Integrations
APPROVED

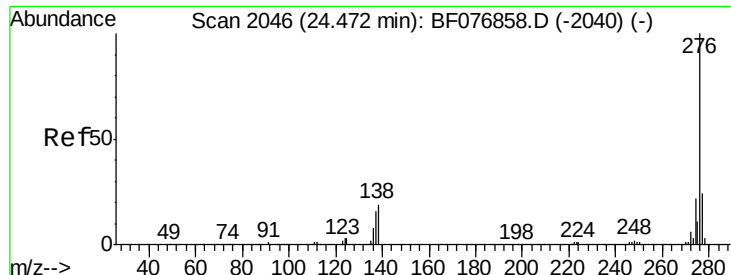
apatel
2/4/2015 1:54:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.99 ng
RT: 24.17 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF077163.D
Acq: 3 Feb 2015 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	14.2	10.5	15.7
279	22.7	19.3	28.9





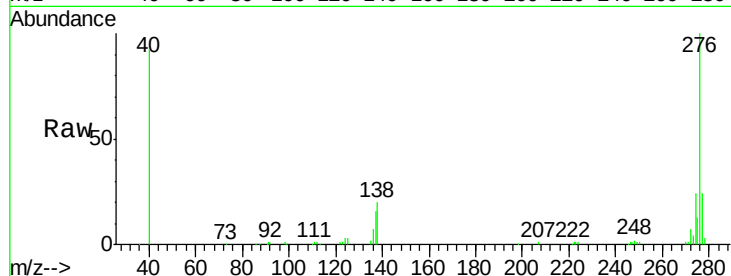
#91
 Benzo(g,h,i)perylene
 Concen: 37.63 ng
 RT: 24.43 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BF077163.D
 Acq: 3 Feb 2015 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB81581BS

Tgt Ion:	276	Resp:	176605
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.5	29.3
138	20.4	15.0	22.6

Manual Integrations
 APPROVED

apatel
 2/4/2015 1:54:24 PM



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

