

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078234.D
 Acq On : 3 Apr 2015 9:21
 Operator : TP/IZ
 Sample : G1731-04MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:06:16 PM

Quant Time: Apr 03 12:32:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	55819	20.00	ng	0.01
21) Naphthalene-d8	8.60	136	225434	20.00	ng	0.01
38) Acenaphthene-d10	10.76	164	114821	20.00	ng	0.00
63) Phenanthrene-d10	12.60	188	223559	20.00	ng	0.01
75) Chrysene-d12	15.87	240	231766	20.00	ng	0.00
86) Perylene-d12	17.60	264	231297	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	284393	84.00	ng	0.02
7) Phenol-d6	6.64	99	374888	88.36	ng	0.03
23) Nitrobenzene-d5	7.72	82	219915	59.13	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	87729	92.12	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	412399	51.34	ng	0.01
78) Terphenyl-d14	14.59	244	461157	44.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	28143	18.38	ng	96
3) Pyridine	2.51	79	94173	23.48	ng	# 87
4) n-Nitrosodimethylamine	2.44	42	44772m	29.00	ng	
6) Aniline	6.61	93	99663	16.56	ng	# 88
8) 2-Chlorophenol	6.76	128	111334	27.81	ng	96
10) Phenol	6.65	94	140628	27.66	ng	91
11) bis(2-Chloroethyl)ether	6.72	93	97253	26.60	ng	95
12) 1,3-Dichlorobenzene	6.94	146	106639	24.25	ng	# 91
13) 1,4-Dichlorobenzene	7.04	146	108173	24.44	ng	99
14) 1,2-Dichlorobenzene	7.22	146	103568	24.96	ng	99
15) Benzyl Alcohol	7.22	79	88430	29.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.39	45	132940	27.26	ng	# 1
17) 2-Methylphenol	7.39	107	88013	28.32	ng	# 93
18) Hexachloroethane	7.64	117	34770	23.29	ng	94
19) n-Nitroso-di-n-propylamine	7.55	70	76324	27.26	ng	# 89
20) 3+4-Methylphenols	7.58	107	117705	28.39	ng	99
22) Acetophenone	7.54	105	152205	28.98	ng	# 96
24) Nitrobenzene	7.74	77	115666	29.75	ng	89
25) Isophorone	8.04	82	196185	27.79	ng	# 93
26) 2-Nitrophenol	8.13	139	48294	26.07	ng	# 85
27) 2,4-Dimethylphenol	8.22	122	91350	26.51	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	126992	28.06	ng	99
29) 2,4-Dichlorophenol	8.45	162	96127	30.67	ng	96
30) 1,2,4-Trichlorobenzene	8.53	180	95127	26.47	ng	99
31) Naphthalene	8.62	128	318554	27.15	ng	100
32) Benzoic acid	8.34	122	18495	15.83	ng	88
33) 4-Chloroaniline	8.72	127	94953	19.50	ng	97
34) Hexachlorobutadiene	8.78	225	51002	25.85	ng	98
35) Caprolactam	9.14	113	28158	30.10	ng	95
36) 4-Chloro-3-methylphenol	9.34	107	94386	29.84	ng	91
37) 2-Methylnaphthalene	9.48	142	219899	27.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	92721	26.06	ng	98
40) Hexachlorocyclopentadiene	9.68	237	46624	34.66	ng	97
42) 2,4,6-Trichlorophenol	9.85	196	65771	29.31	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078234.D
 Acq On : 3 Apr 2015 9:21
 Operator : TP/IZ
 Sample : G1731-04MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:06:16 PM

Quant Time: Apr 03 12:32:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.90	196	69135	29.49	nq	# 85
45) 1,1'-Biphenyl	10.06	154	257292	27.39	nq	99
46) 2-Chloronaphthalene	10.09	162	198161	26.82	nq	94
47) 2-Nitroaniline	10.22	65	58839	32.18	nq	# 83
48) Acenaphthylene	10.59	152	324949	27.23	nq	99
49) Dimethylphthalate	10.46	163	285136	33.05	nq	# 97
50) 2,6-Dinitrotoluene	10.53	165	52814	29.76	nq	# 77
51) Acenaphthene	10.81	154	184513	27.46	nq	99
52) 3-Nitroaniline	10.74	138	55638	27.57	nq	94
53) 2,4-Dinitrophenol	10.88	184	6053	19.00	nq	# 90
54) Dibenzofuran	11.01	168	278109	27.10	nq	95
55) 4-Nitrophenol	10.99	139	77717m	53.26	nq	
56) 2,4-Dinitrotoluene	11.02	165	66970	29.13	nq	# 75
57) Fluorene	11.44	166	227838	27.39	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.18	232	53887	31.01	nq	99
59) Diethylphthalate	11.33	149	230573	27.72	nq	99
60) 4-Chlorophenyl-phenylether	11.46	204	105360	27.54	nq	92
61) 4-Nitroaniline	11.49	138	56419	27.66	nq	96
62) Azobenzene	11.65	77	235354	31.00	nq	86
64) 4,6-Dinitro-2-methylphenol	11.53	198	7839	14.37	nq	# 67
65) n-Nitrosodiphenylamine	11.61	169	198486	25.67	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	61960	26.17	nq	90
67) Hexachlorobenzene	12.11	284	67738	26.11	nq	93
68) Atrazine	12.28	200	62492	27.90	nq	96
69) Pentachlorophenol	12.37	266	57985	53.27	nq	98
70) Phenanthrene	12.62	178	347307	26.86	nq	100
71) Anthracene	12.69	178	344530	27.04	nq	99
72) Carbazole	12.91	167	331329	27.74	nq	98
73) Di-n-butylphthalate	13.36	149	382661	28.29	nq	99
74) Fluoranthene	14.10	202	391946	28.74	nq	92
76) Benzidine	14.29	184	146539	16.42	nq	97
77) Pyrene	14.37	202	393769	27.06	nq	99
79) Butylbenzylphthalate	15.22	149	183715	33.13	nq	# 79
80) Benzo(a)anthracene	15.86	228	366930	26.61	nq	99
81) 3,3'-Dichlorobenzidine	15.85	252	119023	25.77	nq	# 98
82) Chrysene	15.91	228	349965	27.01	nq	99
83) Bis(2-ethylhexyl)phthalate	15.94	149	276261	31.76	nq	98
84) Di-n-octyl phthalate	16.73	149	487945	34.17	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.92	276	412153	28.03	nq	# 85
87) Benzo(b)fluoranthene	17.15	252	400075	27.99	nq	# 96
88) Benzo(k)fluoranthene	17.19	252	320795m	25.25	nq	
89) Benzo(a)pyrene	17.54	252	353568	28.34	nq	99
90) Dibenzo(a,h)anthracene	18.95	278	338891	27.13	nq	98
91) Benzo(g,h,i)perylene	19.30	276	341620	27.28	nq	99

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

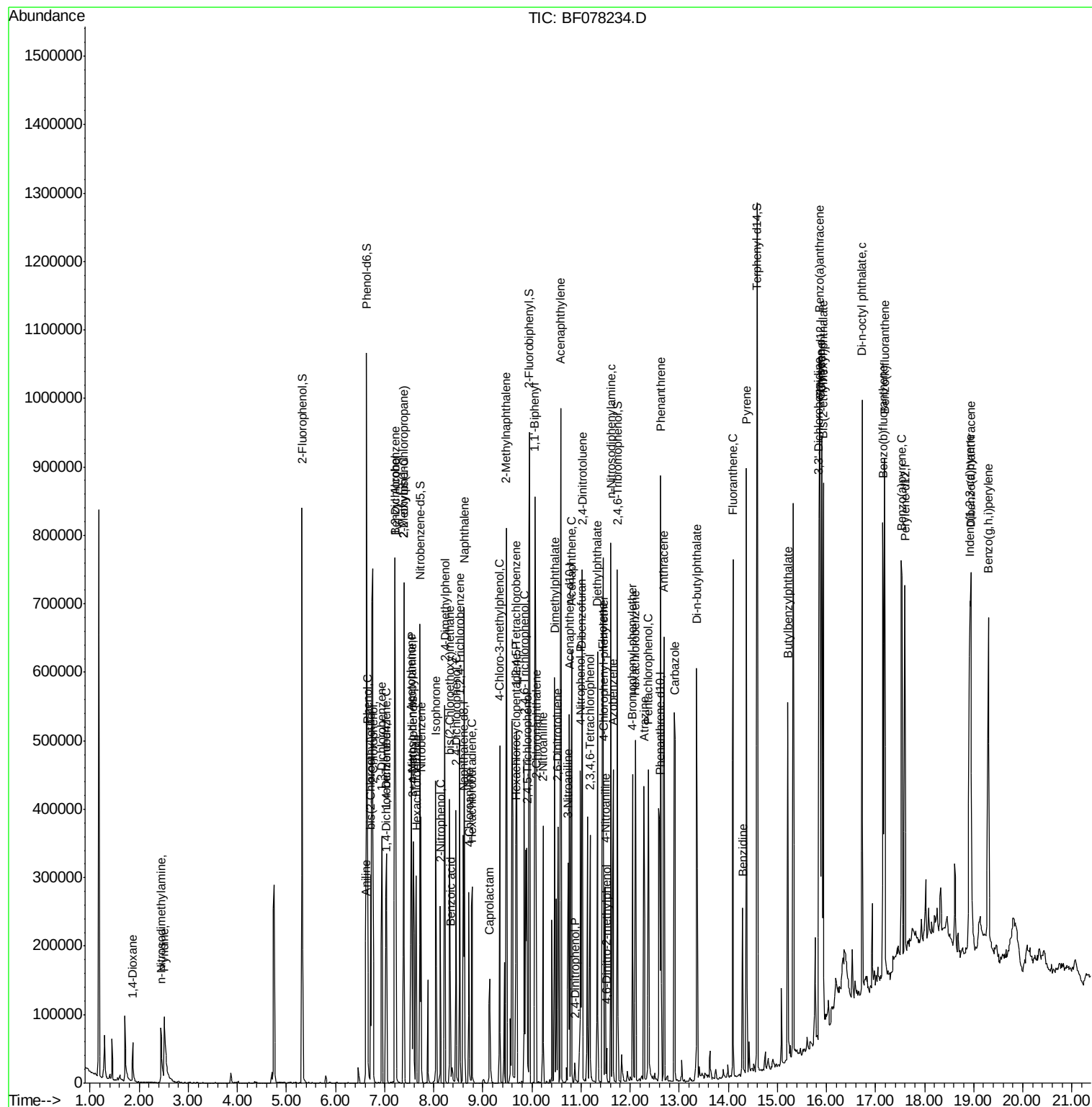
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078234.D
Acq On : 3 Apr 2015 9:21
Operator : TP/IZ
Sample : G1731-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

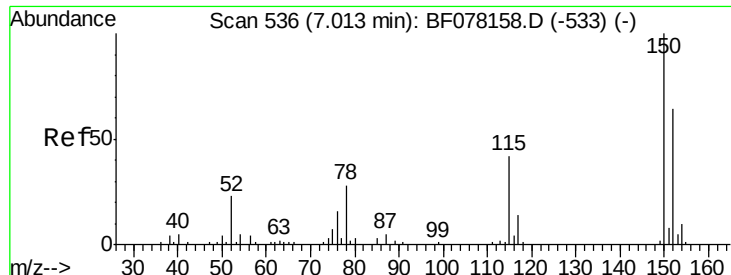
Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM

Quant Time: Apr 03 12:32:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration





#1

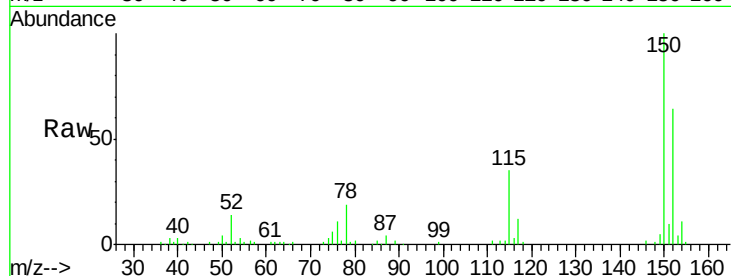
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

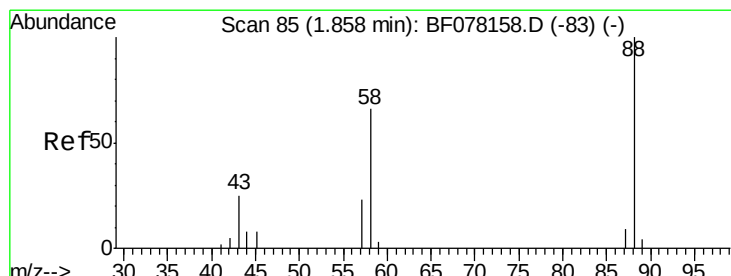
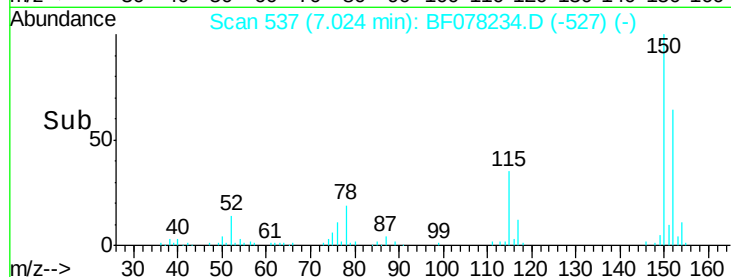
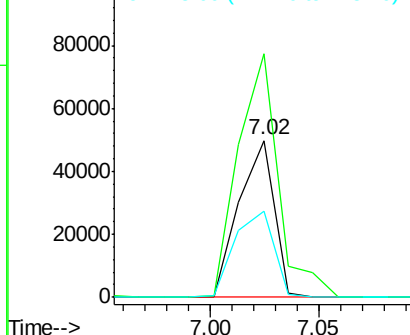
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.9	188.9
115	54.7	52.7	79.1

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



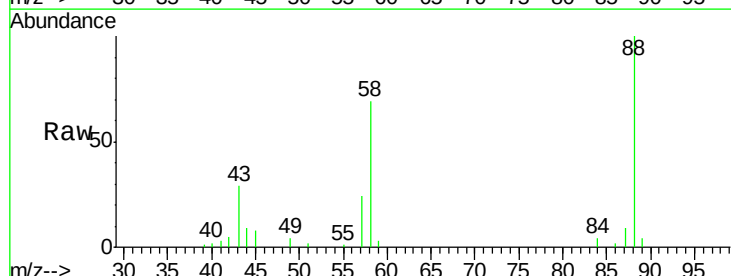
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



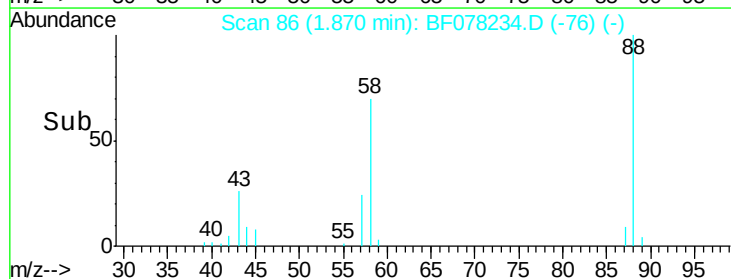
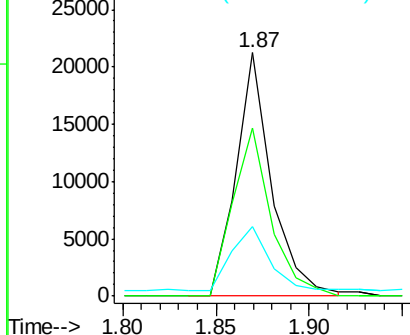
#2

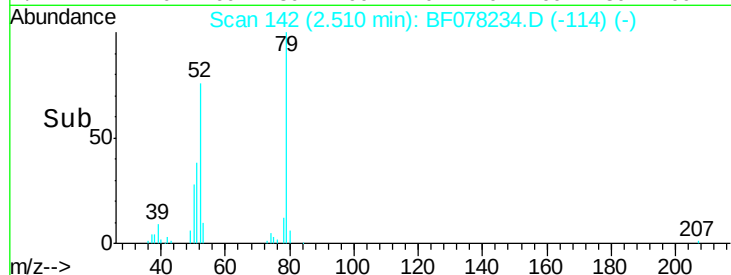
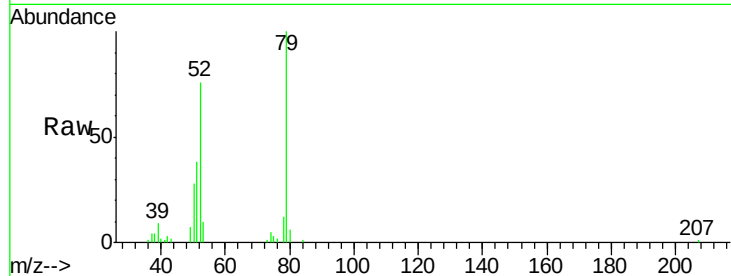
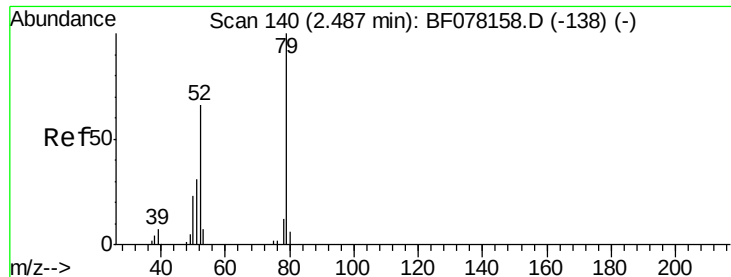
1,4-Dioxane
Concen: 18.38 ng
RT: 1.87 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	56.9	85.3
43	29.2	21.4	32.2



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





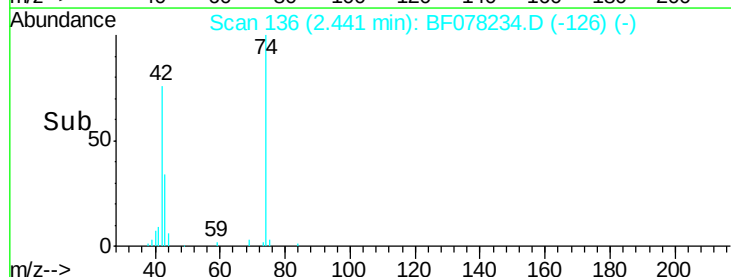
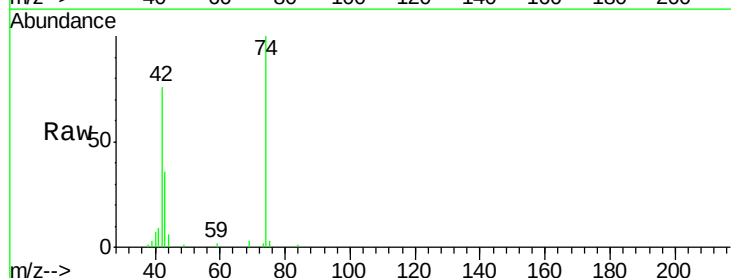
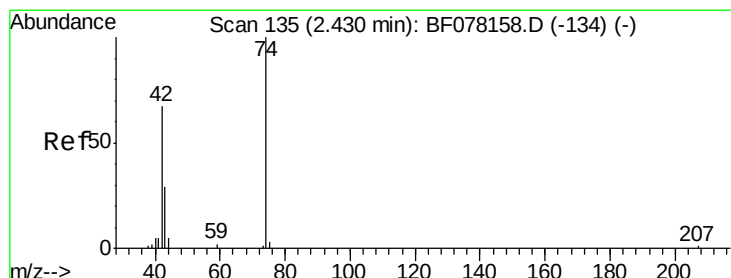
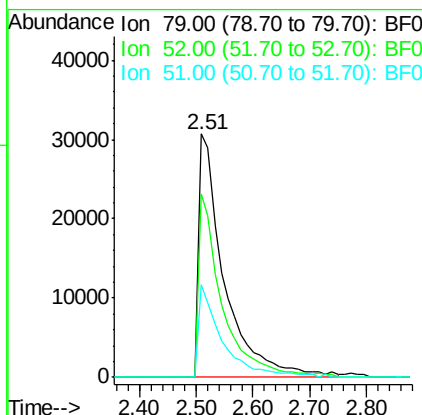
#3
 Pvridine
 Concen: 23.48 ng
 RT: 2.51 min Scan# 142
 Delta R.T. 0.02 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	75.6		52.4	78.6
51	51	37.9		24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

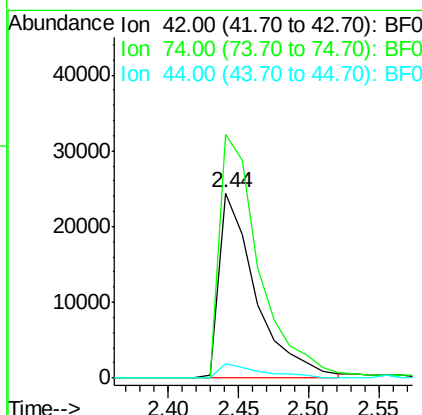
Manual Integrations
 APPROVED

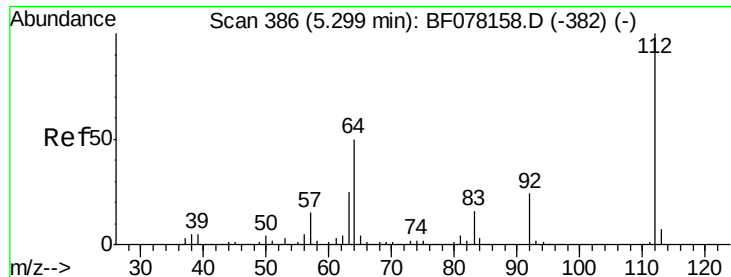
apatel
 4/6/2015 12:06:16 PM



#4
 n-Nitrosodimethylamine
 Concen: 29.00 ng m
 RT: 2.44 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	131.5		118.7	178.1
44	44	7.8		5.9	8.9





#5

2-Fluorophenol

Concen: 84.00 ng

RT: 5.32 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

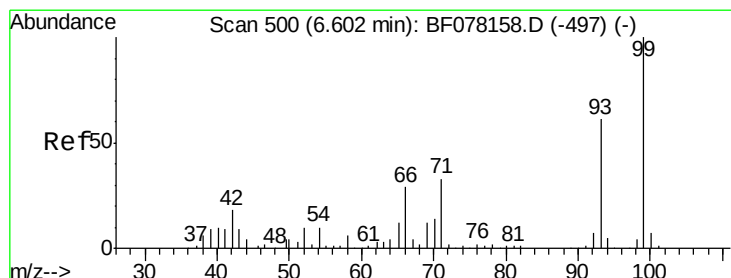
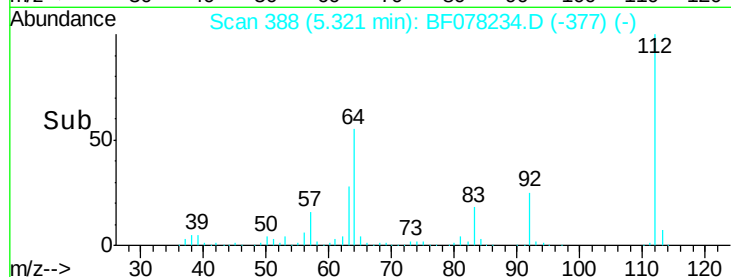
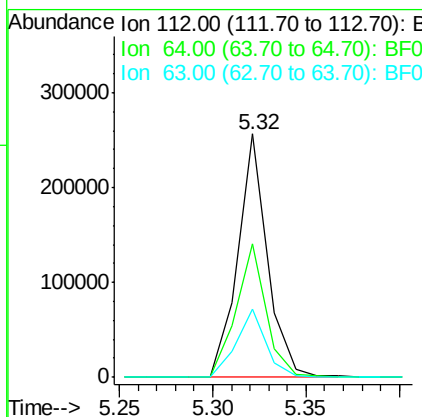
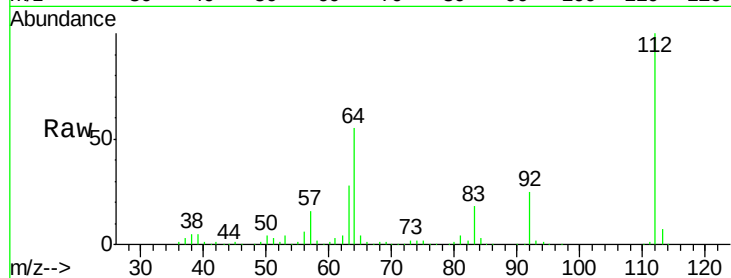
ClientSampleId :

COMP-4MS

Tot Ion:	112	Resp:	284393
Ion Ratio	Lower	Upper	
112	100		
64	55.1	39.9	59.9
63	28.1	20.2	30.4

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



#6

Aniline

Concen: 16.56 ng

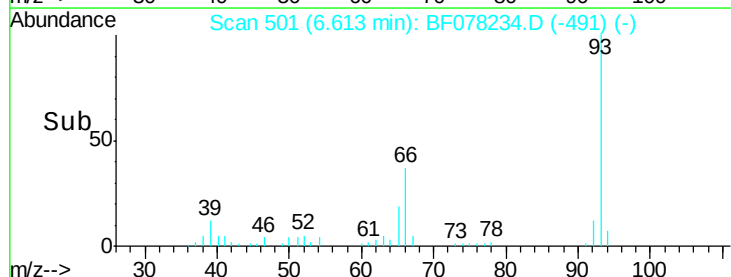
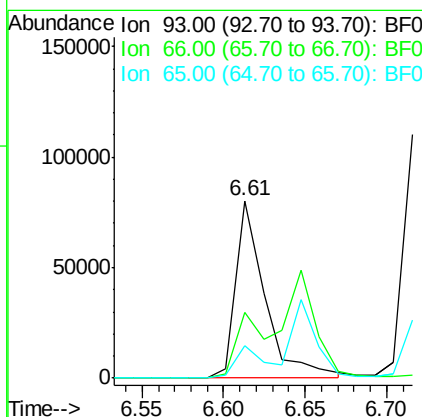
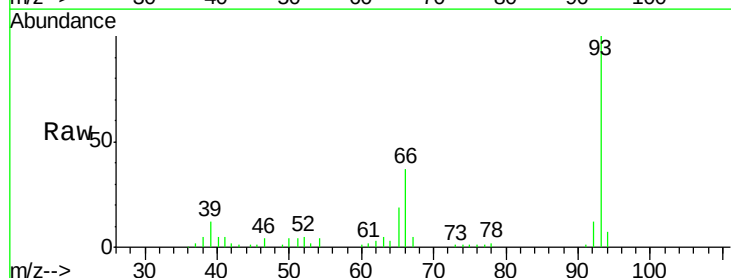
RT: 6.61 min Scan# 501

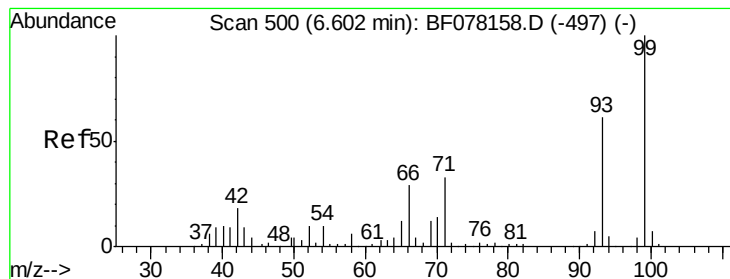
Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Tgt Ion:	93	Resp:	99663
Ion Ratio	Lower	Upper	
93	100		
66	36.9	38.0	57.0#
65	18.6	16.3	24.5





#7

Phenol-d6

Concen: 88.36 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

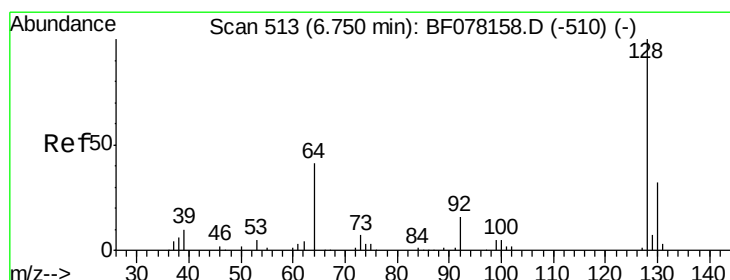
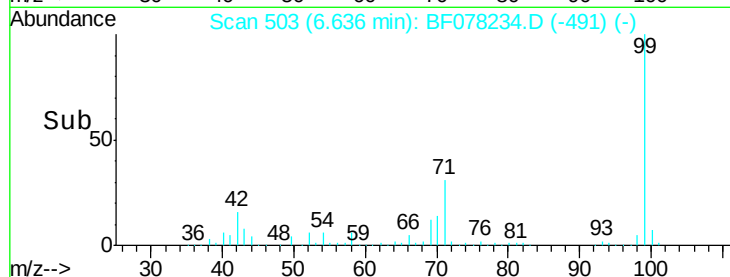
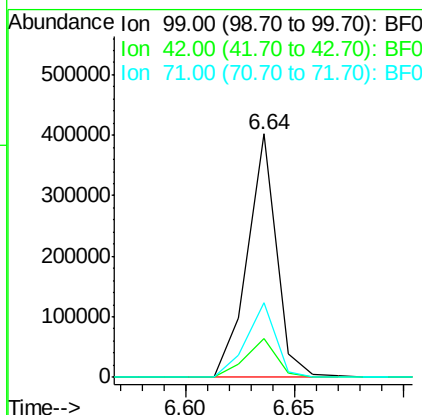
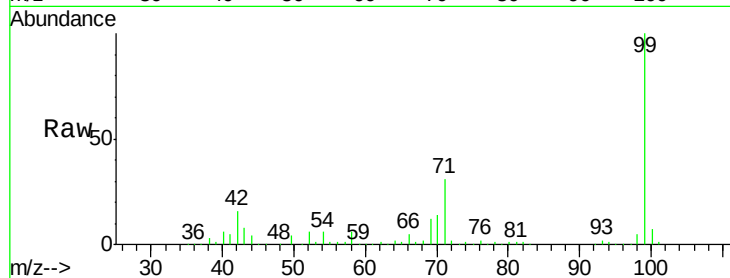
ClientSampled :

COMP-4MS

Tot Ion:	99	Resp:	374888
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.8	22.2
71	30.7	26.6	39.8

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



#8

2-Chlorophenol

Concen: 27.81 ng

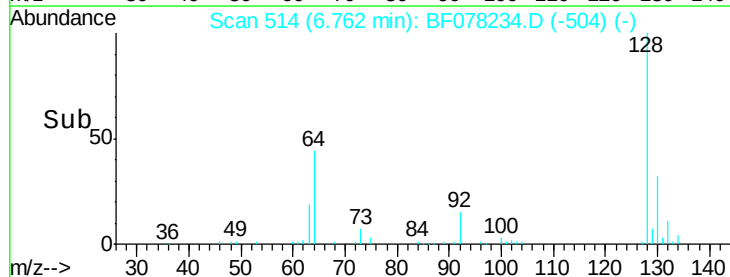
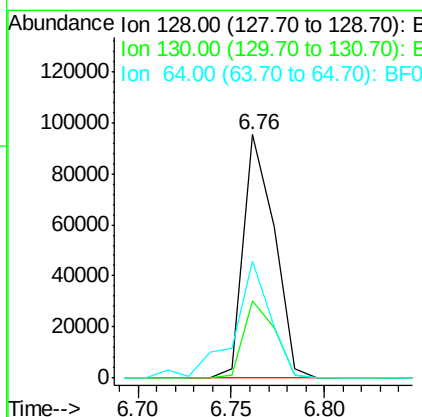
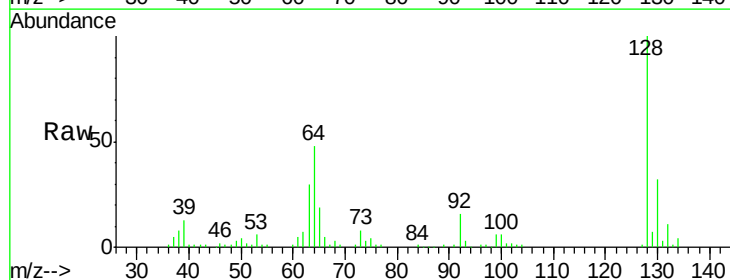
RT: 6.76 min Scan# 514

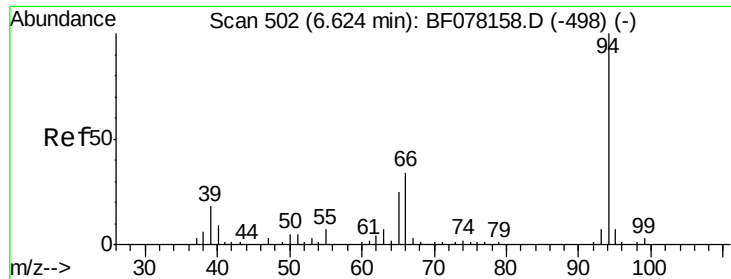
Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Tgt Ion:	128	Resp:	111334
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	47.9	23.8	63.8





#10

Phenol

Concen: 27.66 ng

RT: 6.65 min Scan# 504

Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

Tot Ion: 94 Resp: 140628

Ion Ratio Lower Upper

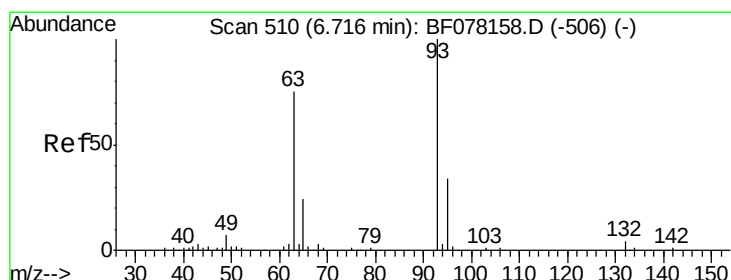
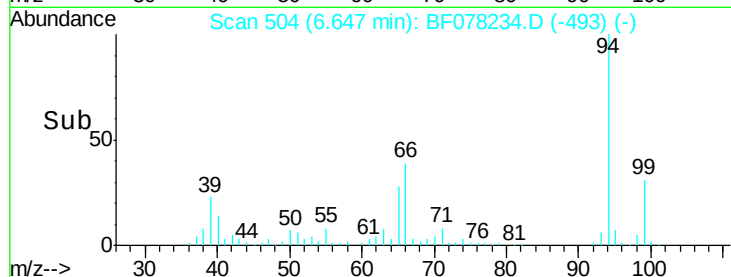
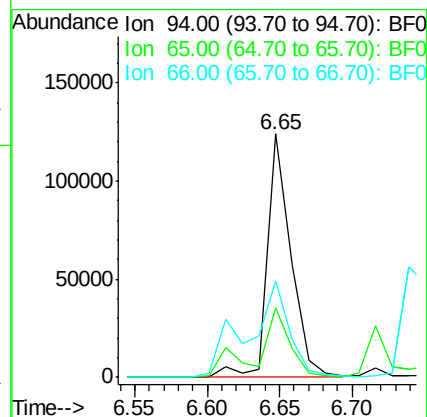
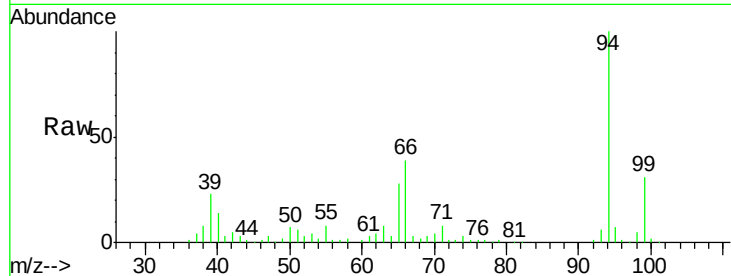
94 100

65 28.5 4.9 44.9

66 39.5 13.8 53.8

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



#11

bis(2-Chloroethyl)ether

Concen: 26.60 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

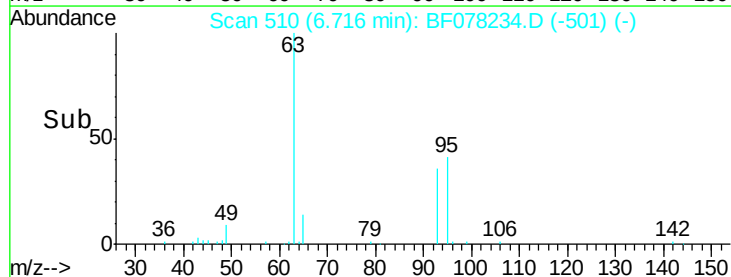
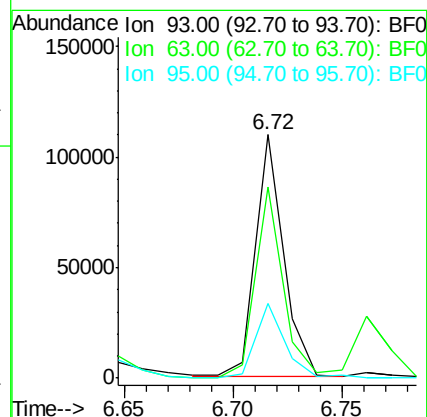
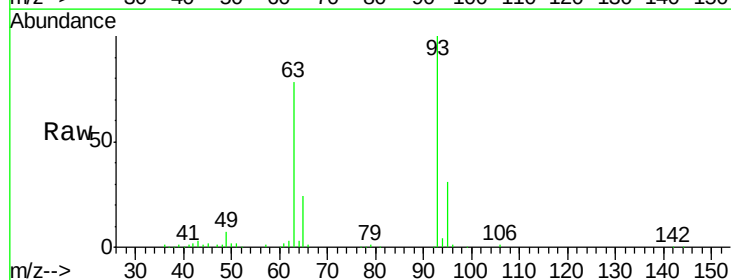
Tgt Ion: 93 Resp: 97253

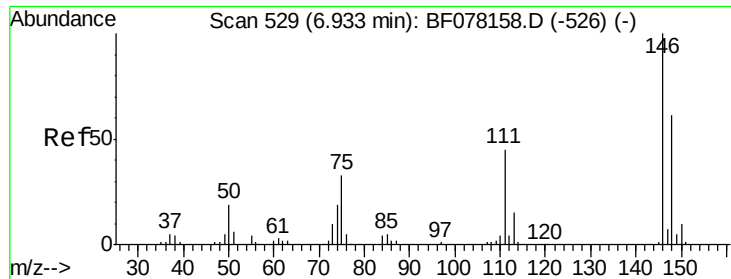
Ion Ratio Lower Upper

93 100

63 78.4 54.6 94.6

95 30.8 13.6 53.6





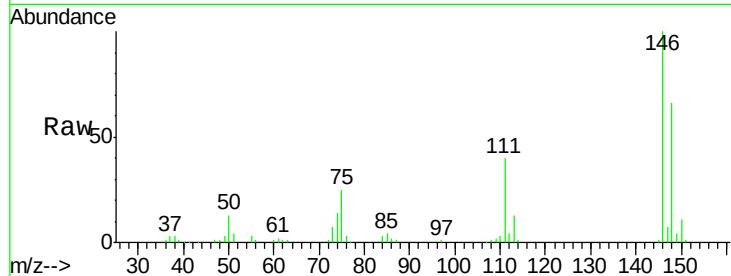
#12
 1,3-Dichlorobenzene
 Concen: 24.25 ng
 RT: 6.94 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampled :
 COMP-4MS

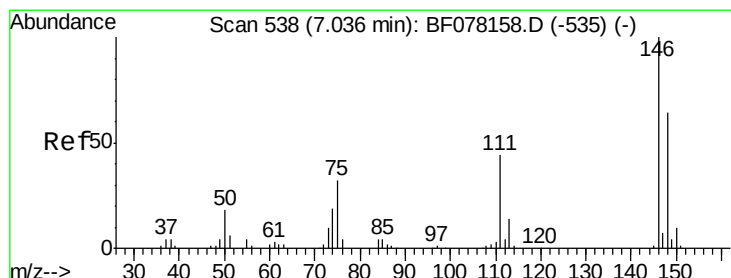
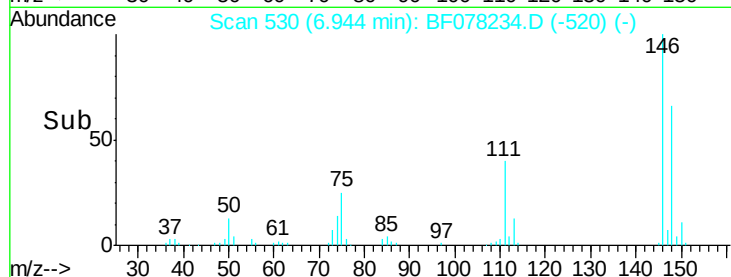
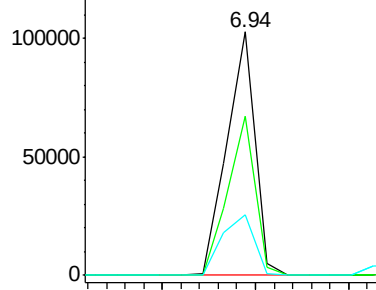
Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	65.6	49.1	73.7
75	24.7	26.6	40.0

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:06:16 PM

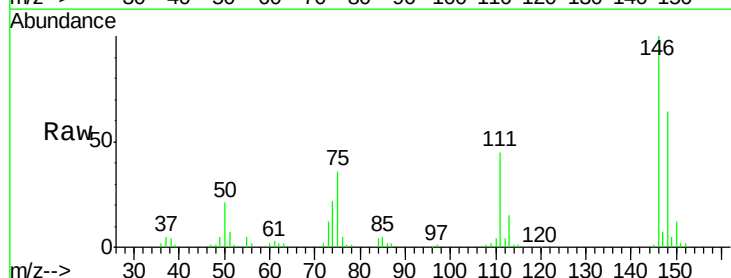


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

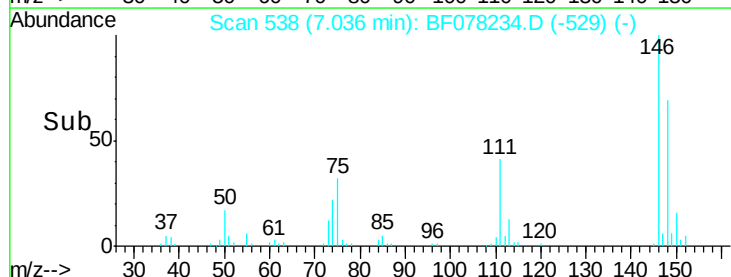
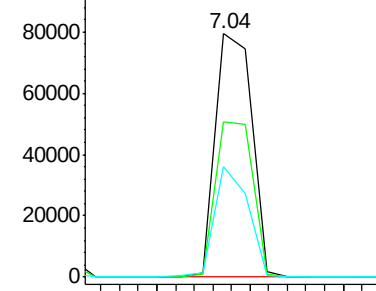


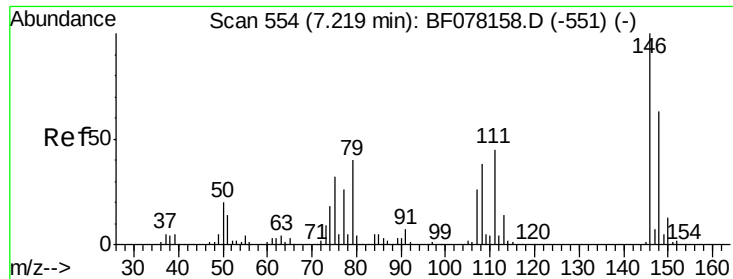
#13
 1,4-Dichlorobenzene
 Concen: 24.44 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.0	51.4	77.0
111	45.3	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





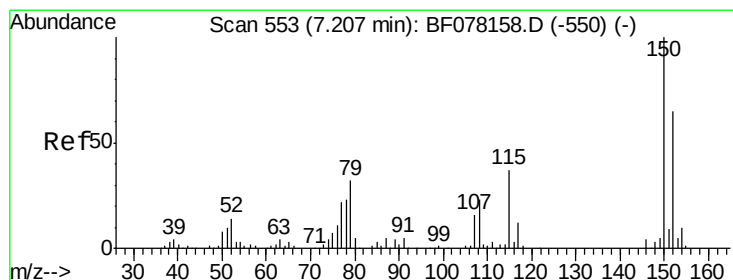
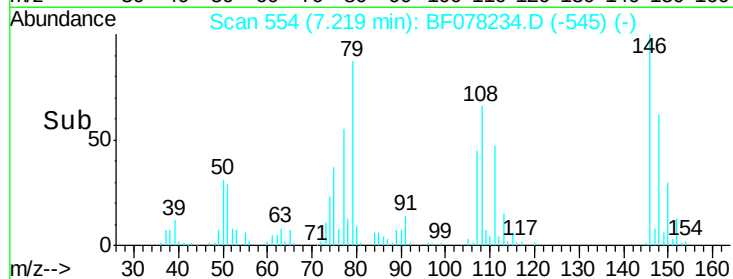
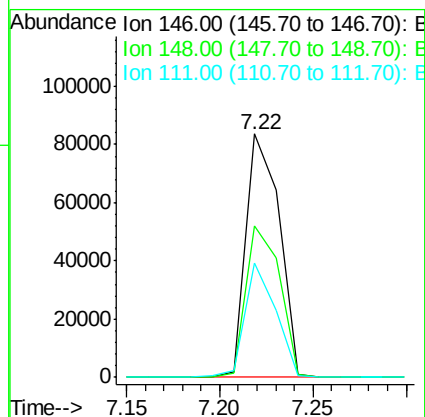
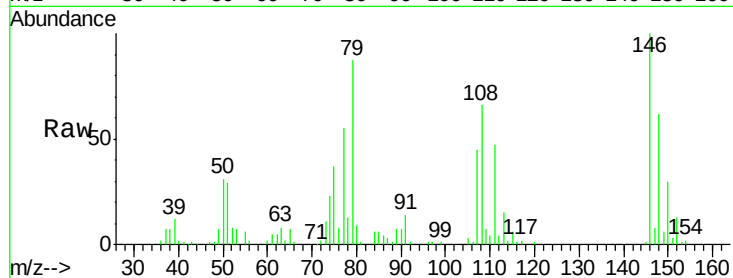
#14
1,2-Dichlorobenzene
Concen: 24.96 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.2	75.4
111	46.7	36.1	54.1

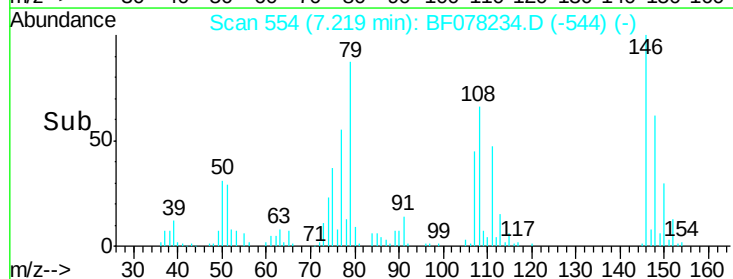
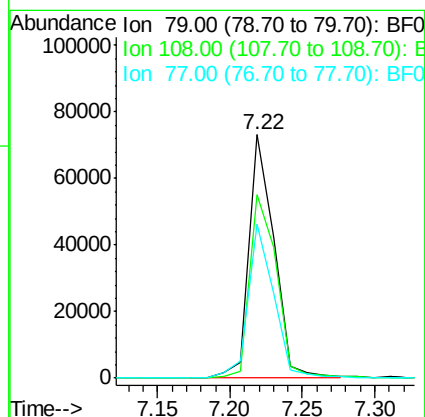
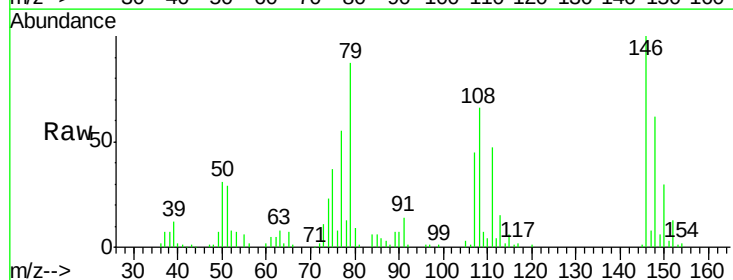
Manual Integrations
APPROVED

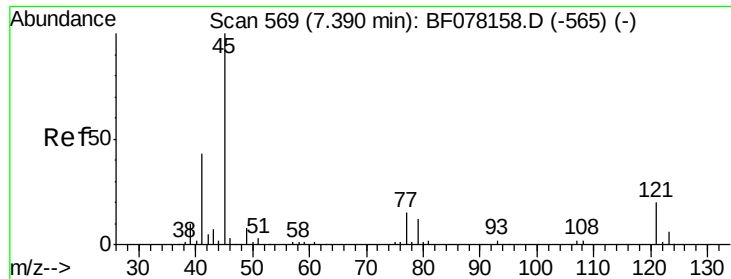
apatel
4/6/2015 12:06:16 PM



#15
Benzyl Alcohol
Concen: 29.66 ng
RT: 7.22 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.3	57.6	86.4
77	63.1	53.5	80.3





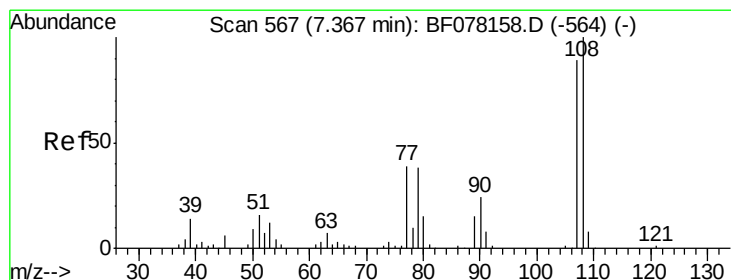
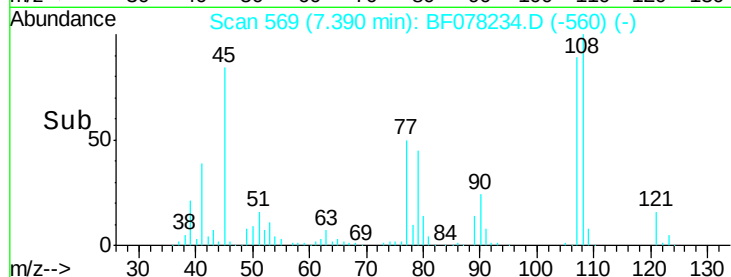
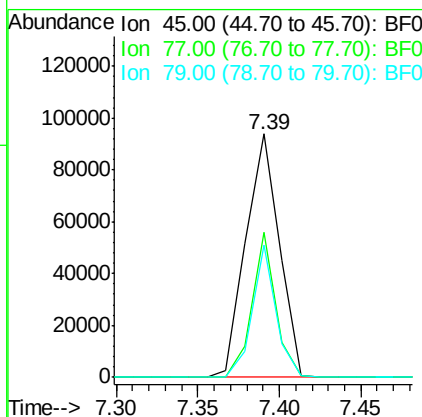
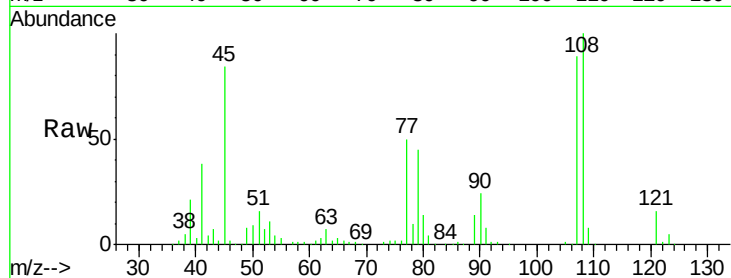
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 27.26 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	59.5	0.0	34.5#
79	54.2	0.0	31.9#

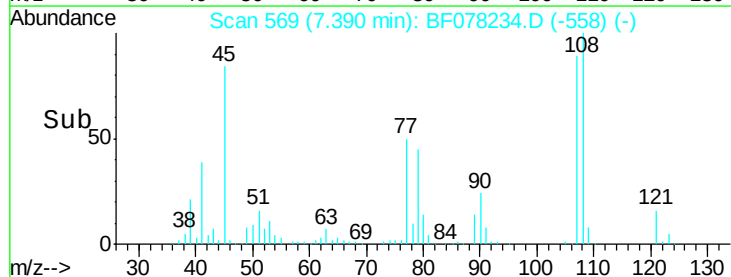
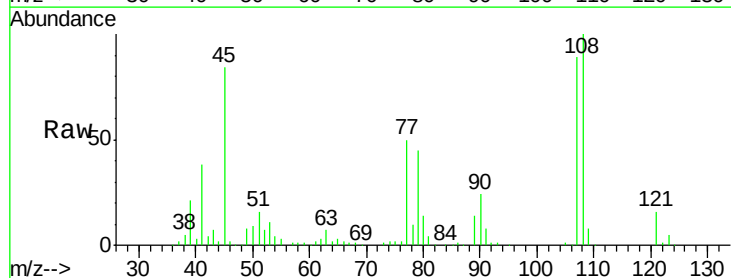
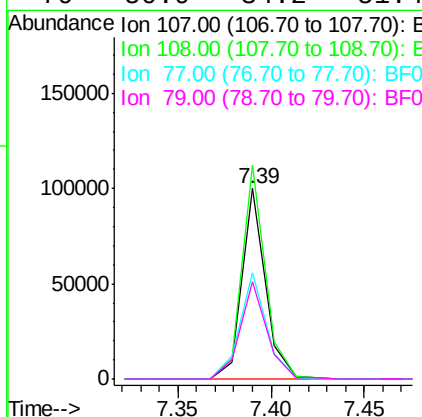
Manual Integrations
APPROVED

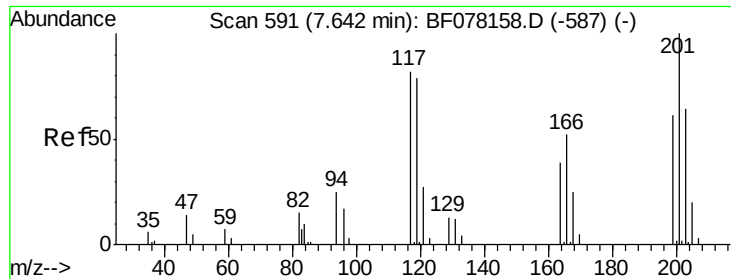
apatel
4/6/2015 12:06:16 PM



#17
2-Methylphenol
Concen: 28.32 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.2	90.3	135.5
77	55.9	35.5	53.3#
79	50.9	34.2	51.4





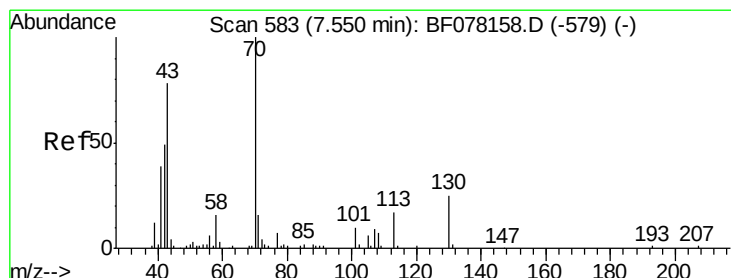
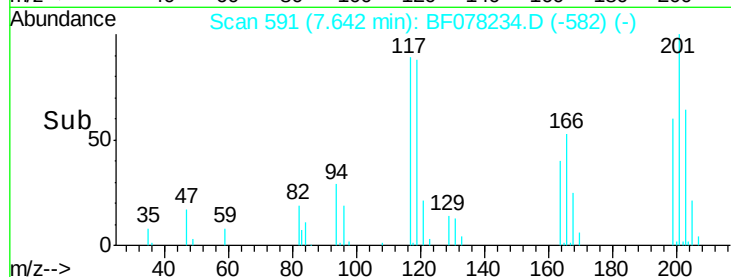
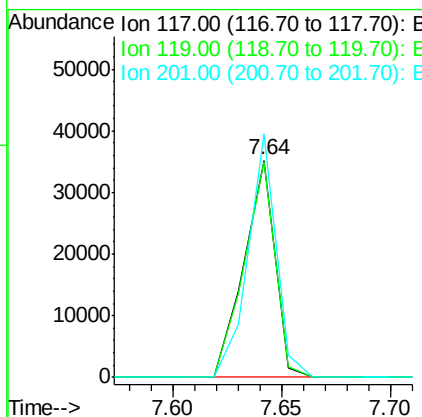
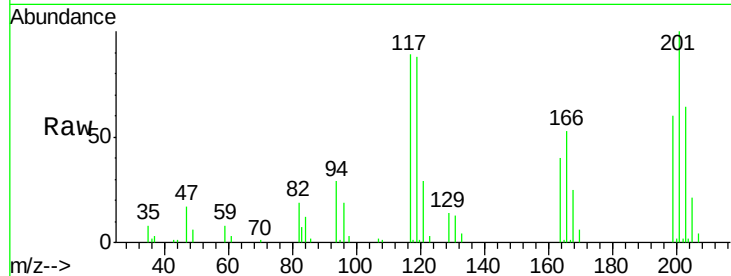
#18
Hexachloroethane
Concen: 23.29 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	34770		
119	99.3	77.0	115.6	
201	112.3	98.1	147.1	

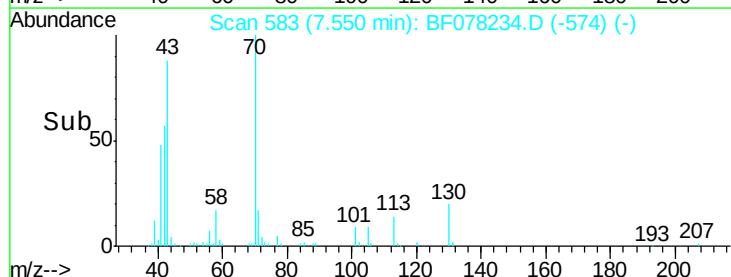
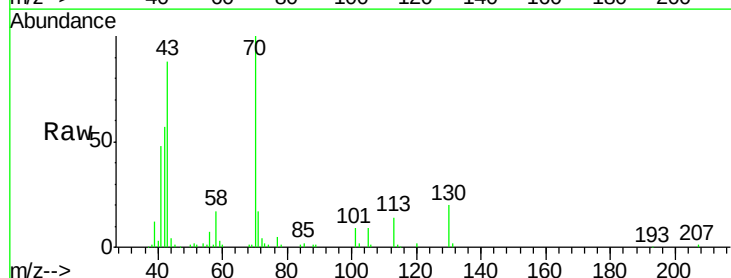
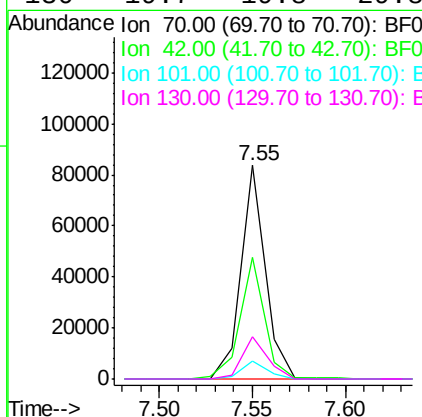
Manual Integrations
APPROVED

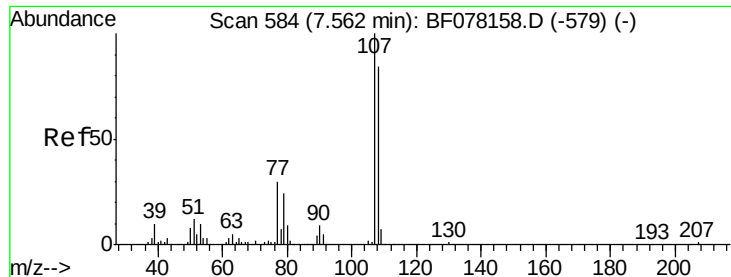
apatel
4/6/2015 12:06:16 PM



#19
n-Nitroso-di-n-propylamine
Concen: 27.26 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	76324		
42	57.1	38.9	58.3	
101	8.7	8.3	12.5	
130	19.7	19.8	29.8	





#20

3+4-Methylphenols

Concen: 28.39 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

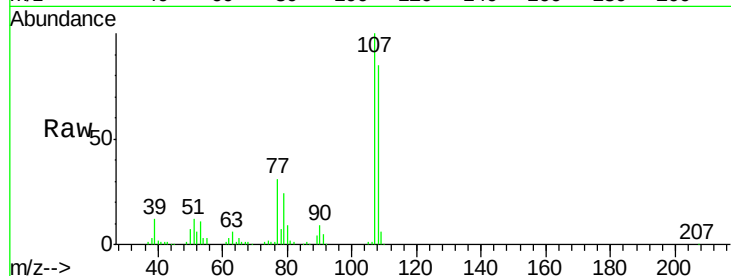
ClientSampleId :

COMP-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	117705		
108	108	85.4	64.4	104.4	
77	77	30.6	9.7	49.7	
79	79	23.7	4.0	44.0	

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM

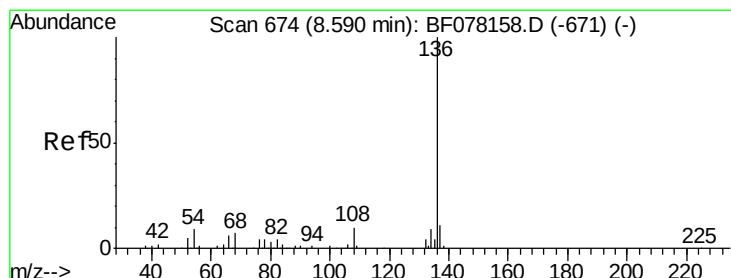
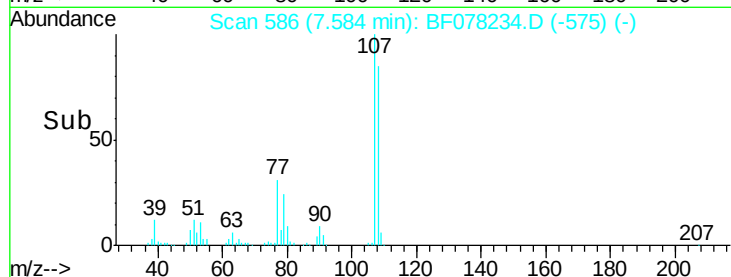
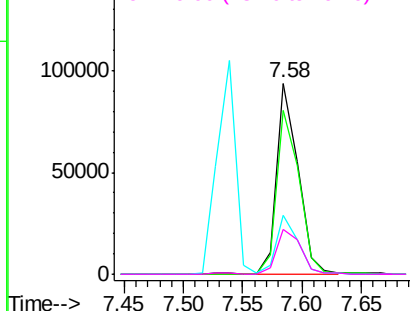


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.60 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

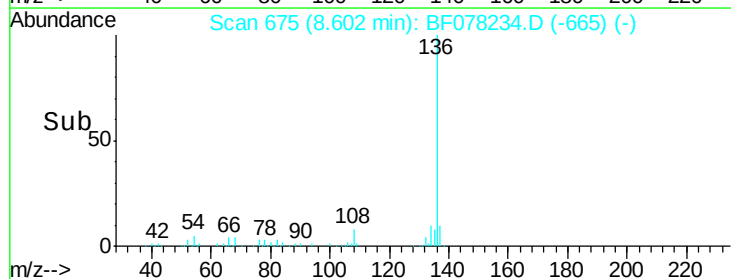
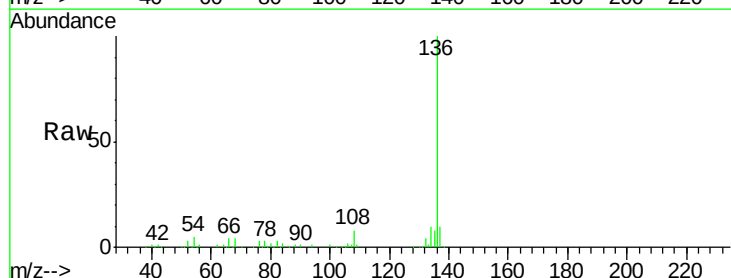
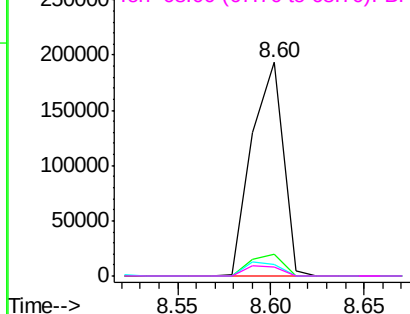
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	225434		
137	137	10.3	9.0	13.4	
54	54	5.3	7.0	10.6#	
68	68	4.3	5.4	8.2#	

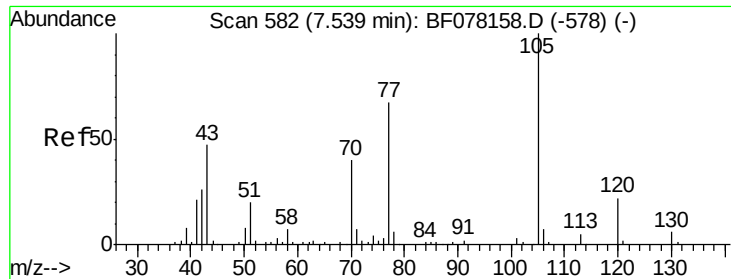
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





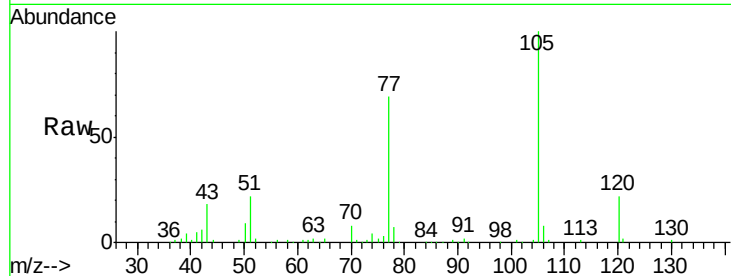
#22
Acetophenone
Concen: 28.98 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:	105	Resp:	152205
Ion Ratio	Lower	Upper	
105	100		
71	1.2	5.5	8.3#
51	22.0	16.0	24.0
120	22.0	17.8	26.6

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM

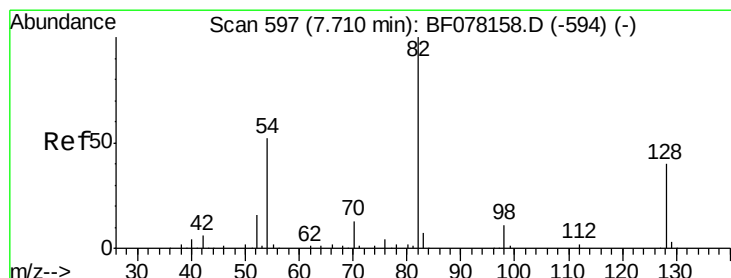
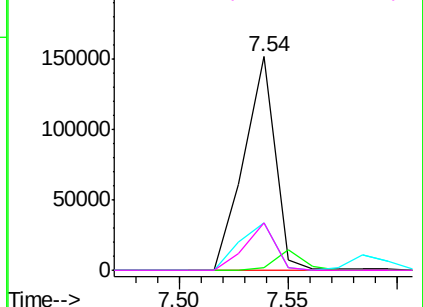
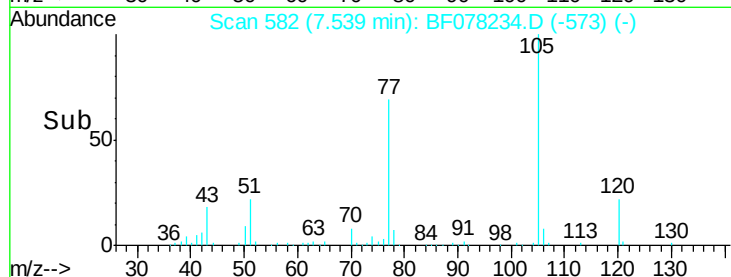


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

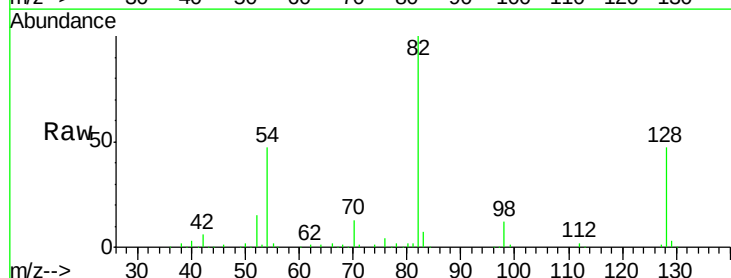
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 59.13 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

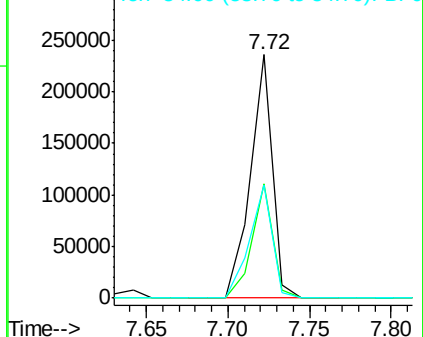
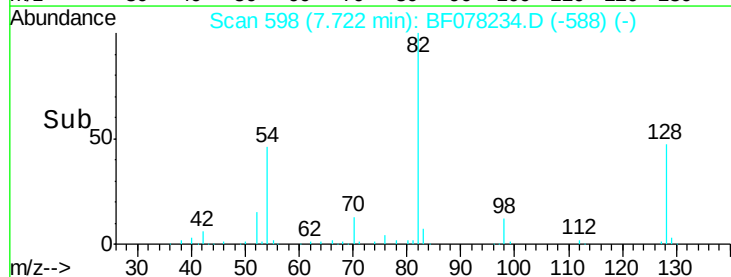
Tgt Ion:	82	Resp:	219915
Ion Ratio	Lower	Upper	
82	100		
128	47.2	31.8	47.8
54	46.6	41.5	62.3

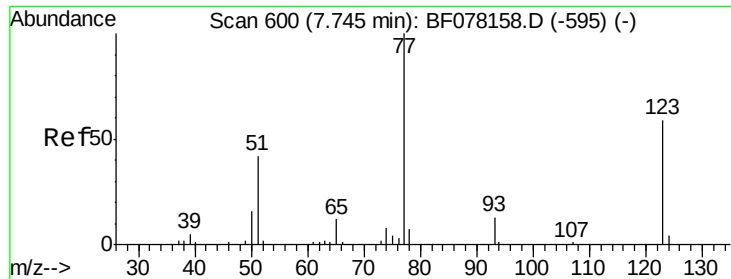


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





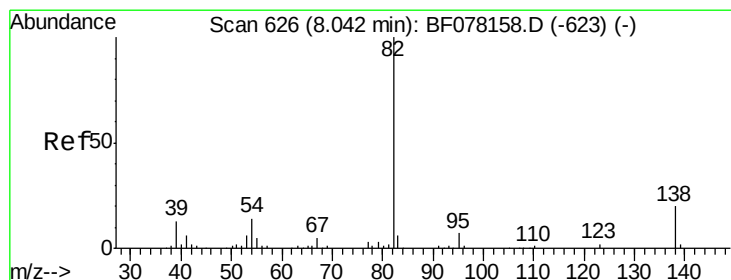
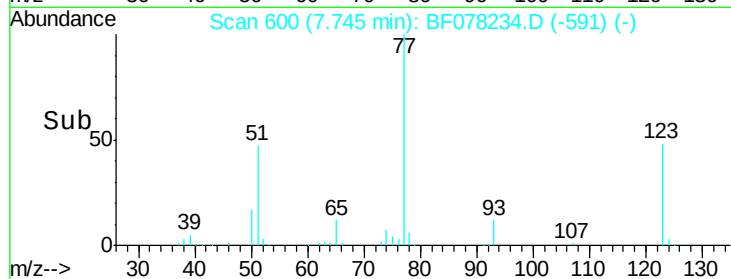
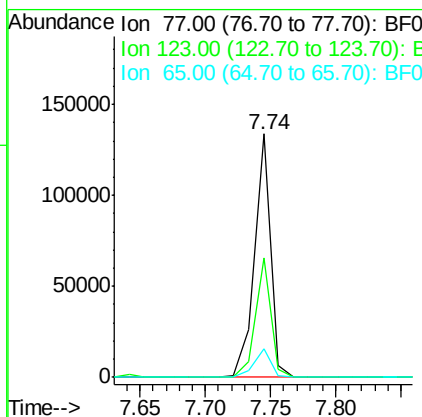
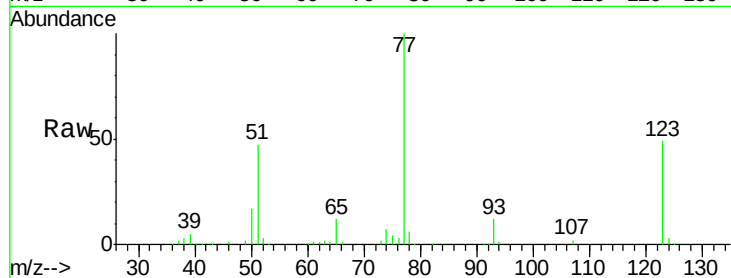
#24
 Nitrobenzene
 Concen: 29.75 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:	77	Resp:	115666
Ion Ratio	Lower	Upper	
77	100		
123	49.1	46.9	70.3
65	11.9	9.5	14.3

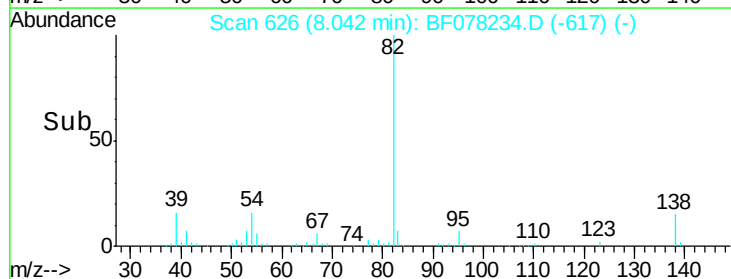
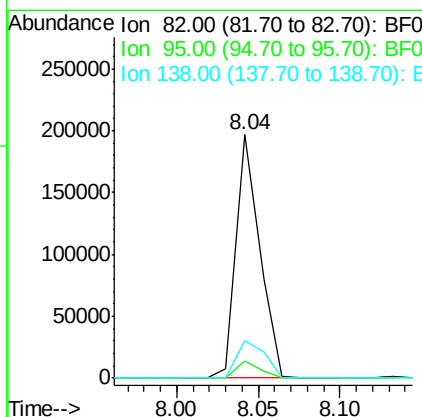
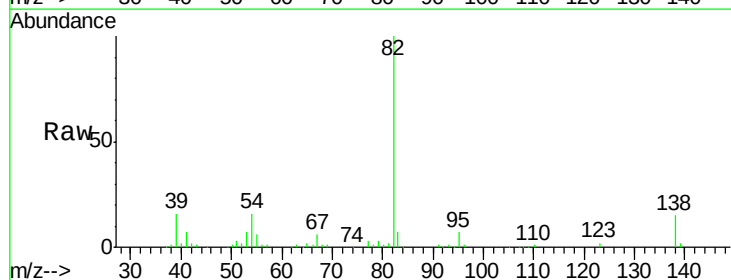
Manual Integrations
 APPROVED

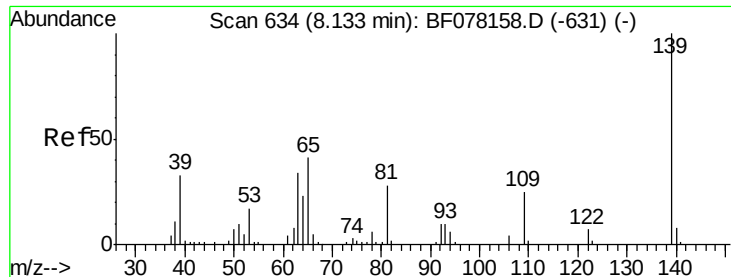
apatel
 4/6/2015 12:06:16 PM



#25
 Isophorone
 Concen: 27.79 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:	82	Resp:	196185
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	15.3	15.8	23.8





#26

2-Nitrophenol

Concen: 26.07 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

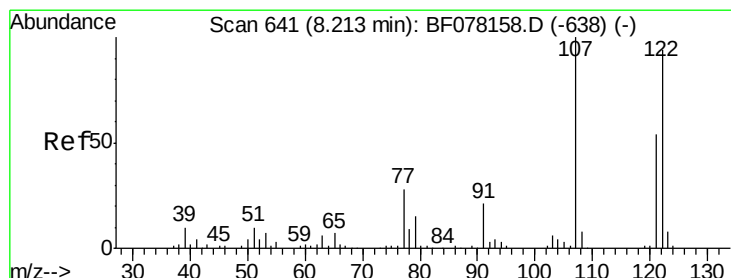
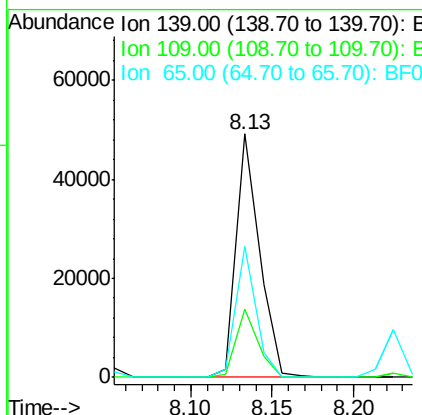
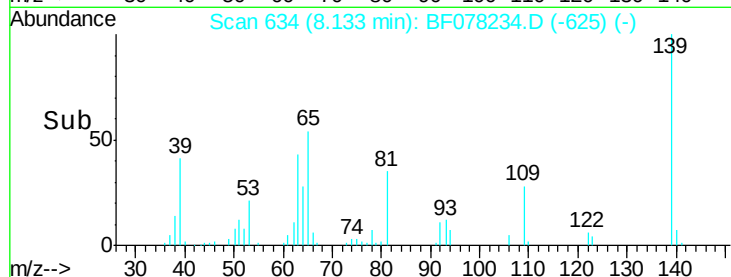
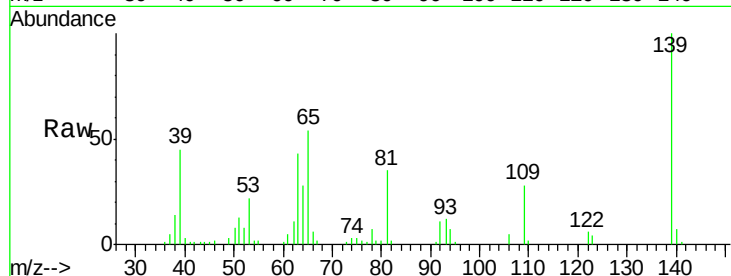
ClientSampleId :

COMP-4MS

Tot Ion:	139	Resp:	48294
Ion Ratio	Lower	Upper	
139	100		
109	27.9	19.8	29.8
65	53.7	32.7	49.1

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



#27

2,4-Dimethylphenol

Concen: 26.51 ng

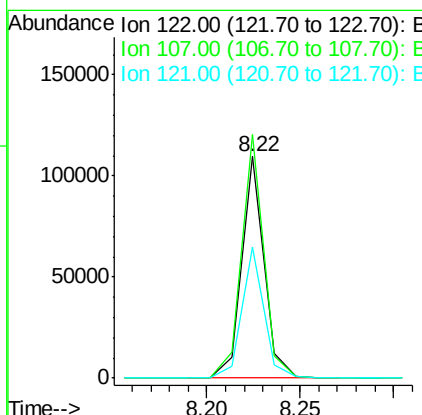
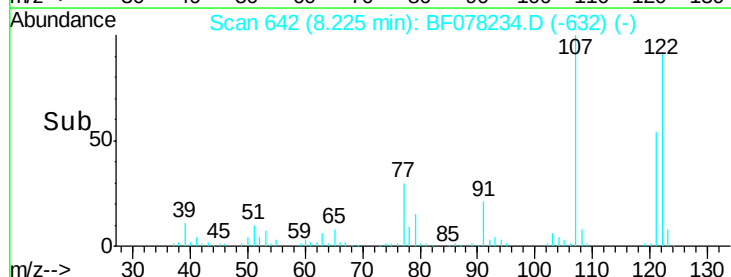
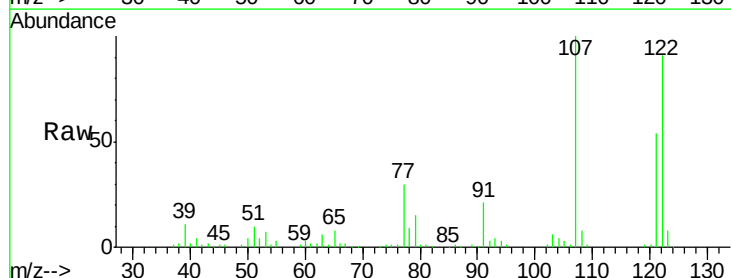
RT: 8.22 min Scan# 642

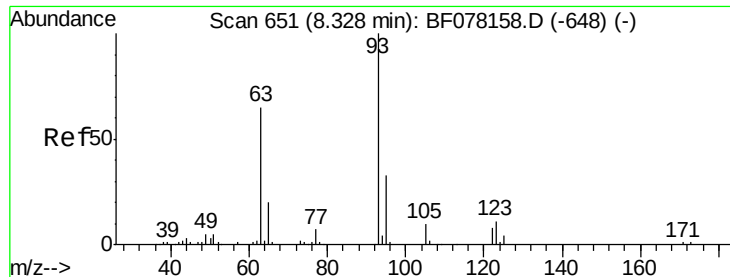
Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Tgt Ion:	122	Resp:	91350
Ion Ratio	Lower	Upper	
122	100		
107	109.9	84.6	127.0
121	58.9	46.0	69.0





#28

bis(2-Chloroethoxy)methane

Concen: 28.06 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

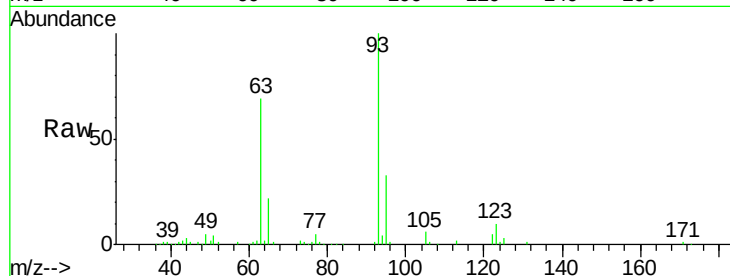
ClientSampleId :

COMP-4MS

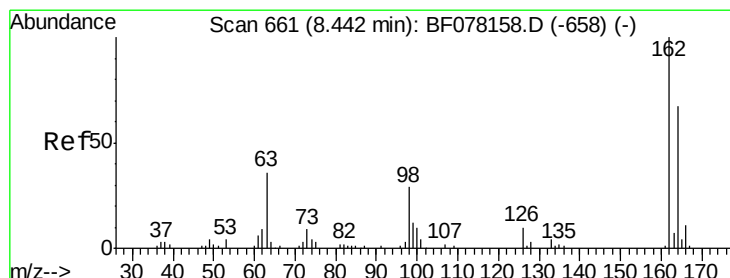
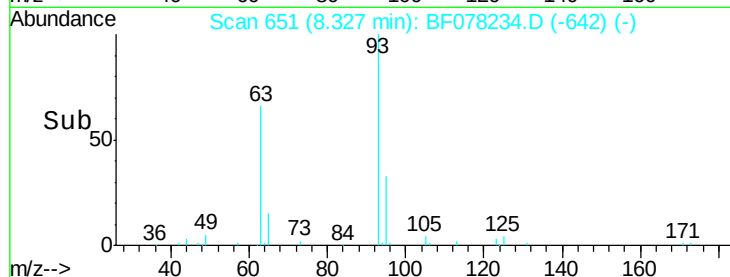
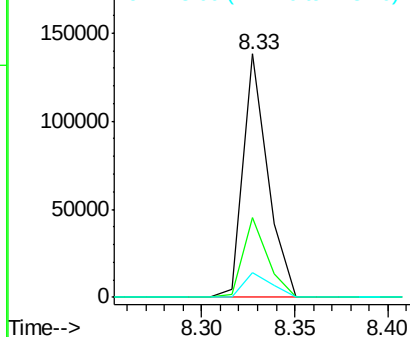
Tot Ion:	93	Resp:	126992
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	9.9	9.1	13.7

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 30.67 ng

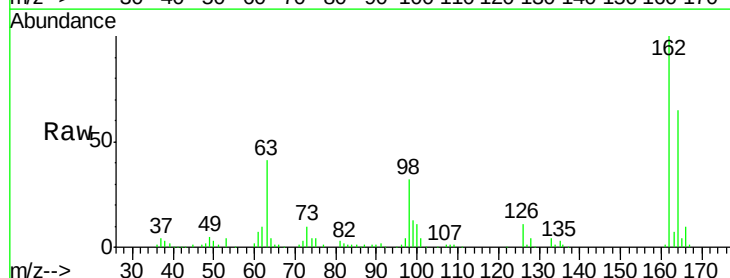
RT: 8.45 min Scan# 662

Delta R.T. 0.01 min

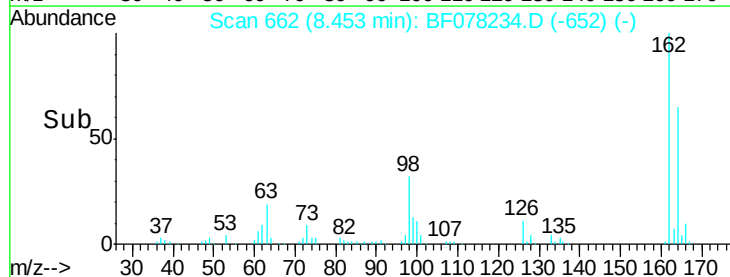
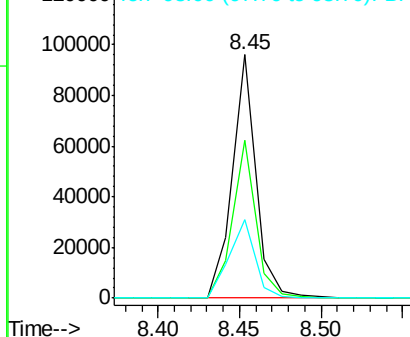
Lab File: BF078234.D

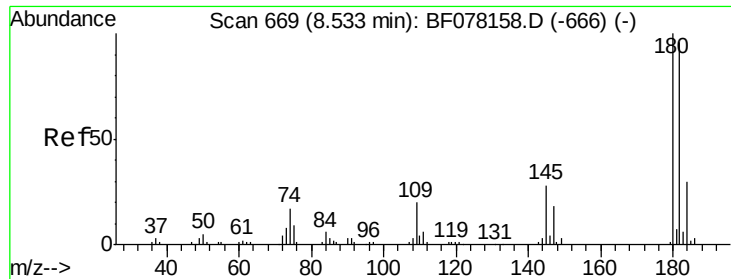
Acq: 3 Apr 2015 9:21

Tgt Ion:	162	Resp:	96127
Ion Ratio	Lower	Upper	
162	100		
164	64.7	47.0	87.0
98	32.2	9.2	49.2



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





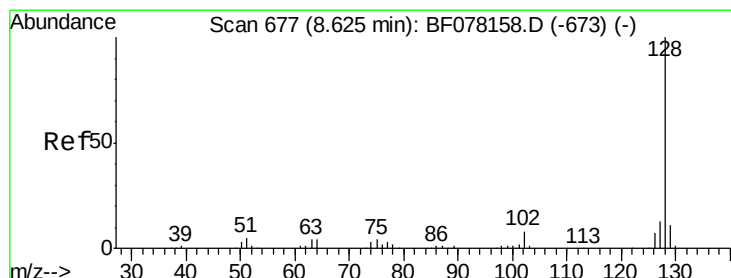
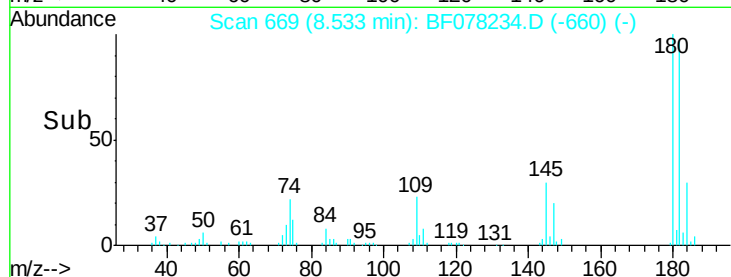
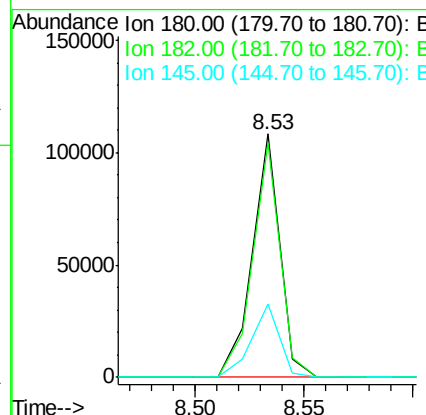
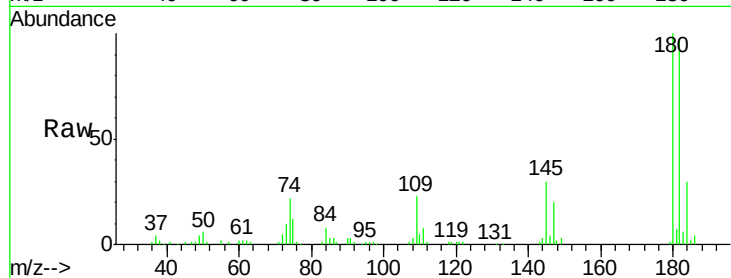
#30
 1,2,4-Trichlorobenzene
 Concen: 26.47 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	95127		
182	96.6	76.9	115.3	
145	30.3	22.5	33.7	

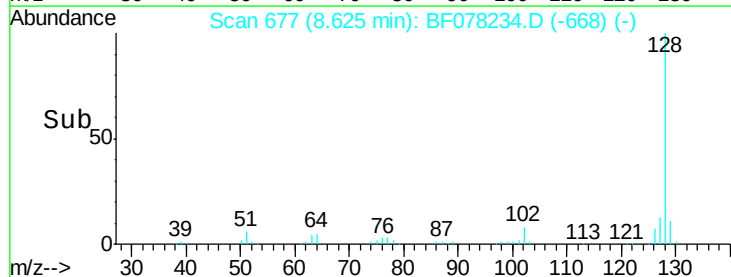
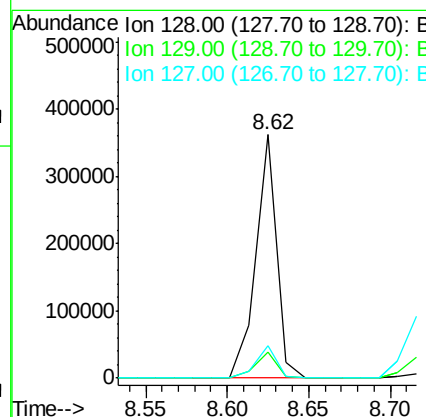
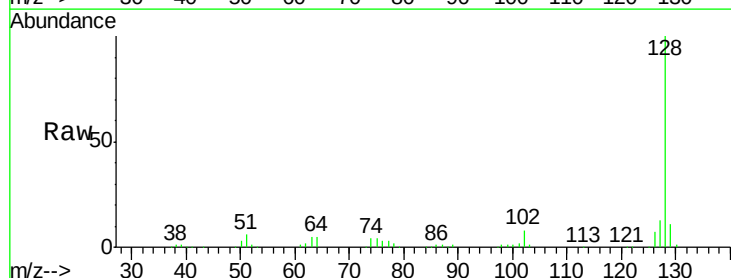
Manual Integrations
 APPROVED

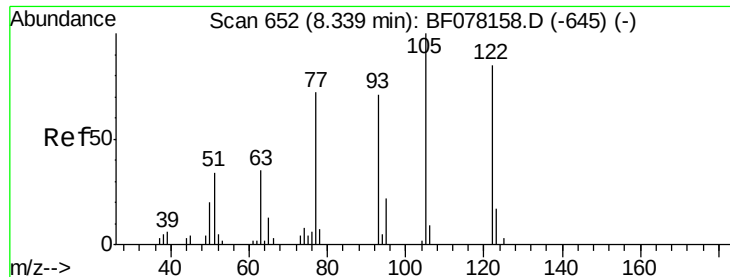
apatel
 4/6/2015 12:06:16 PM



#31
 Naphthalene
 Concen: 27.15 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	318554		
129	10.7	8.6	12.8	
127	13.2	10.7	16.1	





#32

Benzoic acid

Concen: 15.83 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

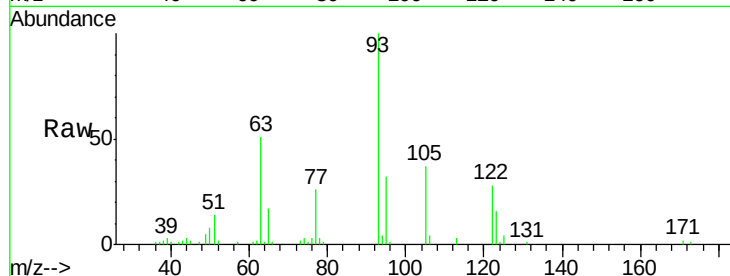
ClientSampleId :

COMP-4MS

Tot Ion:	122	Resp:	18495
Ion Ratio	Lower	Upper	
122	100		
105	130.4	96.1	136.1
77	92.6	64.1	104.1

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM

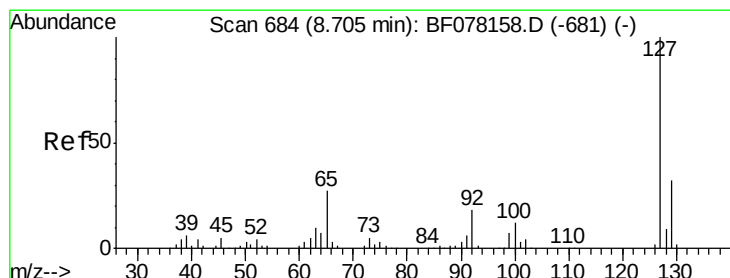
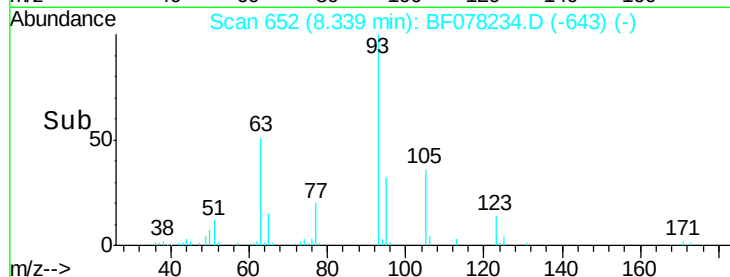
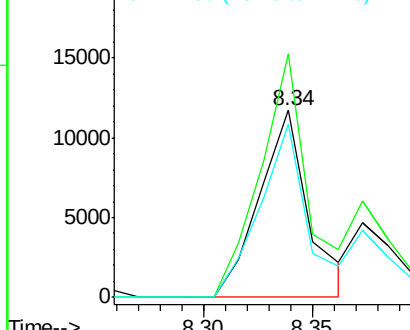


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 19.50 ng

RT: 8.72 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Tgt Ion:	127	Resp:	94953
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.5	38.3
65	25.0	21.7	32.5
92	16.8	14.6	21.8

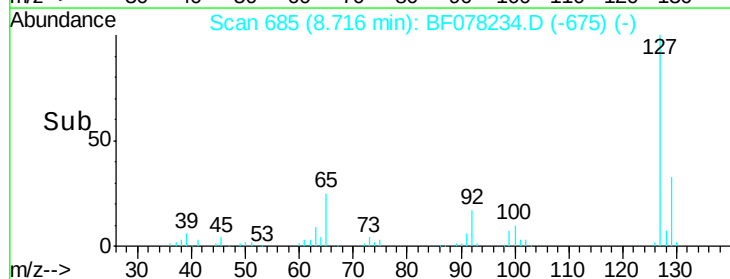
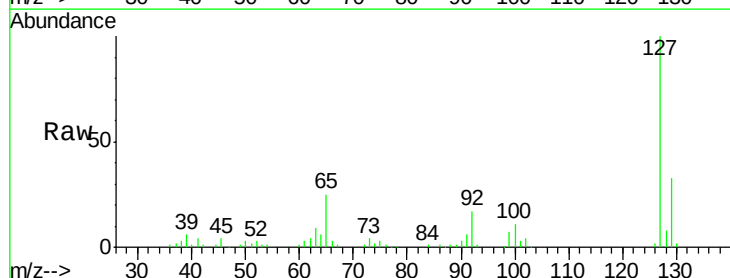
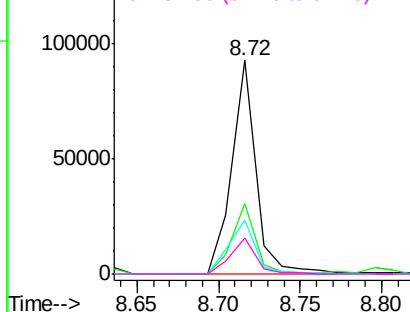
Abundance

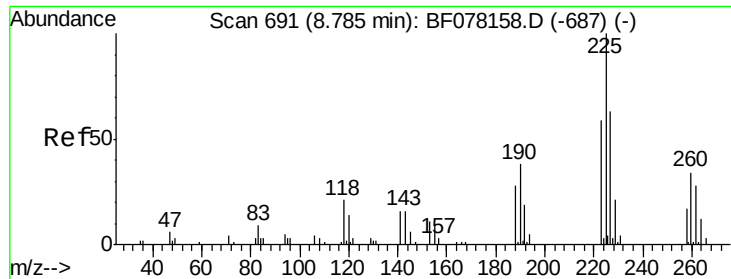
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 25.85 ng

RT: 8.78 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

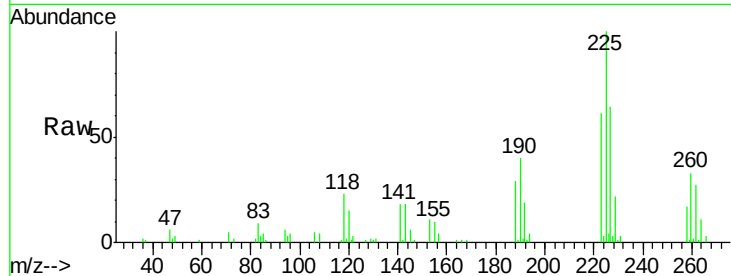
ClientSampleId :

COMP-4MS

Tot Ion:	225	Resp:	51002
Ion Ratio	Lower	Upper	
225	100		
223	61.1	47.5	71.3
227	63.5	50.2	75.2

Manual Integrations
APPROVED

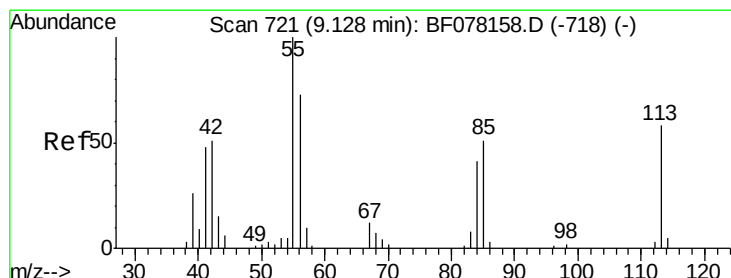
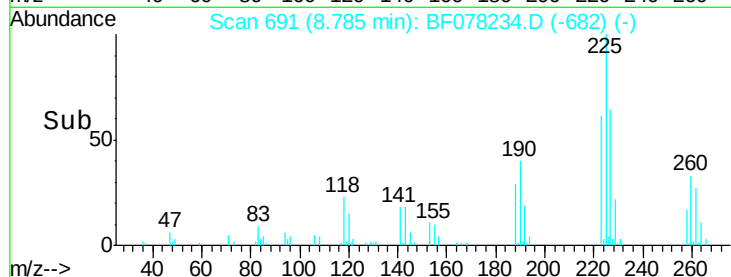
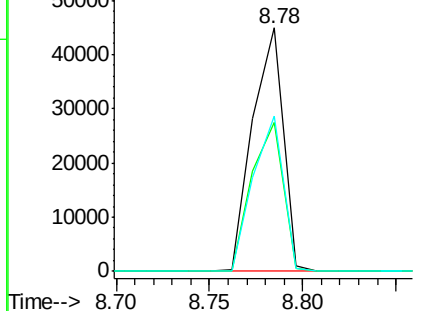
apatel
4/6/2015 12:06:16 PM



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 30.10 ng

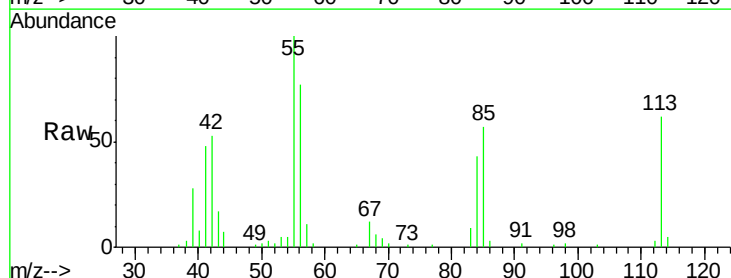
RT: 9.14 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

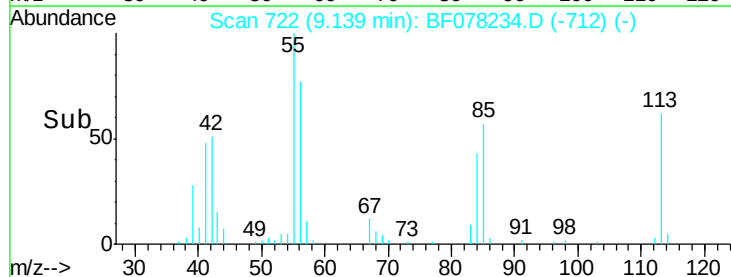
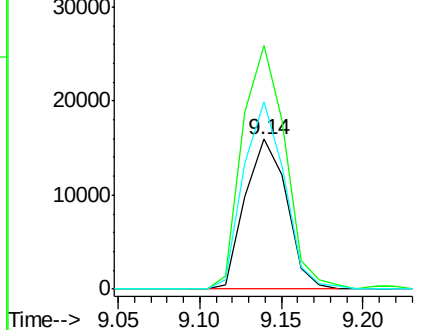
Tgt Ion:	113	Resp:	28158
Ion Ratio	Lower	Upper	
113	100		
55	162.3	151.9	191.9
56	124.6	106.1	146.1

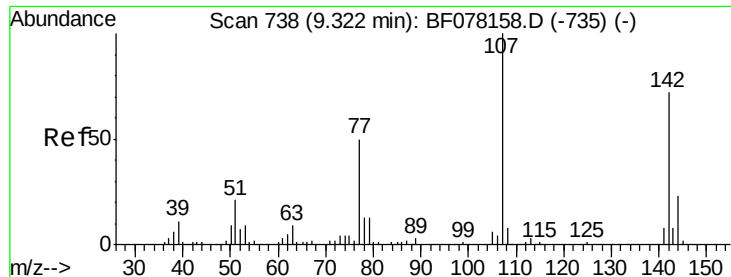


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 29.84 ng

RT: 9.34 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

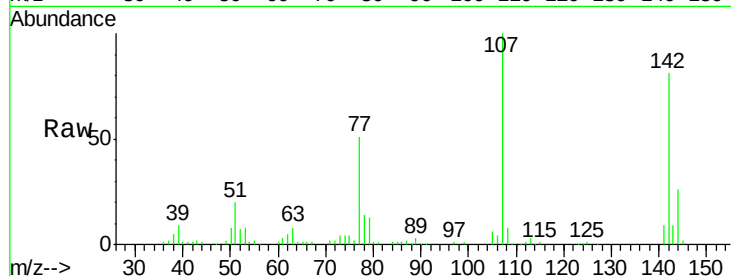
ClientSampled :

COMP-4MS

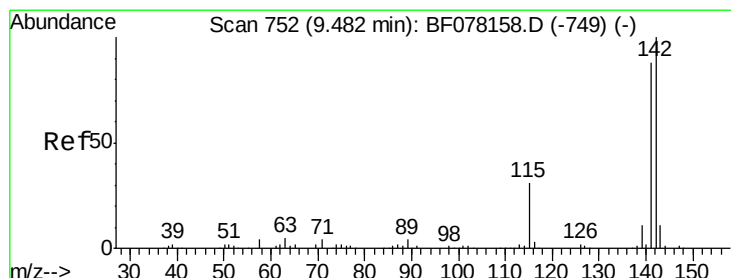
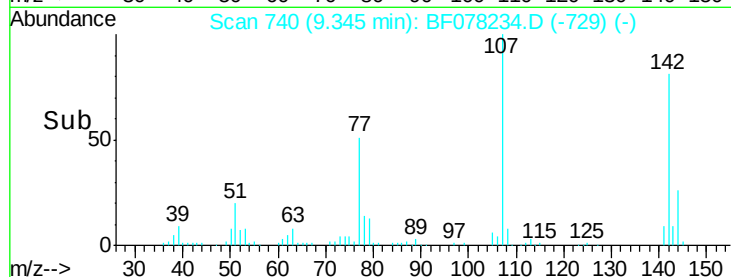
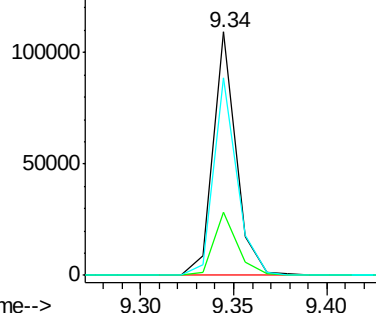
Tot Ion:	107	Resp:	94386
Ion Ratio	Lower	Upper	
107	100		
144	26.1	18.2	27.2
142	81.0	58.0	87.0

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 27.60 ng

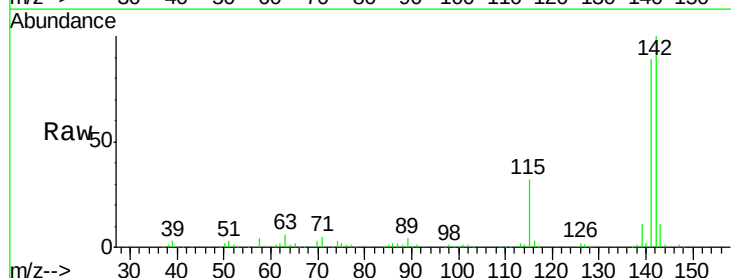
RT: 9.48 min Scan# 752

Delta R.T. -0.00 min

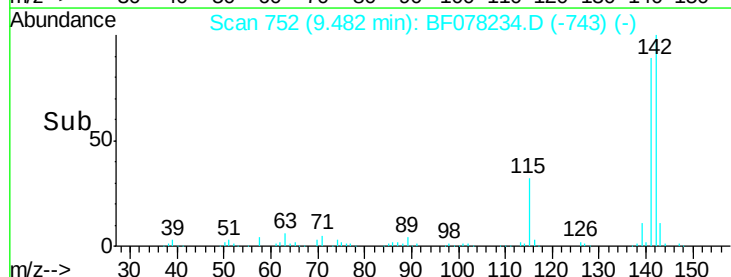
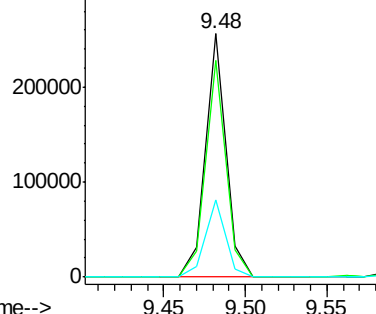
Lab File: BF078234.D

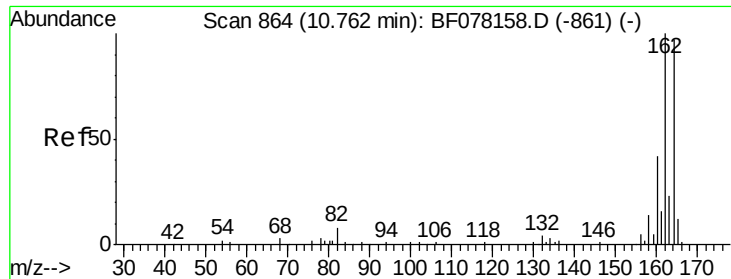
Acq: 3 Apr 2015 9:21

Tgt Ion:	142	Resp:	219899
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.3	105.5
115	31.7	24.6	37.0



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





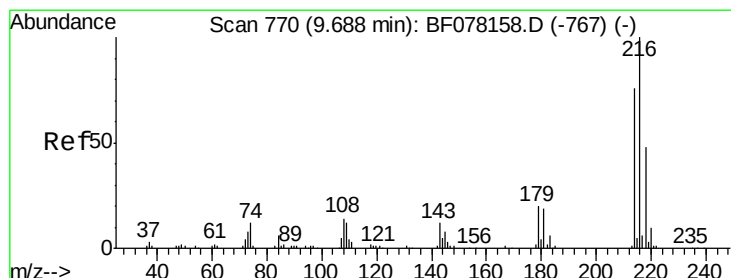
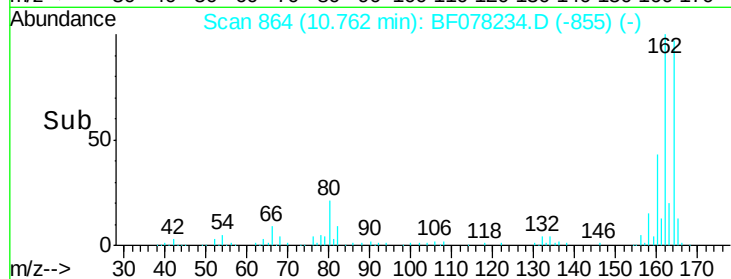
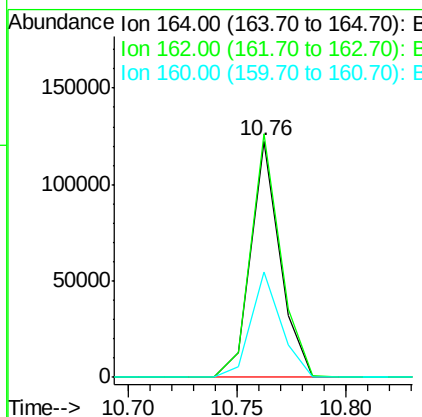
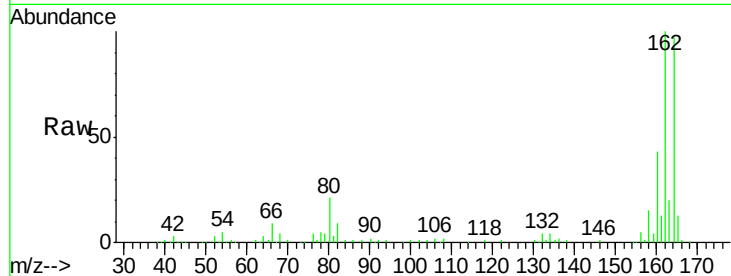
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	44.5	34.7	52.1

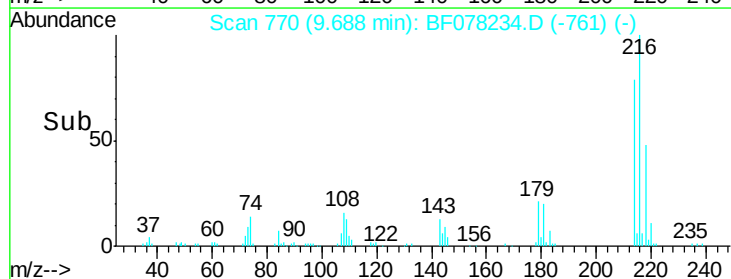
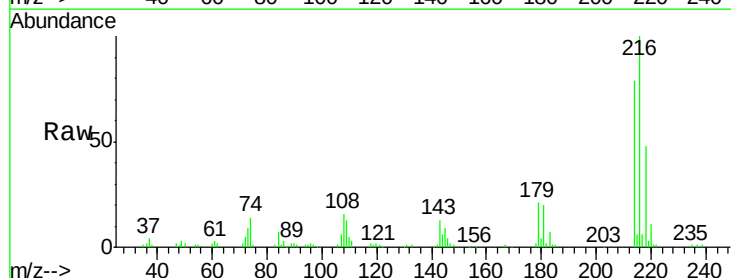
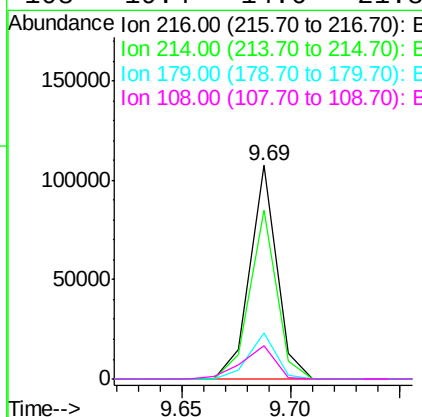
Manual Integrations
APPROVED

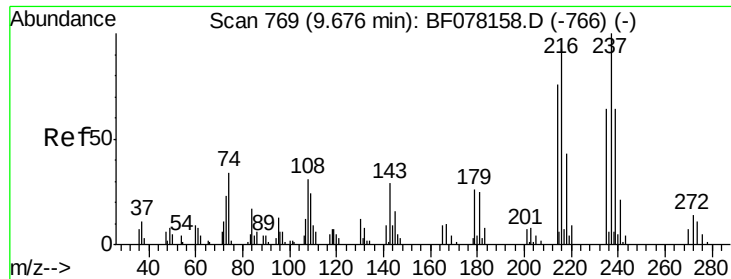
apatel
4/6/2015 12:06:16 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.06 ng
RT: 9.69 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.0	93.0
179	22.0	17.3	25.9
108	19.4	14.6	21.8





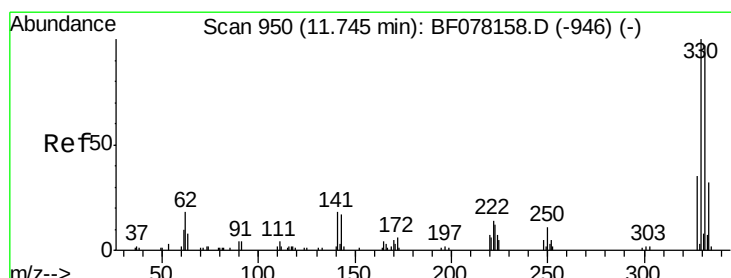
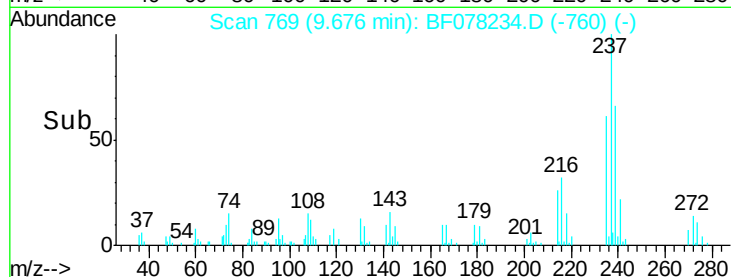
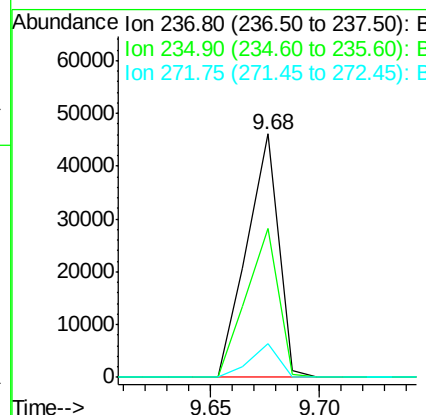
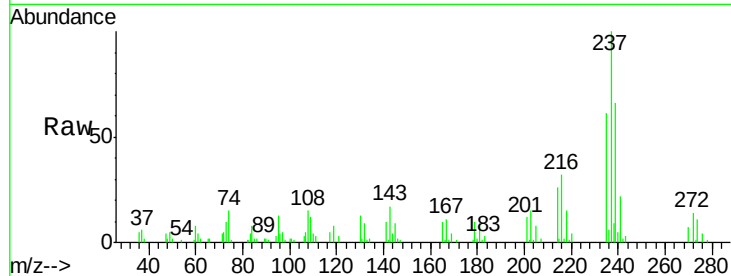
#40
Hexachlorocyclopentadiene
Concen: 34.66 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	46624		
235	61.4		44.1	84.1
272	13.8		0.0	34.4

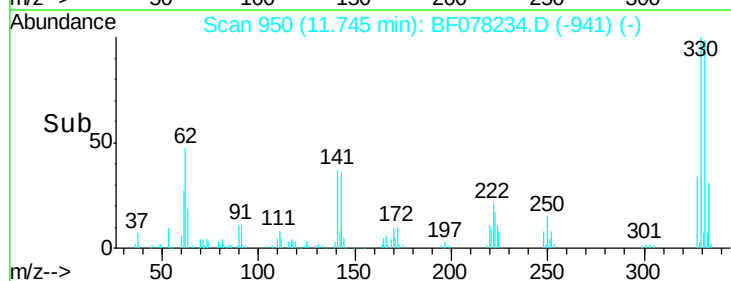
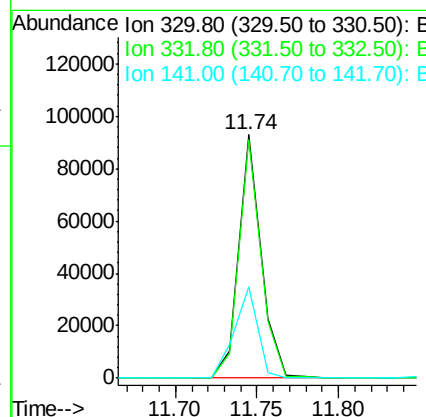
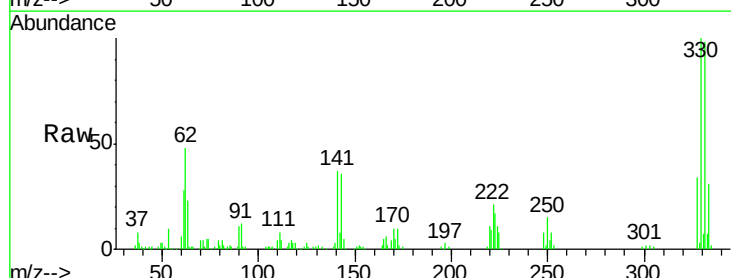
Manual Integrations
APPROVED

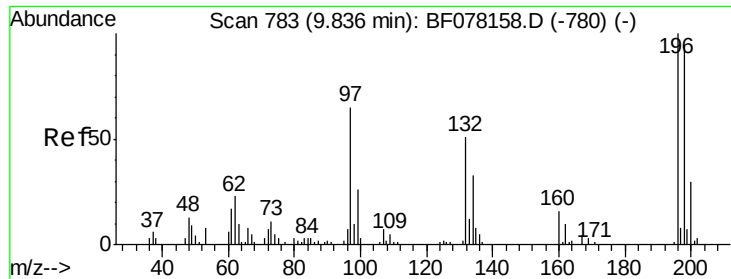
apatel
4/6/2015 12:06:16 PM



#41
2,4,6-Tribromophenol
Concen: 92.12 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	87729		
332	97.1		78.6	117.8
141	39.2		31.2	46.8





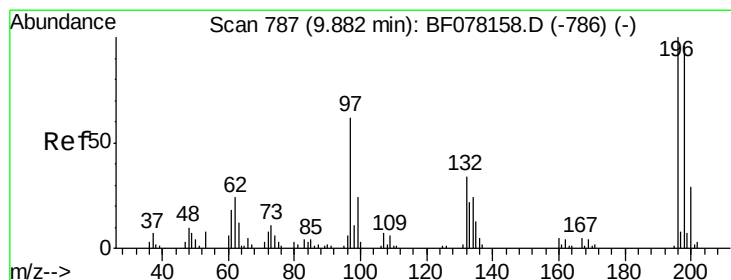
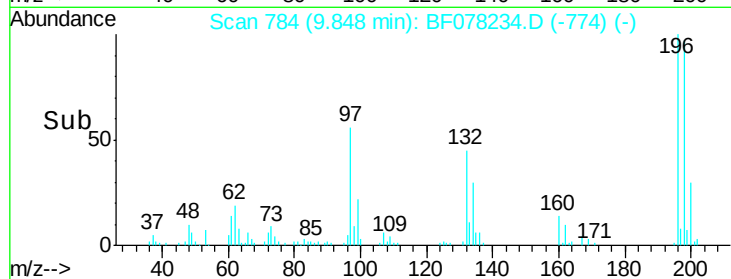
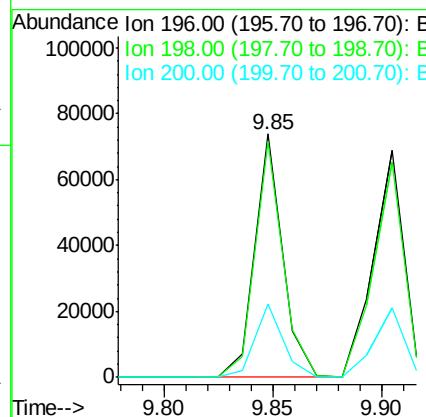
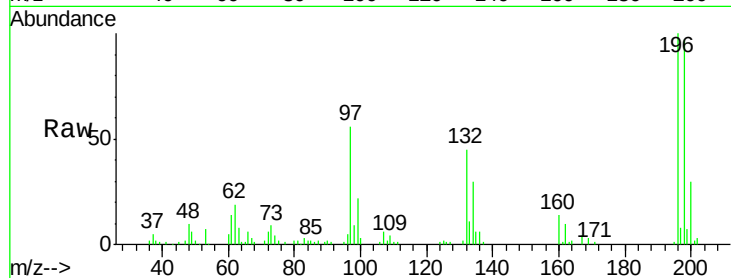
#42
 2,4,6-Trichlorophenol
 Concen: 29.31 ng
 RT: 9.85 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampled :
 COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	65771		
198	96.7	75.4	113.2	
200	29.9	24.0	36.0	

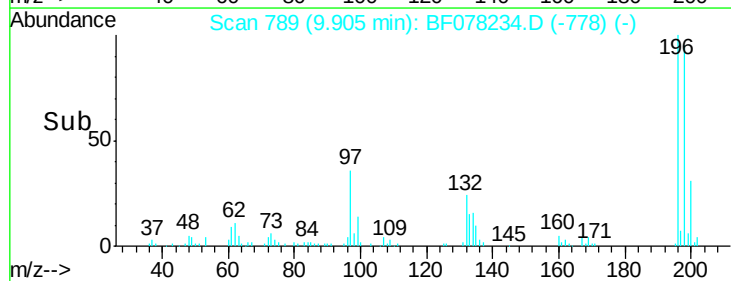
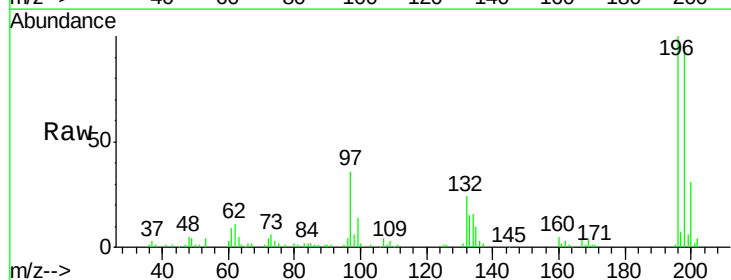
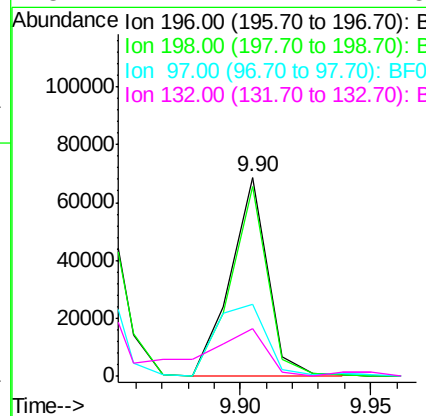
Manual Integrations
 APPROVED

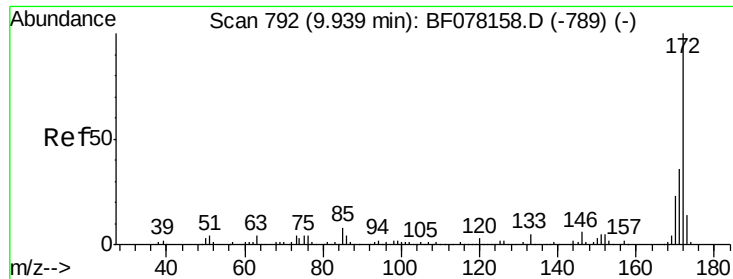
apatel
 4/6/2015 12:06:16 PM



#43
 2,4,5-Trichlorophenol
 Concen: 29.49 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.02 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69135		
198	95.1	76.6	115.0	
97	36.3	50.6	75.8#	
132	24.1	27.7	41.5#	





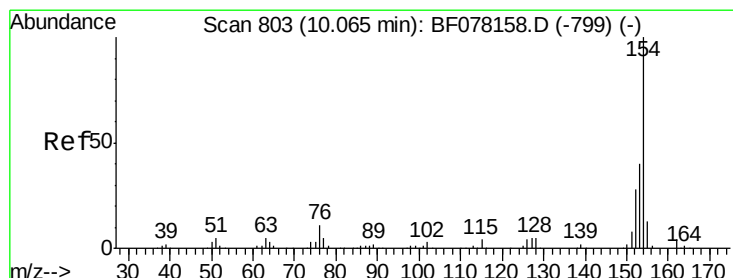
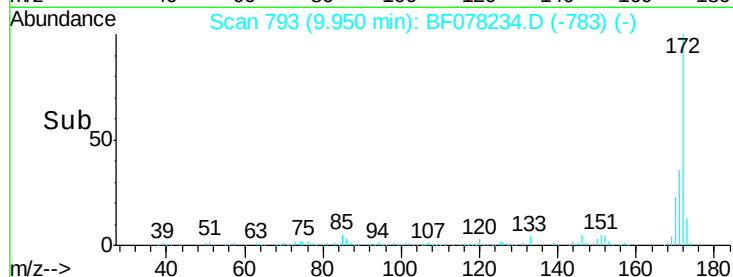
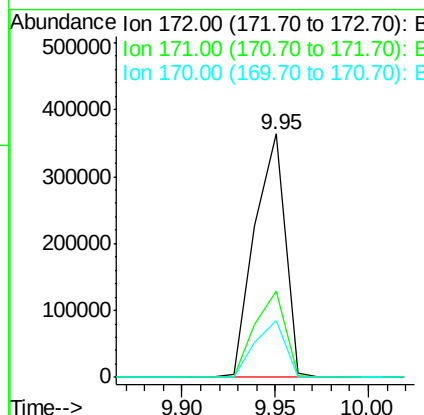
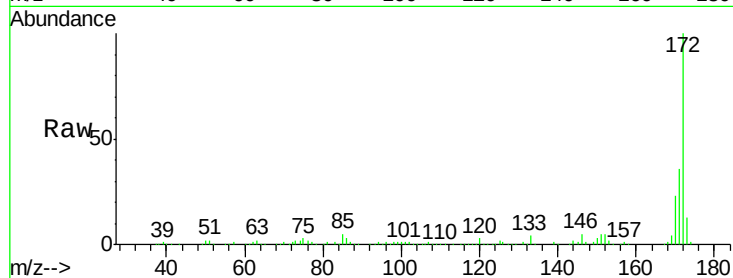
#44
 2-Fluorobiphenyl
 Concen: 51.34 ng
 RT: 9.95 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	412399		
171	35.6		28.6	42.8
170	23.2		18.5	27.7

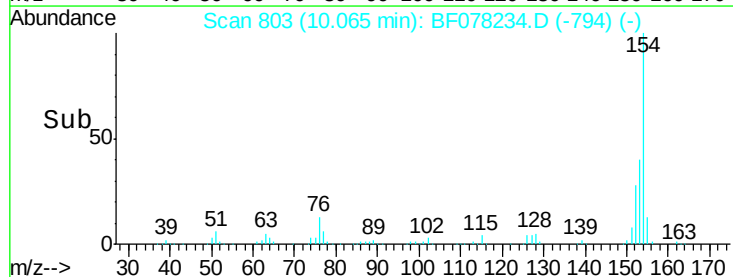
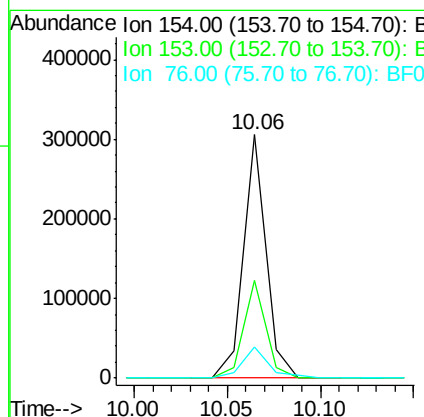
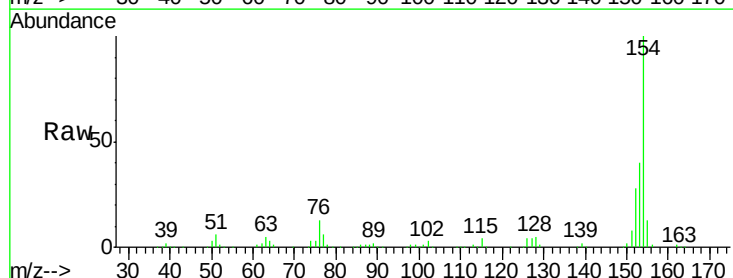
Manual Integrations
 APPROVED

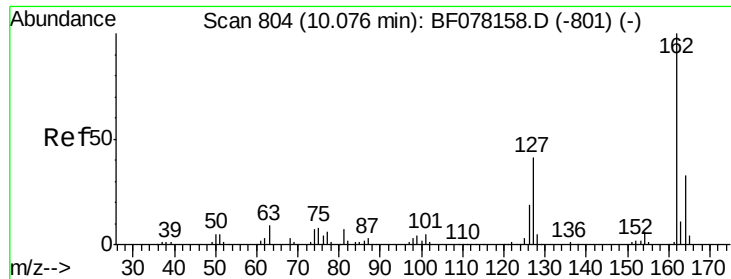
apatel
 4/6/2015 12:06:16 PM



#45
 1,1'-Biphenyl
 Concen: 27.39 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	257292		
153	40.1		20.0	60.0
76	12.5		0.0	30.6





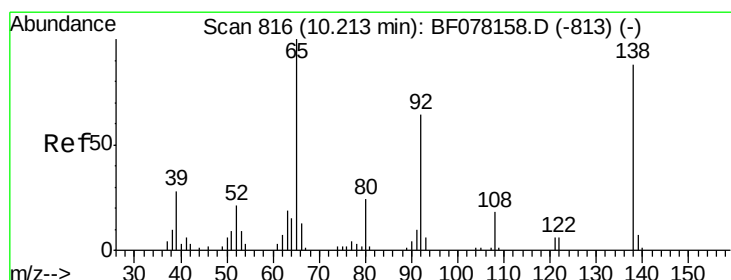
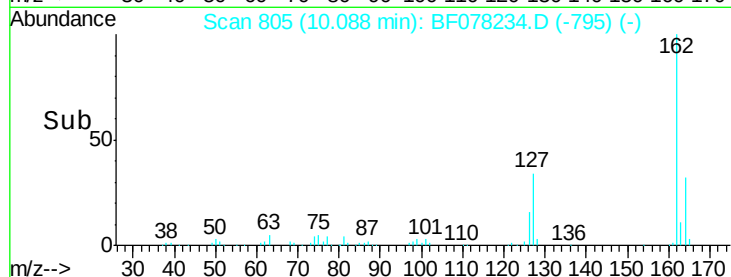
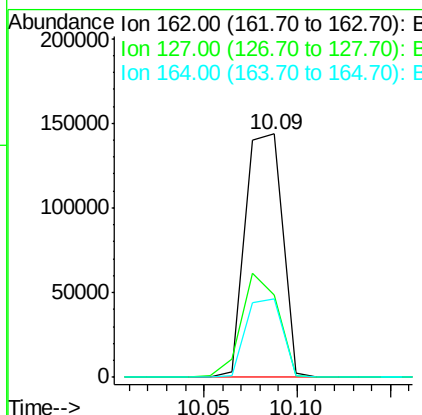
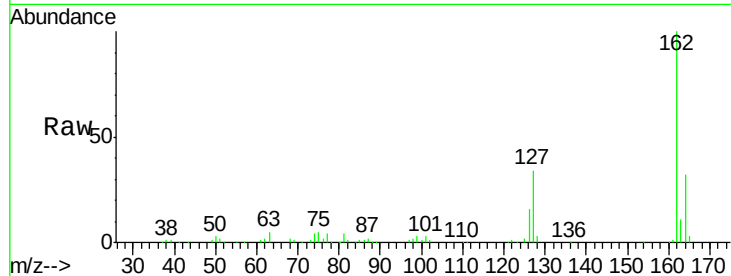
#46
2-Chloronaphthalene
Concen: 26.82 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	33.9	32.6	49.0
164	32.2	26.0	39.0

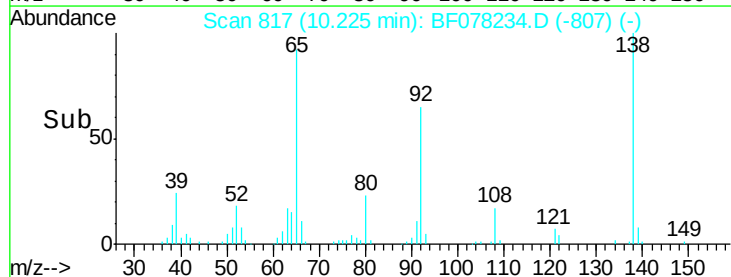
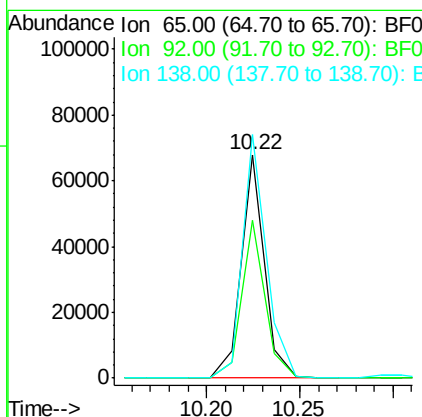
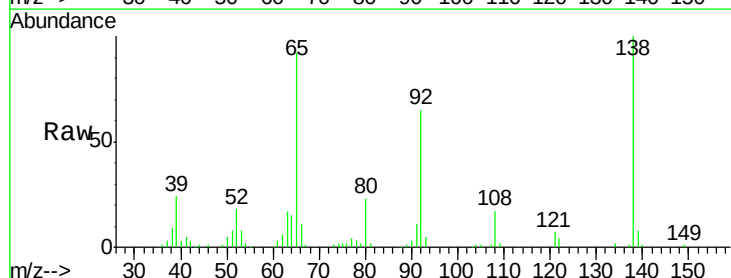
Manual Integrations
APPROVED

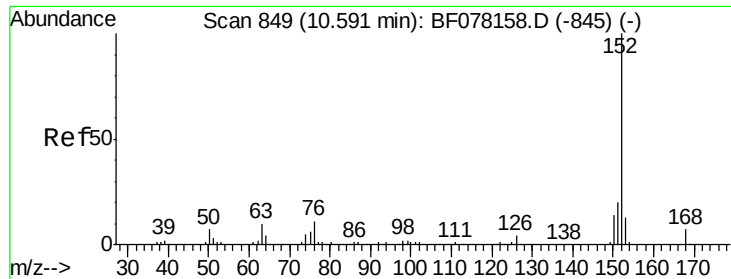
apatel
4/6/2015 12:06:16 PM



#47
2-Nitroaniline
Concen: 32.18 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.6	51.3	76.9
138	109.0	70.4	105.6





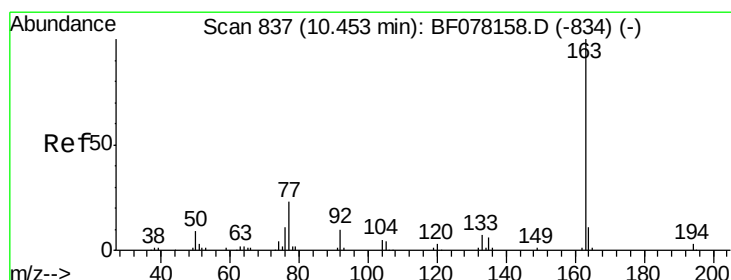
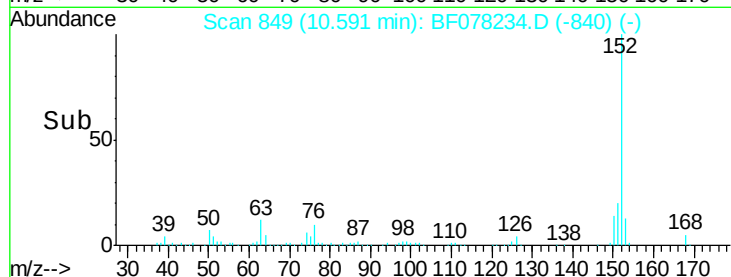
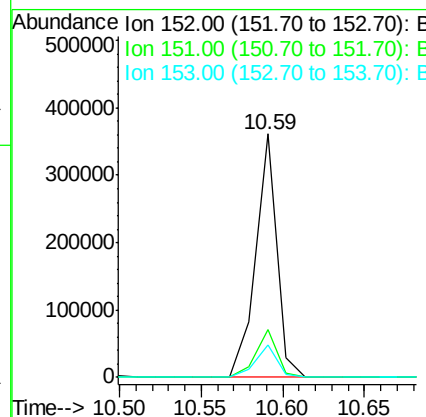
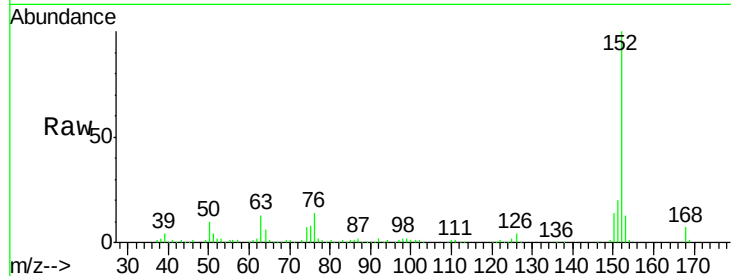
#48
Acenaphthylene
Concen: 27.23 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.2	10.2	15.2

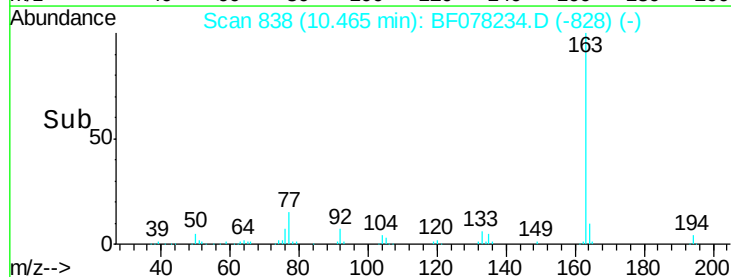
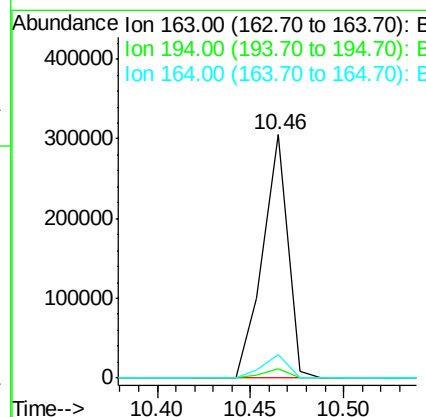
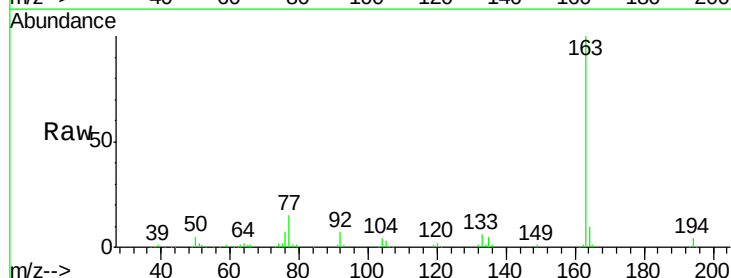
Manual Integrations
APPROVED

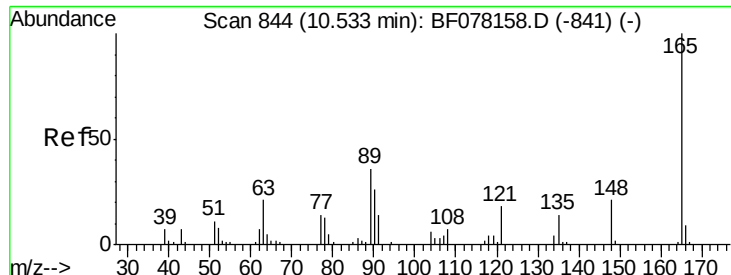
apatel
4/6/2015 12:06:16 PM



#49
Dimethylphthalate
Concen: 33.05 ng
RT: 10.46 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.3	3.5#
164	9.6	8.6	13.0





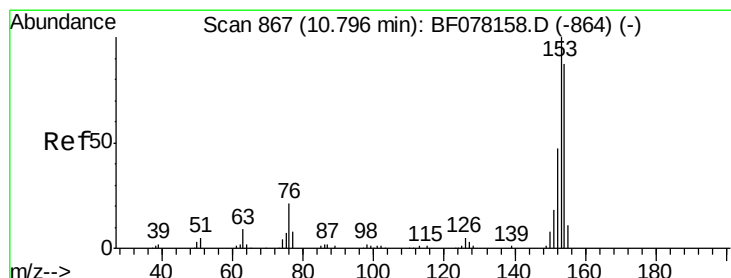
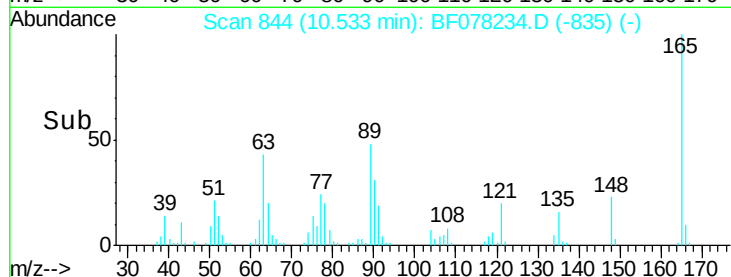
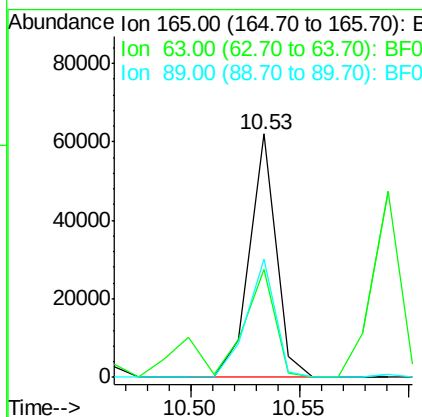
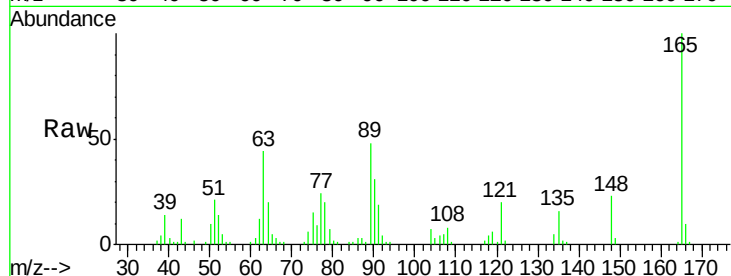
#50
 2,6-Dinitrotoluene
 Concen: 29.76 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.1	24.1	36.1#
89	48.3	28.9	43.3#

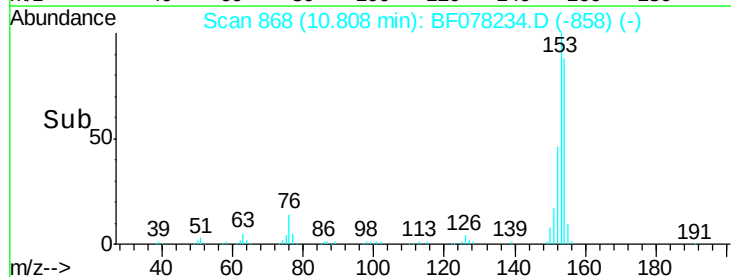
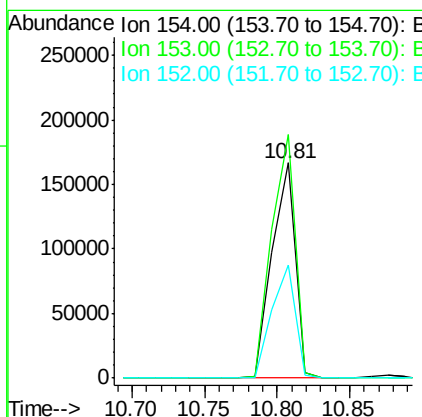
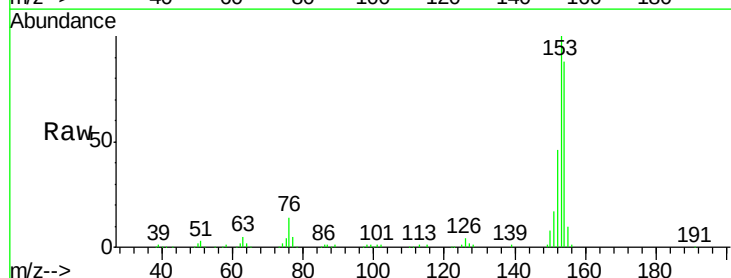
Manual Integrations
 APPROVED

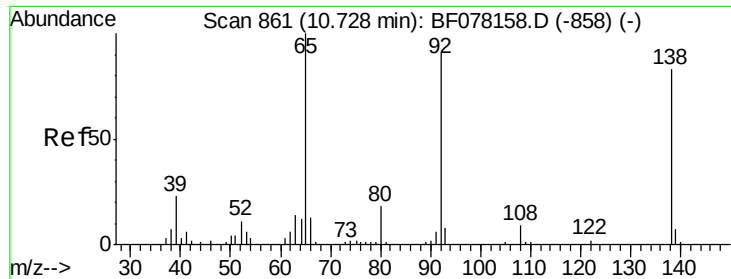
apatel
 4/6/2015 12:06:16 PM



#51
 Acenaphthene
 Concen: 27.46 ng
 RT: 10.81 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.2	91.4	137.2
152	52.6	43.0	64.6





#52

3-Nitroaniline

Concen: 27.57 ng

RT: 10.74 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

Tot Ion:138 Resp: 55638

Ion Ratio Lower Upper

138 100

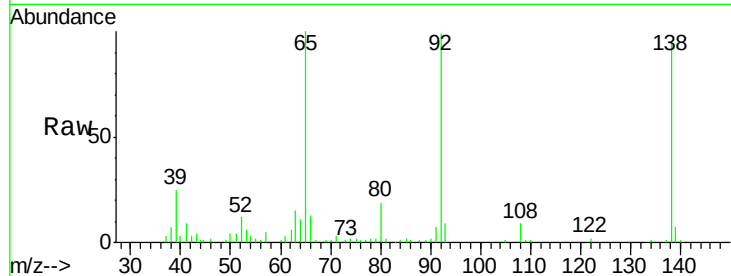
108 9.7 8.2 12.4

92 104.1 88.4 132.6

Manual Integrations
APPROVED

apatel

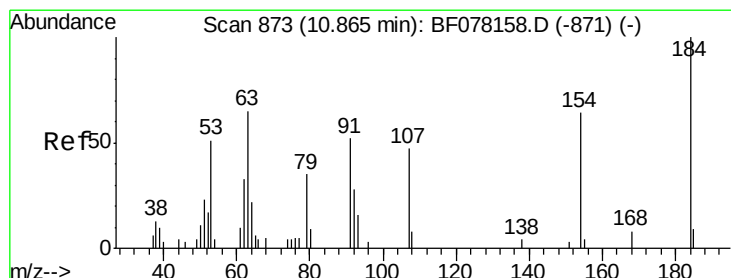
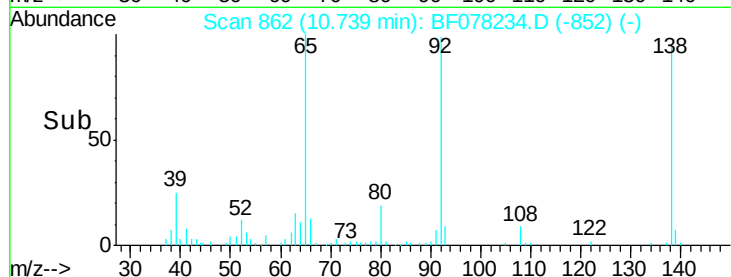
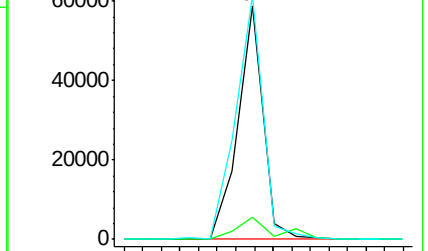
4/6/2015 12:06:16 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 19.00 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

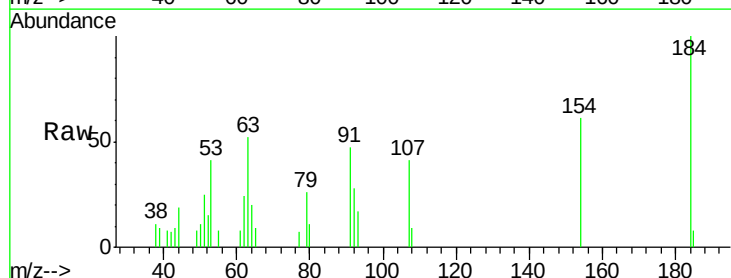
Tgt Ion:184 Resp: 6053

Ion Ratio Lower Upper

184 100

63 51.9 51.9 77.9#

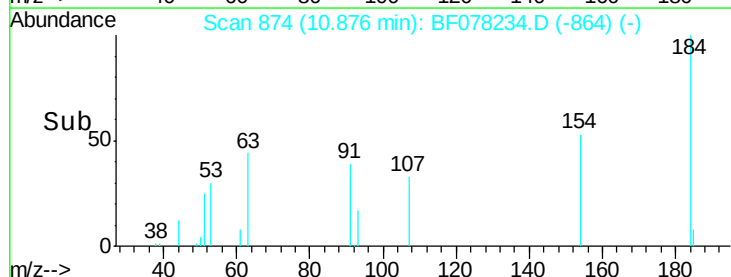
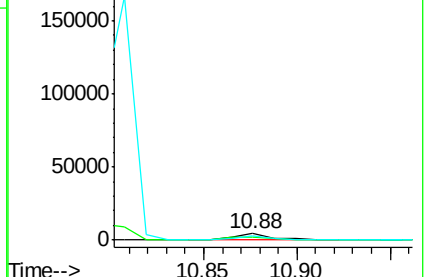
154 61.4 51.0 76.4

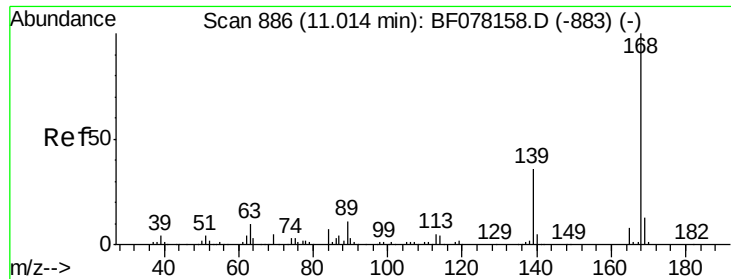


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 27.10 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

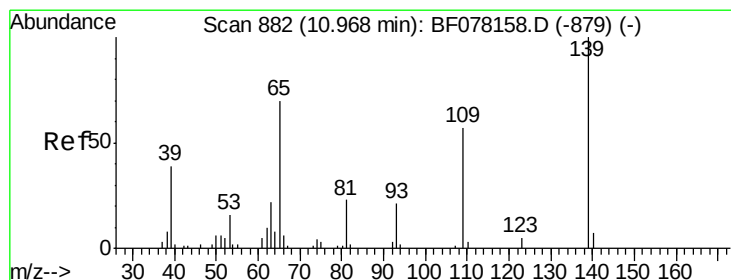
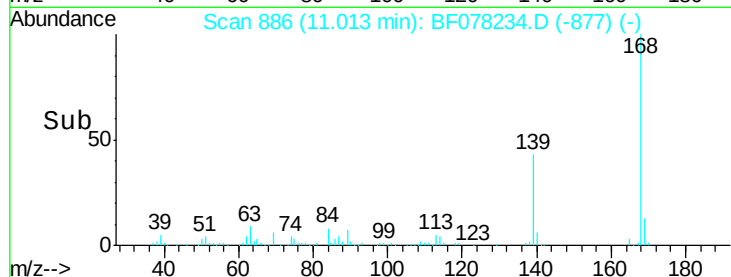
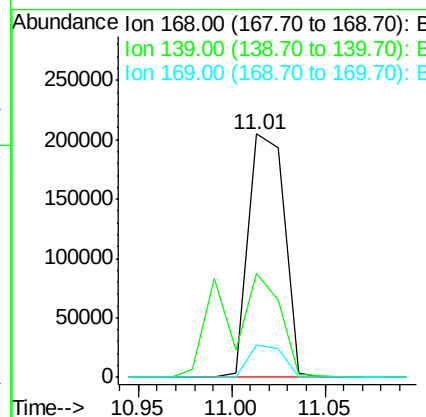
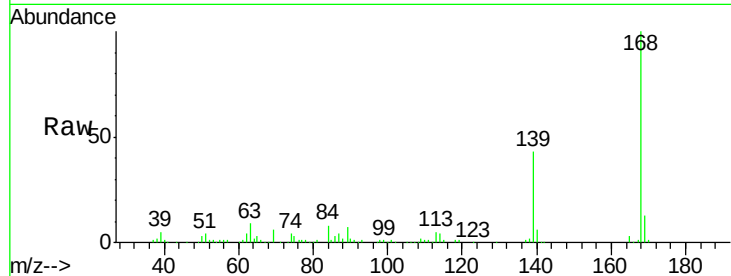
ClientSampled :

COMP-4MS

Tot Ion:	168	Resp:	278109
Ion Ratio	Lower	Upper	
168	100		
139	42.6	31.0	46.4
169	13.3	10.7	16.1

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



#55

4-Nitrophenol

Concen: 53.26 ng m

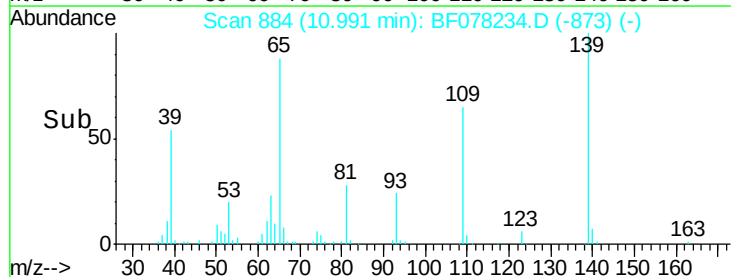
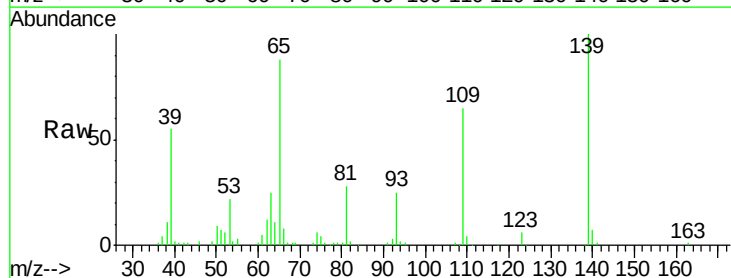
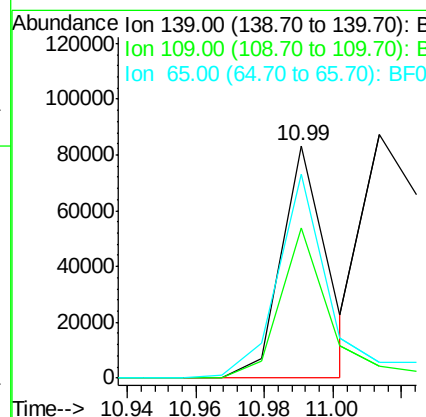
RT: 10.99 min Scan# 884

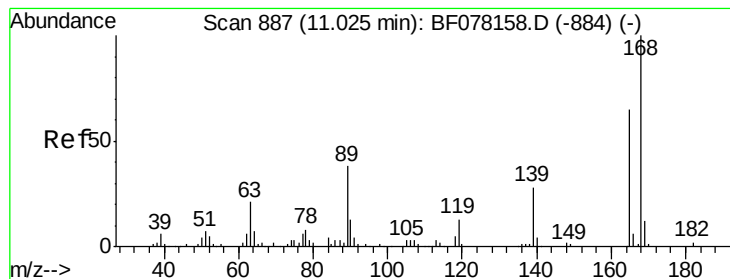
Delta R.T. 0.02 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Tgt Ion:	139	Resp:	77717
Ion Ratio	Lower	Upper	
139	100		
109	64.8	36.7	76.7
65	88.0	49.9	89.9





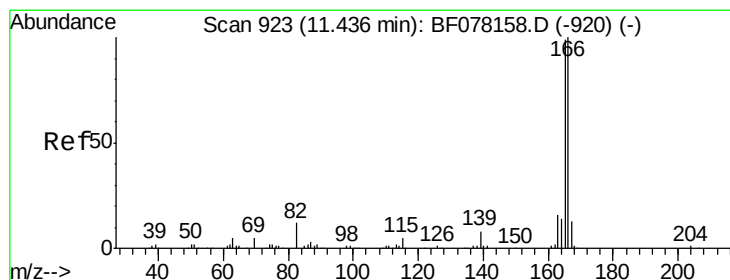
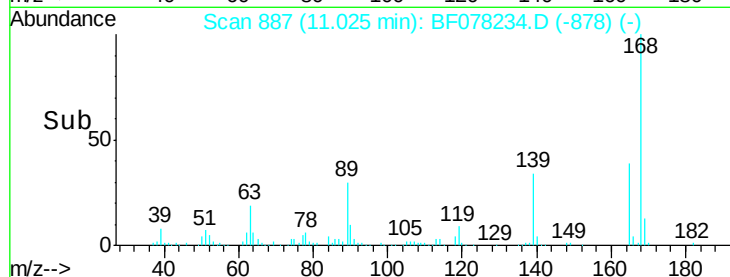
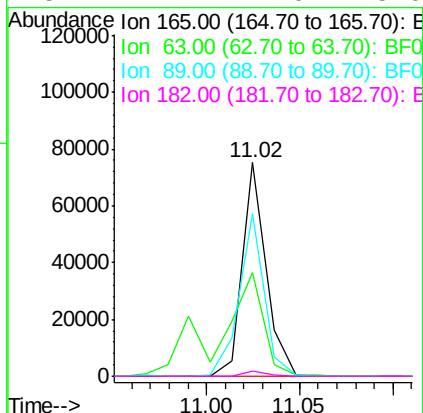
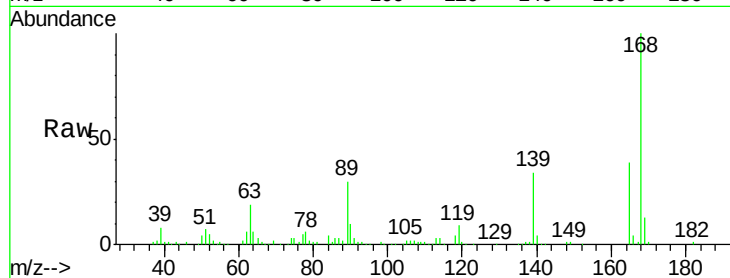
#56
2,4-Dinitrotoluene
Concen: 29.13 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.6	26.5	39.7#	
89	75.8	46.4	69.6#	
182	2.2	2.0	3.0	

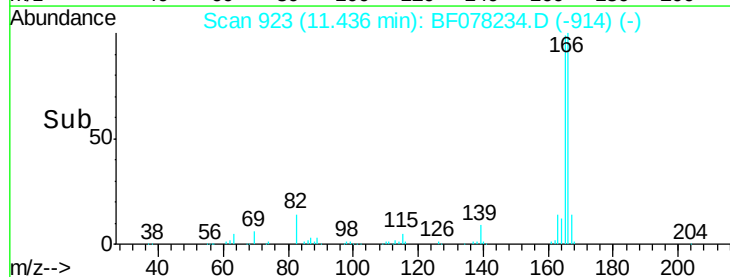
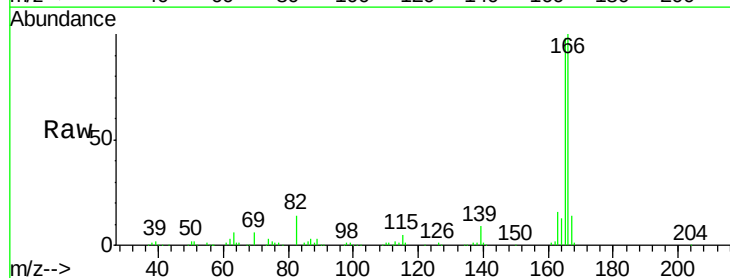
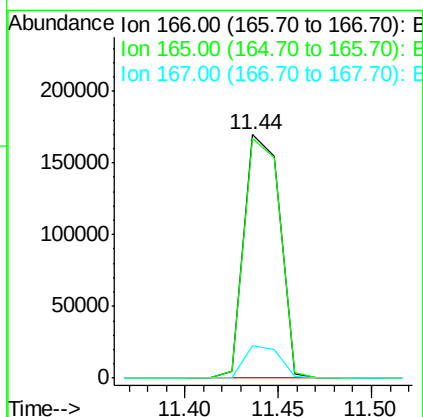
Manual Integrations
APPROVED

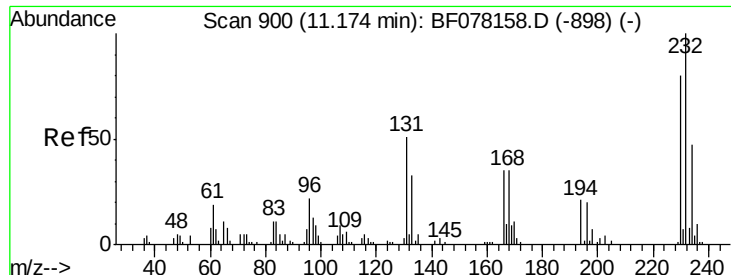
apatel
4/6/2015 12:06:16 PM



#57
Fluorene
Concen: 27.39 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.5	78.9	118.3	
167	13.5	10.7	16.1	





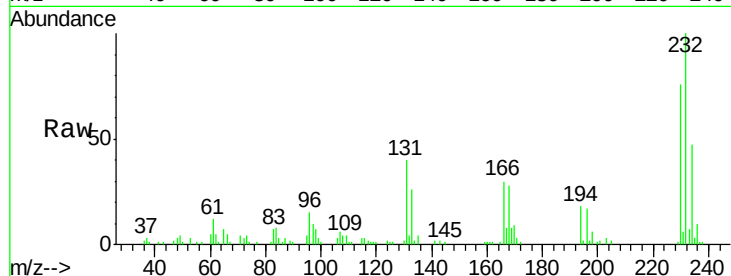
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.01 ng
 RT: 11.18 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

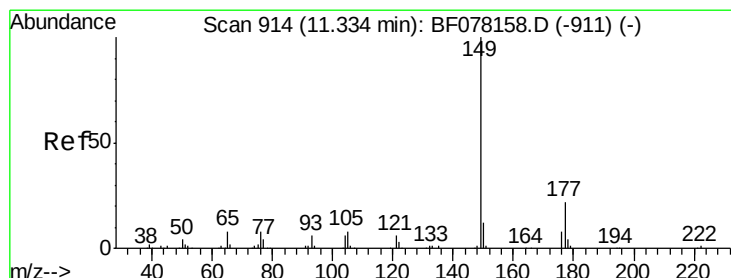
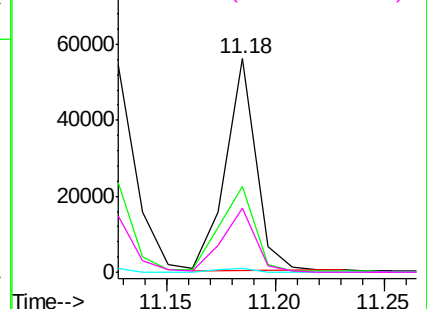
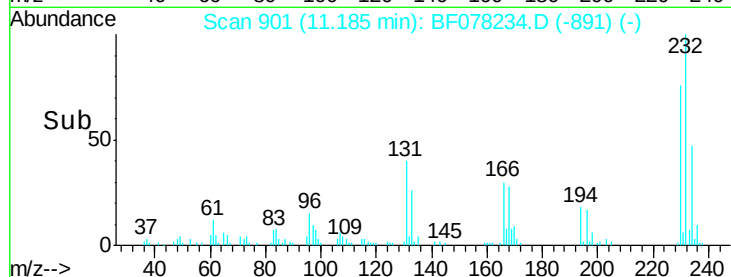
Tot Ion:	232	Resp:	53887
Ion Ratio	Lower	Upper	
232	100		
131	46.4	37.8	56.8
130	2.1	1.5	2.3
166	32.9	25.8	38.6

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:06:16 PM

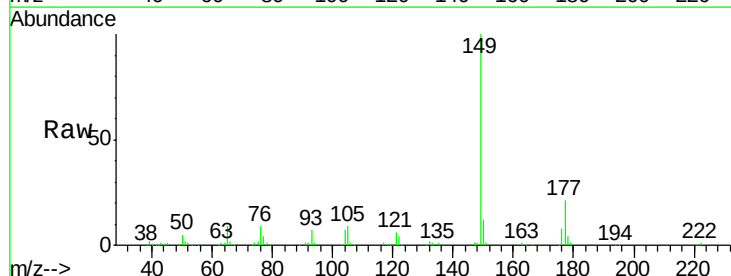


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

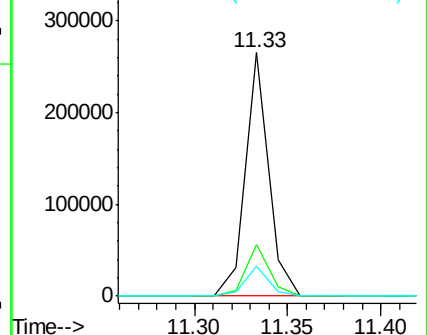
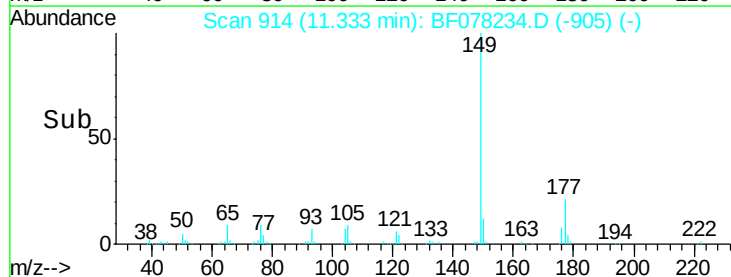


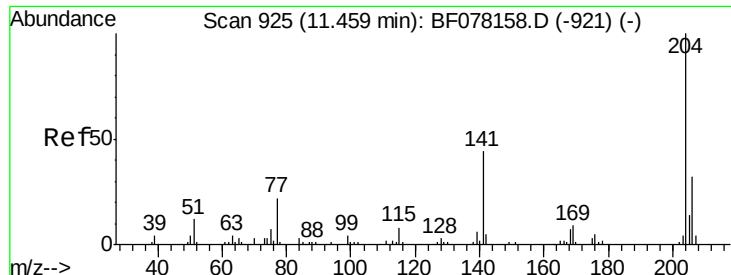
#59
 Diethylphthalate
 Concen: 27.72 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:	149	Resp:	230573
Ion Ratio	Lower	Upper	
149	100		
177	21.2	17.4	26.2
150	12.1	9.4	14.2



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





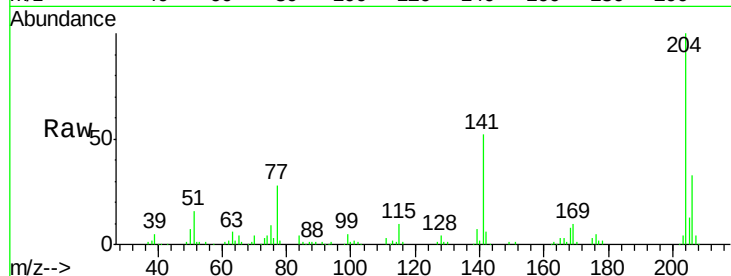
#60
4-Chlorophenyl-phenylether
Concen: 27.54 ng
RT: 11.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

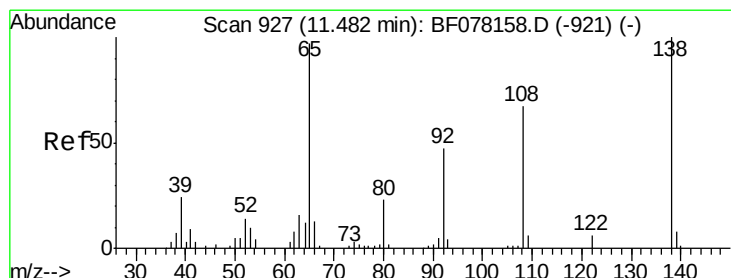
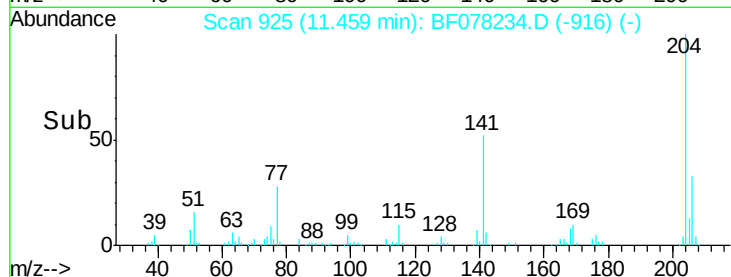
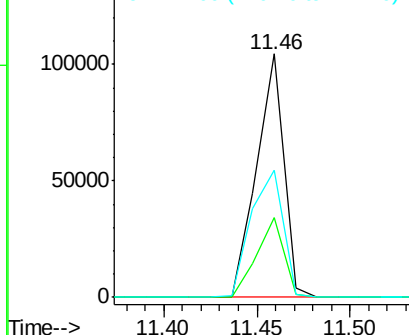
Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.7	25.6	38.4	
141	52.2	35.4	53.0	

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM

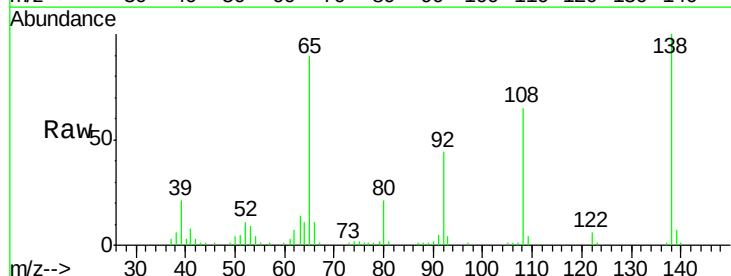


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

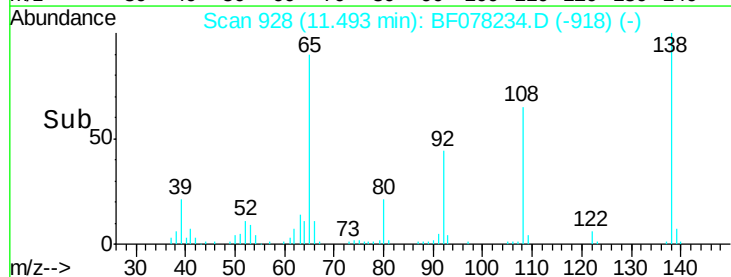
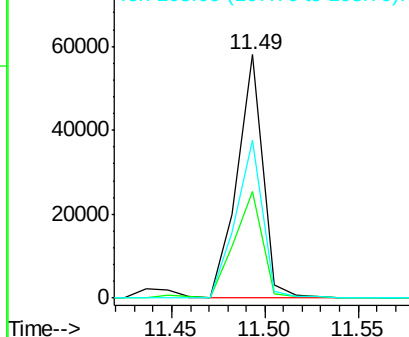


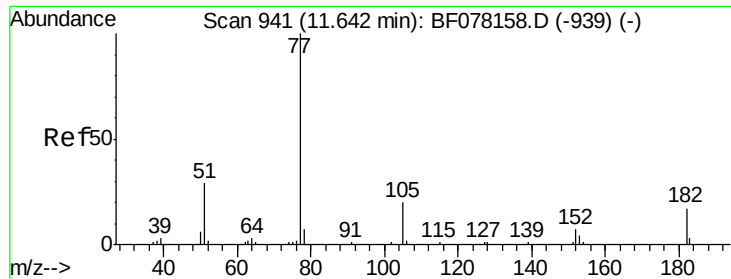
#61
4-Nitroaniline
Concen: 27.66 ng
RT: 11.49 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	44.1	27.3	67.3	
108	64.8	47.2	87.2	



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





#62

Azobenzene

Concen: 31.00 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

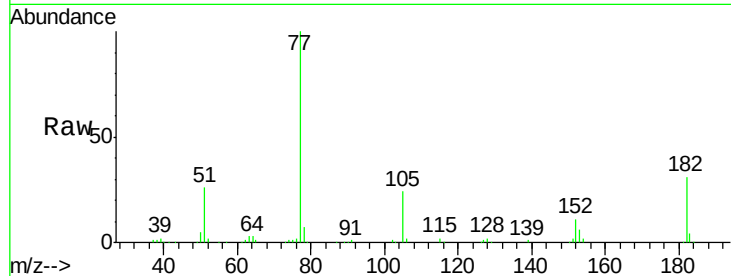
ClientSampleId :

COMP-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.4	0.0	36.8		
105	24.4	0.3	40.3		
51	25.8	9.1	49.1		

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM

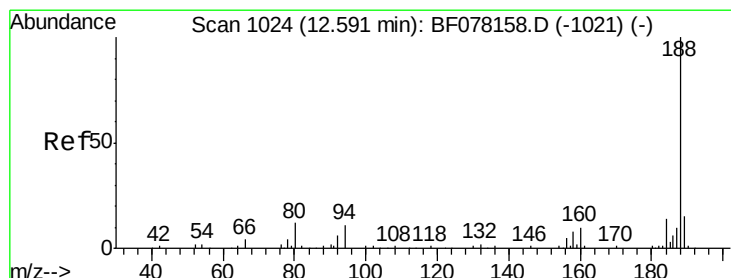
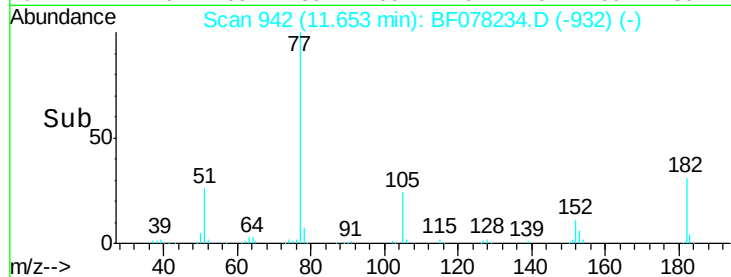
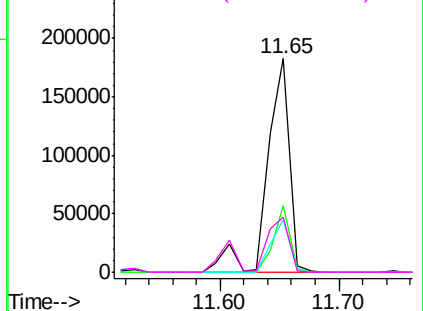


Abundance Ion 77.00 (76.70 to 77.70): BF078158.D (-939) (-)

Ion 182.00 (181.70 to 182.70): BF078158.D (-939) (-)

Ion 105.00 (104.70 to 105.70): BF078158.D (-939) (-)

Ion 51.00 (50.70 to 51.70): BF078158.D (-939) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF078234.D

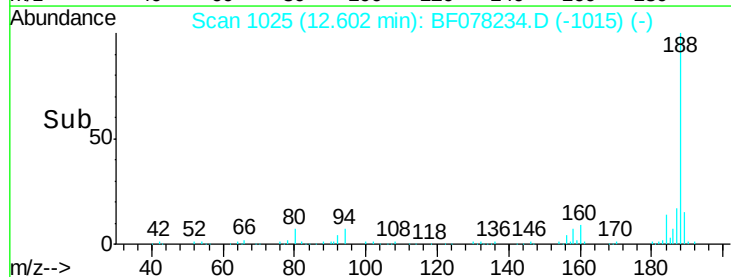
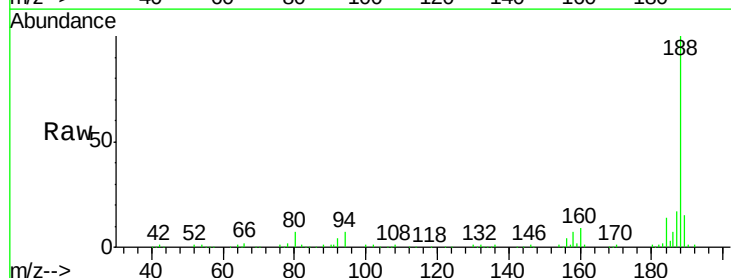
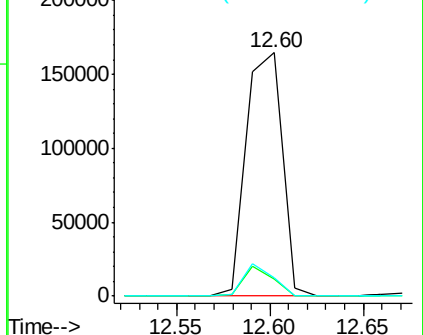
Acq: 3 Apr 2015 9:21

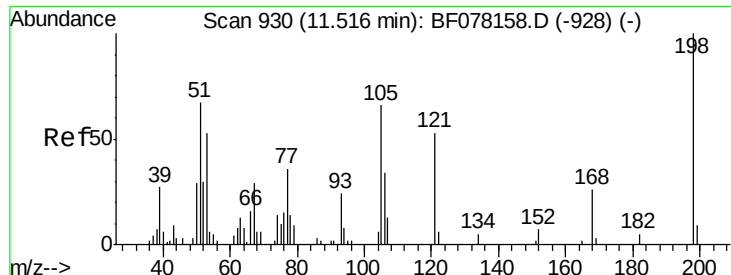
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.1	9.0	13.4#		
80	7.3	9.5	14.3#		

Abundance Ion 188.00 (187.70 to 188.70): BF078158.D (-1021) (-)

Ion 94.00 (93.70 to 94.70): BF078158.D (-1021) (-)

Ion 80.00 (79.70 to 80.70): BF078158.D (-1021) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 14.37 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampled :

COMP-4MS

Tot Ion:198 Resp: 7839

Ion Ratio Lower Upper

198 100

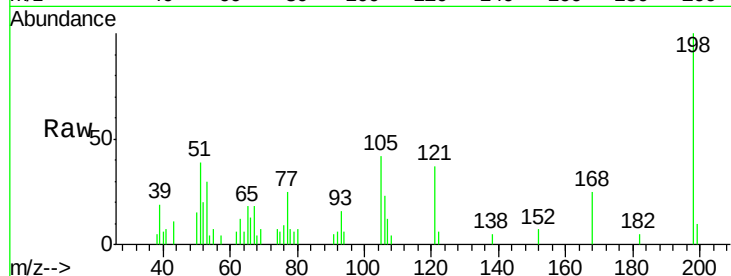
51 39.5 48.6 88.6#

105 41.7 45.8 85.8#

Manual Integrations
APPROVED

apatel

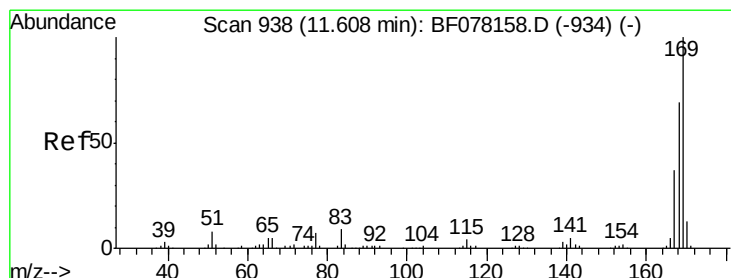
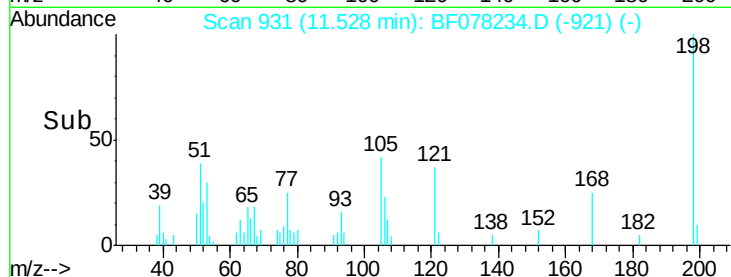
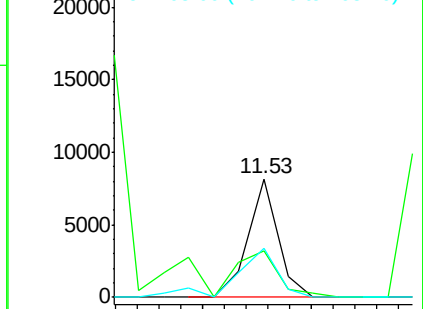
4/6/2015 12:06:16 PM



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: 25.67 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

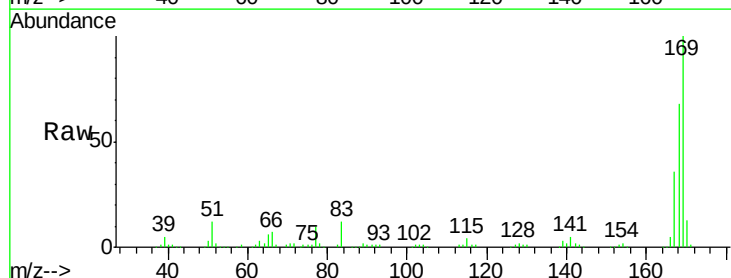
Tgt Ion:169 Resp: 198486

Ion Ratio Lower Upper

169 100

168 68.0 55.0 82.4

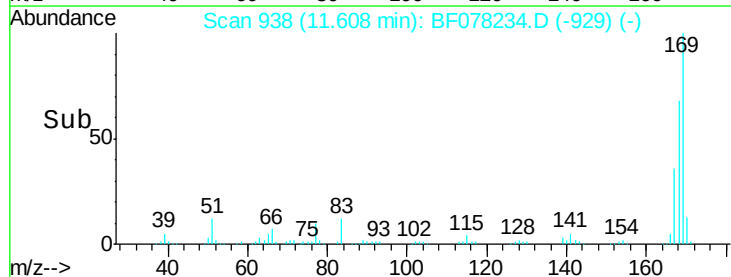
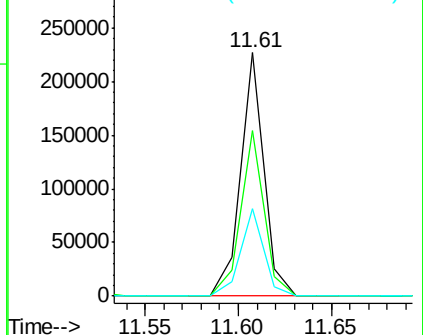
167 36.1 29.3 43.9

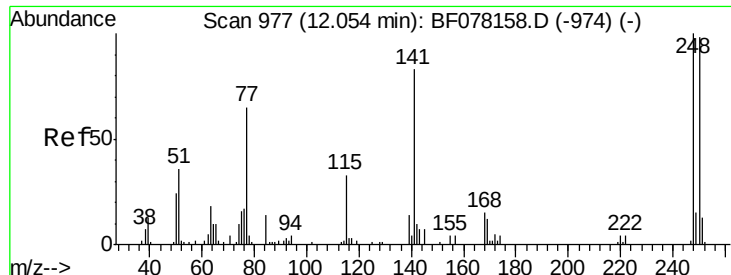


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





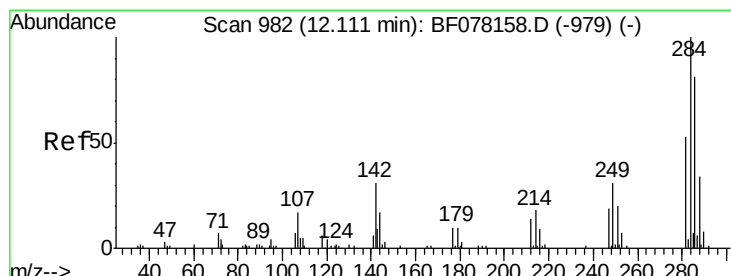
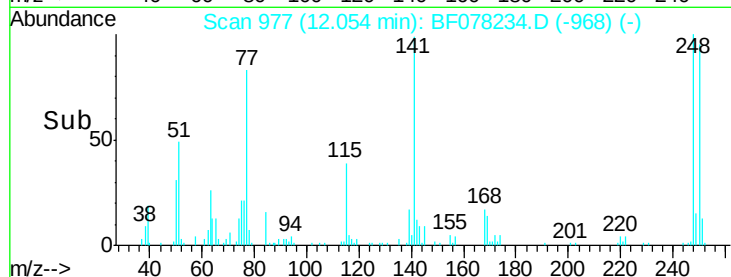
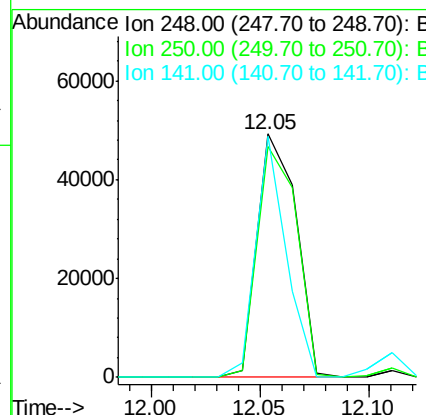
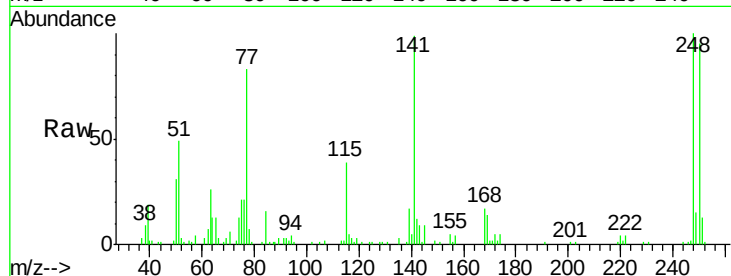
#66
4-Bromophenyl-phenylether
Concen: 26.17 ng
RT: 12.05 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	78.2	117.2
141	99.1	66.4	99.6

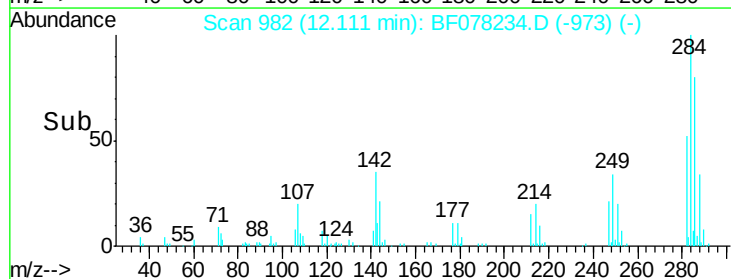
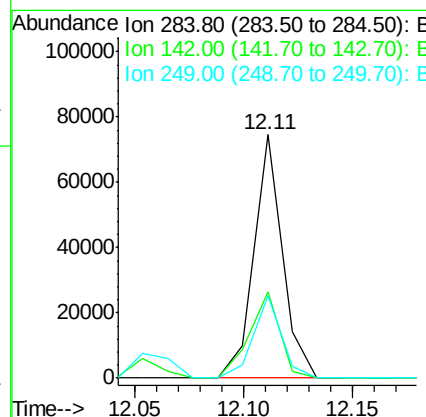
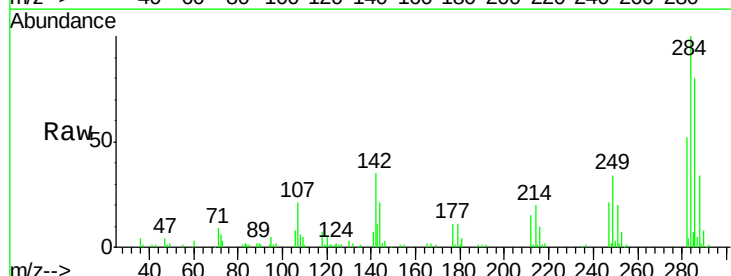
Manual Integrations
APPROVED

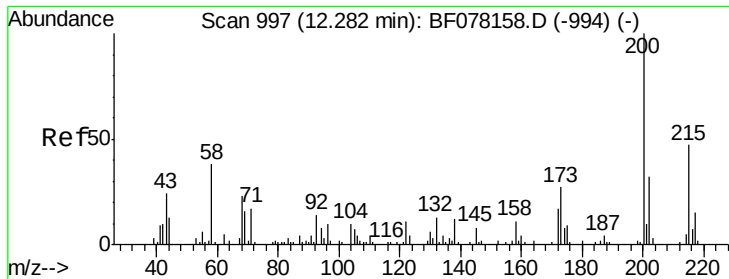
apatel
4/6/2015 12:06:16 PM



#67
Hexachlorobenzene
Concen: 26.11 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	24.5	36.7
249	33.6	24.8	37.2





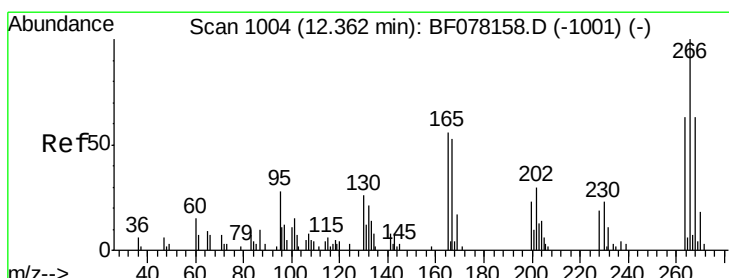
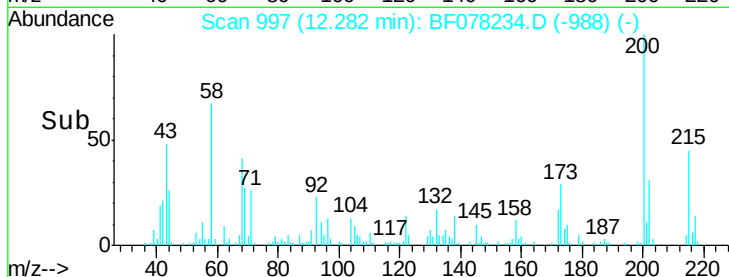
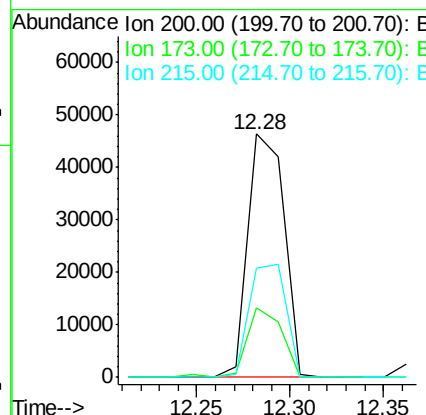
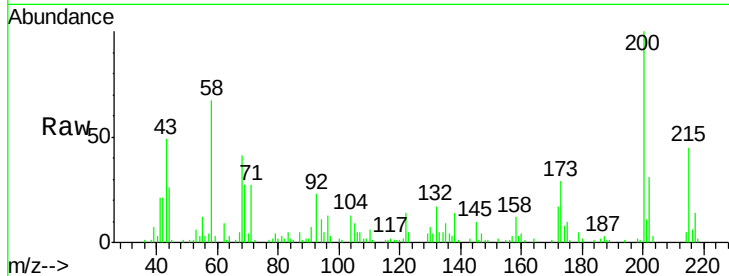
#68
Atrazine
Concen: 27.90 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	62492		
173	28.7	6.9	46.9	
215	44.7	27.1	67.1	

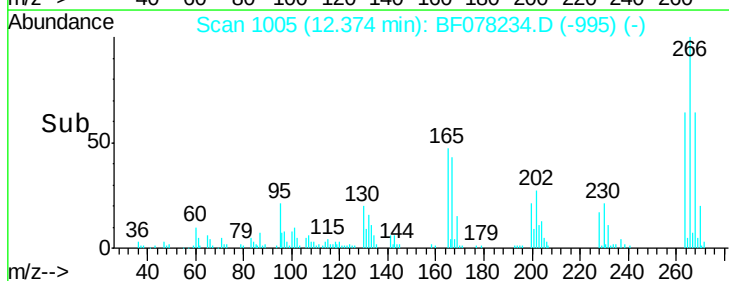
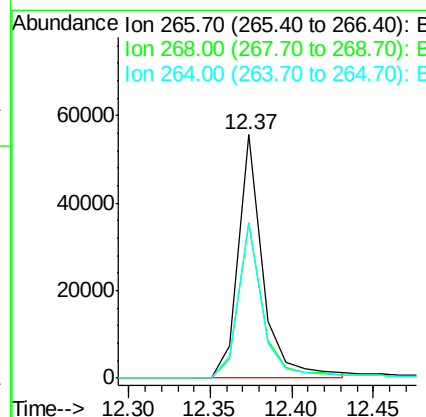
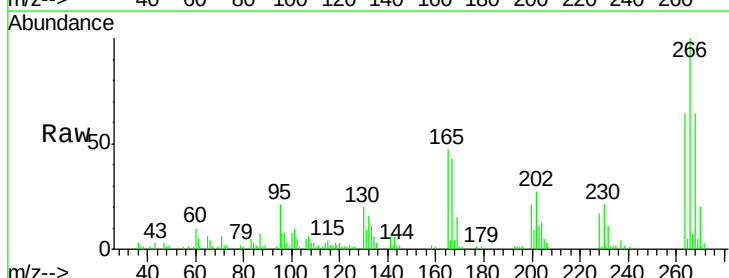
Manual Integrations
APPROVED

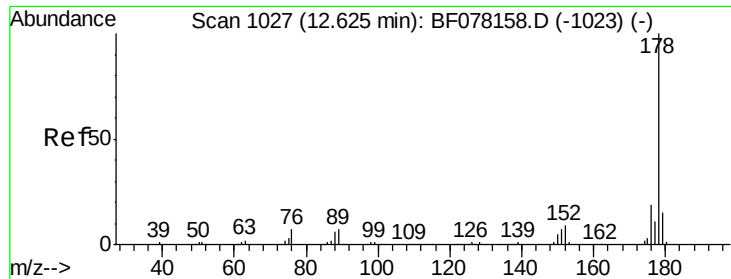
apatel
4/6/2015 12:06:16 PM



#69
Pentachlorophenol
Concen: 53.27 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	57985		
268	64.0	50.1	75.1	
264	63.6	50.0	75.0	





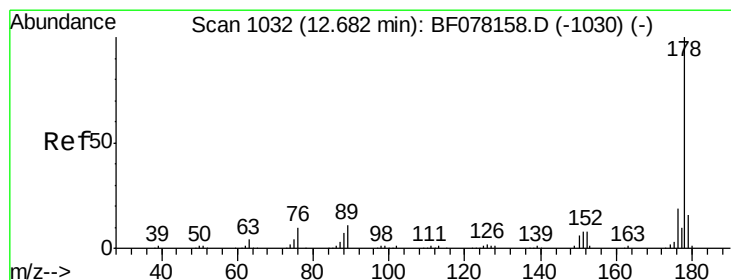
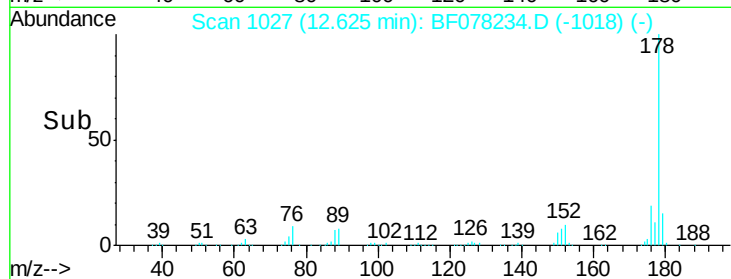
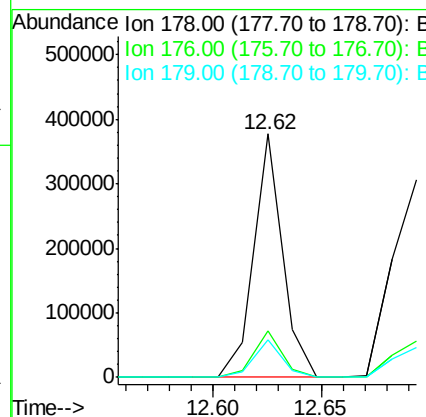
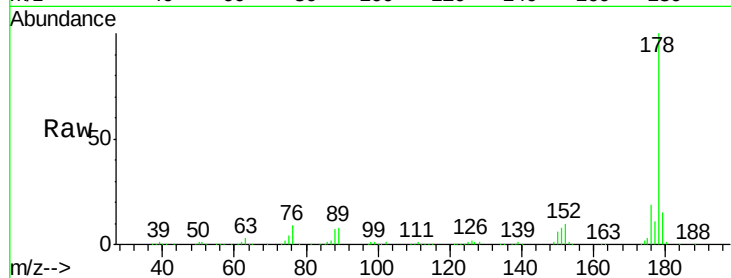
#70
Phenanthrene
Concen: 26.86 ng
RT: 12.62 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		347307		
176	19.2	15.4	23.0		
179	15.2	12.2	18.2		

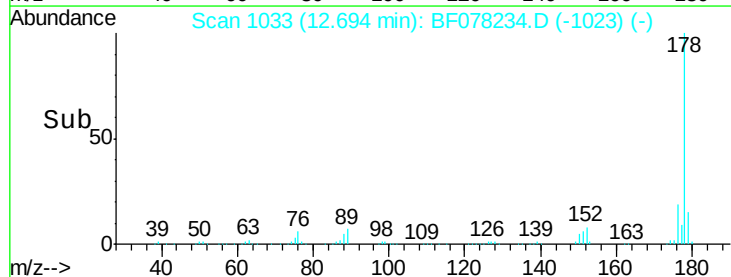
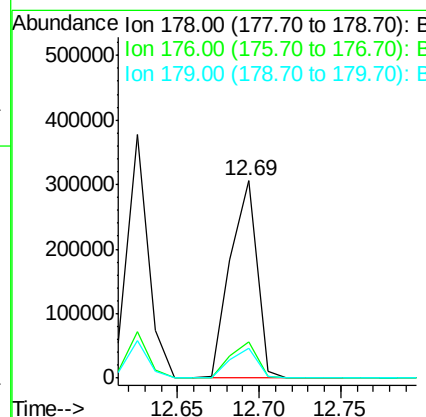
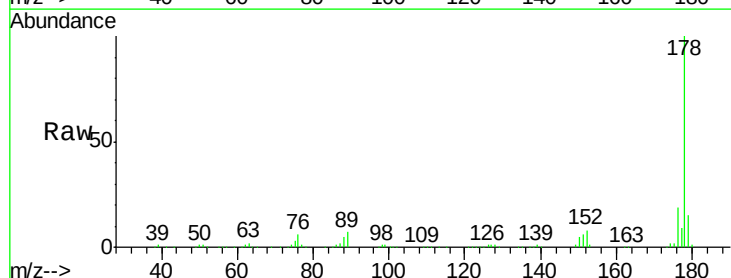
Manual Integrations
APPROVED

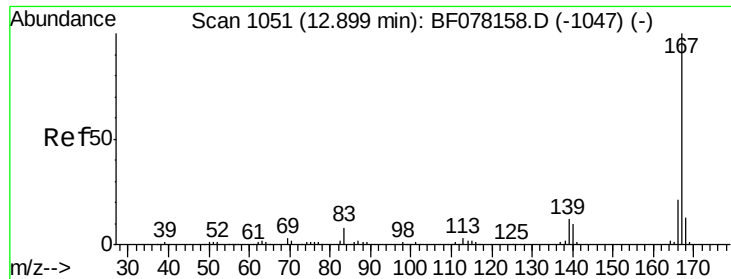
apatel
4/6/2015 12:06:16 PM



#71
Anthracene
Concen: 27.04 ng
RT: 12.69 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		344530		
176	18.5	14.8	22.2		
179	15.0	12.4	18.6		





#72

Carbazole

Concen: 27.74 ng

RT: 12.91 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF078234.D

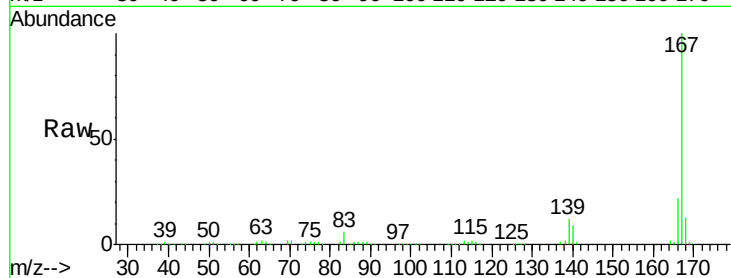
Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

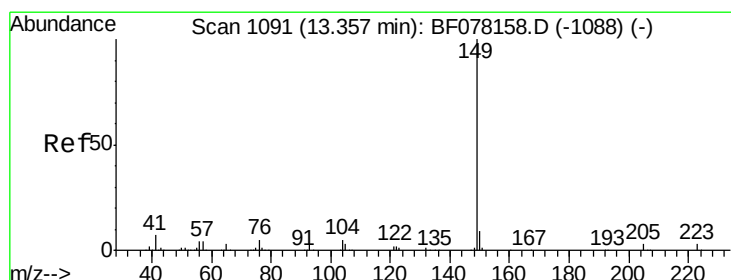
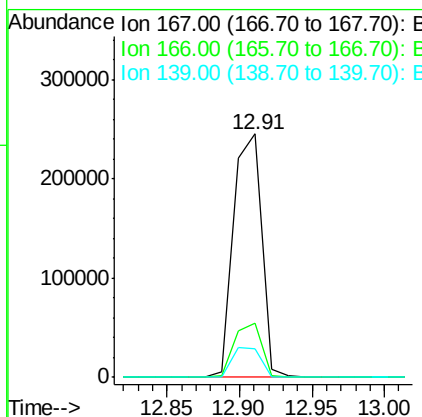
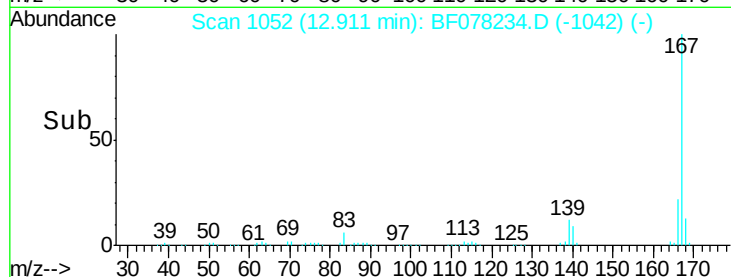
COMP-4MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.0	16.8	25.2		
139	11.6	10.0	15.0		

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



#73

Di-n-butylphthalate

Concen: 28.29 ng

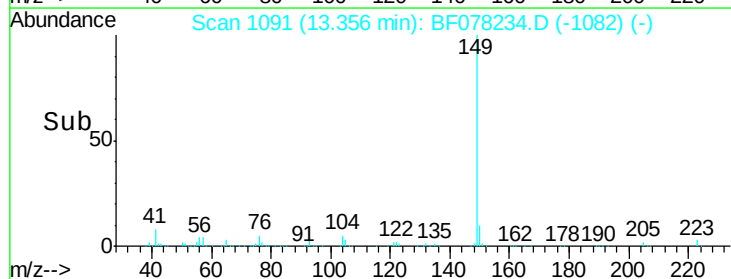
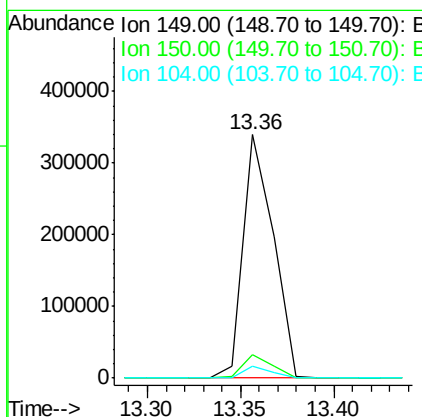
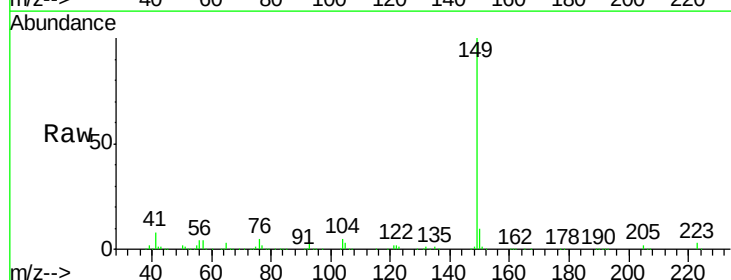
RT: 13.36 min Scan# 1091

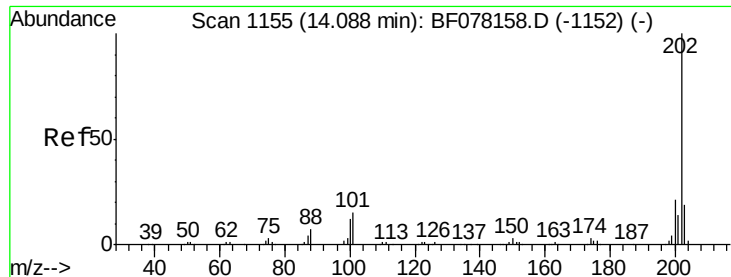
Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.5	7.1	10.7		
104	4.8	3.8	5.6		





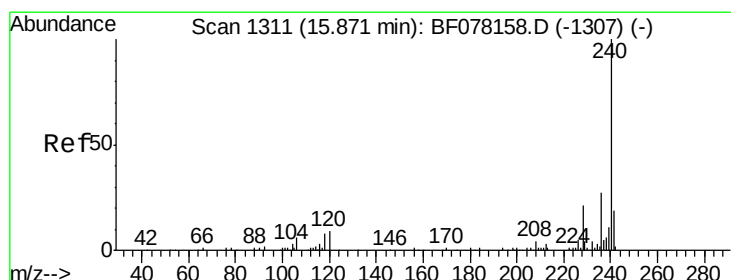
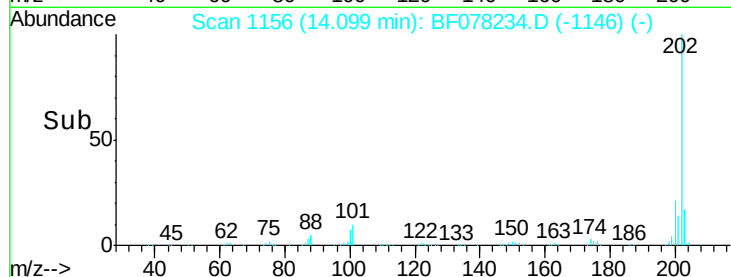
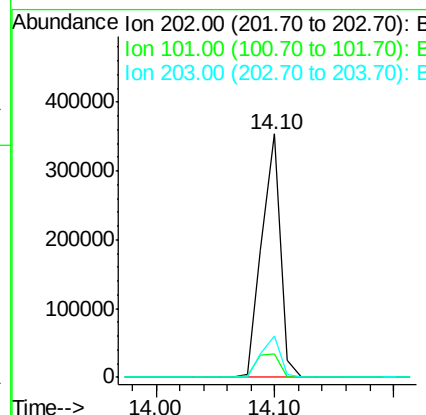
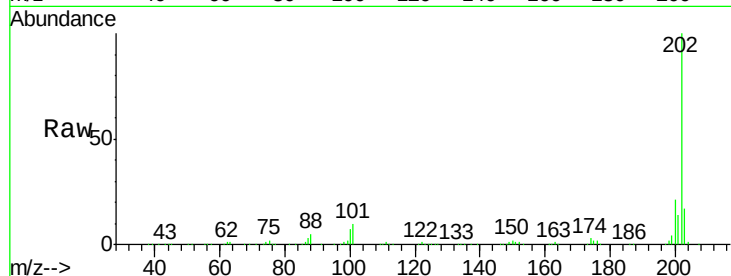
#74
 Fluoranthene
 Concen: 28.74 ng
 RT: 14.10 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	35.2
203	17.2	0.0	38.5

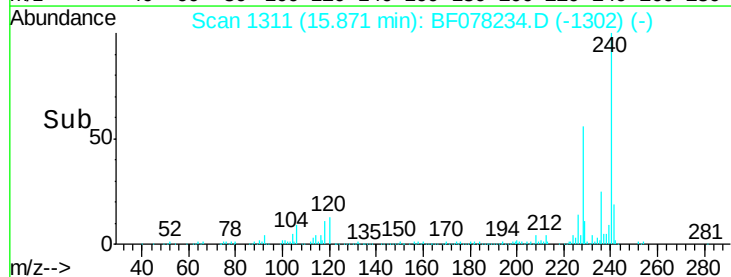
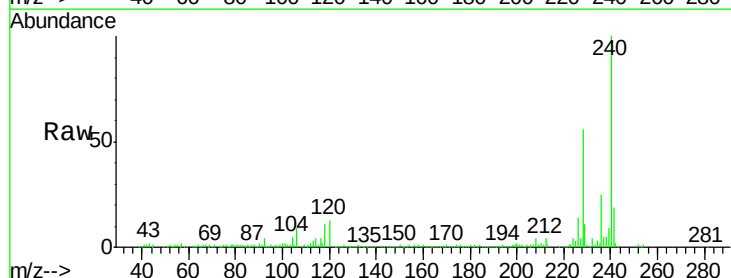
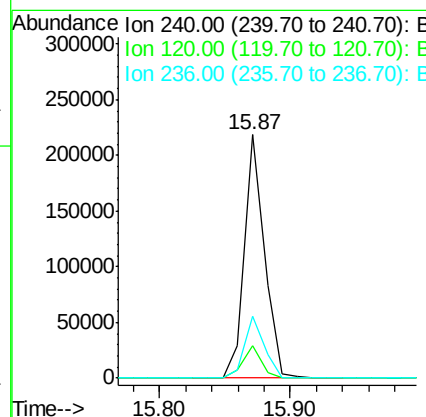
Manual Integrations
 APPROVED

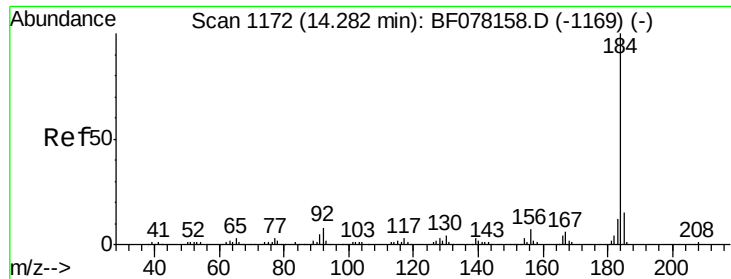
apatel
 4/6/2015 12:06:16 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	7.1	10.7#
236	25.2	21.4	32.2





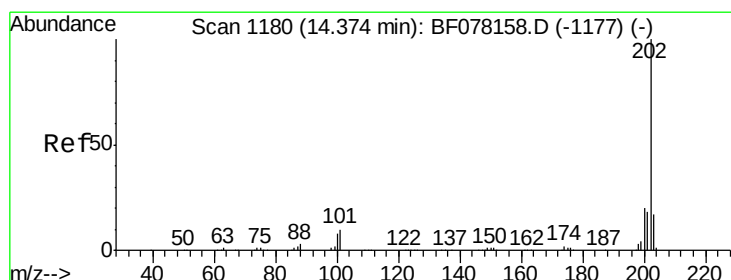
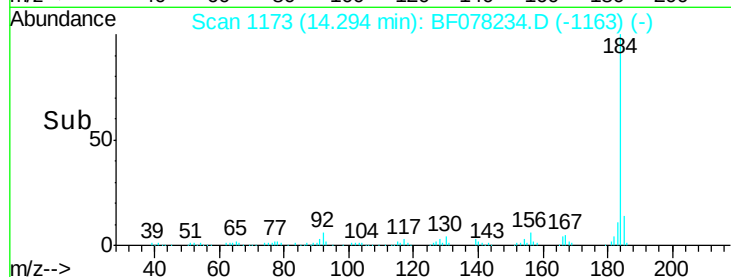
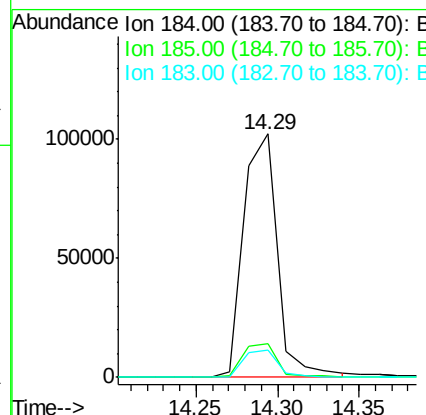
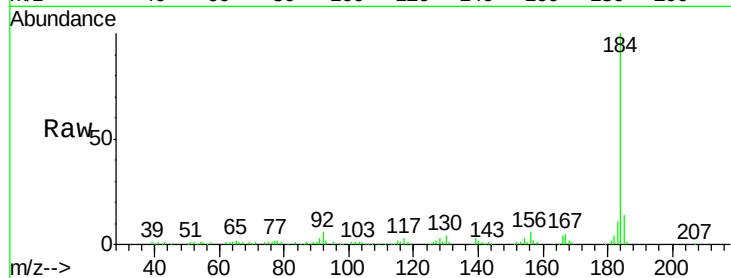
#76
Benzidine
Concen: 16.42 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampled :
COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.8	12.2	18.2	
183	11.2	9.5	14.3	

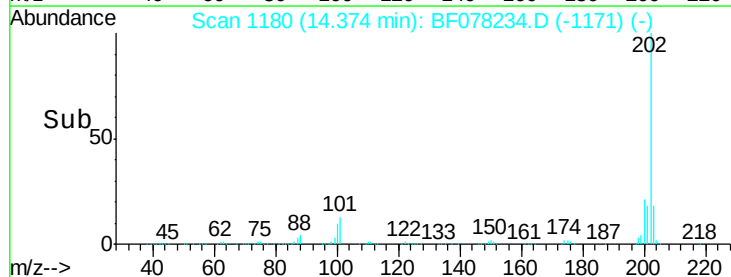
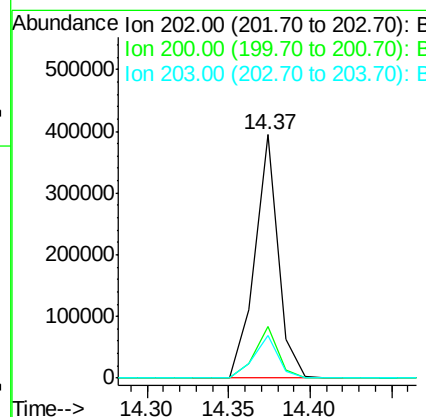
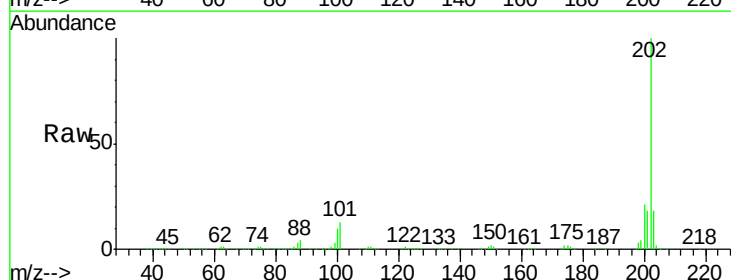
Manual Integrations
APPROVED

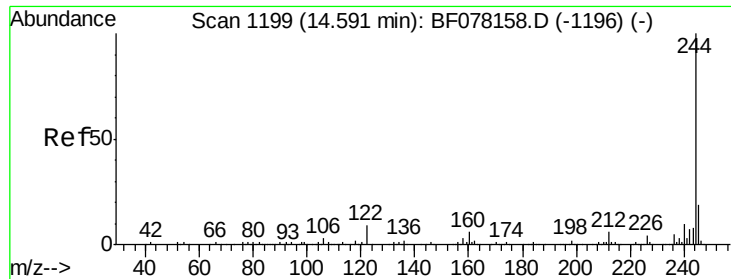
apatel
4/6/2015 12:06:16 PM



#77
Pyrene
Concen: 27.06 ng
RT: 14.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	16.3	24.5	
203	17.5	13.8	20.6	





#78

Terphenyl-d14

Concen: 44.96 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078234.D

Acq: 3 Apr 2015 9:21

Instrument :

BNA_F

ClientSampleId :

COMP-4MS

Tot Ion:244 Resp: 461157
Ion Ratio Lower Upper

244 100

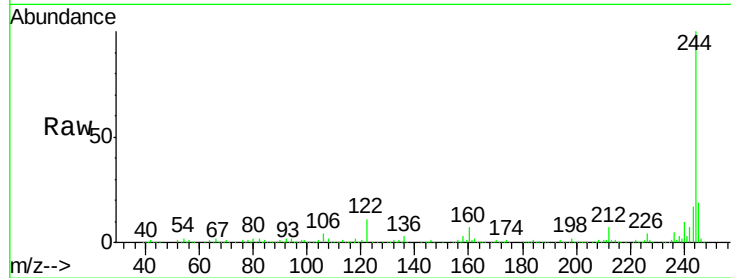
212 6.6 5.0 7.4

122 11.0 7.1 10.7#

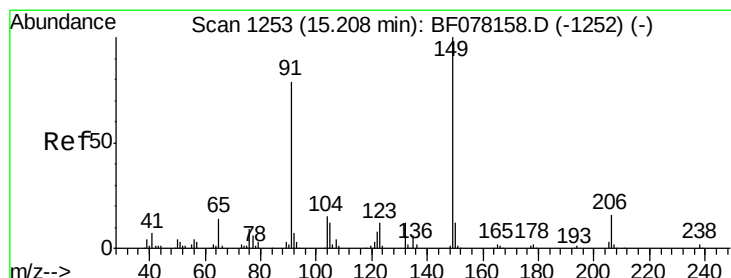
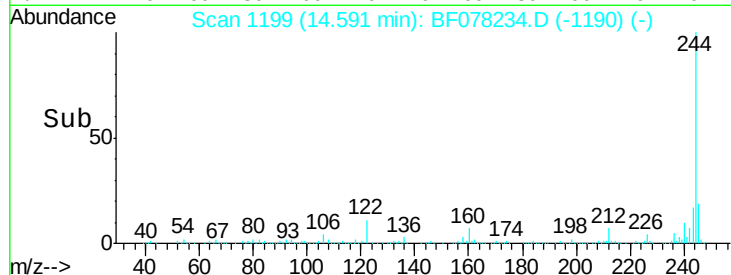
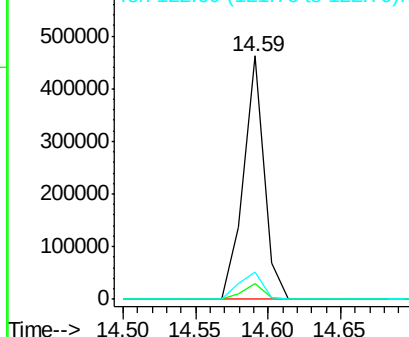
Manual Integrations
APPROVED

apatel

4/6/2015 12:06:16 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.13 ng

RT: 15.22 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF078234.D

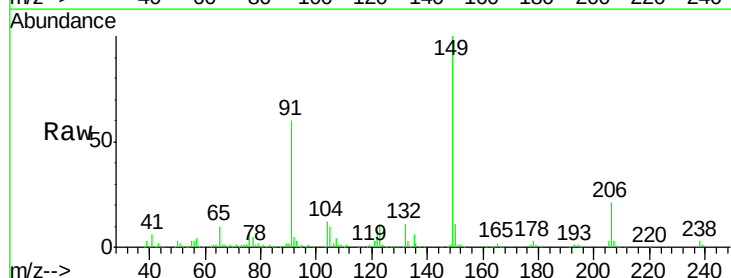
Acq: 3 Apr 2015 9:21

Tgt Ion:149 Resp: 183715
Ion Ratio Lower Upper

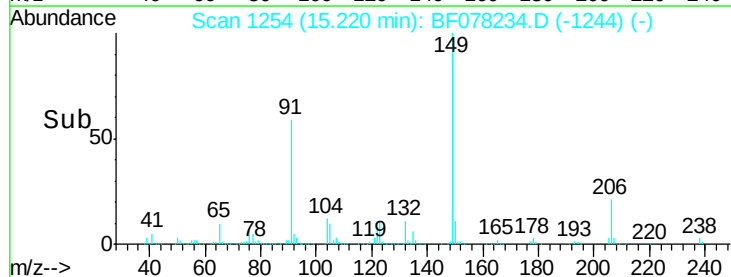
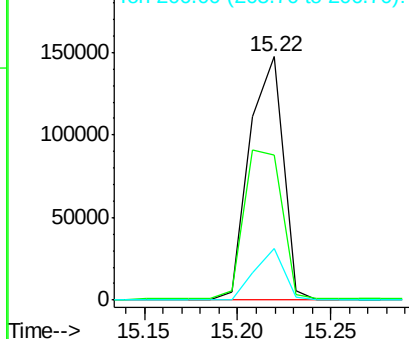
149 100

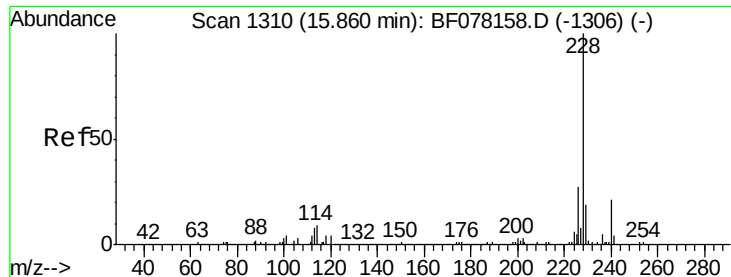
91 59.7 64.2 96.2#

206 21.0 12.6 18.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





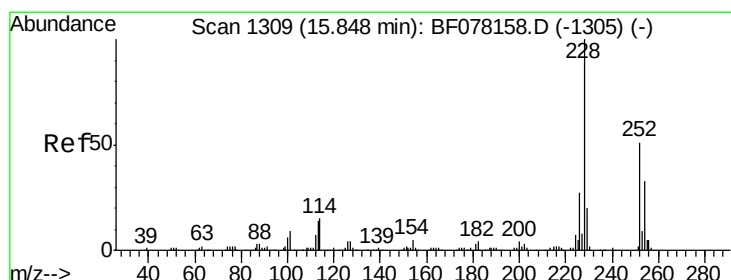
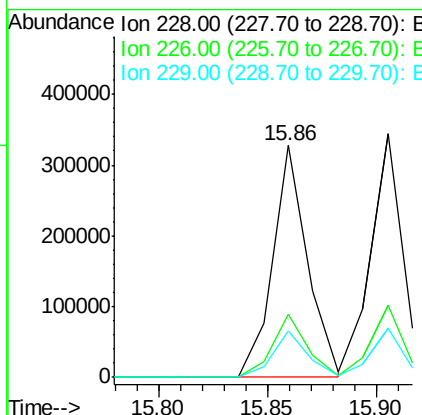
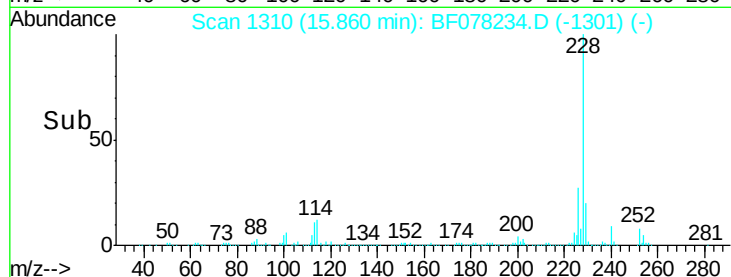
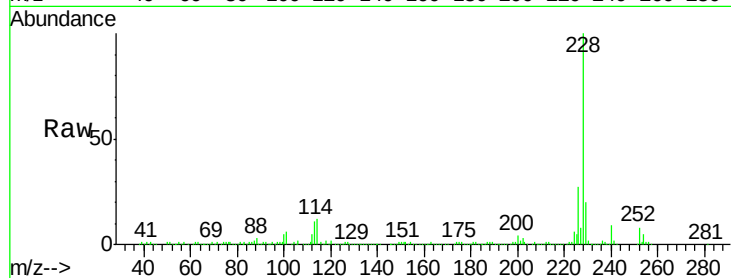
#80
Benzo(a)anthracene
Concen: 26.61 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	366930		
226	27.1		21.3	31.9
229	19.9		15.4	23.2

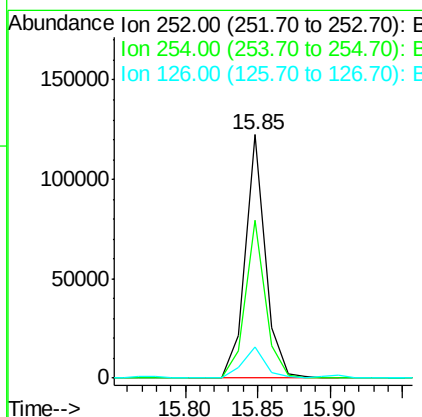
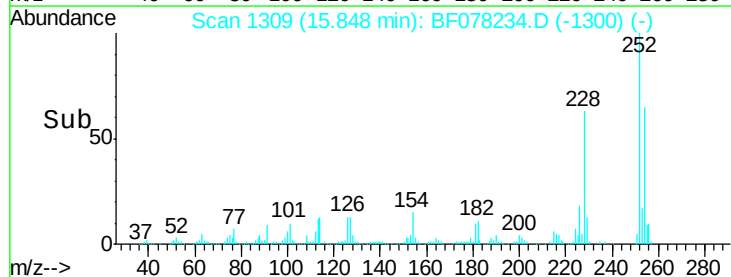
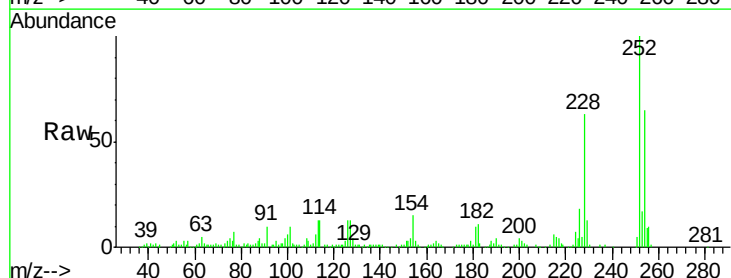
Manual Integrations
APPROVED

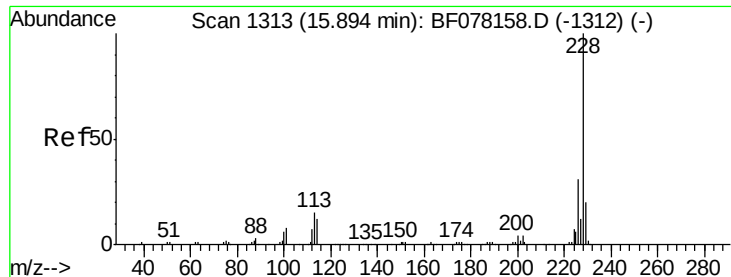
apatel
4/6/2015 12:06:16 PM



#81
3,3'-Dichlorobenzidine
Concen: 25.77 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119023		
254	64.8		51.2	76.8
126	12.8		6.3	9.5#





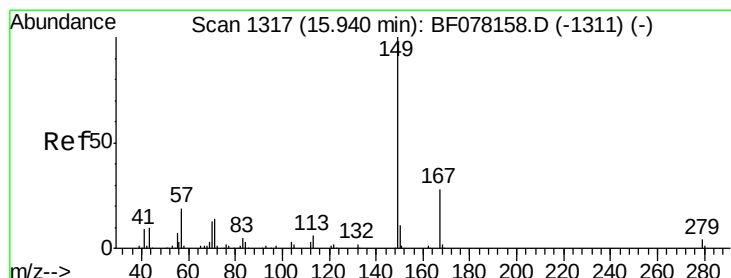
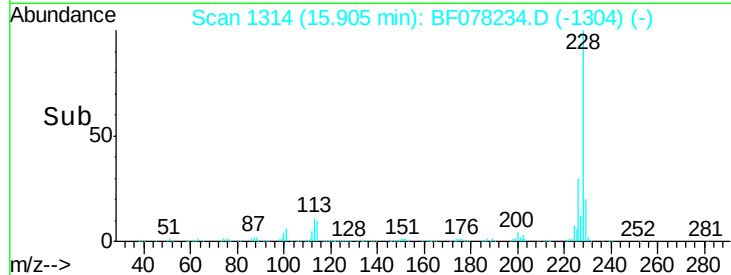
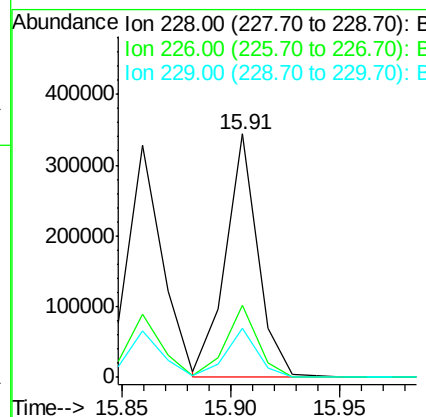
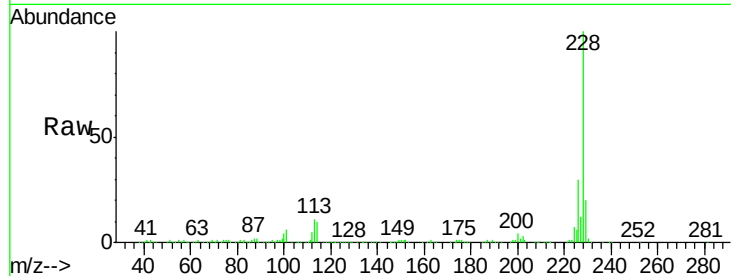
#82
 Chrysene
 Concen: 27.01 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4MS

Tot Ion:	228	Resp:	349965
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.2	36.4
229	19.9	15.8	23.8

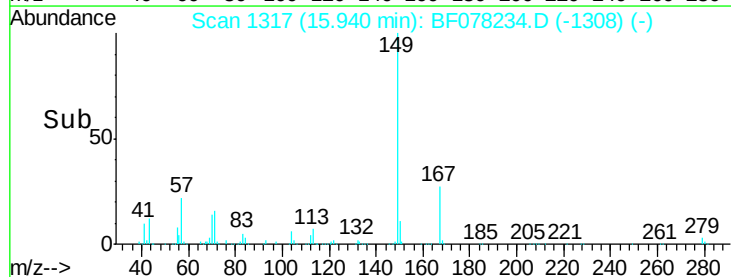
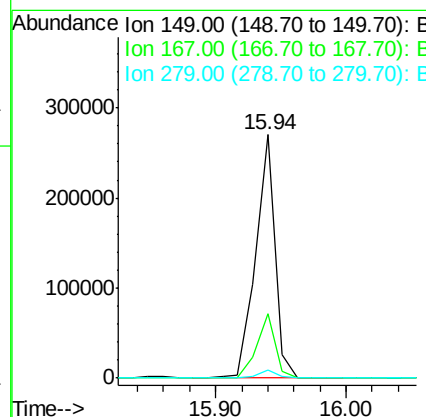
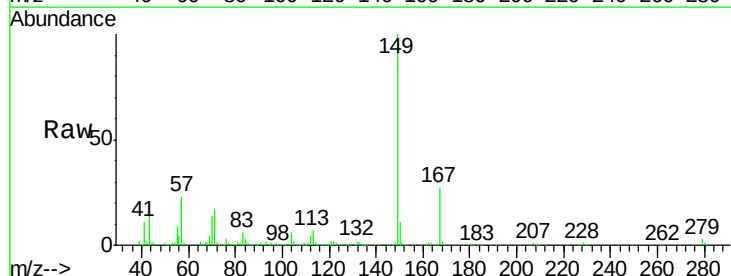
Manual Integrations
 APPROVED

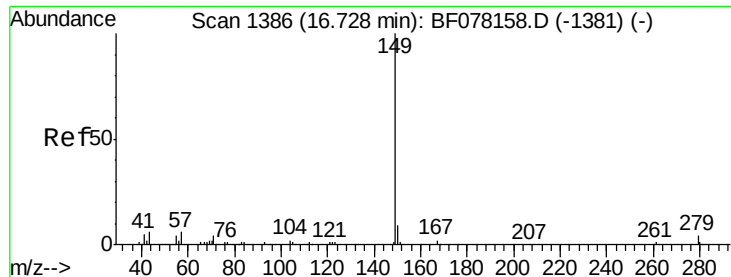
apatel
 4/6/2015 12:06:16 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.76 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF078234.D
 Acq: 3 Apr 2015 9:21

Tgt Ion:	149	Resp:	276261
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.2	33.2
279	3.3	3.2	4.8





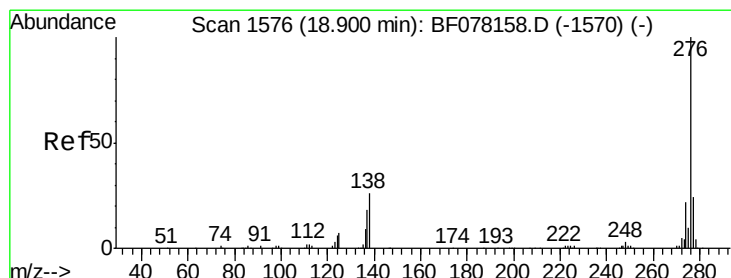
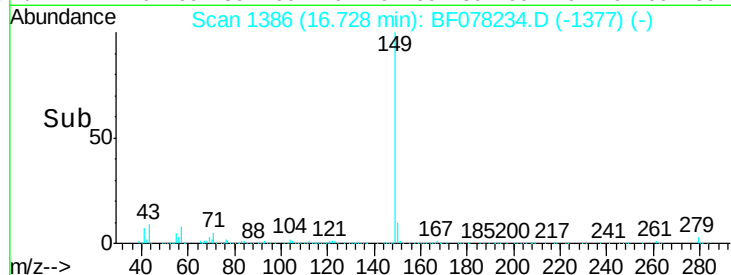
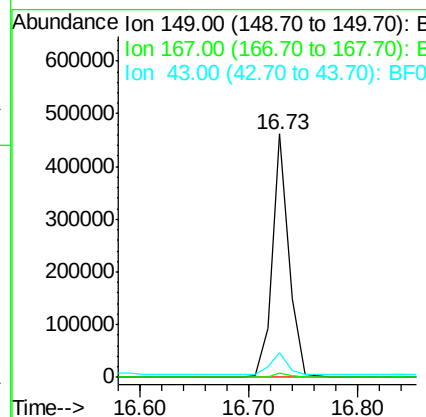
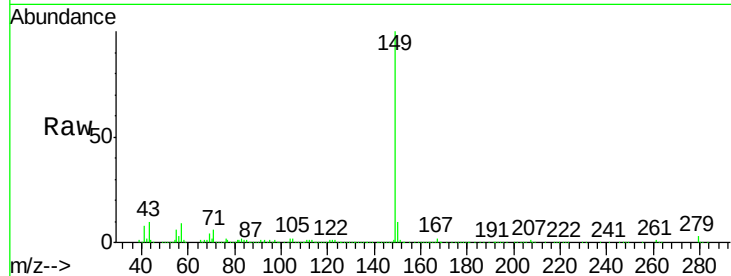
#84
Di-n-octyl phthalate
Concen: 34.17 ng
RT: 16.73 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.6	0.0	0.0#

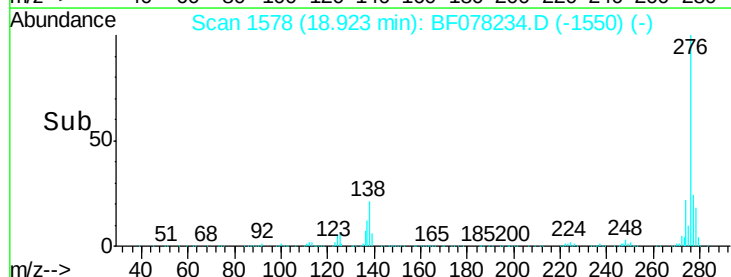
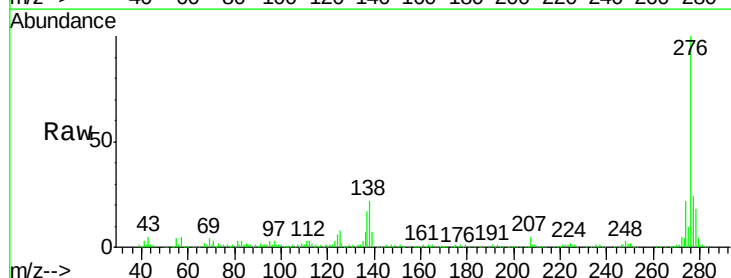
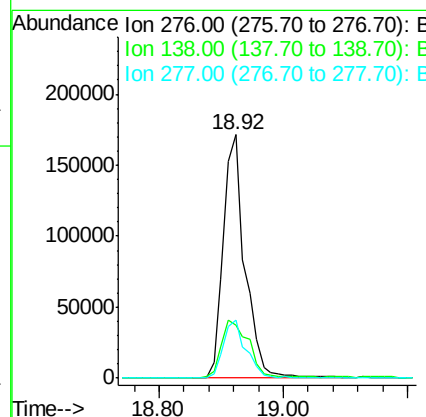
Manual Integrations
APPROVED

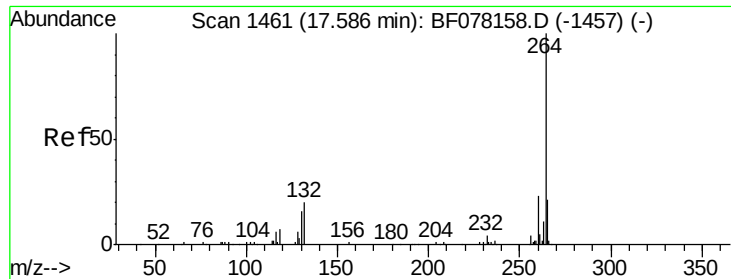
apatel
4/6/2015 12:06:16 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 28.03 ng
RT: 18.92 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.3	16.9	25.3#
277	25.4	15.8	23.6#





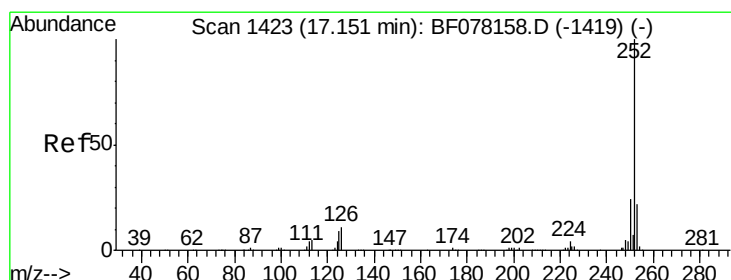
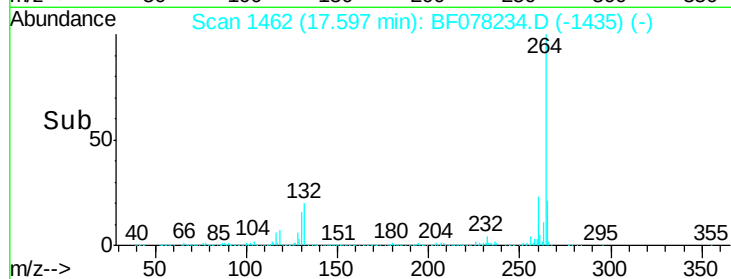
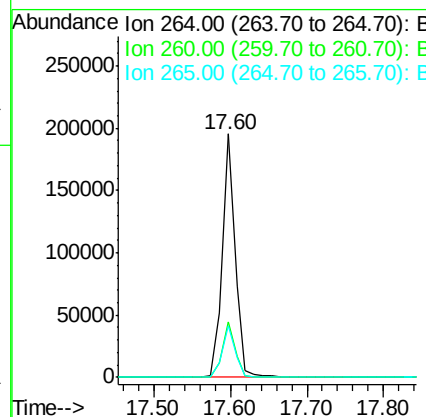
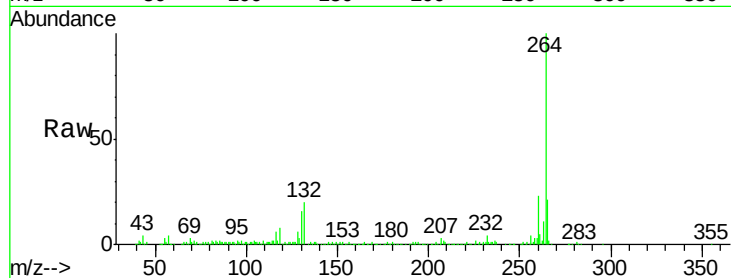
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.4	17.0	25.6

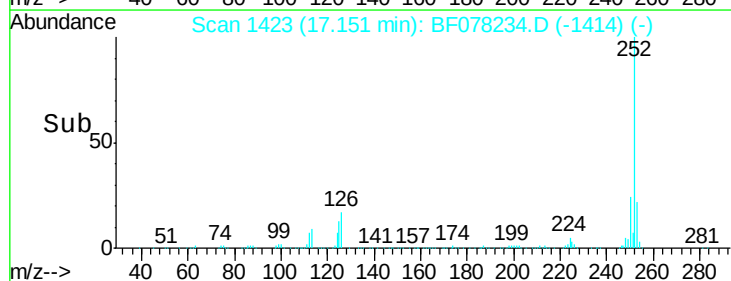
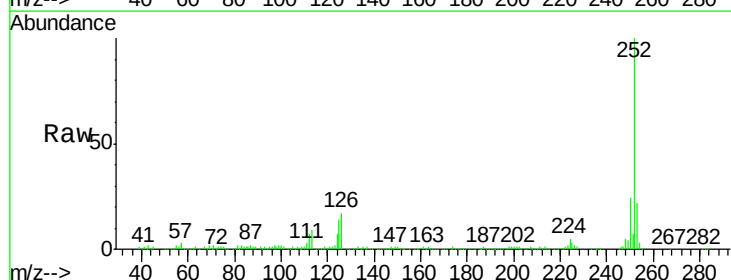
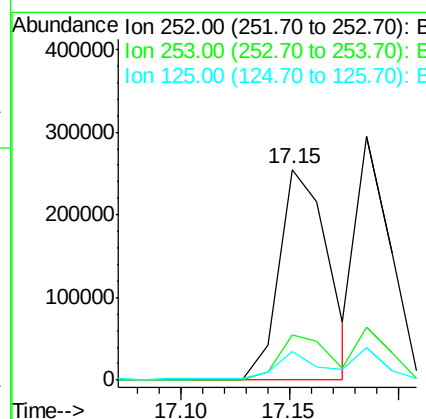
Manual Integrations
APPROVED

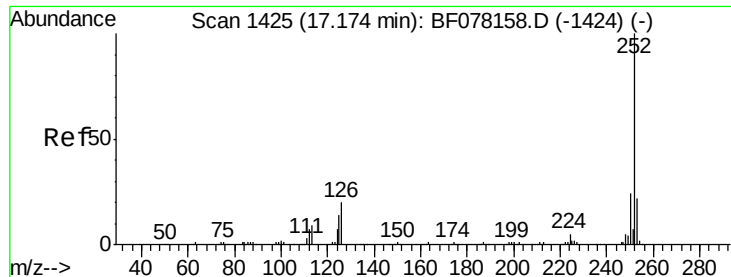
apatel
4/6/2015 12:06:16 PM



#87
Benzo(b)fluoranthene
Concen: 27.99 ng
RT: 17.15 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	13.8	7.0	10.4





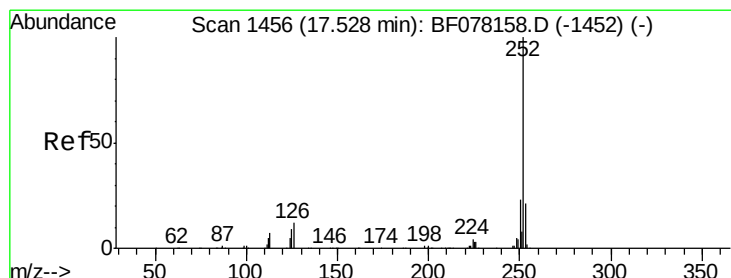
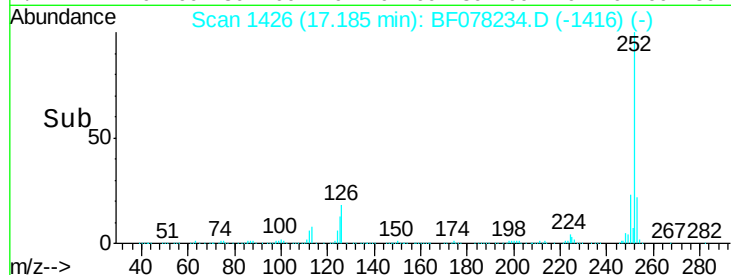
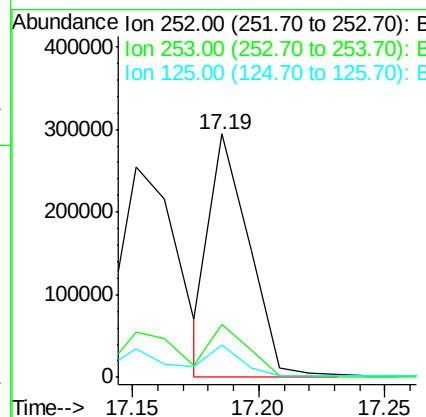
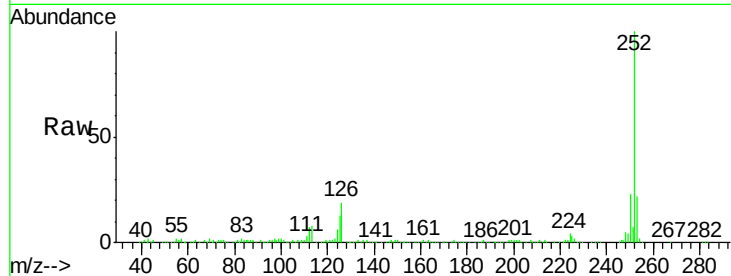
#88
Benzo(k)fluoranthene
Concen: 25.25 ng m
RT: 17.19 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion:	252	Resp:	320795
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	13.1	11.6	17.4

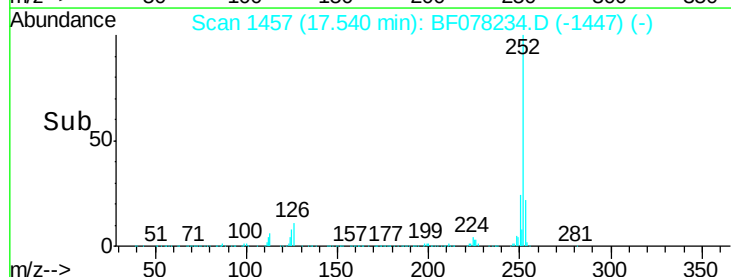
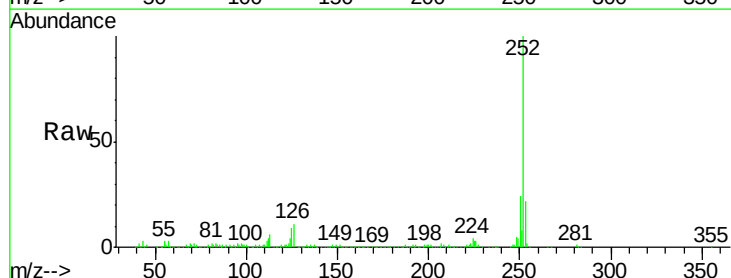
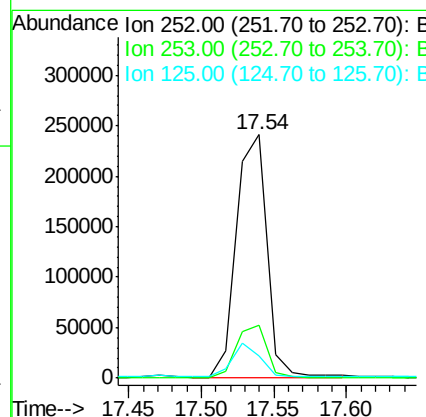
Manual Integrations
APPROVED

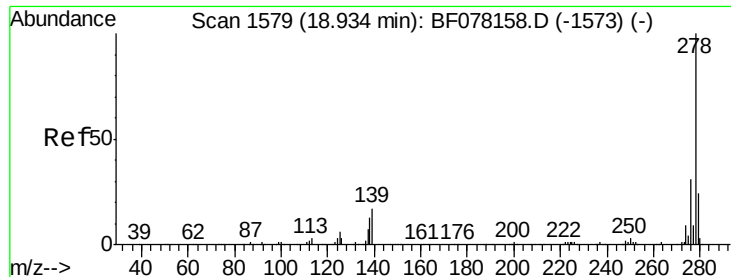
apatel
4/6/2015 12:06:16 PM



#89
Benzo(a)pyrene
Concen: 28.34 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion:	252	Resp:	353568
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.8	25.2
125	9.1	7.4	11.0





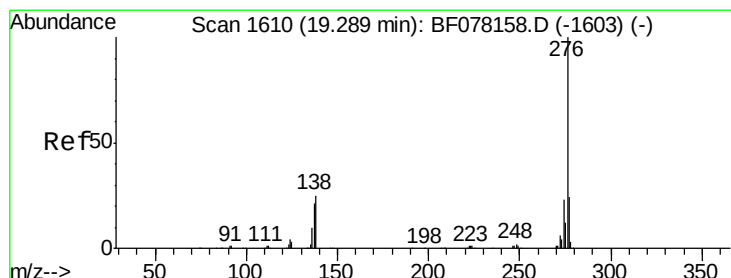
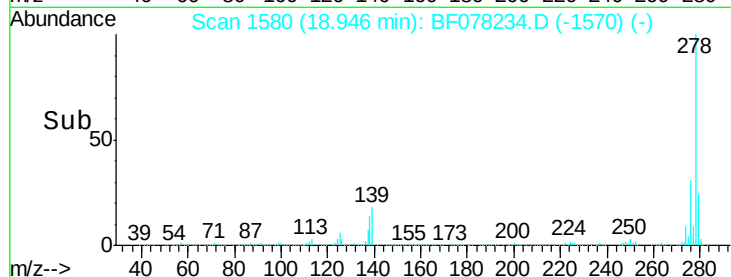
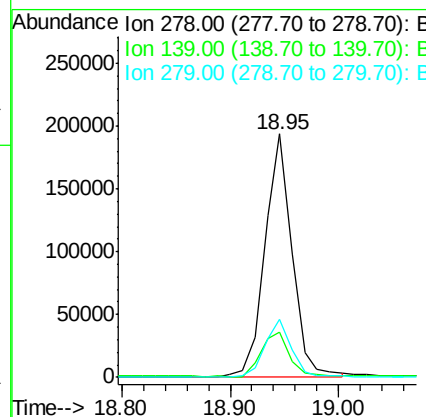
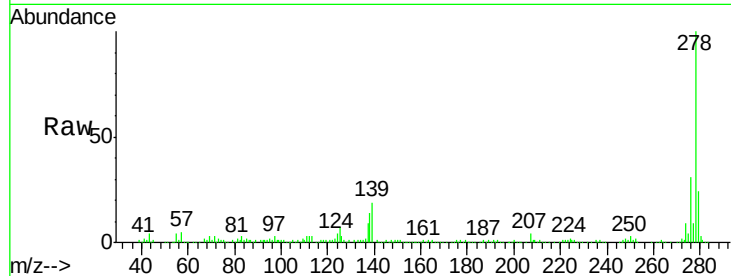
#90
Dibenzo(a,h)anthracene
Concen: 27.13 ng
RT: 18.95 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Instrument :
BNA_F
ClientSampleId :
COMP-4MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	13.6	20.4
279	24.1	19.0	28.6

Manual Integrations
APPROVED

apatel
4/6/2015 12:06:16 PM



#91
Benzo(g,h,i)perylene
Concen: 27.28 ng
RT: 19.30 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF078234.D
Acq: 3 Apr 2015 9:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	24.2	19.9	29.9

