

Data Path : Z:\HPCHEM1\BNA_F\Data\BF021115\
 Data File : BF077277.D
 Acq On : 12 Feb 2015 8:26
 Operator : TP/IZ
 Sample : G1254-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:15:34 PM

Quant Time: Feb 12 12:03:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	43193	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	187780	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	104327	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	168200	20.00	ng	-0.03
75) Chrysene-d12	20.98	240	151730	20.00	ng	-0.03
86) Perylene-d12	22.65	264	136156	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	223924	85.24	ng	-0.05
7) Phenol-d6	6.97	99	276332	83.38	ng	-0.05
23) Nitrobenzene-d5	8.85	82	177528	52.38	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	64524	76.19	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	377647	55.09	ng	-0.05
78) Terphenyl-d14	19.72	244	357468	54.24	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	1.05	88	19106	16.99 ng	99
3) Pyridine	1.47	79	55872	19.20 ng	98
4) n-Nitrosodimethylamine	1.44	42	31076	21.55 ng	95
6) Aniline	6.83	93	52287	11.40 ng	98
8) 2-Chlorophenol	7.07	128	79985	26.41 ng	96
10) Phenol	7.00	94	84018	23.87 ng	95
11) bis(2-Chloroethyl)ether	7.09	93	71636	26.02 ng	# 76
12) 1,3-Dichlorobenzene	7.38	146	84927	24.65 ng	99
13) 1,4-Dichlorobenzene	7.57	146	84017	22.99 ng	99
14) 1,2-Dichlorobenzene	7.89	146	83107	24.69 ng	98
15) Benzyl Alcohol	8.00	79	69541	25.93 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	98300	26.56 ng	74
17) 2-Methylphenol	8.36	107	57941	23.41 ng	97
18) Hexachloroethane	8.64	117	33606	26.44 ng	97
19) n-Nitroso-di-n-propylamine	8.64	70	59733	25.75 ng	98
20) 3+4-Methylphenols	8.75	107	82644m	25.22 ng	
22) Acetophenone	8.54	105	120832	26.27 ng	97
24) Nitrobenzene	8.90	77	83858	24.29 ng	98
25) Isophorone	9.50	82	157631	25.54 ng	97
26) 2-Nitrophenol	9.64	139	39943	23.52 ng	# 88
27) 2,4-Dimethylphenol	9.94	122	71828	26.90 ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	99115	28.25 ng	97
29) 2,4-Dichlorophenol	10.26	162	61812	24.84 ng	94
30) 1,2,4-Trichlorobenzene	10.37	180	70693	25.58 ng	96
31) Naphthalene	10.50	128	232691	24.07 ng	99
32) Benzoic acid	10.36	122	9532	6.44 ng	85
33) 4-Chloroaniline	10.77	127	43583	11.16 ng	96
34) Hexachlorobutadiene	10.87	225	40961	24.98 ng	94
35) Caprolactam	11.63	113	18320m	25.01 ng	
36) 4-Chloro-3-methylphenol	12.09	107	66328	23.28 ng	98
37) 2-Methylnaphthalene	12.16	142	170510	25.83 ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	65282	25.31 ng	99
40) Hexachlorocyclopentadiene	12.55	237	54875	41.84 ng	97
42) 2,4,6-Trichlorophenol	12.92	196	44796	23.84 ng	93

Data Path : Z:\HPCHEM1\BNA_F\Data\BF021115\
 Data File : BF077277.D
 Acq On : 12 Feb 2015 8:26
 Operator : TP/IZ
 Sample : G1254-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

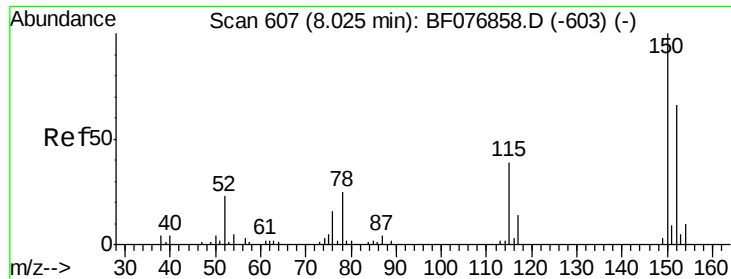
Manual Integrations
 APPROVED

apatel
 2/12/2015 4:15:34 PM

Quant Time: Feb 12 12:03:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	49065m	25.60	ng	
45) 1,1'-Biphenyl	13.31	154	201765	26.09	ng	99
46) 2-Chloronaphthalene	13.28	162	159823	25.11	ng	98
47) 2-Nitroaniline	13.64	65	49918	25.85	ng	92
48) Acenaphthylene	14.23	152	253612	23.62	ng	99
49) Dimethylphthalate	14.20	163	199147	26.92	ng	99
50) 2,6-Dinitrotoluene	14.29	165	39136	26.48	ng	96
51) Acenaphthene	14.65	154	143703	23.59	ng	95
52) 3-Nitroaniline	14.64	138	27615	15.58	ng	87
53) 2,4-Dinitrophenol	14.93	184	19377	35.58	ng	87
54) Dibenzofuran	15.07	168	220358	24.84	ng	98
55) 4-Nitrophenol	15.28	139	36044	31.08	ng	94
56) 2,4-Dinitrotoluene	15.23	165	54565	25.65	ng	95
57) Fluorene	15.85	166	187720	24.97	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	30022	21.51	ng	96
59) Diethylphthalate	15.87	149	206104	27.56	ng	100
60) 4-Chlorophenyl-phenylether	15.95	204	79973	26.00	ng	96
61) 4-Nitroaniline	16.02	138	32746	18.48	ng	88
62) Azobenzene	16.25	77	207730	26.66	ng	96
64) 4,6-Dinitro-2-methylphenol	16.10	198	19505	20.11	ng	# 68
65) n-Nitrosodiphenylamine	16.21	169	155494	25.93	ng	97
66) 4-Bromophenyl-phenylether	16.83	248	47248	27.73	ng	96
67) Hexachlorobenzene	16.84	284	45732	25.47	ng	# 87
68) Atrazine	17.23	200	50300	27.64	ng	97
69) Pentachlorophenol	17.23	266	26828	36.67	ng	91
70) Phenanthrene	17.51	178	261388	24.92	ng	99
71) Anthracene	17.59	178	262598	25.67	ng	99
72) Carbazole	17.88	167	242575	24.45	ng	100
73) Di-n-butylphthalate	18.49	149	335496	29.22	ng	99
74) Fluoranthene	19.16	202	253263	23.56	ng	99
76) Benzidine	19.41	184	100766	20.75	ng	100
77) Pyrene	19.45	202	264195	25.41	ng	99
79) Butylbenzylphthalate	20.40	149	139772	29.68	ng	98
80) Benzo(a)anthracene	20.97	228	236222	24.81	ng	100
81) 3,3'-Dichlorobenzidine	20.99	252	63991	21.15	ng	96
82) Chrysene	21.01	228	222019	25.57	ng	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	208321	31.97	ng	98
84) Di-n-octyl phthalate	21.91	149	372675	32.95	ng	98
85) Indeno(1,2,3-cd)pyrene	23.79	276	232137m	25.23	ng	
87) Benzo(b)fluoranthene	22.24	252	234018	25.52	ng	# 94
88) Benzo(k)fluoranthene	22.26	252	200907m	25.08	ng	
89) Benzo(a)pyrene	22.59	252	212094	26.22	ng	98
90) Dibenzo(a,h)anthracene	23.81	278	198672m	26.77	ng	
91) Benzo(g,h,i)perylene	24.05	276	194638m	26.38	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.06 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

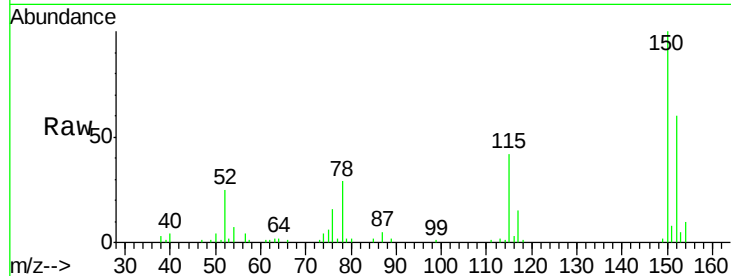
ClientSampleId :

UB9BMSD

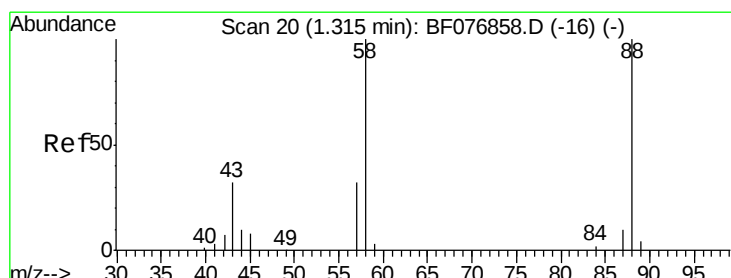
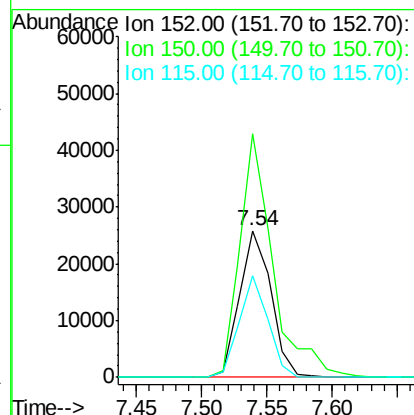
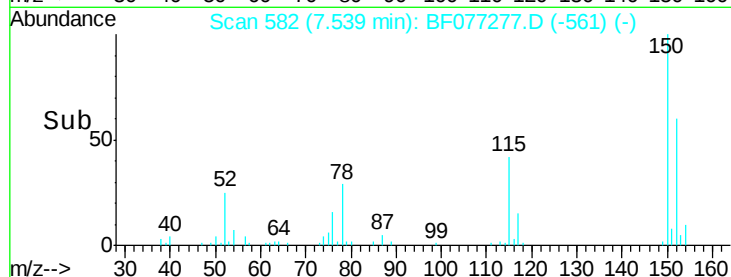
Tgt Ion:	152	Resp:	43193
Ion Ratio	Lower	Upper	
152	100		
150	165.7	121.7	182.5
115	68.9	47.0	70.6

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



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



#2

1,4-Dioxane

Concen: 16.99 ng

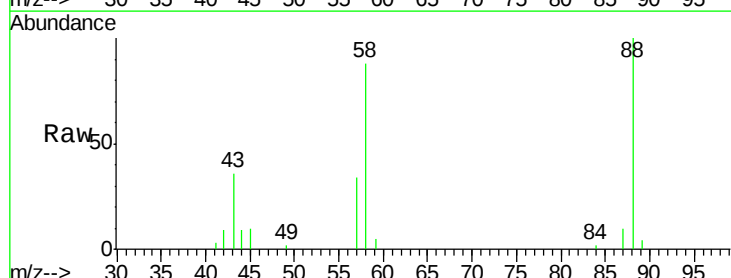
RT: 1.05 min Scan# 14

Delta R.T. 0.00 min

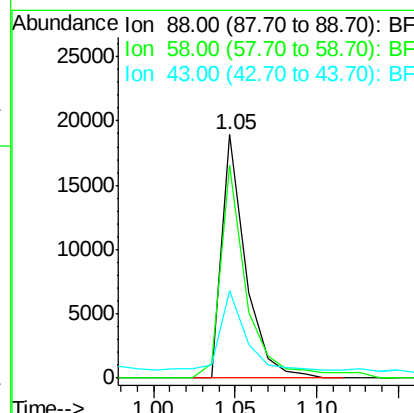
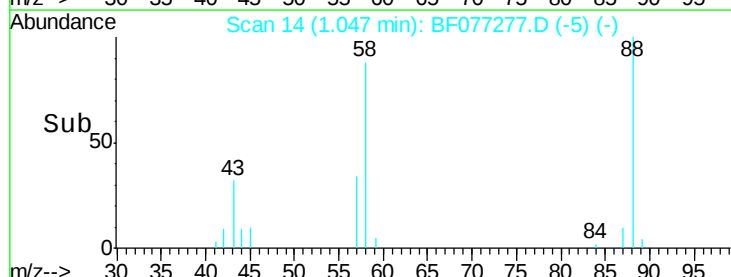
Lab File: BF077277.D

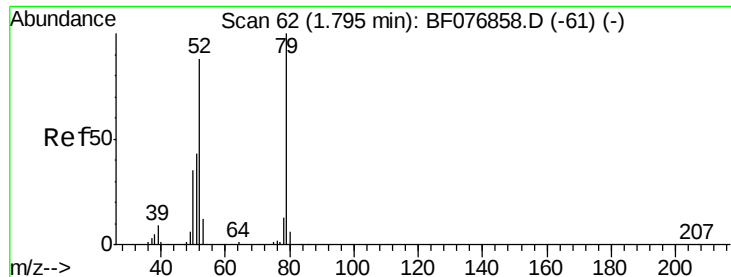
Acq: 12 Feb 2015 8:26

Tgt Ion:	88	Resp:	19106
Ion Ratio	Lower	Upper	
88	100		
58	97.0	77.0	115.4
43	33.5	25.6	38.4



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





#3

Pyridine

Concen: 19.20 ng

RT: 1.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

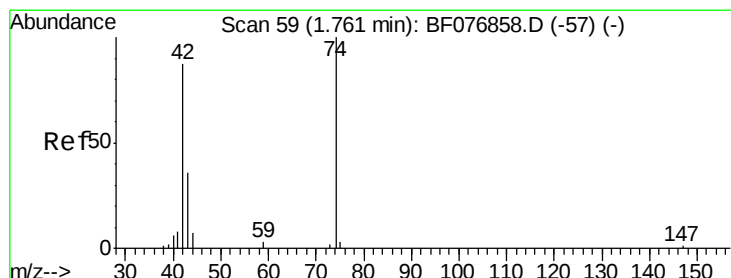
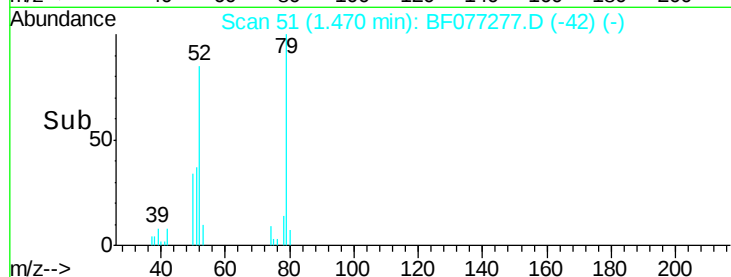
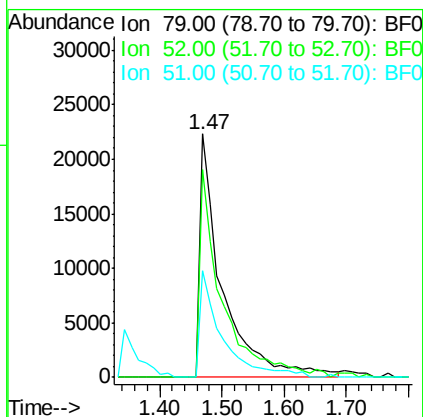
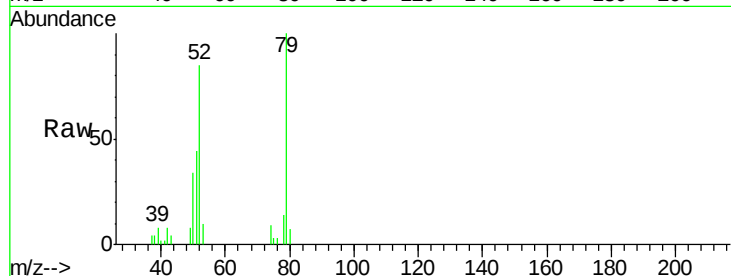
ClientSampleId :

UB9BMSD

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM

Tgt Ion:	79	Resp:	55872
Ion Ratio	Lower	Upper	
79	100		
52	85.2	70.1	105.1
51	43.9	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 21.55 ng

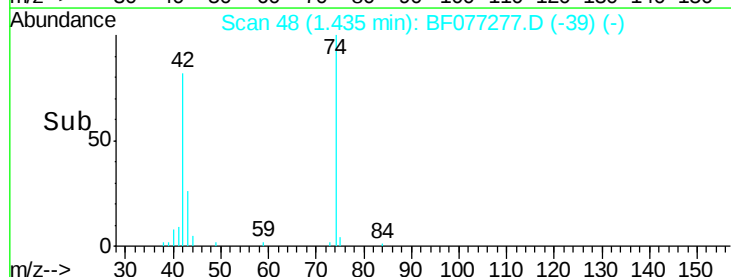
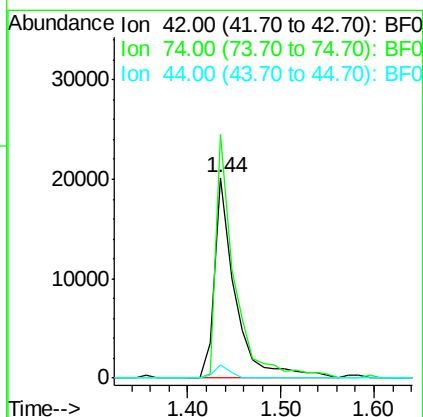
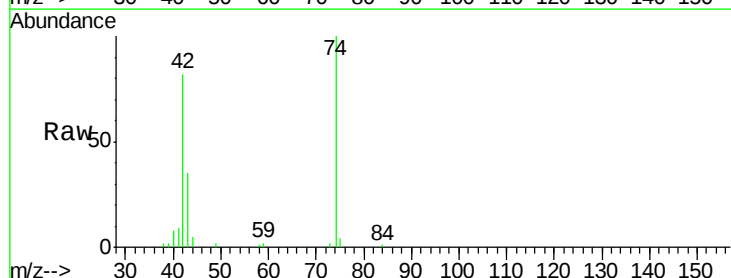
RT: 1.44 min Scan# 48

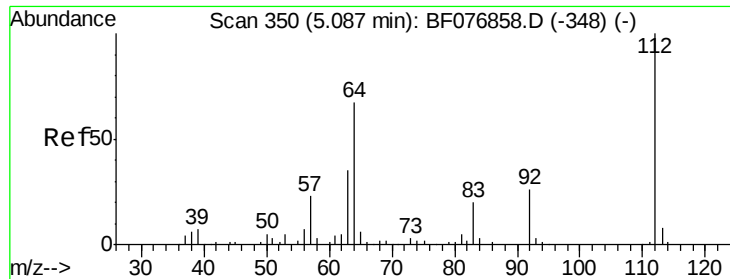
Delta R.T. 0.00 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	42	Resp:	31076
Ion Ratio	Lower	Upper	
42	100		
74	121.6	92.4	138.6
44	6.6	6.2	9.2





#5

2-Fluorophenol

Concen: 85.24 ng

RT: 4.54 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF077277.D

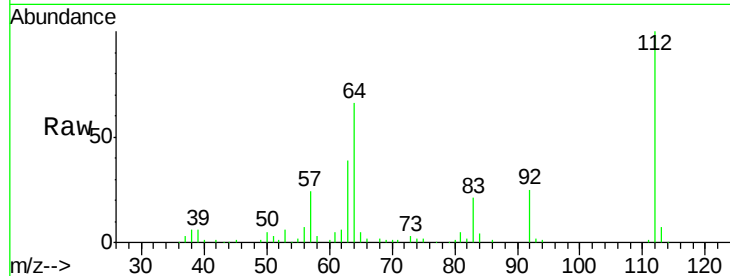
Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

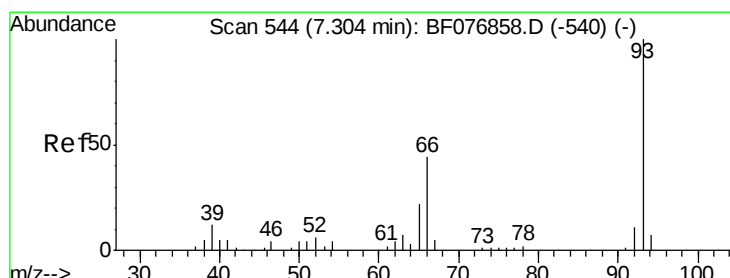
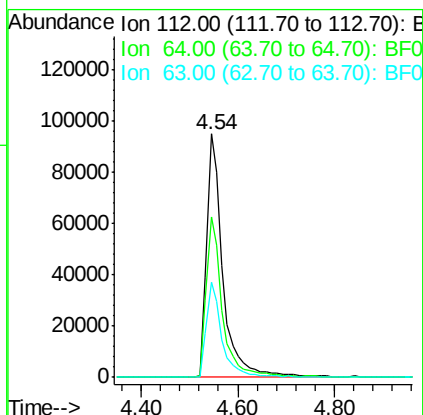
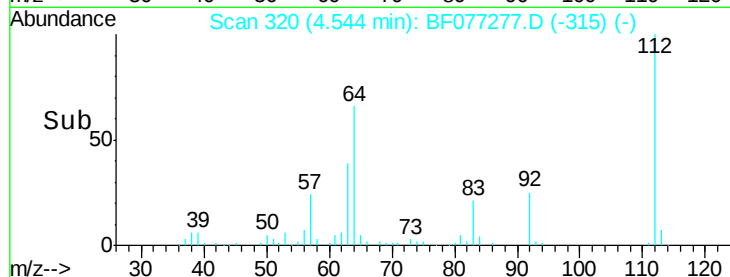
UB9BMSD



Tgt Ion:	112	Resp:	223924
Ion Ratio	Lower	Upper	
112	100		
64	66.0	54.2	81.4
63	39.0	28.4	42.6

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#6

Aniline

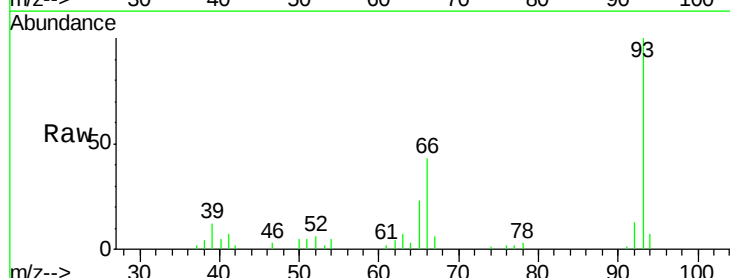
Concen: 11.40 ng

RT: 6.83 min Scan# 520

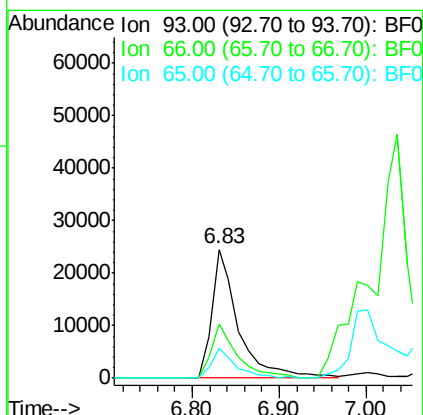
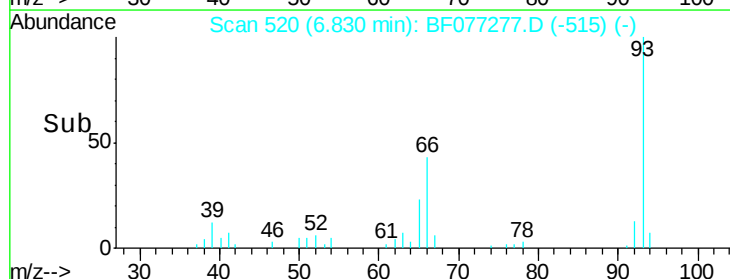
Delta R.T. -0.05 min

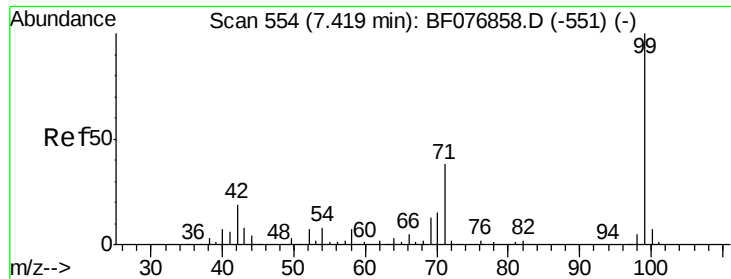
Lab File: BF077277.D

Acq: 12 Feb 2015 8:26



Tgt Ion:	93	Resp:	52287
Ion Ratio	Lower	Upper	
93	100		
66	42.5	35.0	52.4
65	23.1	17.7	26.5





#7

Phenol-d6

Concen: 83.38 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

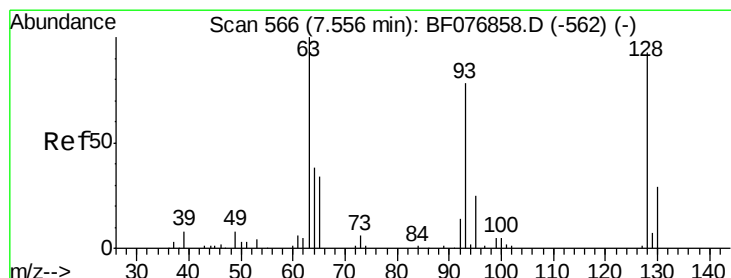
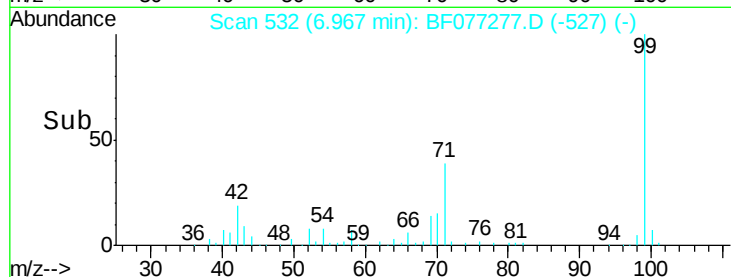
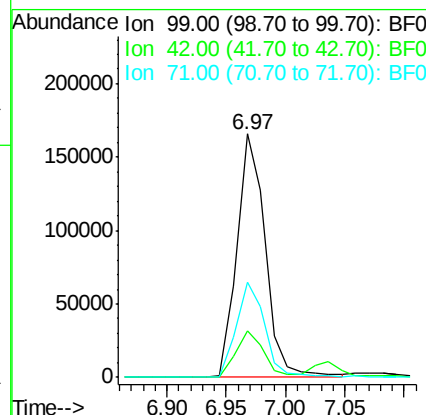
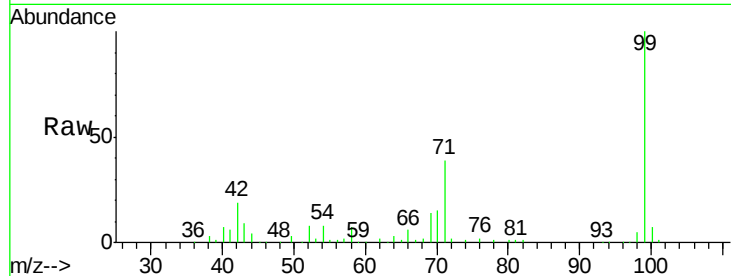
ClientSampleId :

UB9BMSD

Tgt Ion:	99	Resp:	276332
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.0	22.4
71	39.2	30.5	45.7

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#8

2-Chlorophenol

Concen: 26.41 ng

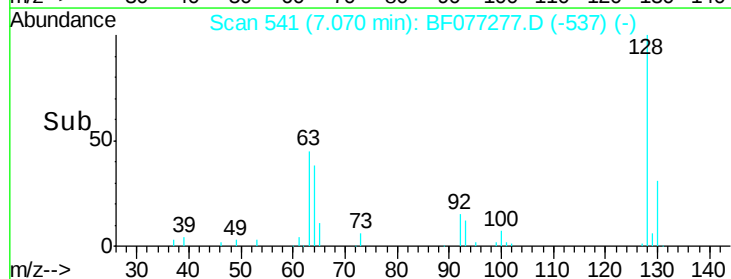
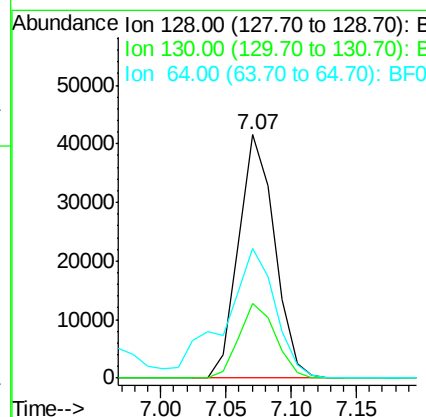
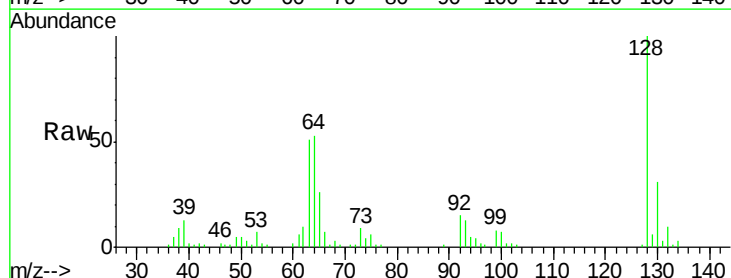
RT: 7.07 min Scan# 541

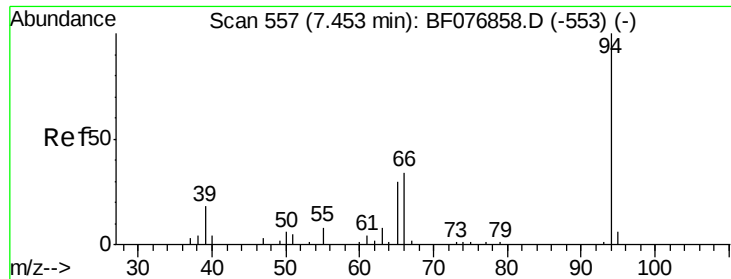
Delta R.T. -0.06 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	128	Resp:	79985
Ion Ratio	Lower	Upper	
128	100		
130	30.7	11.0	51.0
64	53.1	29.3	69.3





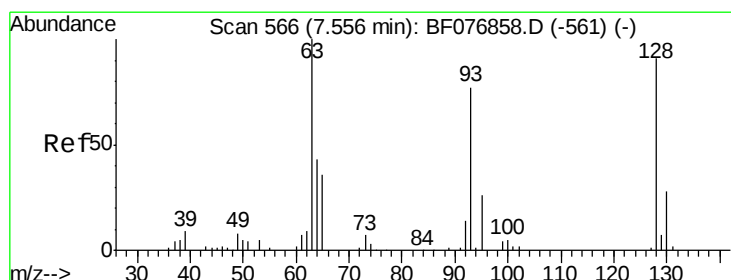
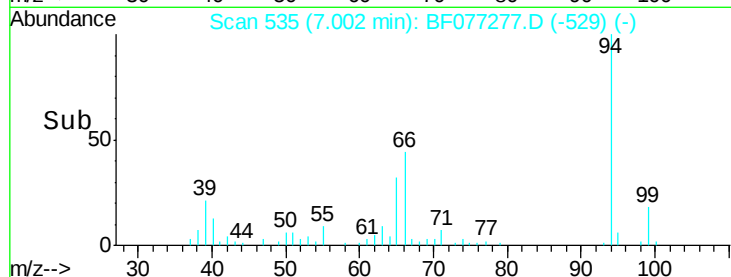
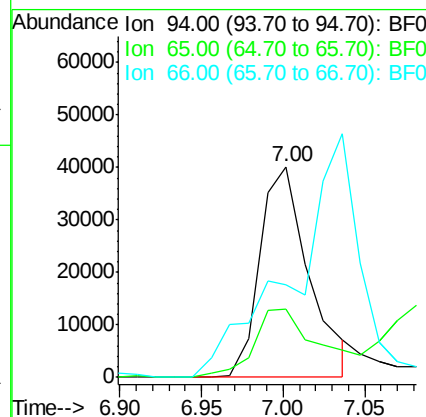
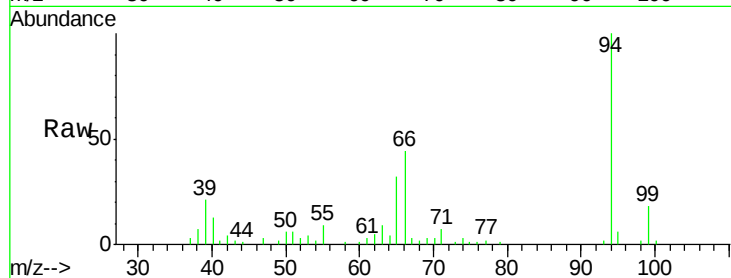
#10
Phenol
Concen: 23.87 ng
RT: 7.00 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.3	51.3
66	44.1	19.5	59.5

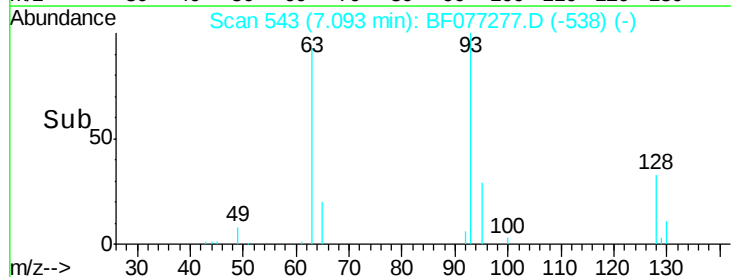
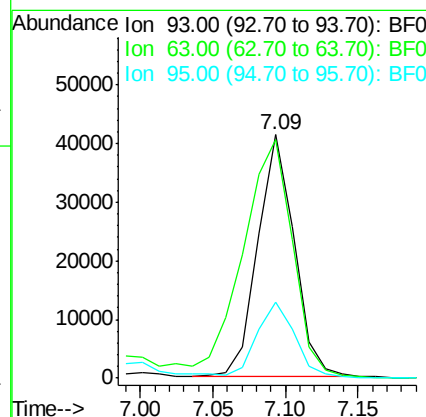
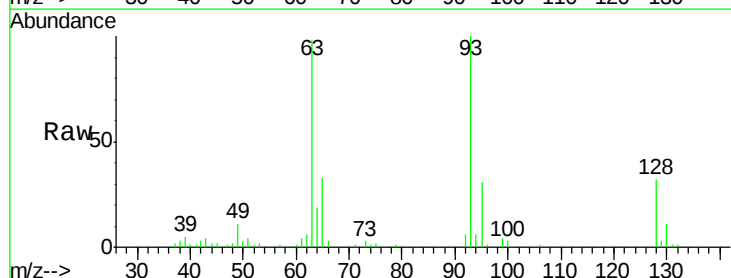
Manual Integrations
APPROVED

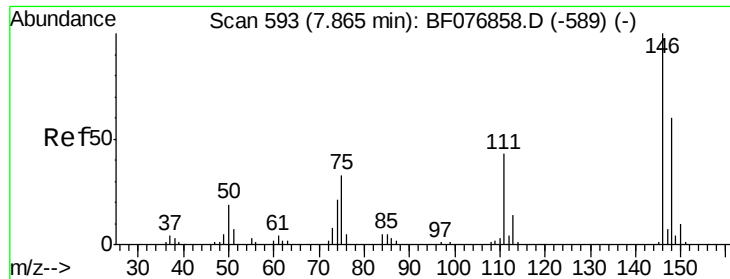
apatel
2/12/2015 4:15:34 PM



#11
bis(2-Chloroethyl)ether
Concen: 26.02 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
93	100		
63	97.7	111.3	151.3#
95	31.0	13.8	53.8





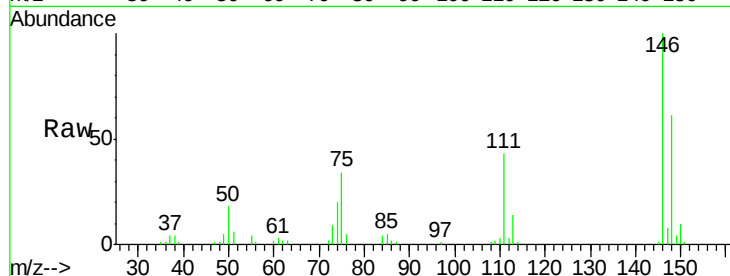
#12
 1,3-Dichlorobenzene
 Concen: 24.65 ng
 RT: 7.38 min Scan# 568
 Delta R.T. -0.06 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

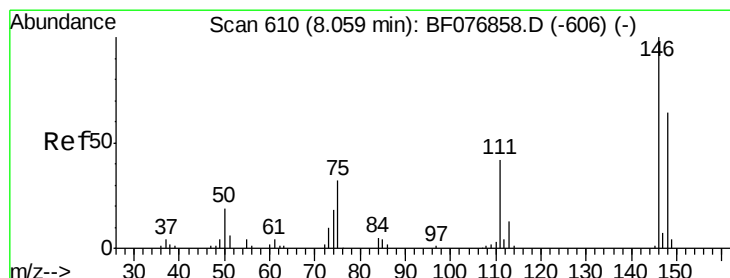
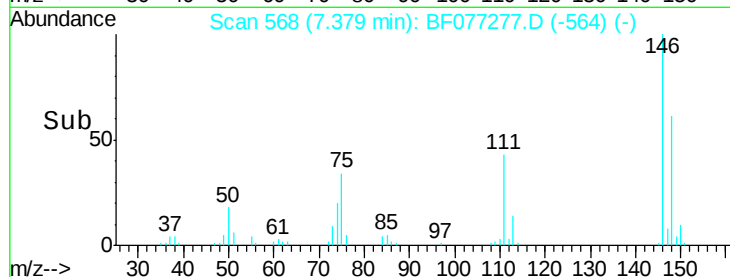
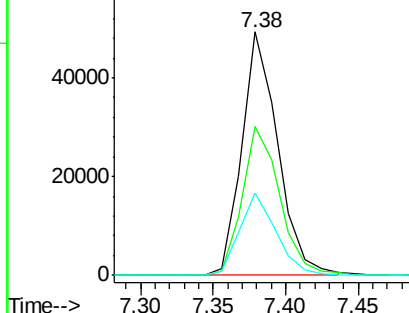
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	84927		
148	61.2	48.1	72.1	
75	33.7	26.8	40.2	

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:15:34 PM

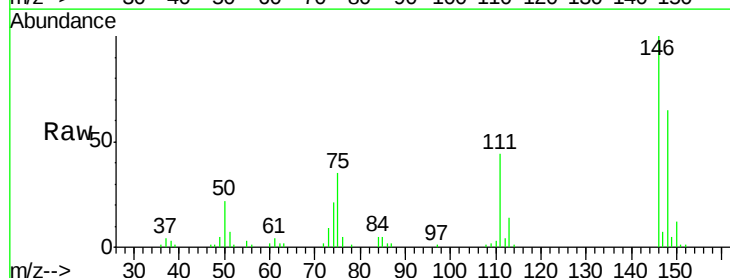


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

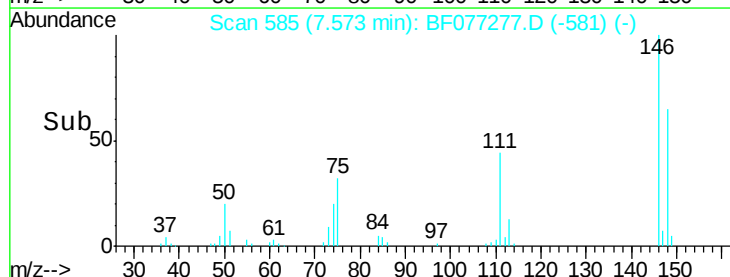
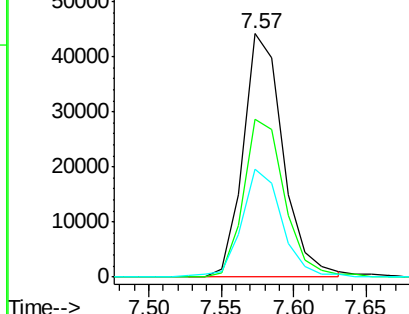


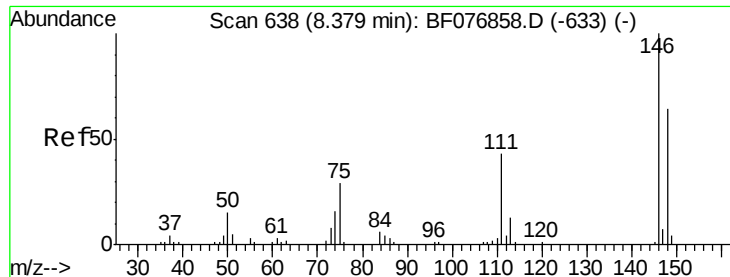
#13
 1,4-Dichlorobenzene
 Concen: 22.99 ng
 RT: 7.57 min Scan# 585
 Delta R.T. -0.06 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	84017		
148	64.6	51.5	77.3	
111	44.4	33.9	50.9	



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





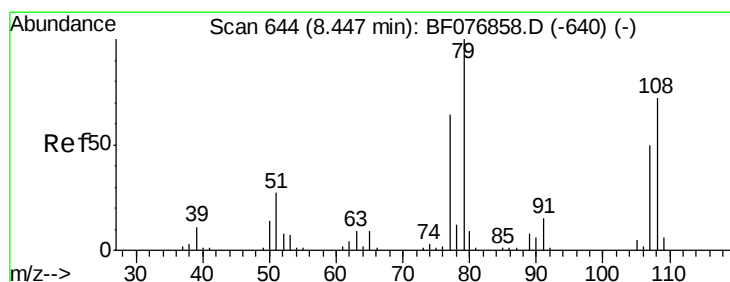
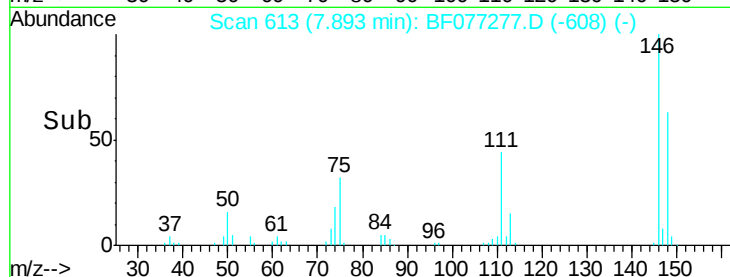
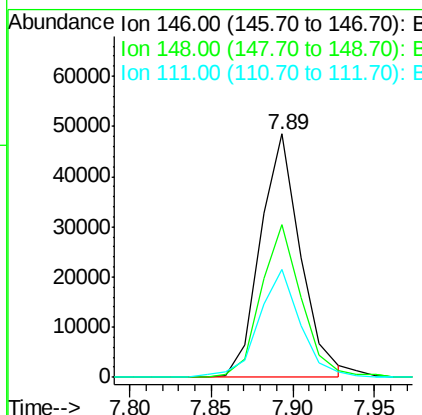
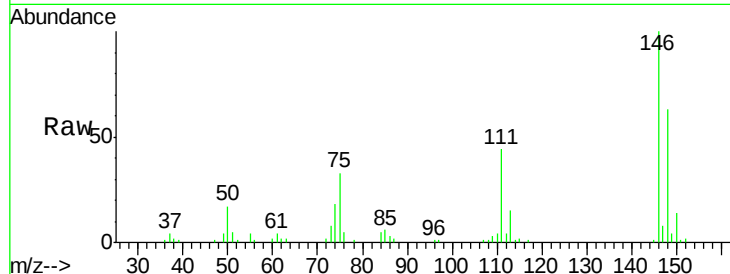
#14
1,2-Dichlorobenzene
Concen: 24.69 ng
RT: 7.89 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.3	76.9
111	44.4	34.5	51.7

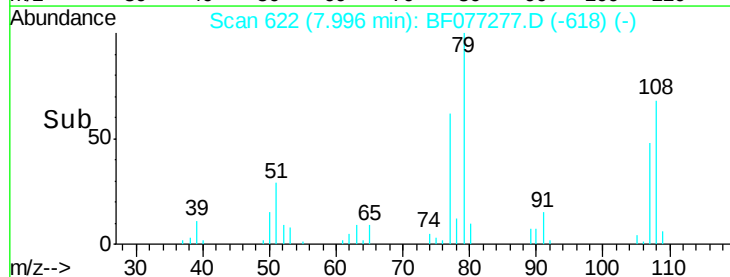
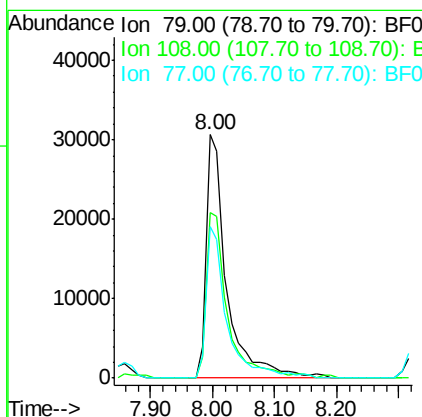
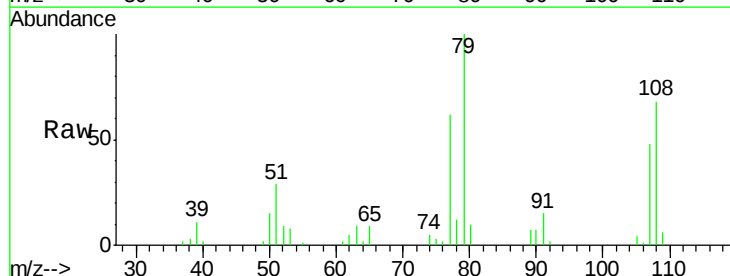
Manual Integrations
APPROVED

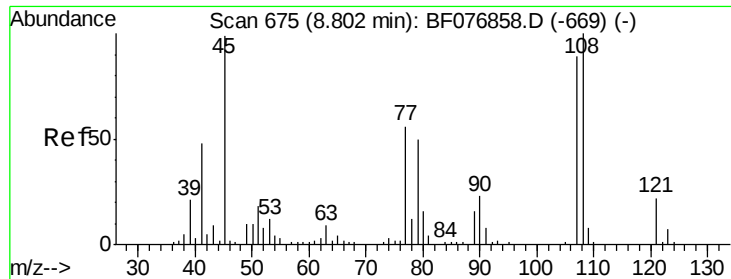
apatel
2/12/2015 4:15:34 PM



#15
Benzyl Alcohol
Concen: 25.93 ng
RT: 8.00 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.0	57.2	85.8
77	62.2	51.2	76.8





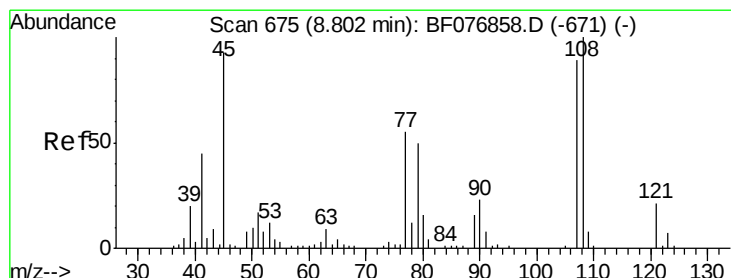
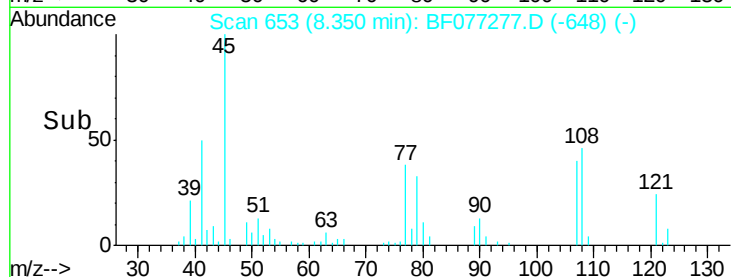
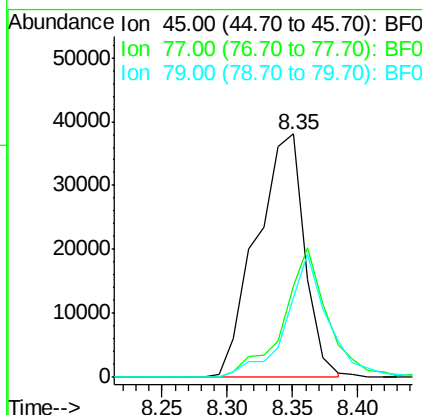
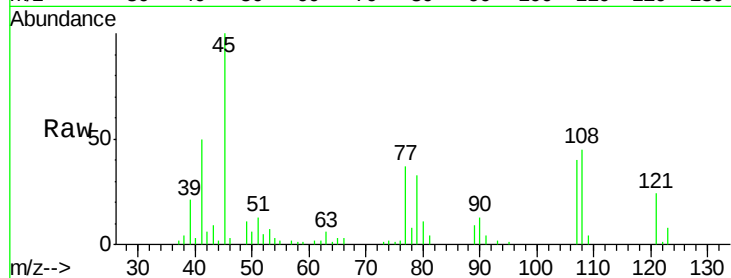
#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.56 ng
RT: 8.35 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampled :
UB9BMSD

Tgt Ion: 45 Resp: 98300
Ion Ratio Lower Upper
45 100
77 37.3 36.1 76.1
79 32.7 30.5 70.5

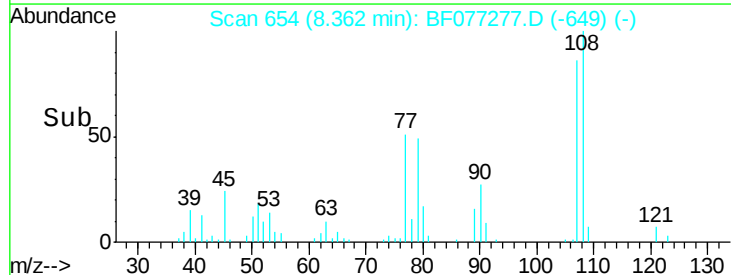
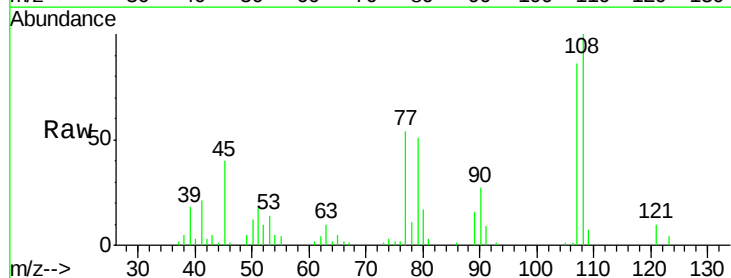
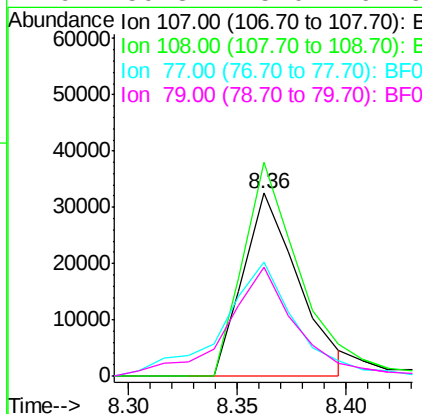
Manual Integrations
APPROVED

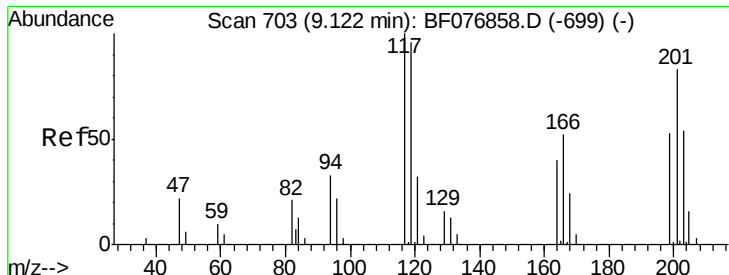
apatel
2/12/2015 4:15:34 PM



#17
2-Methylphenol
Concen: 23.41 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion: 107 Resp: 57941
Ion Ratio Lower Upper
107 100
108 116.9 89.7 134.5
77 62.6 50.1 75.1
79 59.3 45.0 67.6





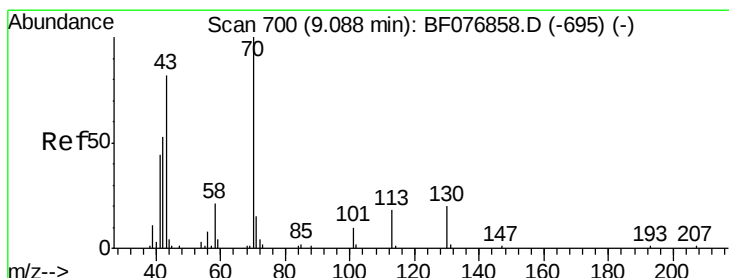
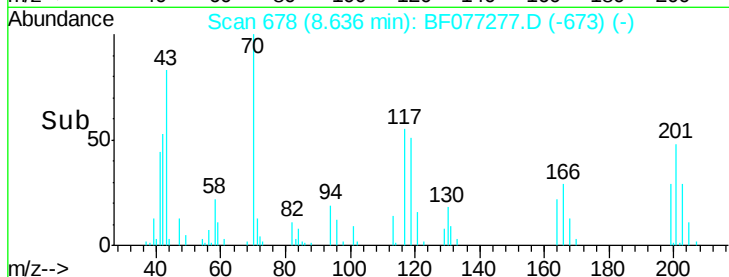
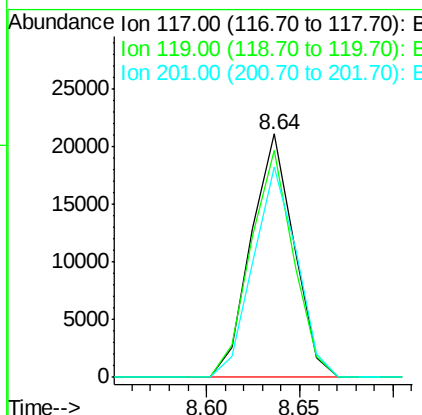
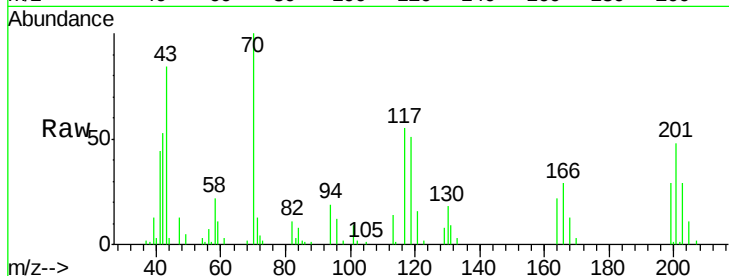
#18
Hexachloroethane
Concen: 26.44 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33606		
119	93.0	77.1	115.7	
201	86.6	66.8	100.2	

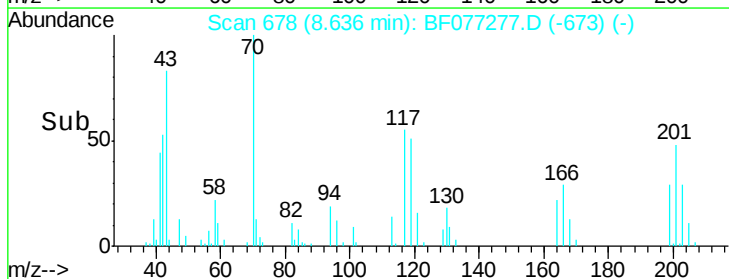
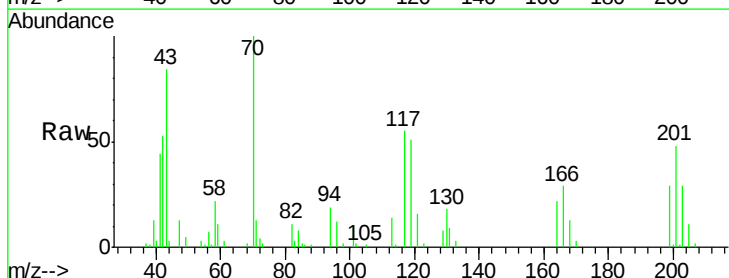
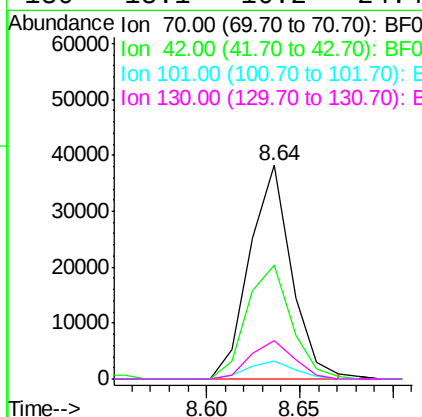
Manual Integrations
APPROVED

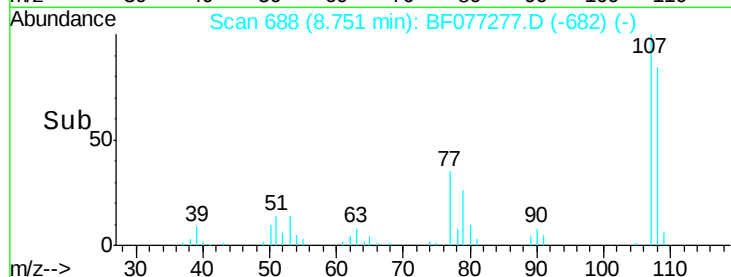
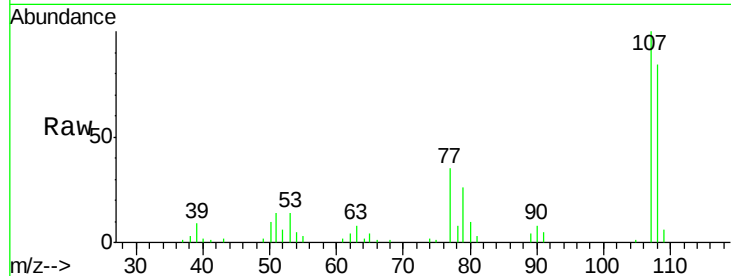
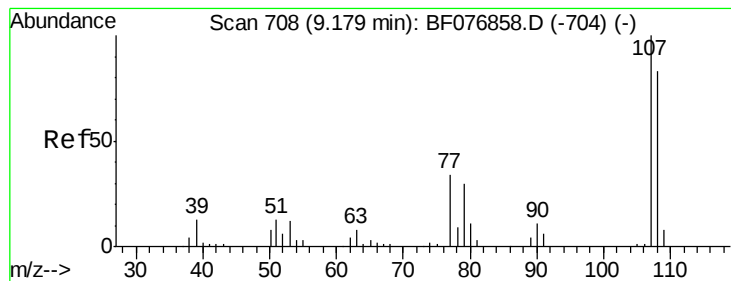
apatel
2/12/2015 4:15:34 PM



#19
n-Nitroso-di-n-propylamine
Concen: 25.75 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	59733		
42	53.3	42.1	63.1	
101	8.6	7.8	11.8	
130	18.1	16.2	24.4	





#20

3+4-Methylphenols

Concen: 25.22 ng m

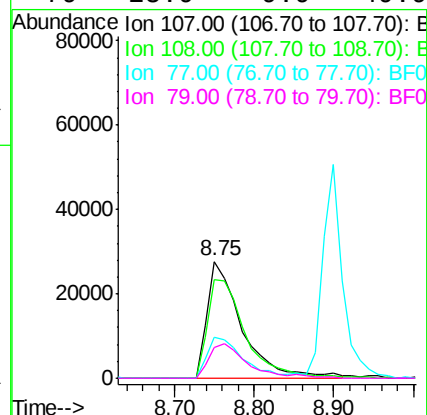
RT: 8.75 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	107	Resp:	82644
Ion Ratio	Lower	Upper	
107	100		
108	84.1	63.5	103.5
77	34.9	14.0	54.0
79	25.9	9.9	49.9



Instrument :

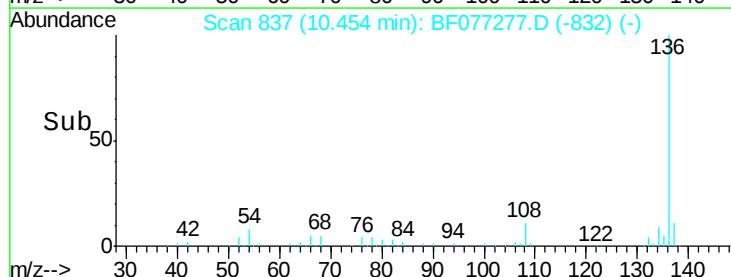
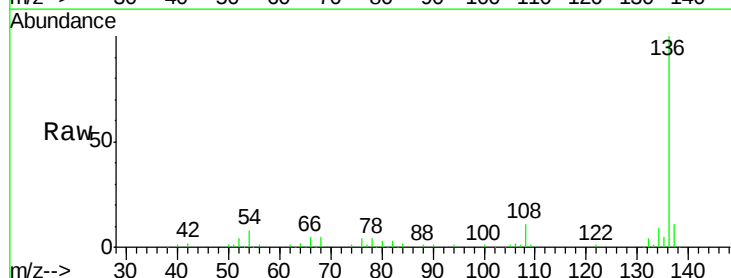
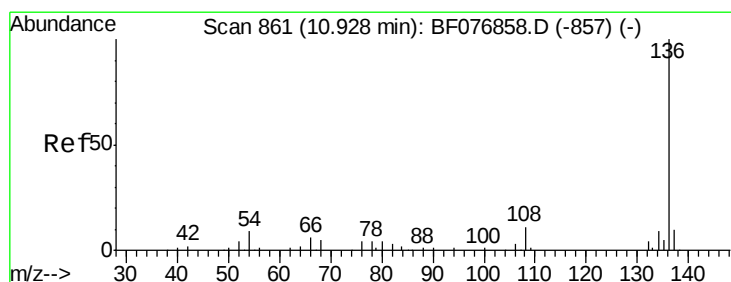
BNA_F

ClientSampleId :

UB9BMSD

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#21

Naphthalene-d8

Concen: 20.00 ng

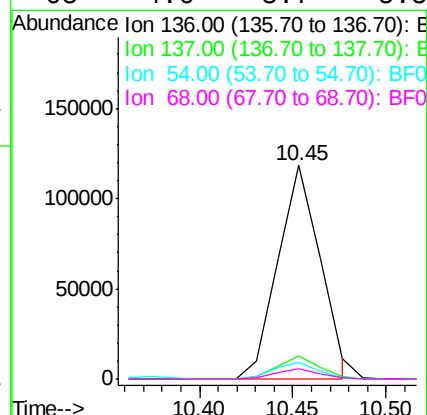
RT: 10.45 min Scan# 837

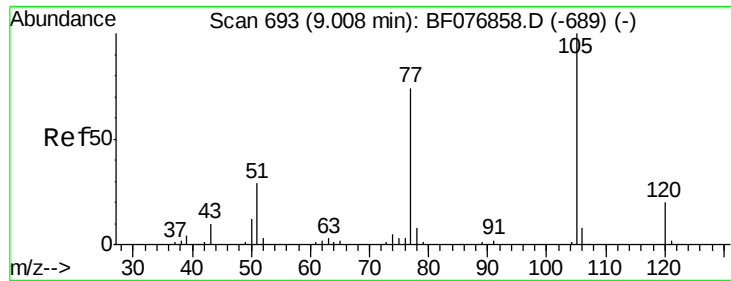
Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	136	Resp:	187780
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.1	12.1
54	8.0	7.0	10.4
68	4.6	3.7	5.5





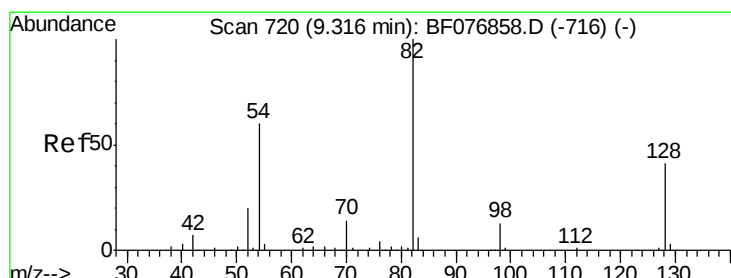
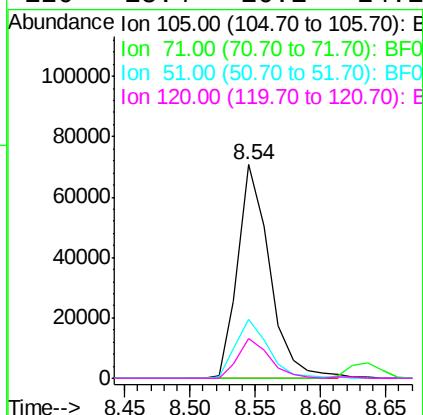
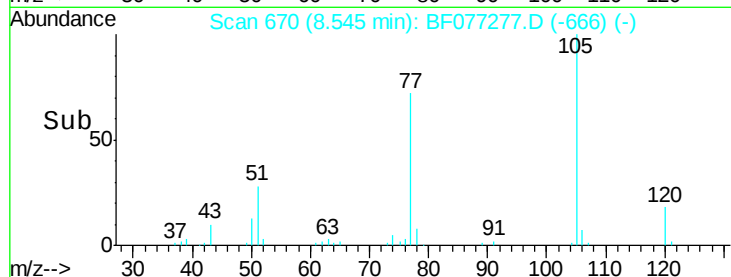
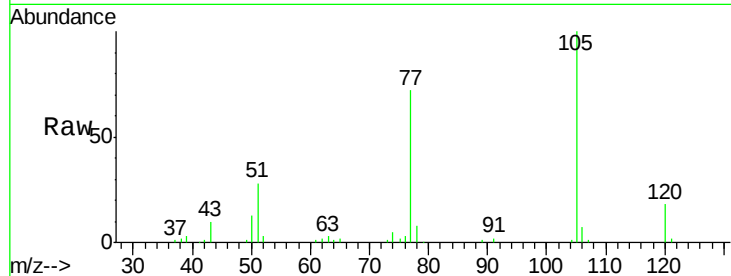
#22
 Acetophenone
 Concen: 26.27 ng
 RT: 8.54 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion:	105	Resp:	120832
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	27.8	23.3	34.9
120	18.4	16.1	24.1

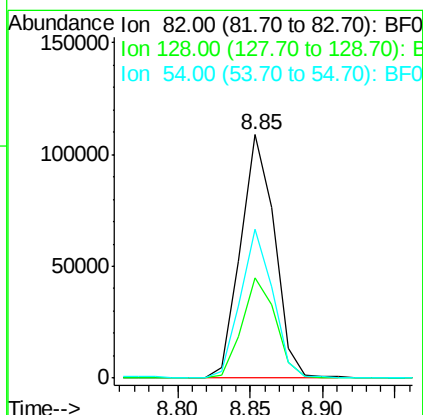
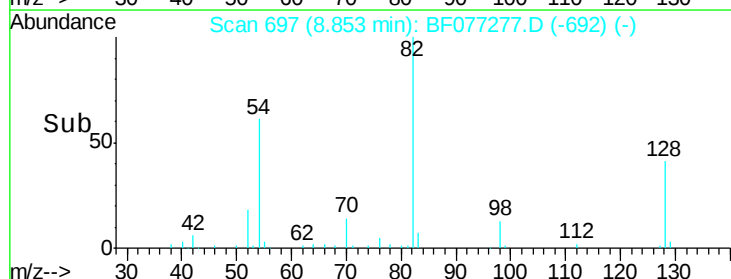
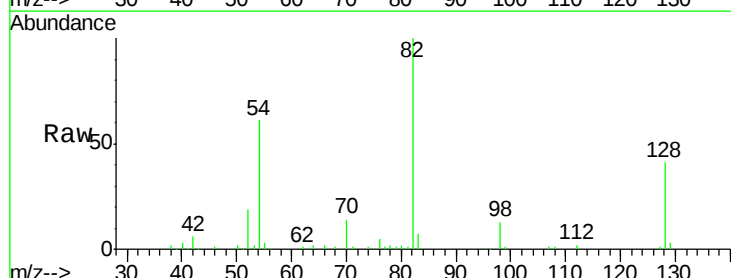
Manual Integrations
 APPROVED

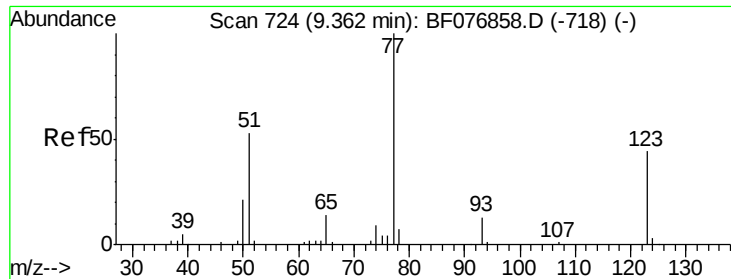
apatel
 2/12/2015 4:15:34 PM



#23
 Nitrobenzene-d5
 Concen: 52.38 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion:	82	Resp:	177528
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.1	49.7
54	61.0	48.3	72.5





#24

Nitrobenzene

Concen: 24.29 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

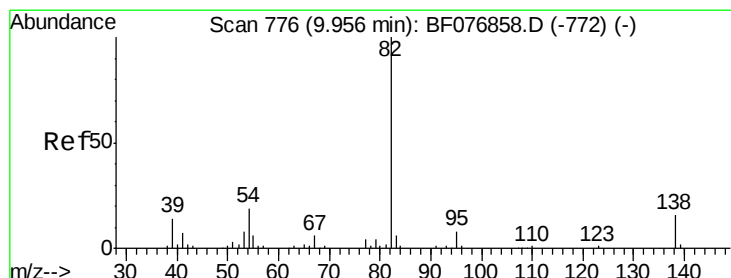
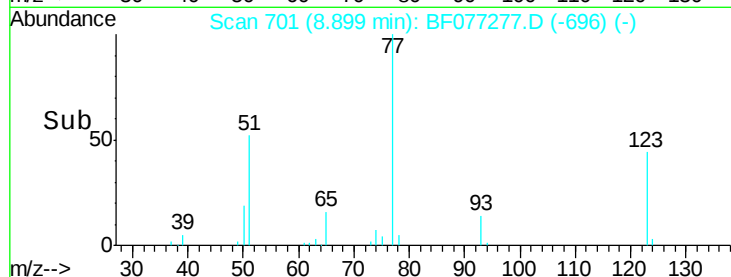
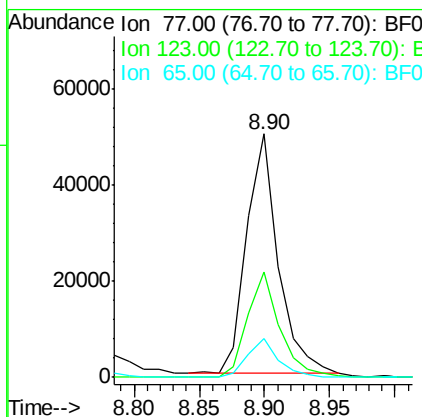
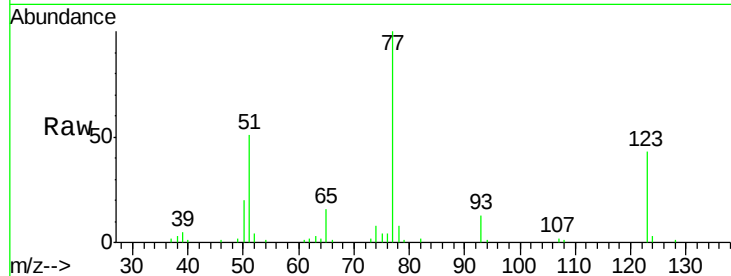
ClientSampleId :

UB9BMSD

Tgt Ion:	77	Resp:	83858
Ion Ratio	Lower	Upper	
77	100		
123	43.2	35.2	52.8
65	15.7	11.4	17.2

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#25

Isophorone

Concen: 25.54 ng

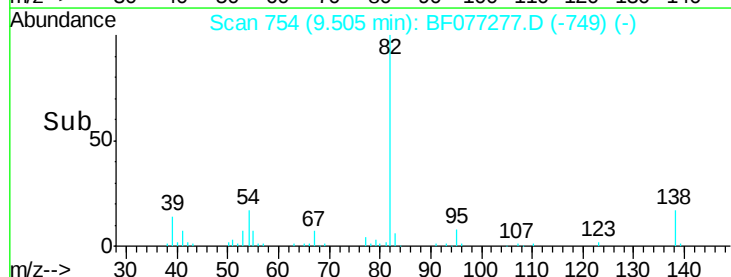
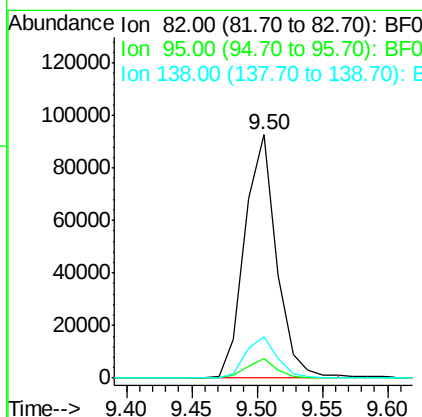
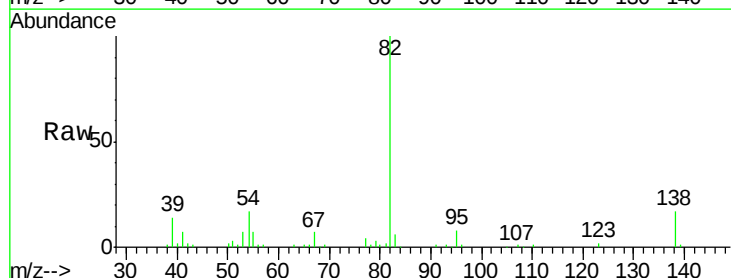
RT: 9.50 min Scan# 754

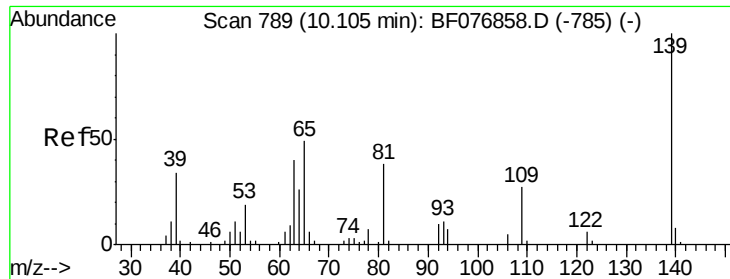
Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	82	Resp:	157631
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	10.0
138	17.1	12.6	18.8





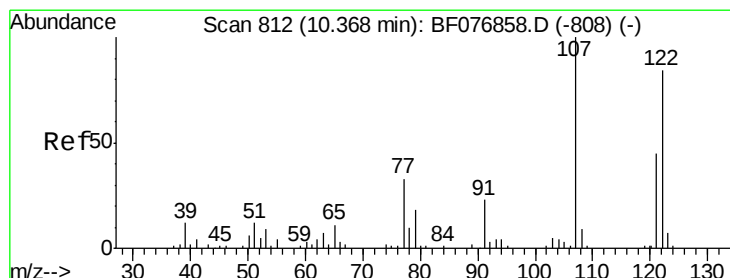
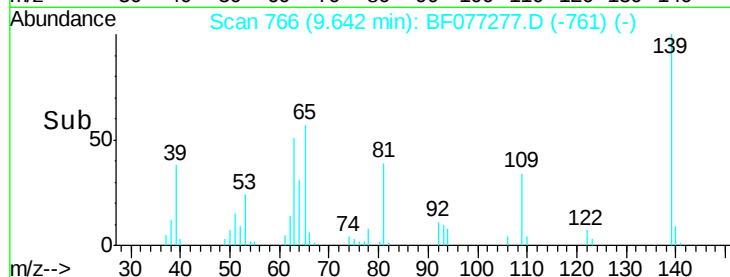
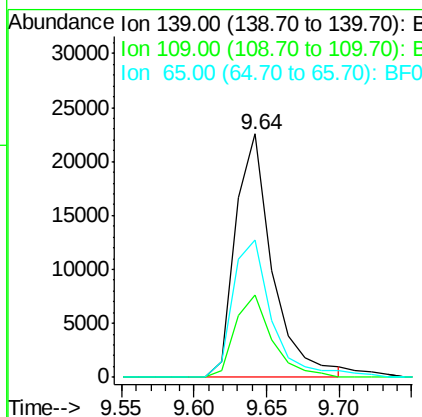
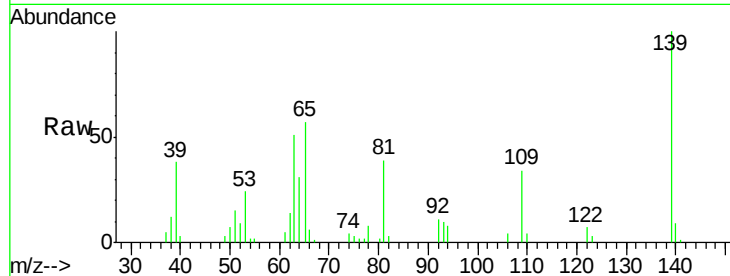
#26
 2-Nitrophenol
 Concen: 23.52 ng
 RT: 9.64 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	33.6	21.3	31.9#
65	56.6	39.4	59.0

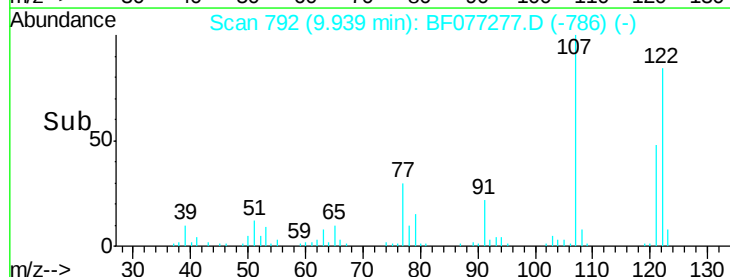
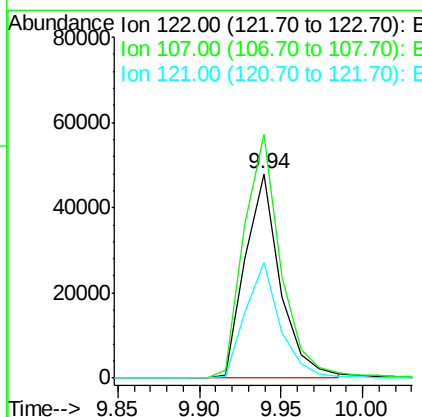
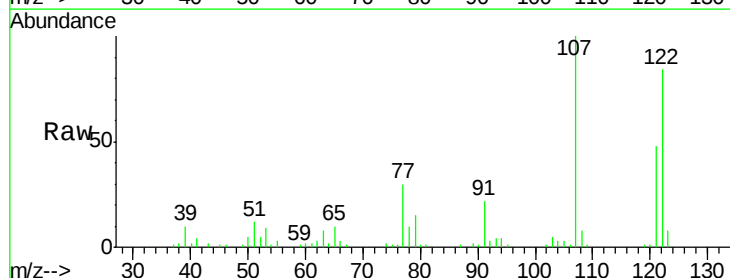
Manual Integrations
 APPROVED

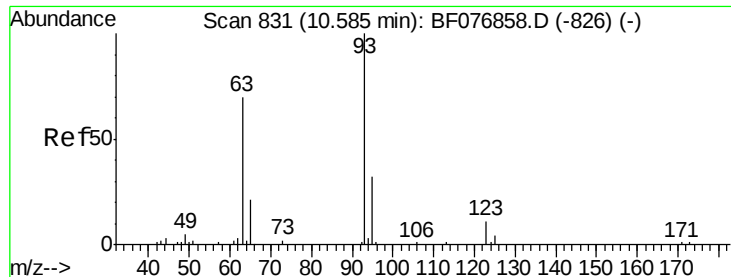
apatel
 2/12/2015 4:15:34 PM



#27
 2,4-Dimethylphenol
 Concen: 26.90 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	119.2	95.2	142.8
121	56.7	42.9	64.3





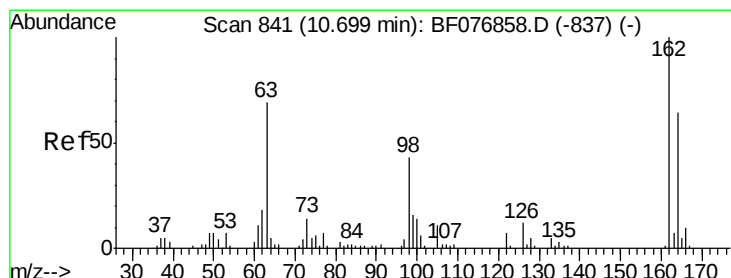
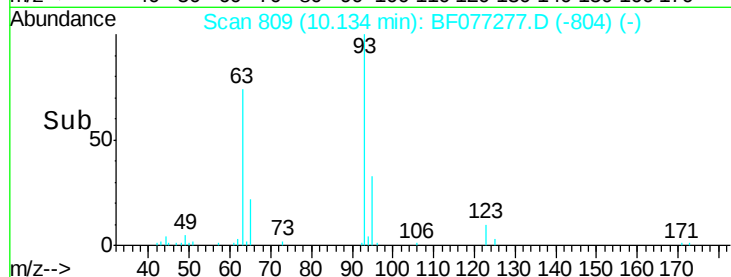
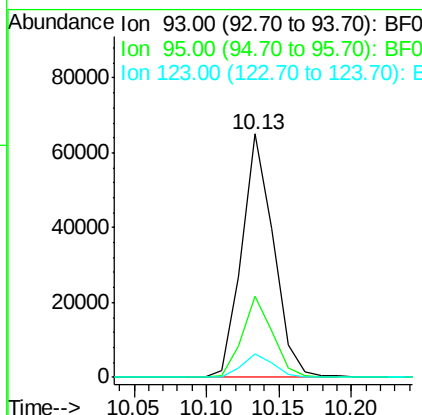
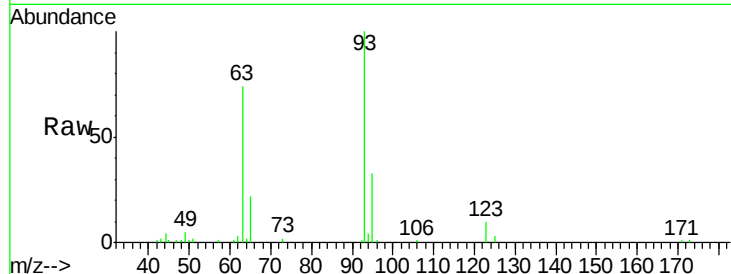
#28
bis(2-Chloroethoxy)methane
Concen: 28.25 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	33.2	25.6	38.4
123	9.6	8.9	13.3

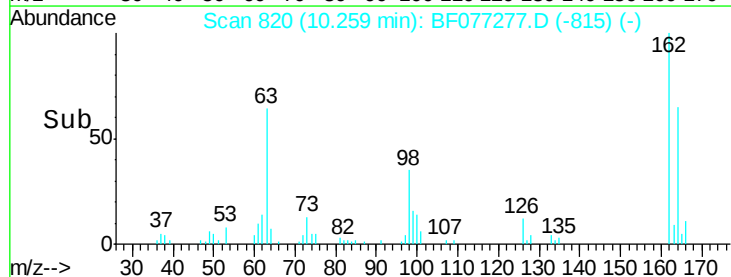
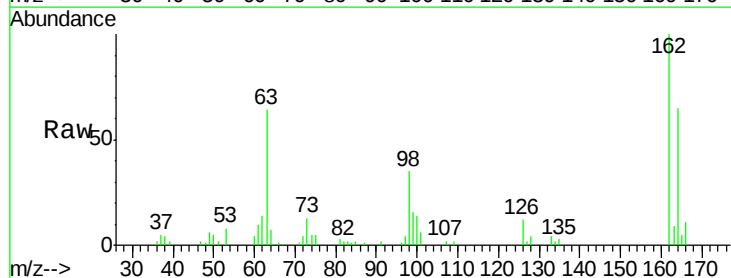
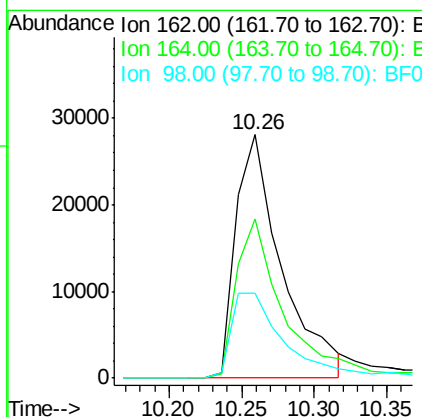
Manual Integrations
APPROVED

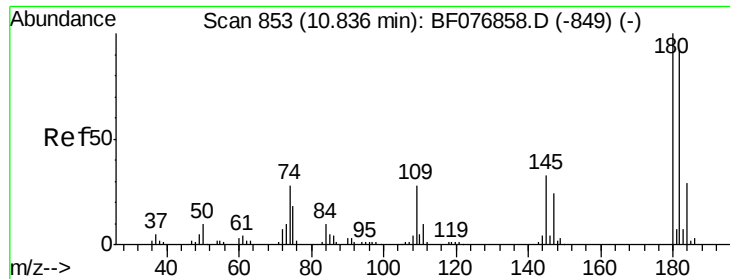
apatel
2/12/2015 4:15:34 PM



#29
2,4-Dichlorophenol
Concen: 24.84 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	43.8	83.8
98	34.8	22.5	62.5





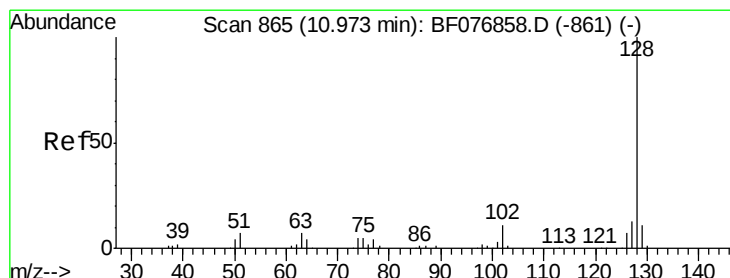
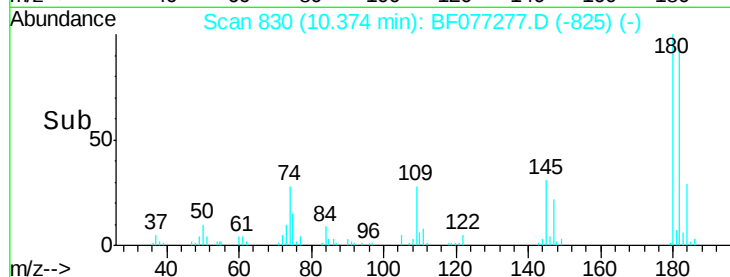
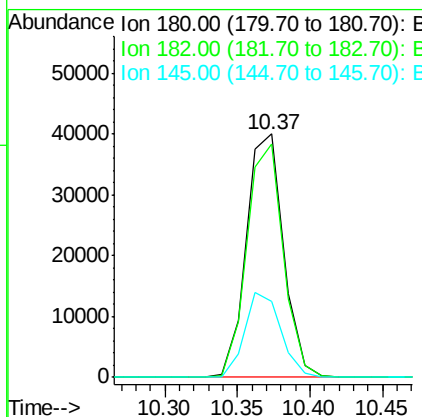
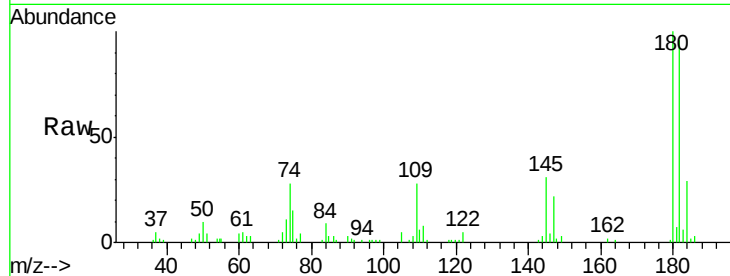
#30
 1,2,4-Trichlorobenzene
 Concen: 25.58 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampled :
 UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70693		
182	95.7	73.6	110.4	
145	31.1	26.6	39.8	

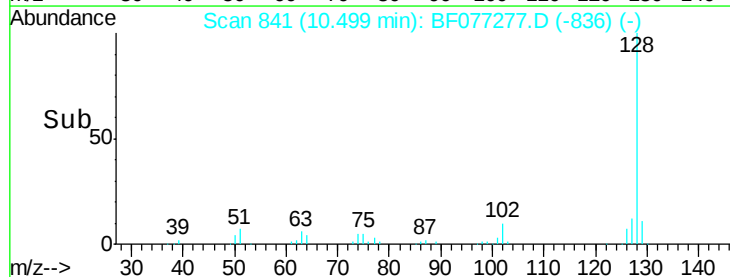
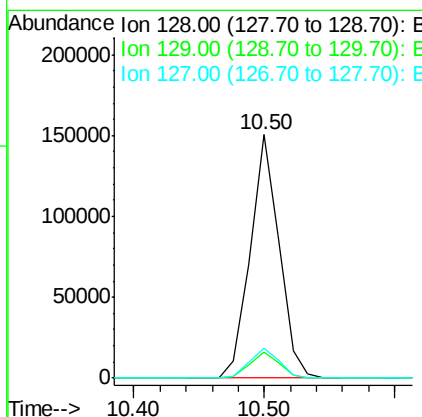
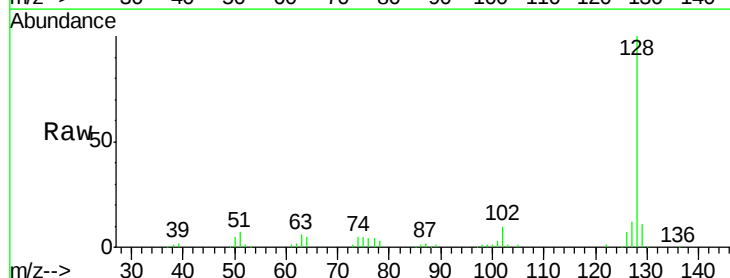
Manual Integrations
 APPROVED

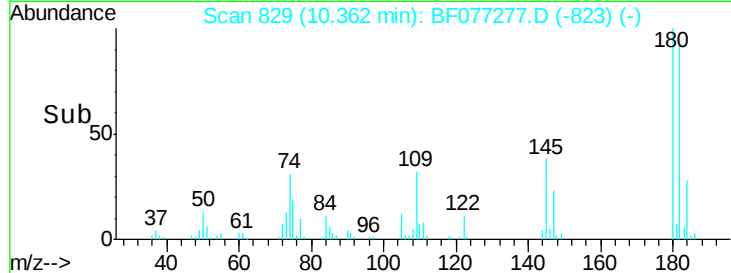
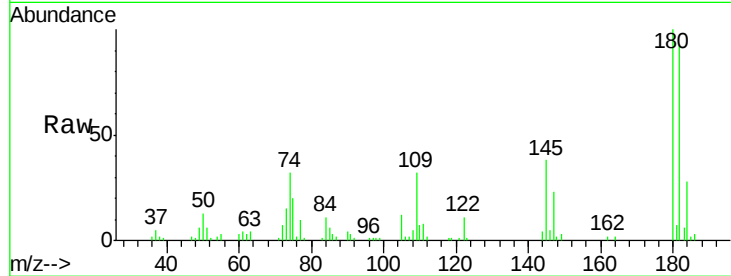
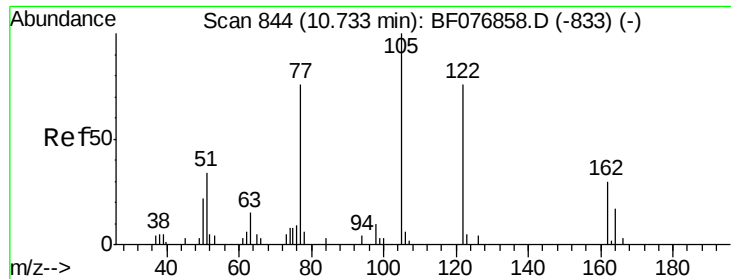
apatel
 2/12/2015 4:15:34 PM



#31
 Naphthalene
 Concen: 24.07 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	232691		
129	10.6	9.0	13.6	
127	12.5	10.2	15.2	





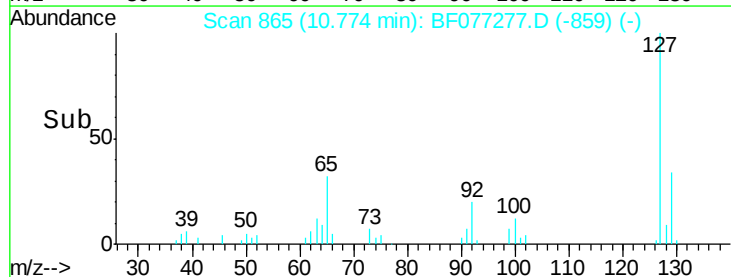
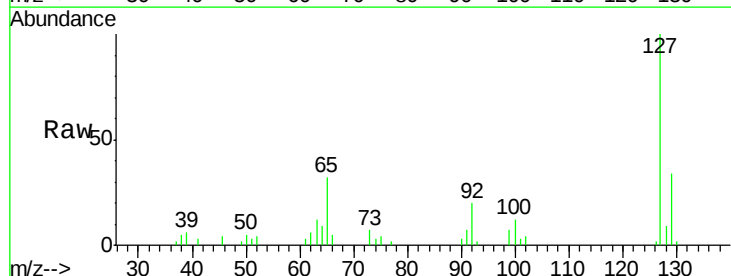
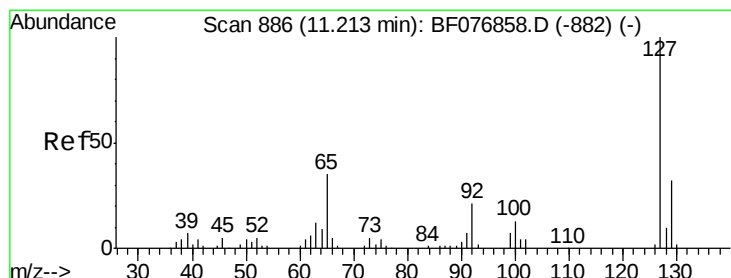
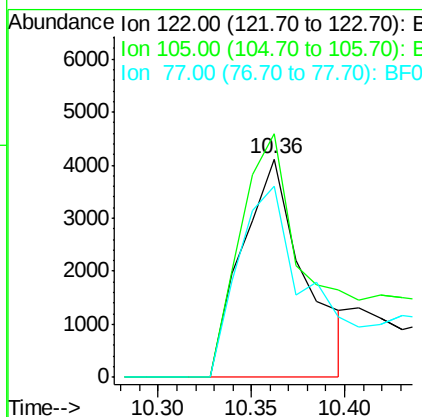
#32
Benzoic acid
Concen: 6.44 ng
RT: 10.36 min Scan# 829
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:	122	Resp:	9532
Ion Ratio	Lower	Upper	
122	100		
105	111.6	111.3	151.3
77	87.6	79.2	119.2

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

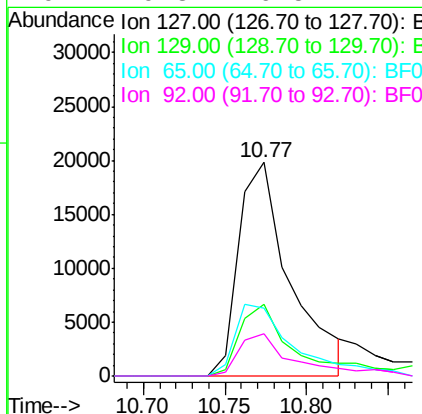
Manual Integrations
APPROVED

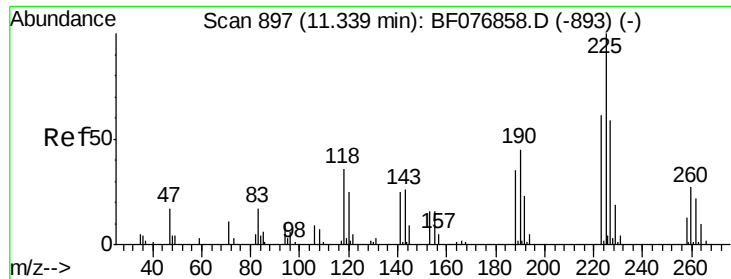
apatel
2/12/2015 4:15:34 PM



#33
4-Chloroaniline
Concen: 11.16 ng
RT: 10.77 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion:	127	Resp:	43583
Ion Ratio	Lower	Upper	
127	100		
129	33.6	25.3	37.9
65	31.5	27.8	41.6
92	19.8	16.5	24.7





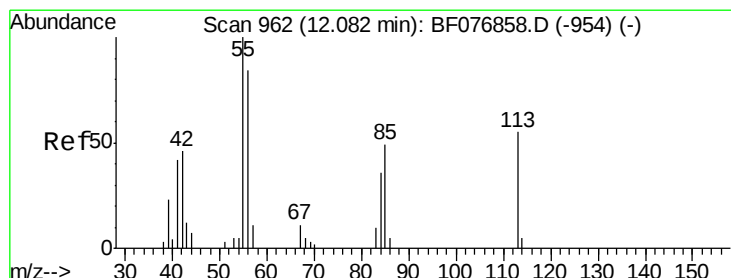
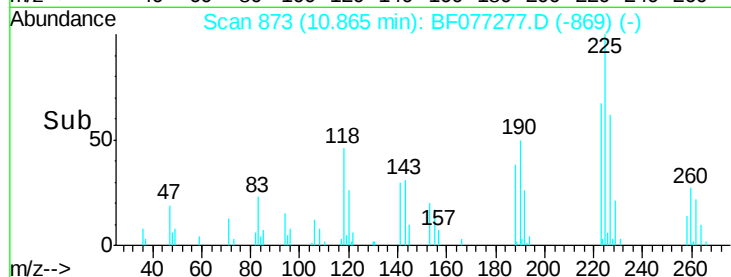
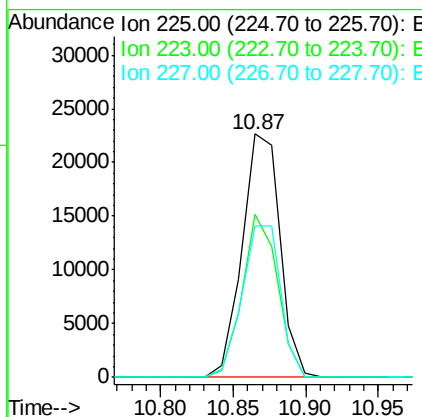
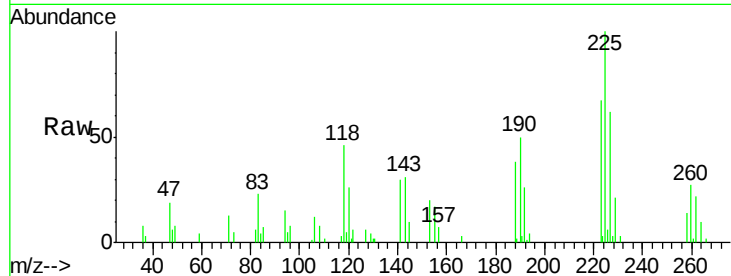
#34
Hexachlorobutadiene
Concen: 24.98 ng
RT: 10.87 min Scan# 873
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.2	49.1	73.7
227	62.4	47.5	71.3

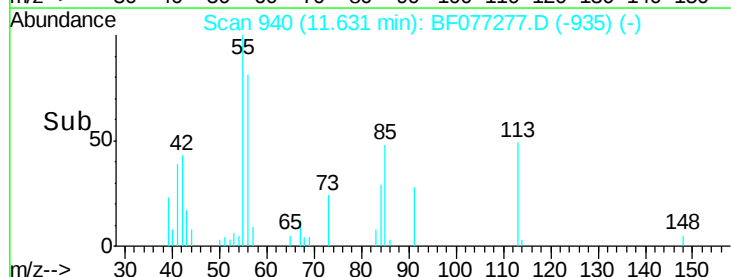
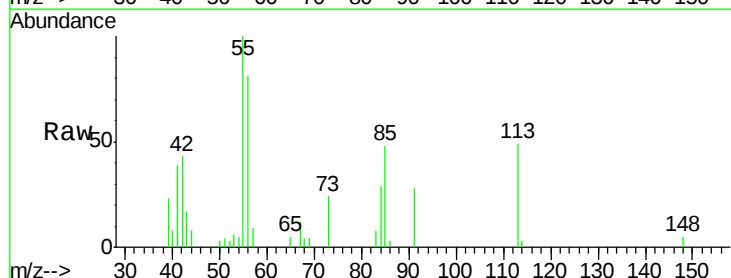
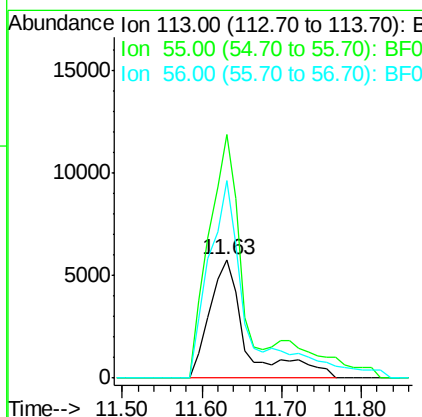
Manual Integrations
APPROVED

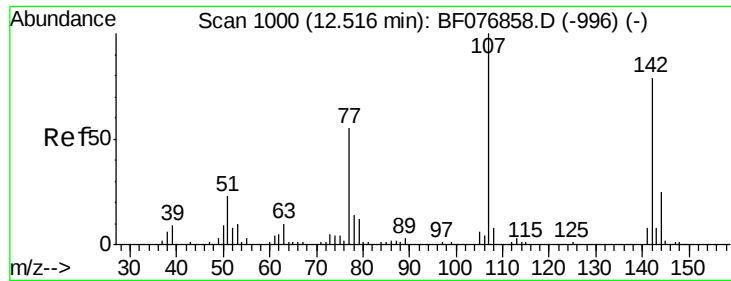
apatel
2/12/2015 4:15:34 PM



#35
Caprolactam
Concen: 25.01 ng m
RT: 11.63 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
113	100		
55	206.1	162.1	202.1#
56	167.4	133.7	173.7





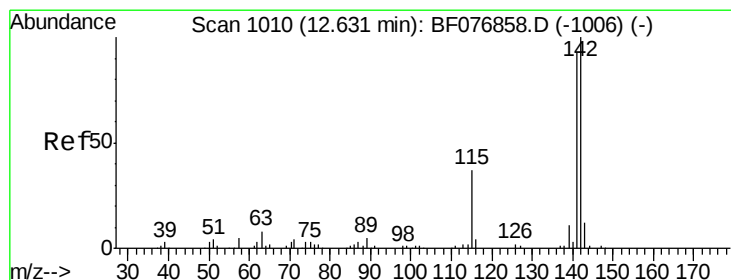
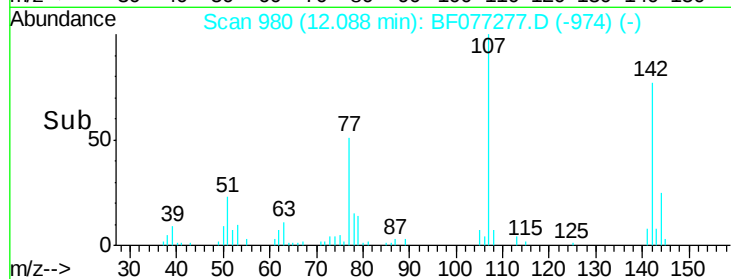
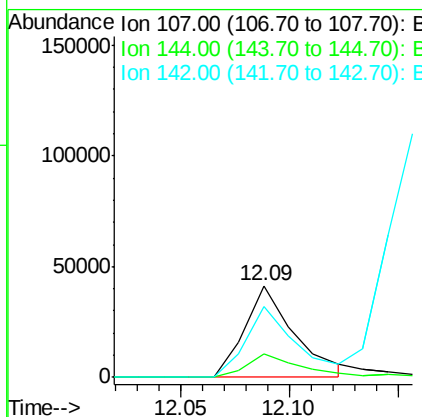
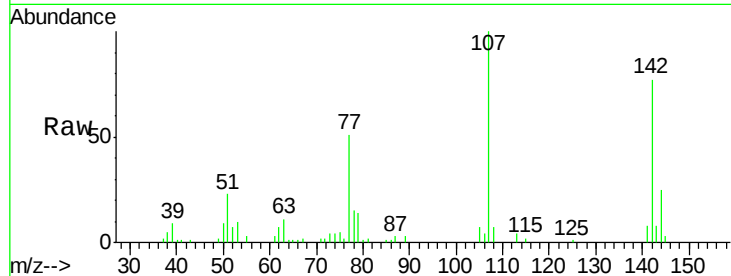
#36
 4-Chloro-3-methylphenol
 Concen: 23.28 ng
 RT: 12.09 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	66328		
144	25.4	20.0	30.0	
142	77.1	63.5	95.3	

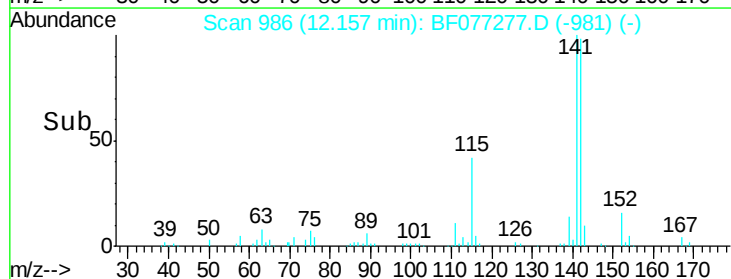
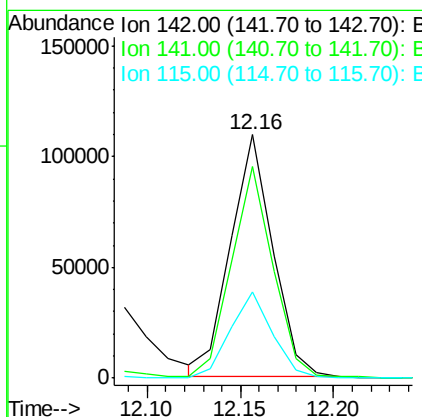
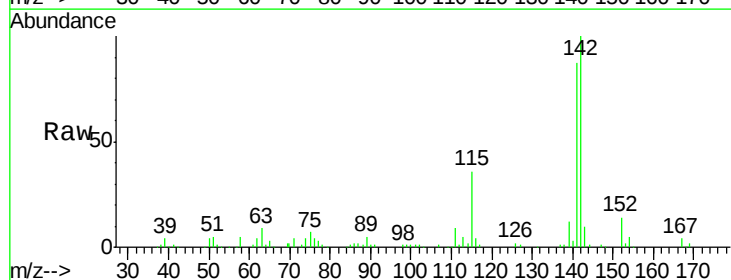
Manual Integrations
 APPROVED

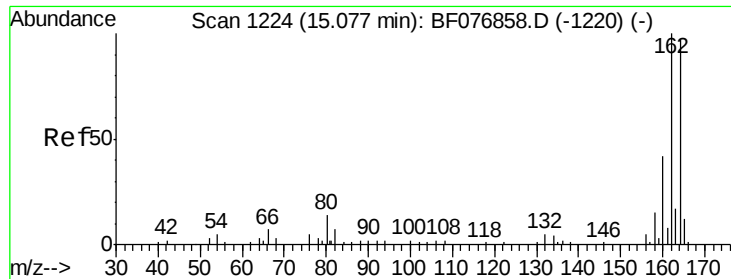
apatel
 2/12/2015 4:15:34 PM



#37
 2-Methylnaphthalene
 Concen: 25.83 ng
 RT: 12.16 min Scan# 986
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	170510		
141	86.9	74.5	111.7	
115	35.5	29.7	44.5	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1197

Delta R.T. -0.06 min

Lab File: BF077277.D

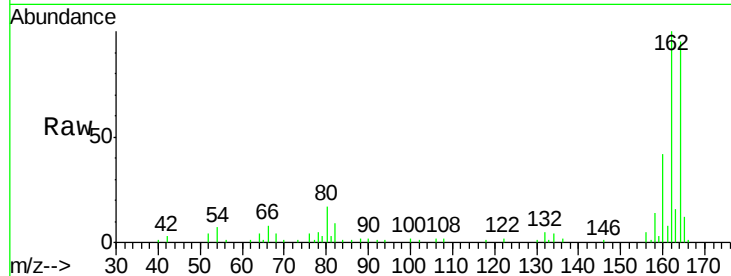
Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

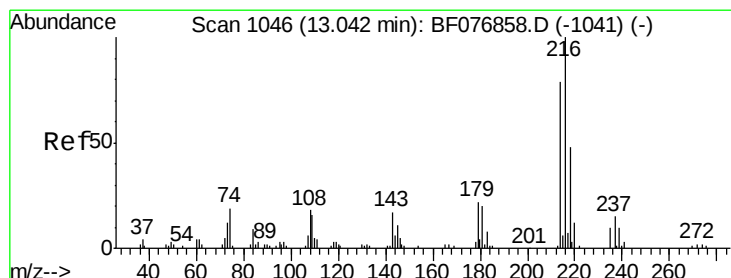
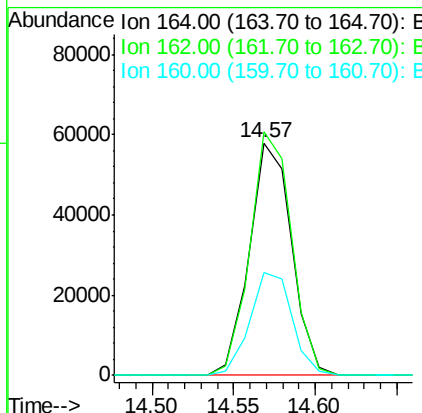
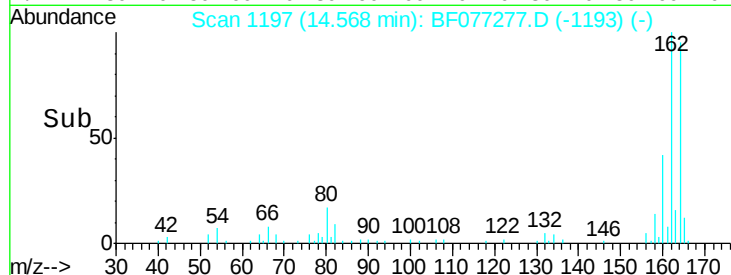
UB9BMSD



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	82.4	123.6	
160	44.5	34.8	52.2	

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.31 ng

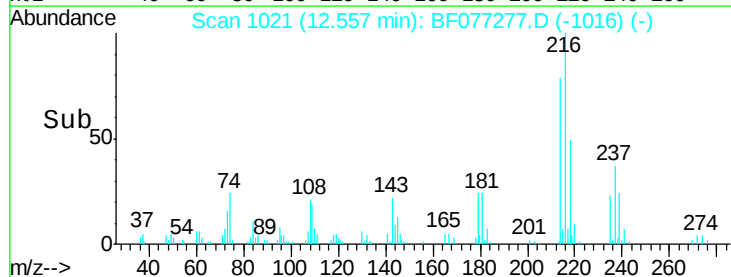
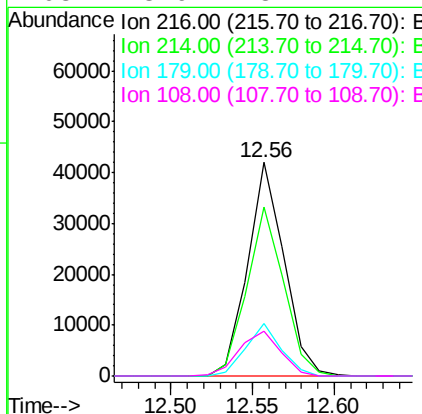
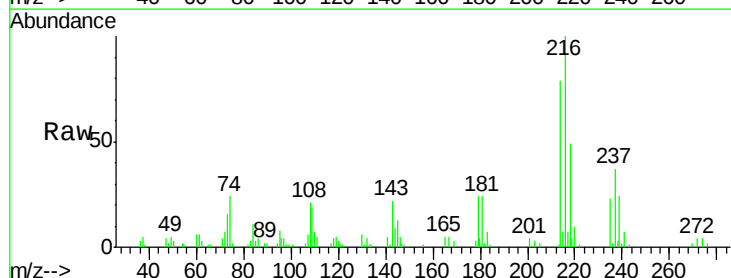
RT: 12.56 min Scan# 1021

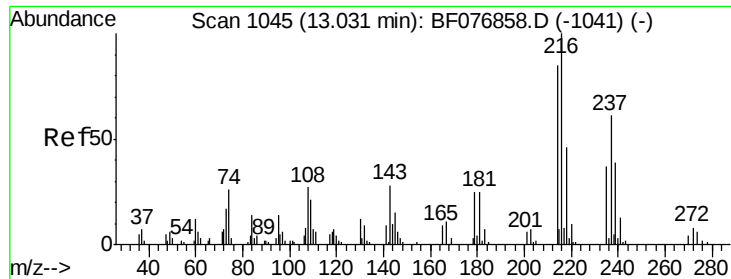
Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	64.9	97.3	
179	23.6	18.6	28.0	
108	23.9	18.1	27.1	





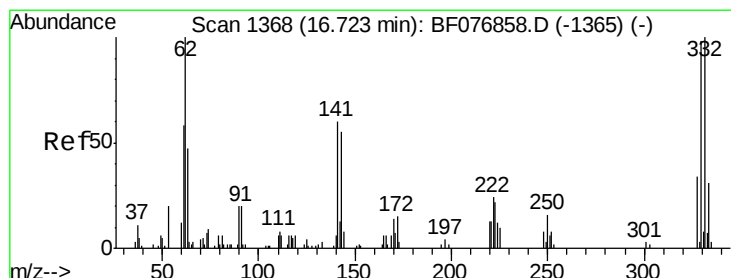
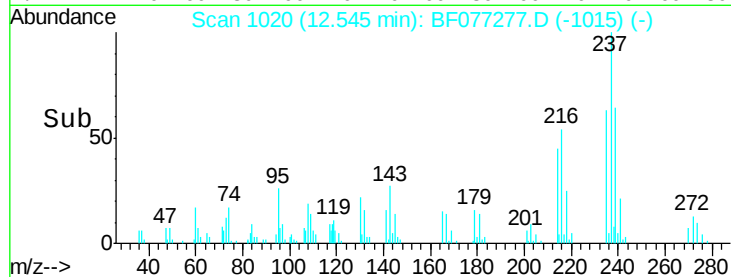
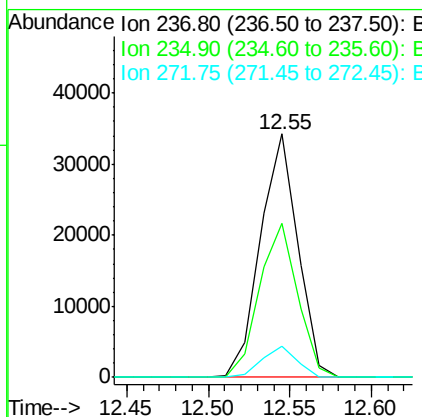
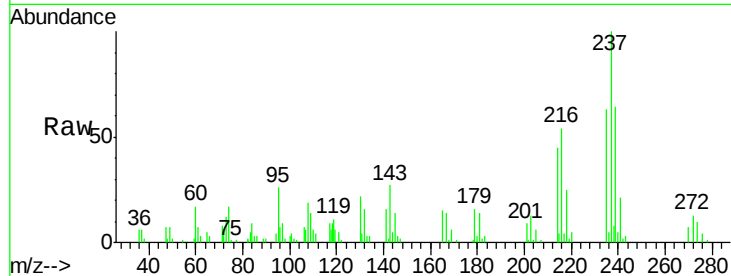
#40
 Hexachlorocyclopentadiene
 Concen: 41.84 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion:	237	Resp:	54875
Ion Ratio	Lower	Upper	
237	100		
235	63.3	40.4	80.4
272	12.7	0.0	33.2

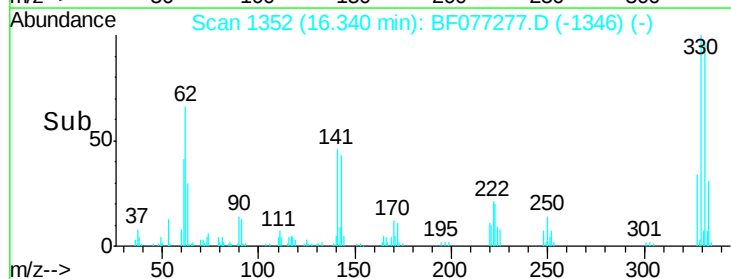
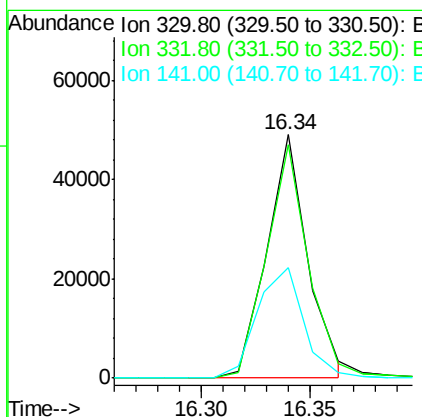
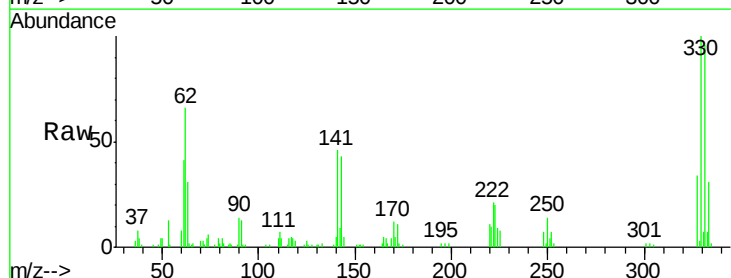
Manual Integrations
 APPROVED

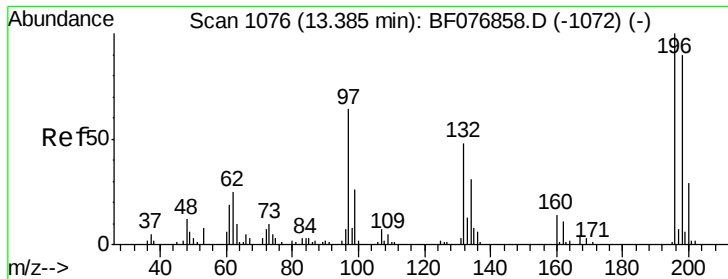
apatel
 2/12/2015 4:15:34 PM



#41
 2,4,6-Tribromophenol
 Concen: 76.19 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion:	330	Resp:	64524
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.8	116.6
141	51.1	38.5	57.7





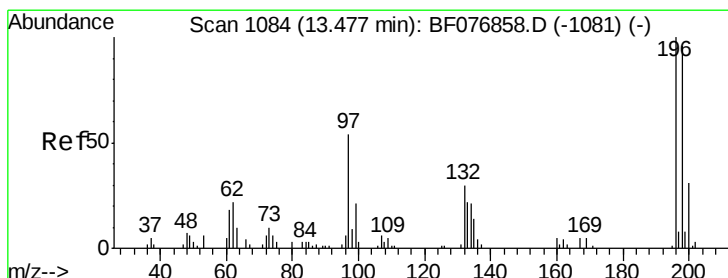
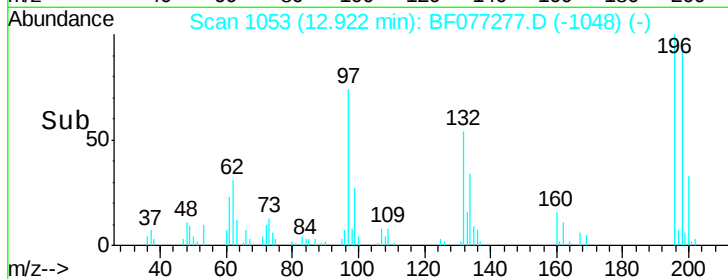
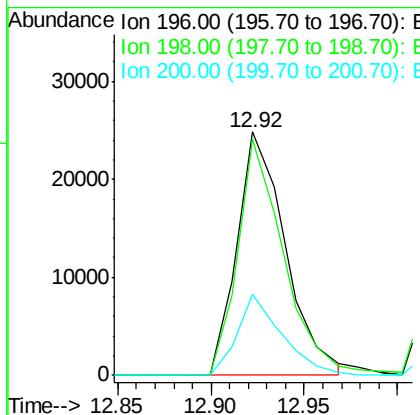
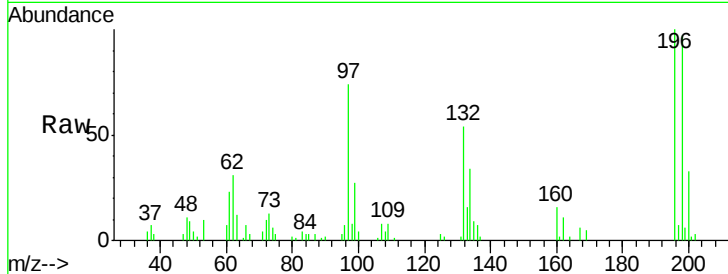
#42
2,4,6-Trichlorophenol
Concen: 23.84 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	44796		
198	97.0	72.0	108.0	
200	33.3	23.4	35.2	

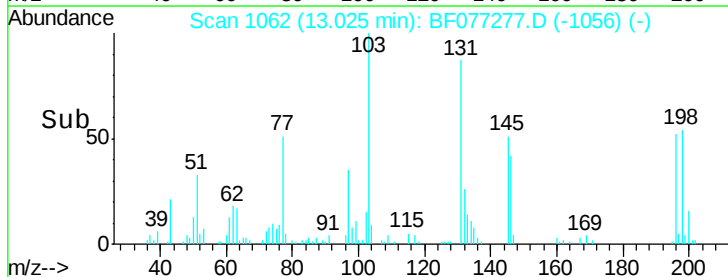
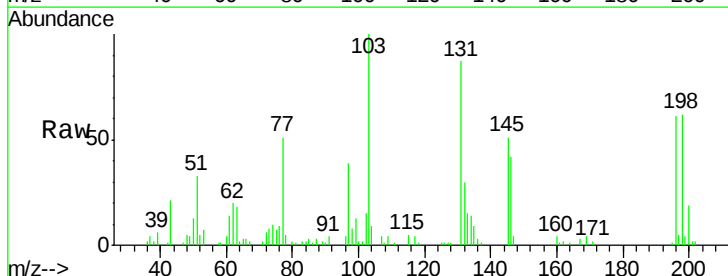
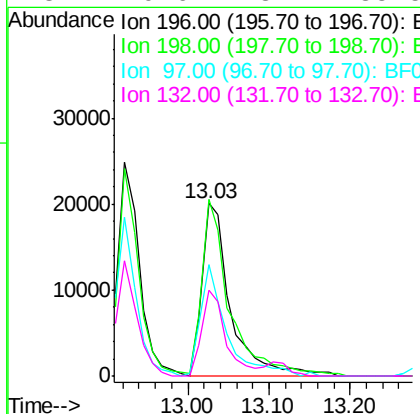
Manual Integrations
APPROVED

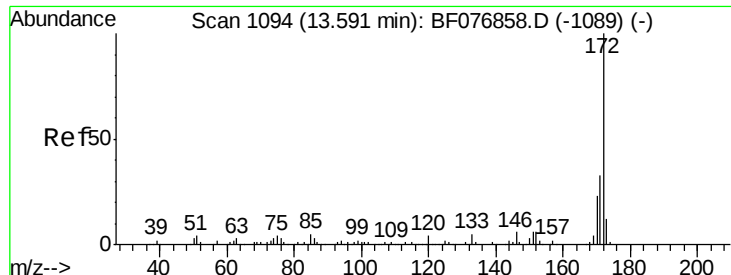
apatel
2/12/2015 4:15:34 PM



#43
2,4,5-Trichlorophenol
Concen: 25.60 ng m
RT: 13.03 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49065		
198	102.7	76.6	115.0	
97	64.4	43.4	65.0	
132	49.6	23.7	35.5	





#44

2-Fluorobiphenyl

Concen: 55.09 ng

RT: 13.12 min Scan# 1070

Delta R.T. -0.05 min

Lab File: BF077277.D

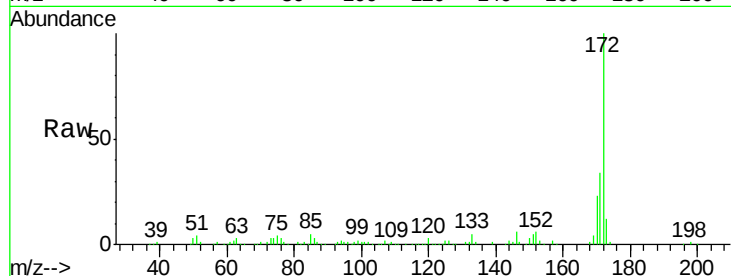
Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

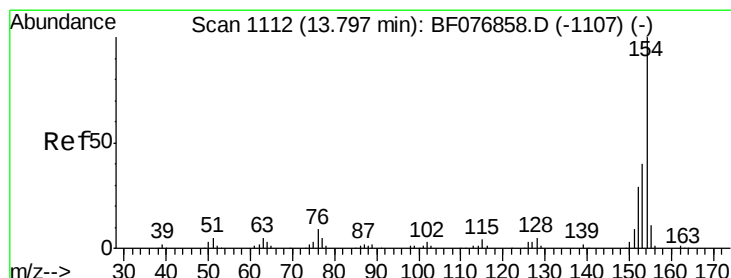
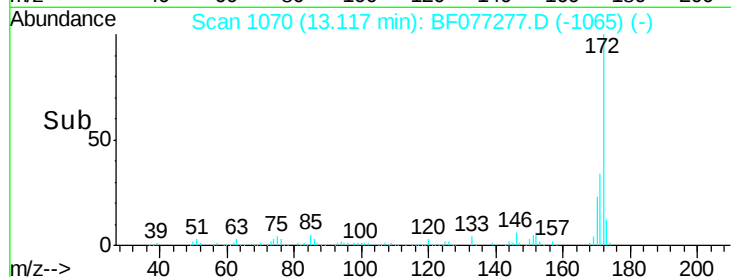
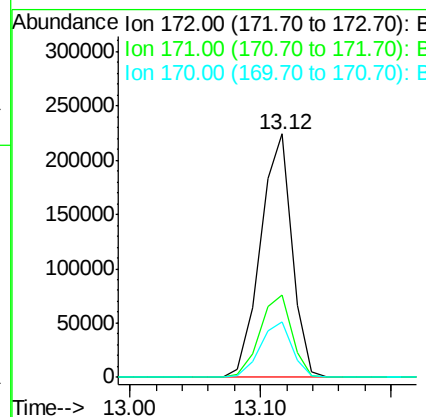
UB9BMSD



Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.6	40.0
170	22.8	18.0	27.0

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#45

1,1'-Biphenyl

Concen: 26.09 ng

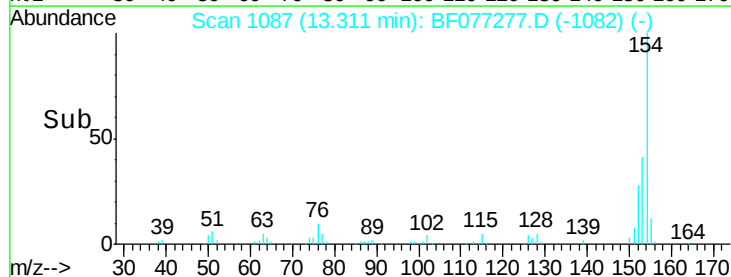
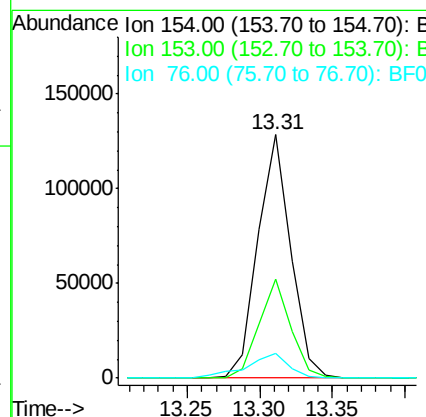
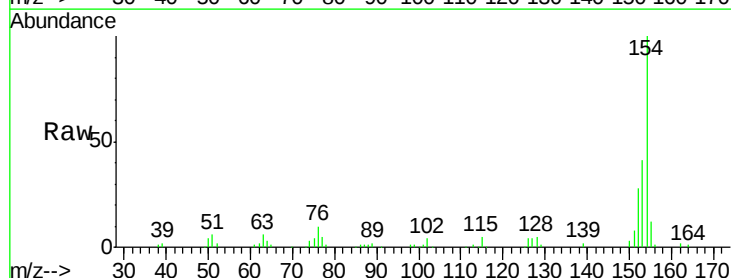
RT: 13.31 min Scan# 1087

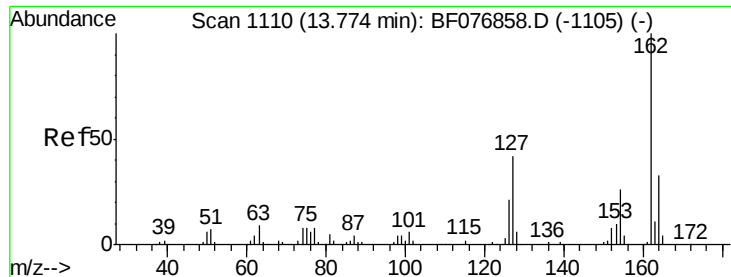
Delta R.T. -0.05 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	10.3	0.0	29.0





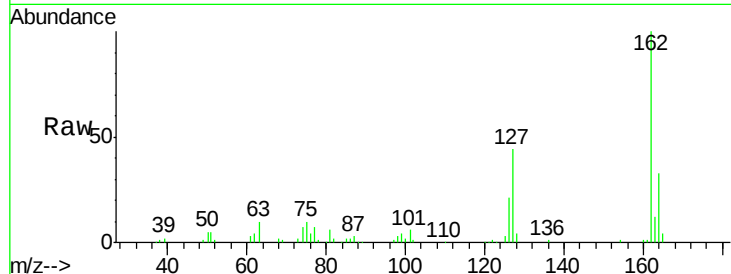
#46
2-Chloronaphthalene
Concen: 25.11 ng
RT: 13.28 min Scan# 1084
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

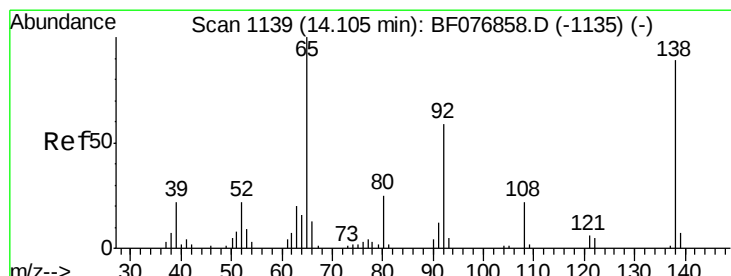
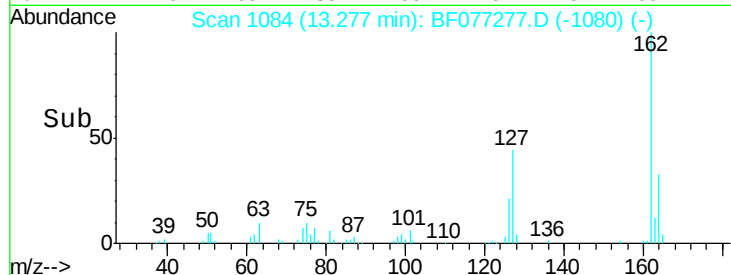
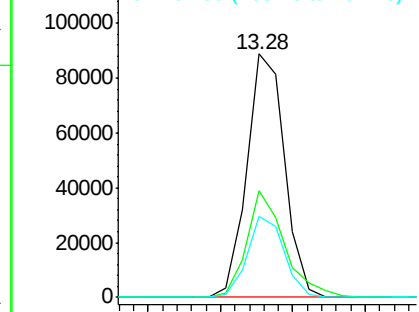
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	159823		
127	43.9	33.8	50.6	
164	33.2	26.8	40.2	

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM

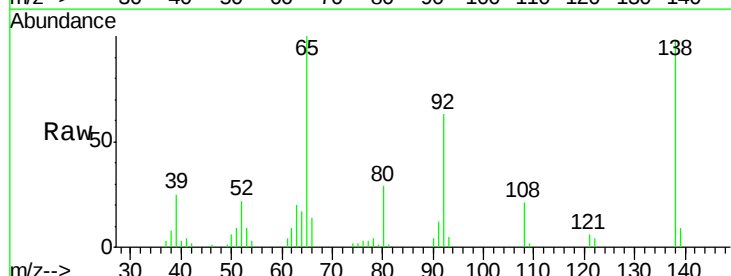


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

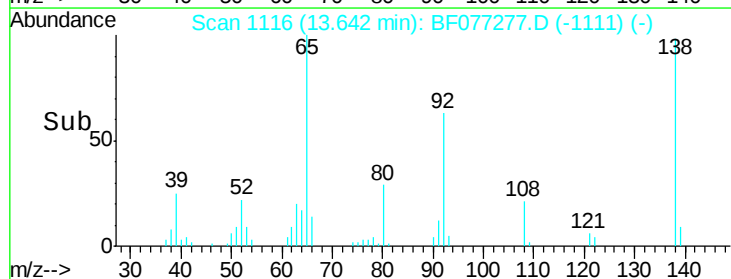
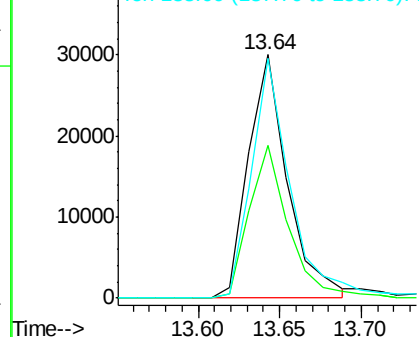


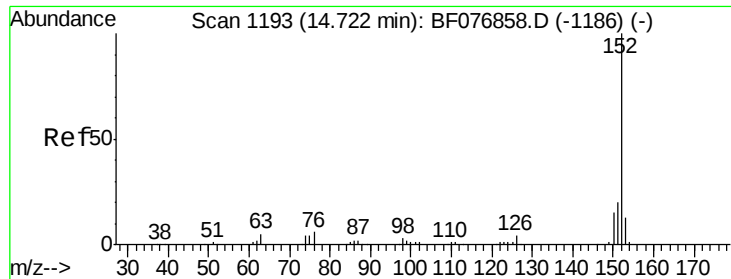
#47
2-Nitroaniline
Concen: 25.85 ng
RT: 13.64 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	49918		
92	62.5	47.3	70.9	
138	98.5	71.4	107.2	



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





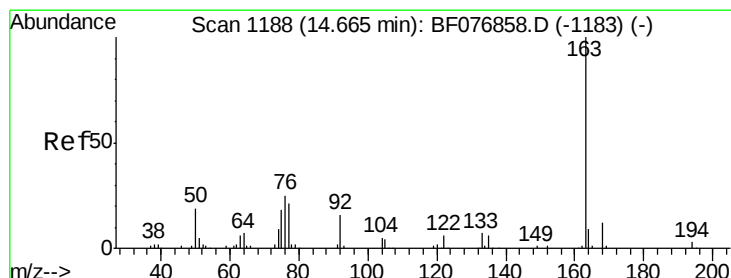
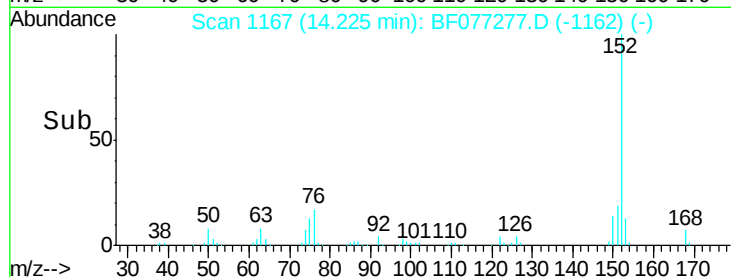
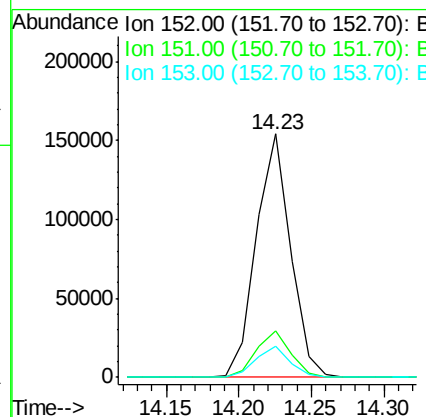
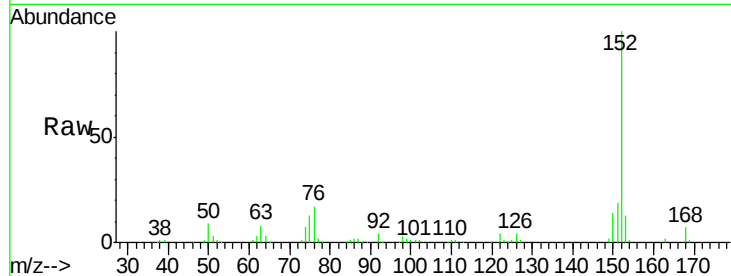
#48
Acenaphthylene
Concen: 23.62 ng
RT: 14.23 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	253612		
151	19.3	15.9	23.9	
153	13.0	10.2	15.4	

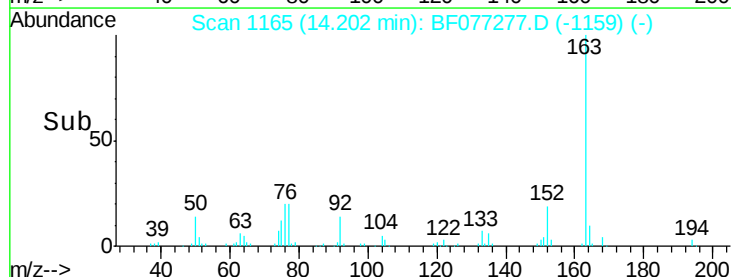
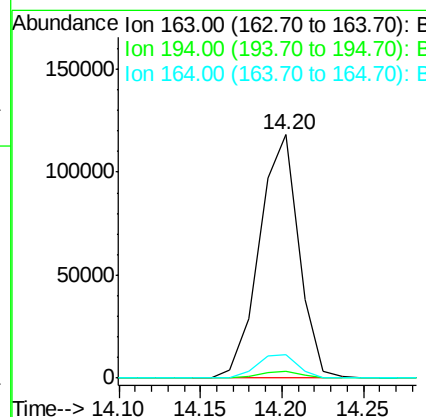
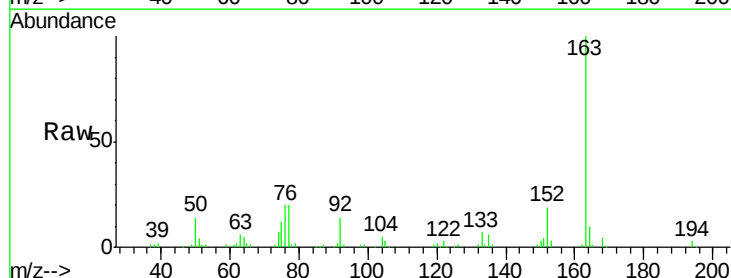
Manual Integrations
APPROVED

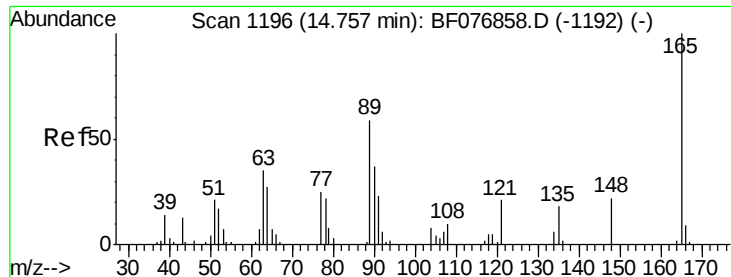
apatel
2/12/2015 4:15:34 PM



#49
Dimethylphthalate
Concen: 26.92 ng
RT: 14.20 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	199147		
194	3.0	2.6	4.0	
164	9.6	7.5	11.3	





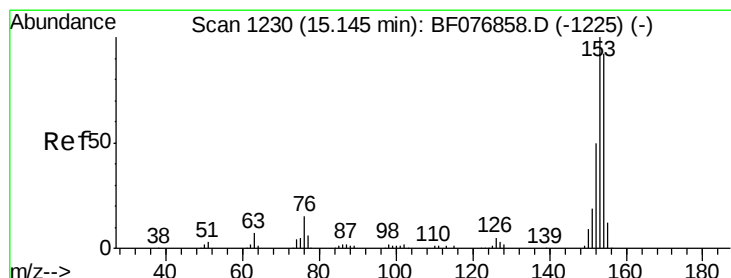
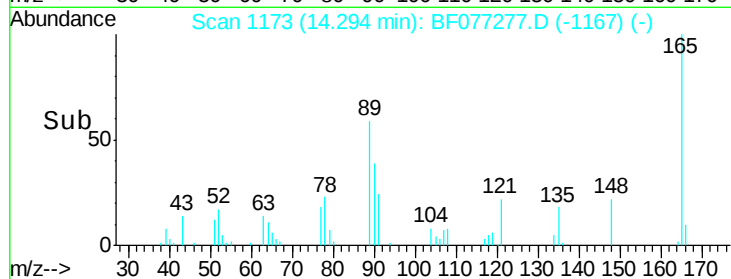
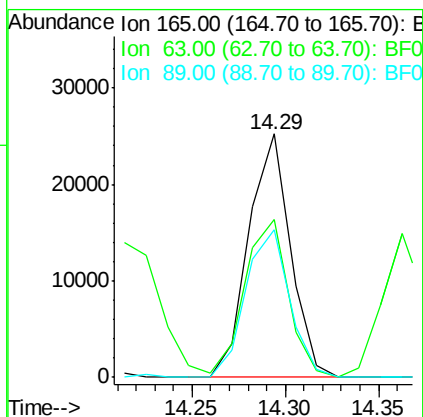
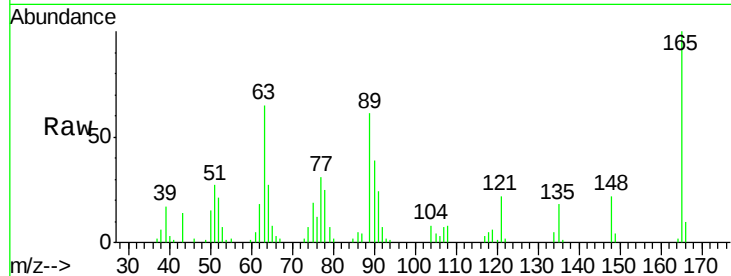
#50
2,6-Dinitrotoluene
Concen: 26.48 ng
RT: 14.29 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.6	48.1	72.1
89	60.7	47.2	70.8

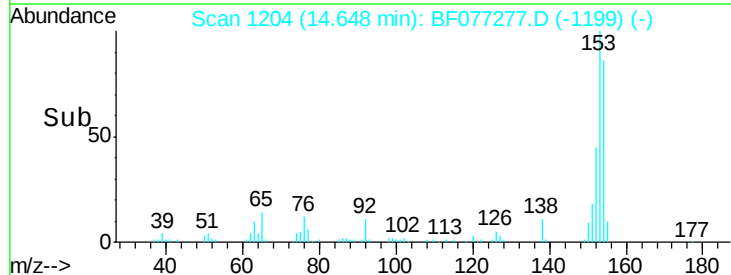
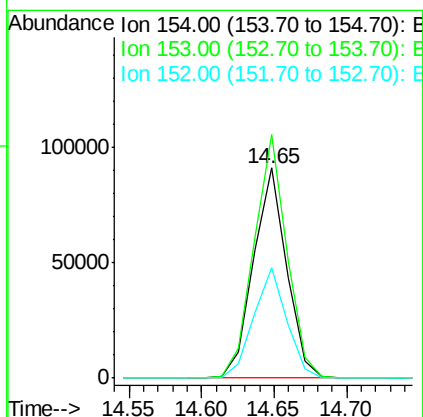
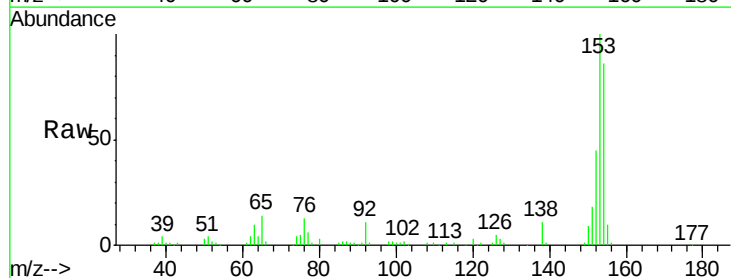
Manual Integrations
APPROVED

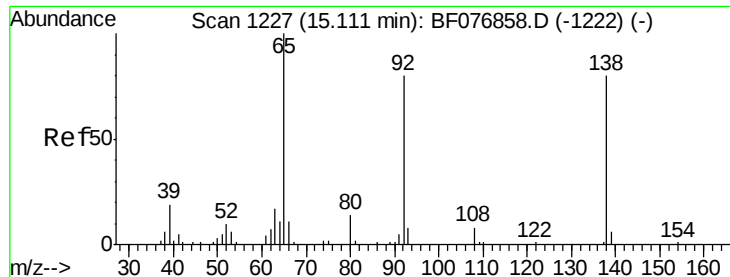
apatel
2/12/2015 4:15:34 PM



#51
Acenaphthene
Concen: 23.59 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	116.1	87.0	130.6
152	52.7	43.5	65.3





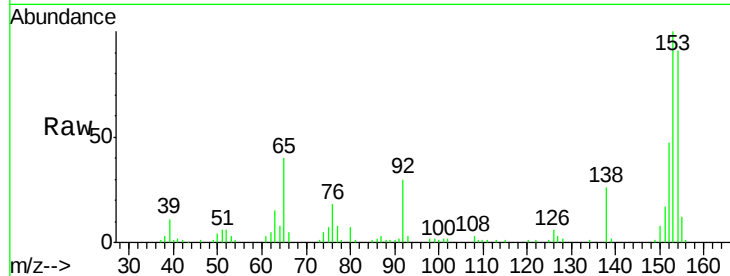
#52
 3-Nitroaniline
 Concen: 15.58 ng
 RT: 14.64 min Scan# 1203
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampled :
 UB9BMSD

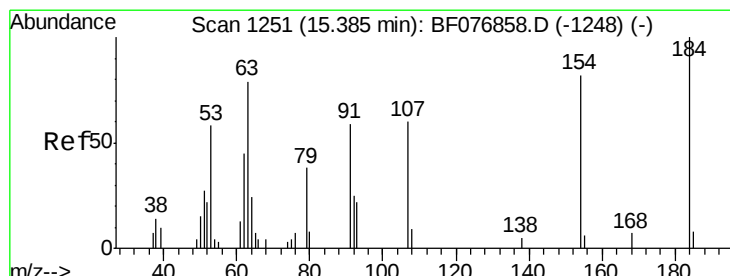
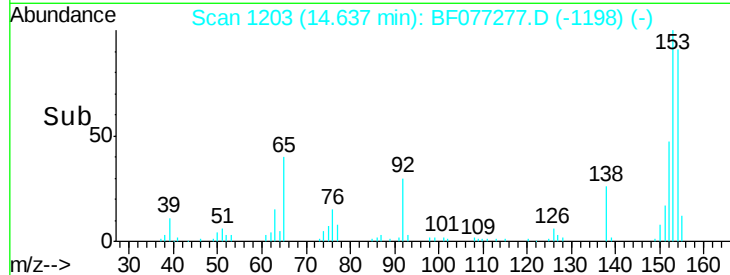
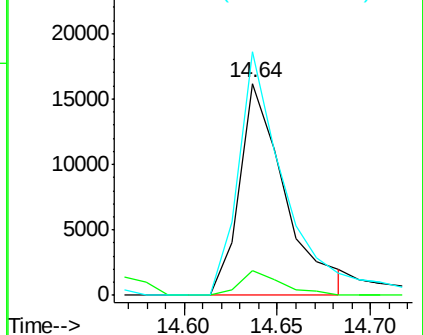
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	27615		
108	11.9	8.3	12.5	
92	115.0	80.9	121.3	

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:15:34 PM



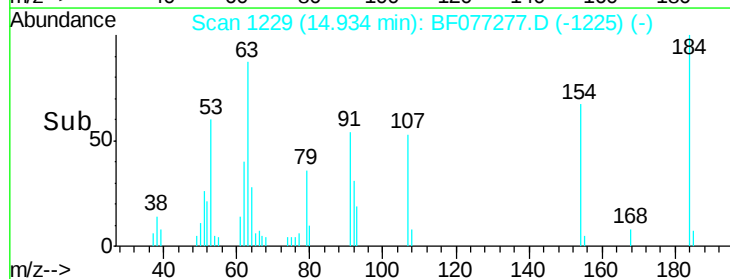
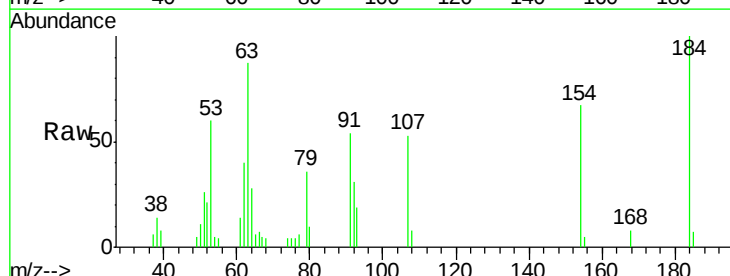
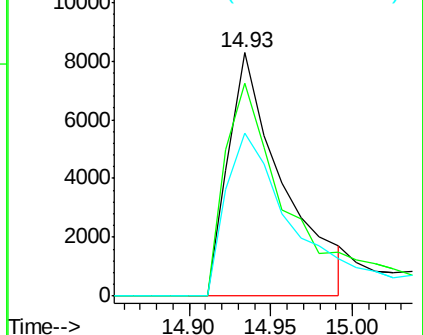
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

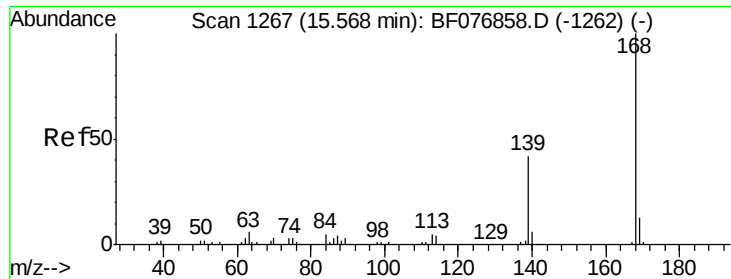


#53
 2,4-Dinitrophenol
 Concen: 35.58 ng
 RT: 14.93 min Scan# 1229
 Delta R.T. -0.06 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	19377		
63	87.2	63.0	94.6	
154	66.9	65.5	98.3	

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





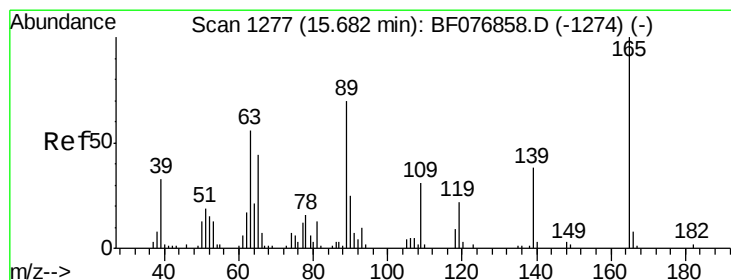
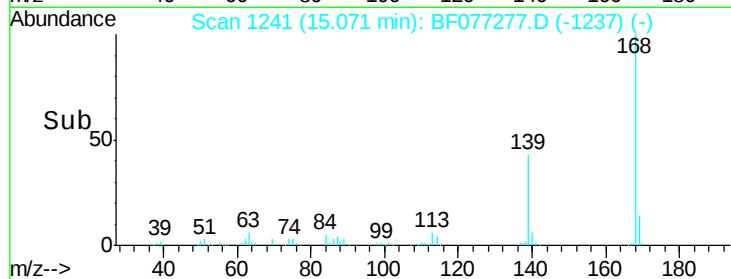
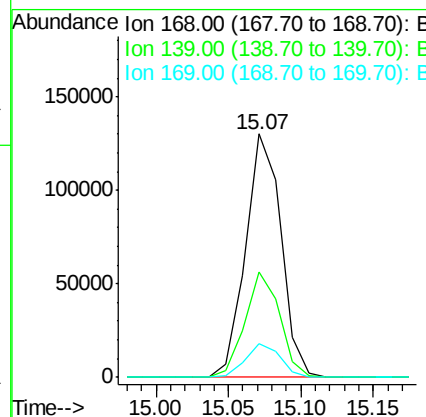
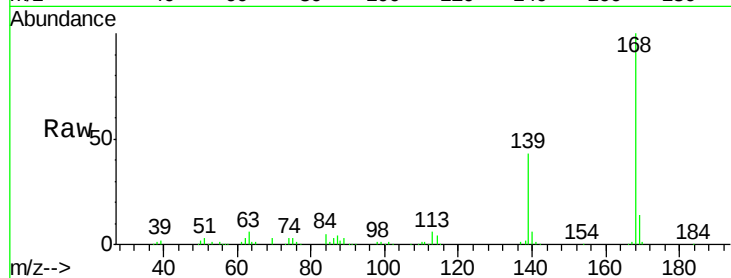
#54
Dibenzenofuran
Concen: 24.84 ng
RT: 15.07 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.3	33.4	50.2
169	13.7	10.6	15.8

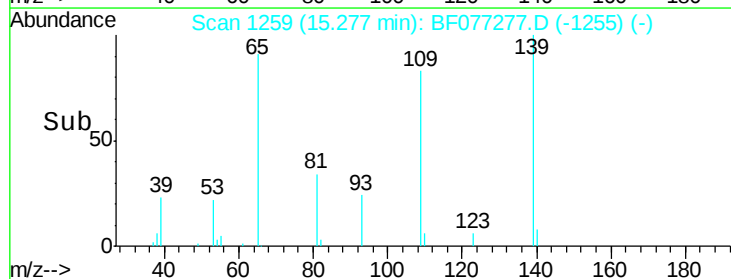
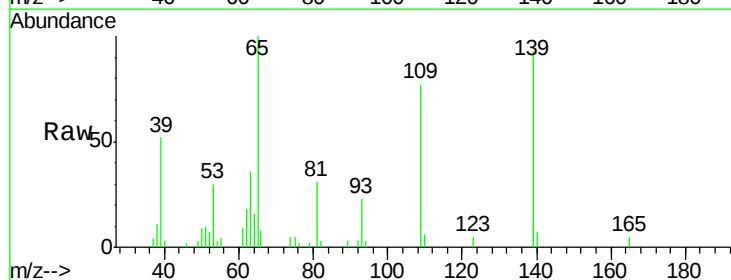
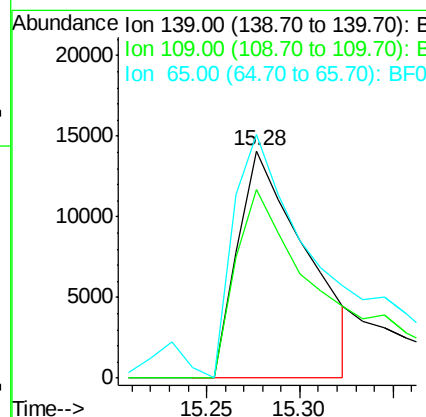
Manual Integrations
APPROVED

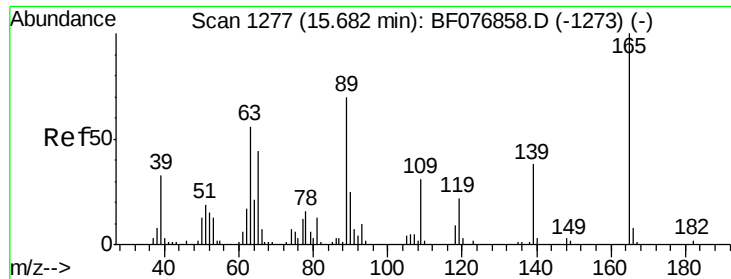
apatel
2/12/2015 4:15:34 PM



#55
4-Nitrophenol
Concen: 31.08 ng
RT: 15.28 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.7	61.0	101.0
65	107.0	96.6	136.6





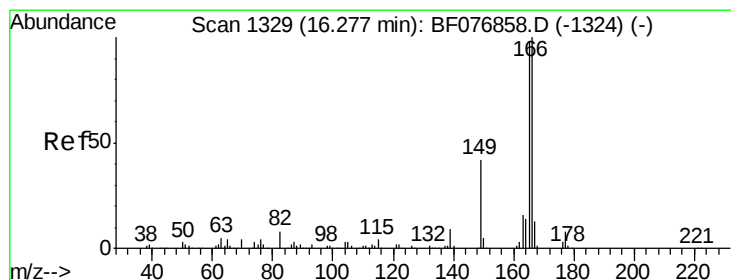
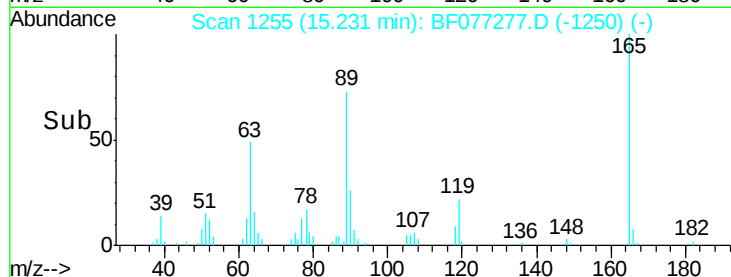
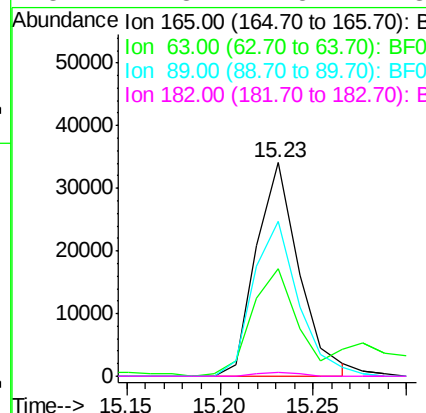
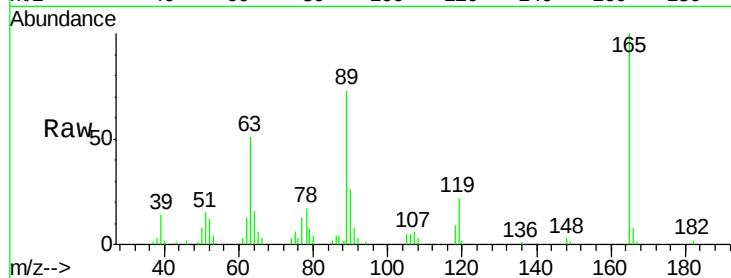
#56
2,4-Dinitrotoluene
Concen: 25.65 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54565		
63	50.6	44.8	67.2	
89	72.8	56.2	84.2	
182	1.8	1.5	2.3	

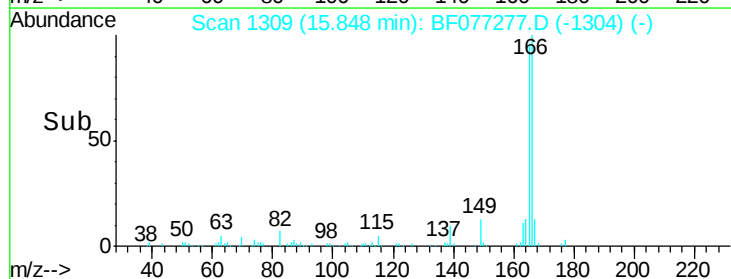
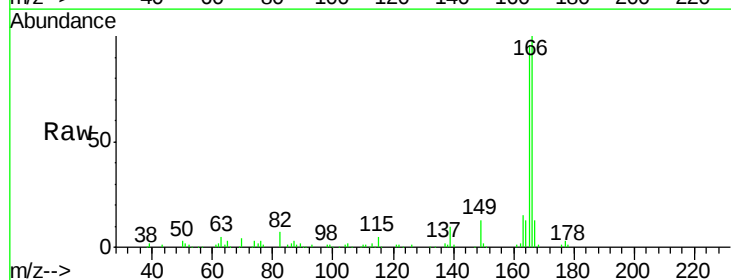
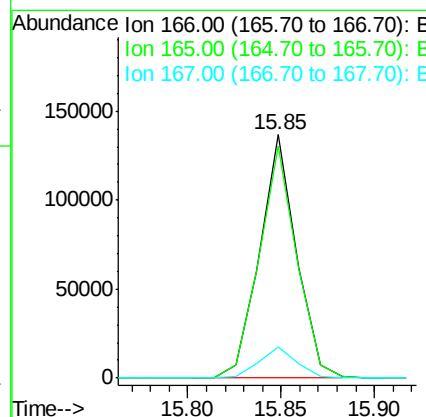
Manual Integrations
APPROVED

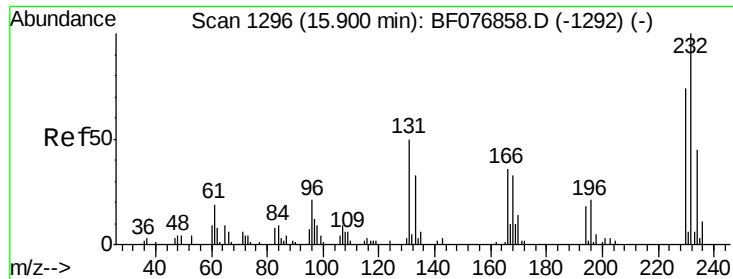
apatel
2/12/2015 4:15:34 PM



#57
Fluorene
Concen: 24.97 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	187720		
165	95.5	78.5	117.7	
167	13.0	10.4	15.6	





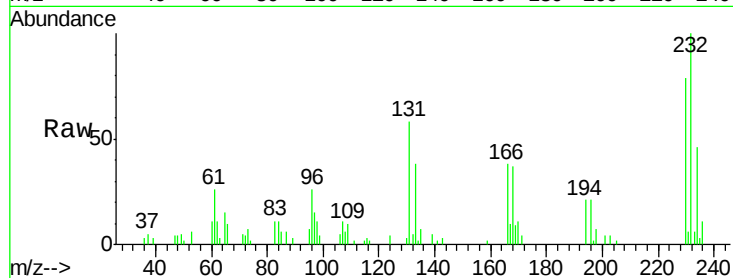
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.51 ng
 RT: 15.45 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

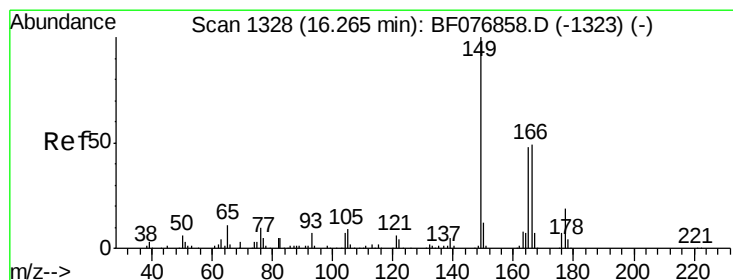
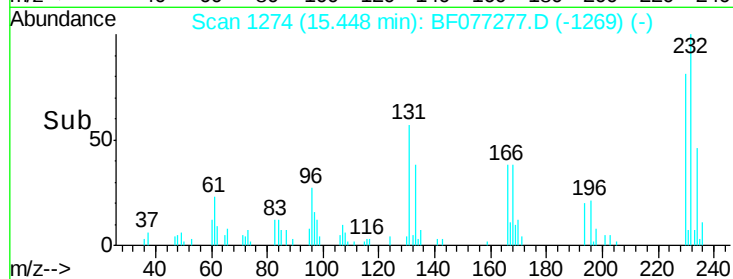
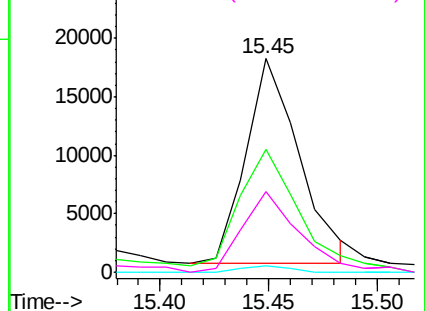
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	30022		
131	59.6	45.0	67.6	
130	2.9	2.6	3.8	
166	41.2	30.9	46.3	

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:15:34 PM

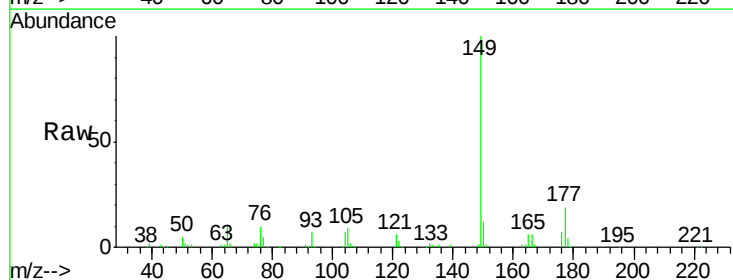


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

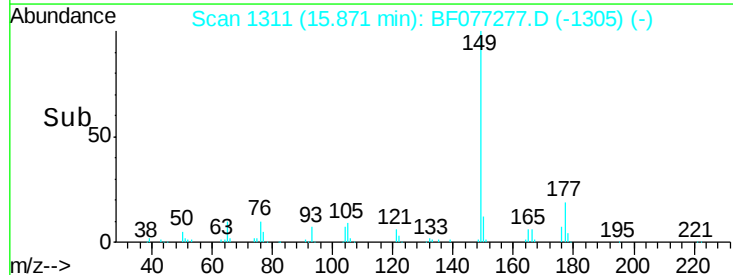
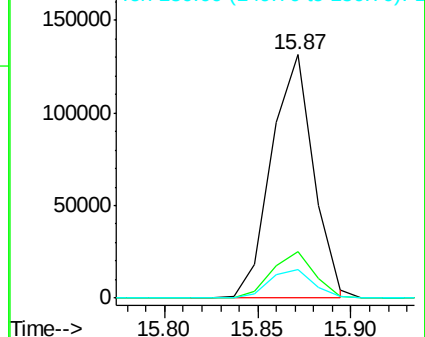


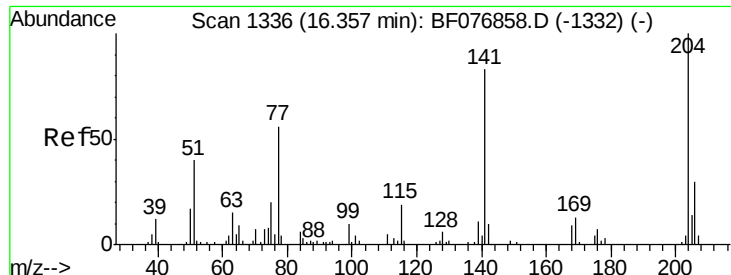
#59
 Diethylphthalate
 Concen: 27.56 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	206104		
177	18.9	15.0	22.6	
150	11.9	9.4	14.0	



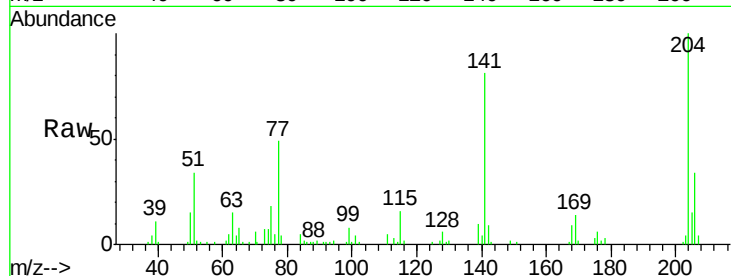
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60
4-Chlorophenyl-phenylether
Concen: 26.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

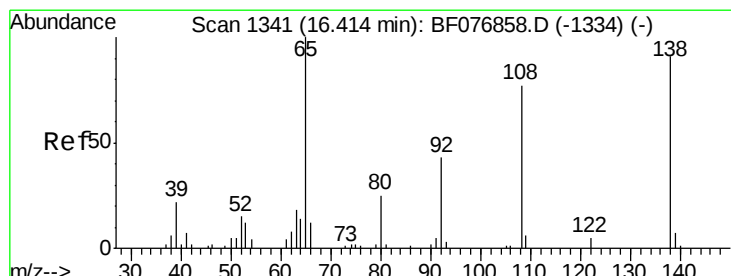
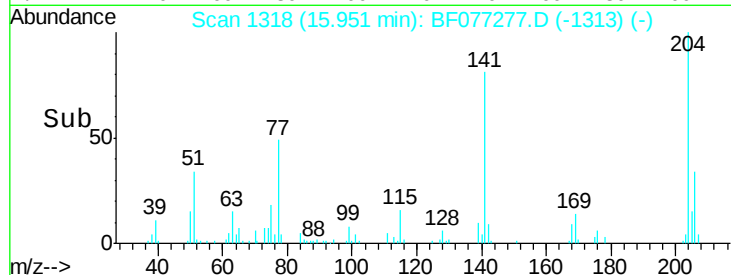
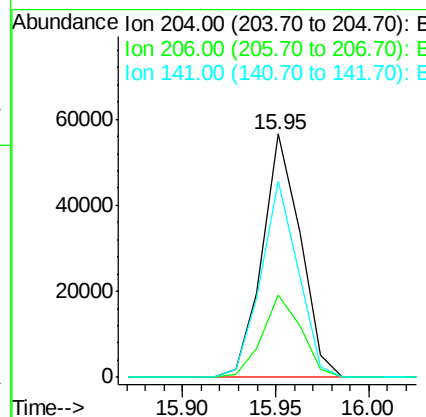
Instrument :
BNA_F
ClientSampleId :
UB9BMSD



Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	24.2	36.2
141	80.6	66.7	100.1

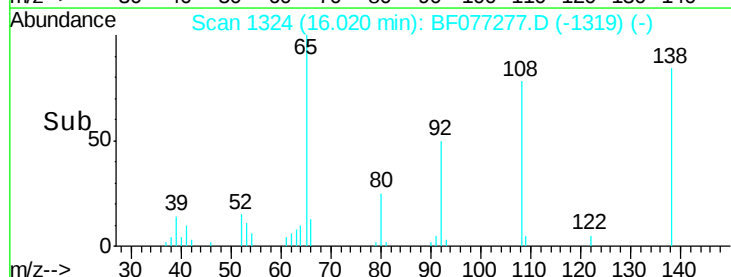
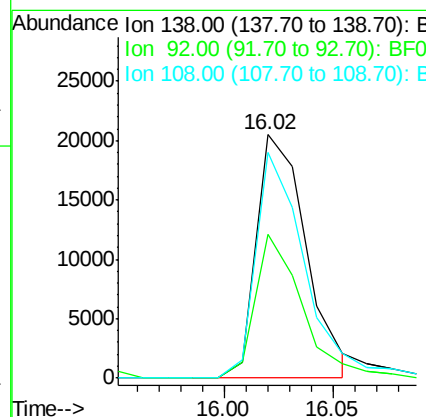
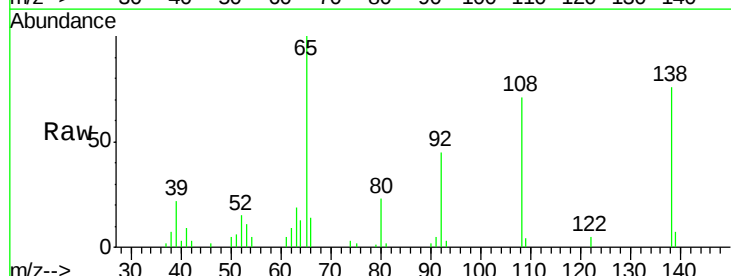
Manual Integrations
APPROVED

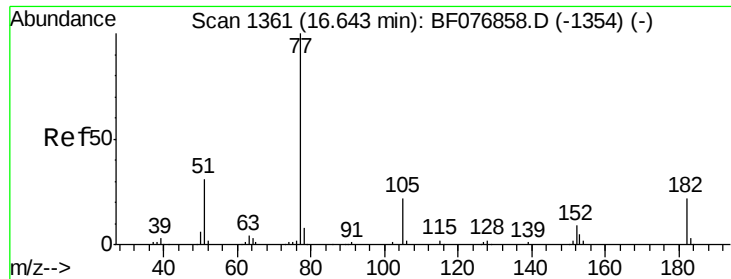
apatel
2/12/2015 4:15:34 PM



#61
4-Nitroaniline
Concen: 18.48 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.2	26.7	66.7
108	92.7	64.5	104.5





#62

Azobenzene

Concen: 26.66 ng

RT: 16.25 min Scan# 1344

Delta R.T. -0.05 min

Lab File: BF077277.D

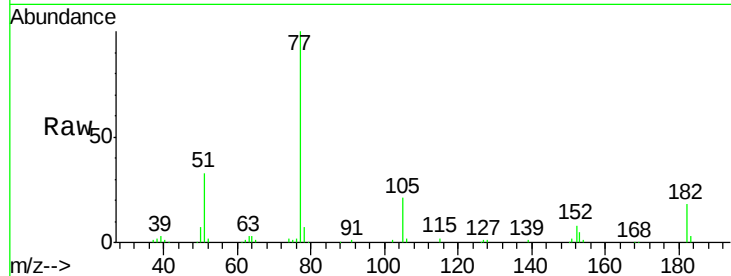
Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

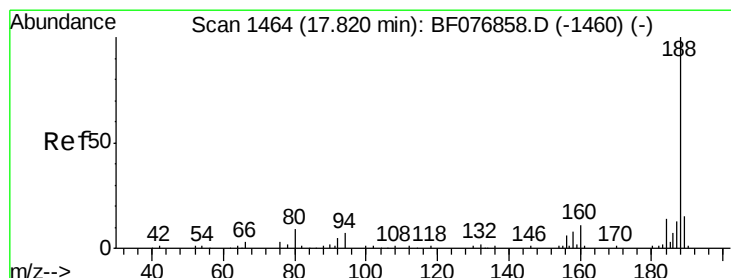
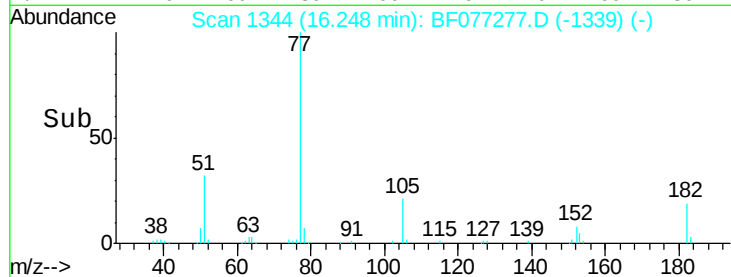
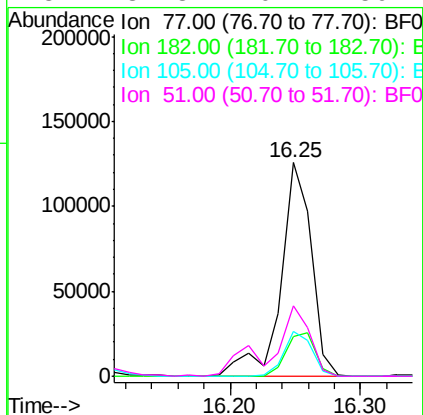
UB9BMSD



Tgt Ion	Ratio	Resp	Lower	Upper
77	100	207730		
182	18.4	2.0	42.0	
105	21.2	2.3	42.3	
51	32.8	10.7	50.7	

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

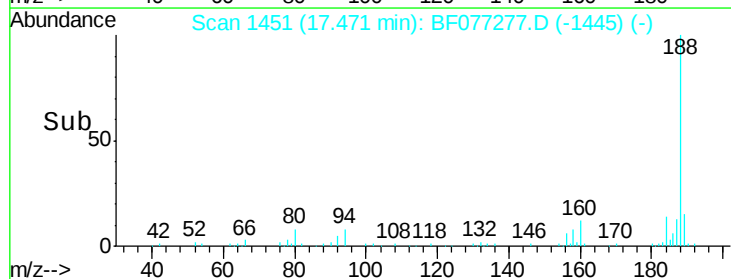
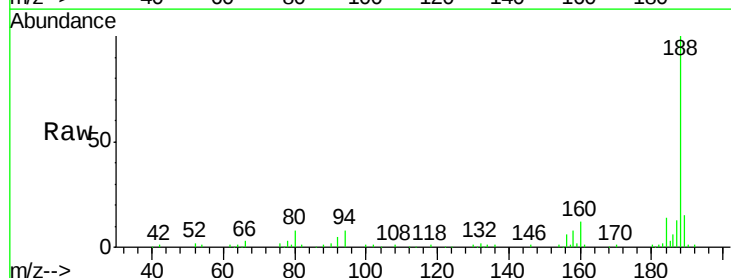
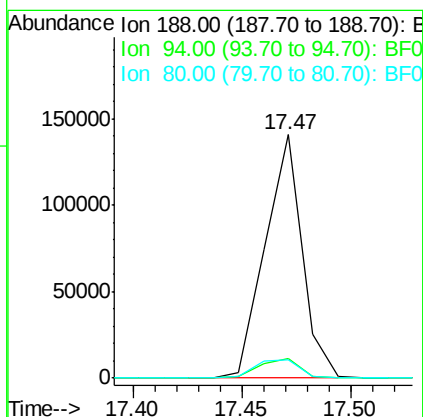
RT: 17.47 min Scan# 1451

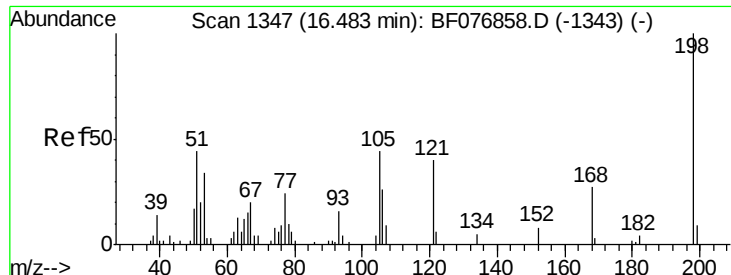
Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	168200		
94	7.9	6.0	9.0	
80	7.7	6.9	10.3	





#64

4,6-Dinitro-2-methylphenol

Concen: 20.11 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BF077277.D

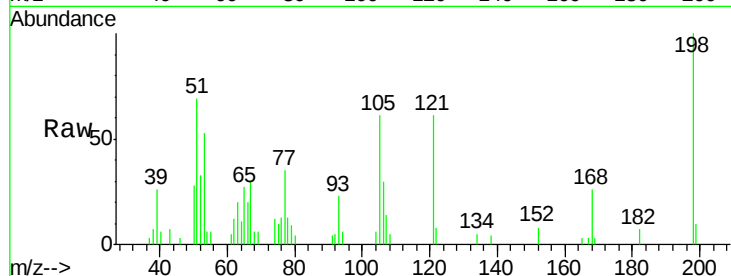
Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

ClientSampleId :

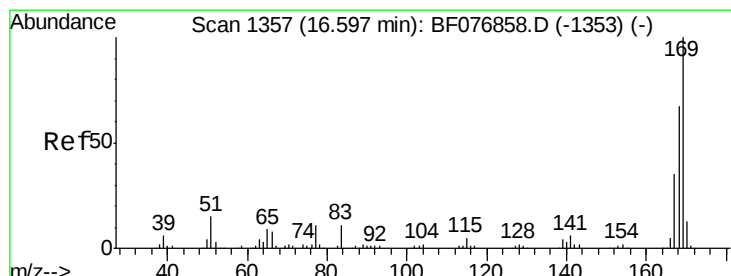
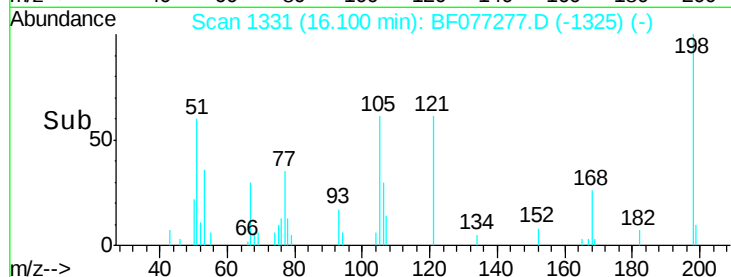
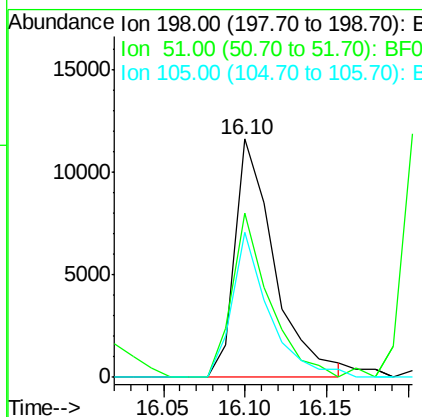
UB9BMSD



Tgt Ion:	198	Resp:	19505
Ion Ratio	Lower	Upper	
198	100		
51	69.1	24.2	64.2#
105	61.0	24.0	64.0

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#65

n-Nitrosodiphenylamine

Concen: 25.93 ng

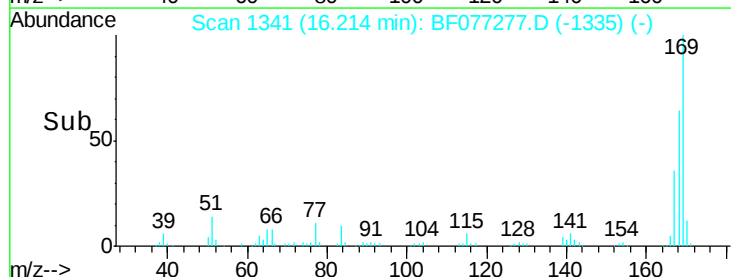
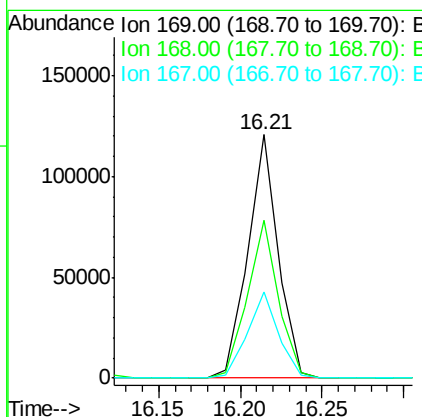
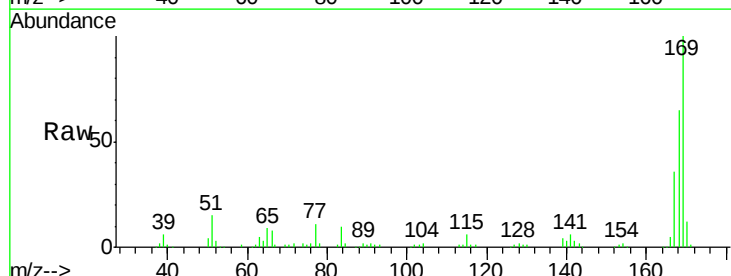
RT: 16.21 min Scan# 1341

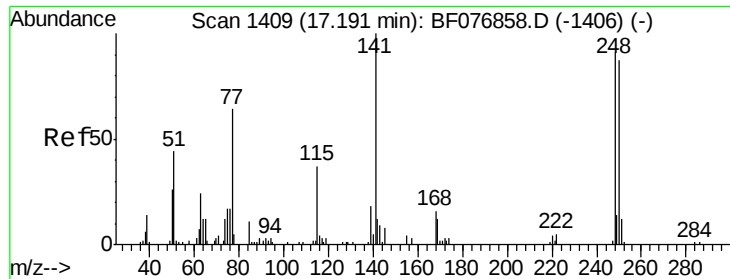
Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	169	Resp:	155494
Ion Ratio	Lower	Upper	
169	100		
168	64.6	53.8	80.6
167	35.7	27.8	41.6





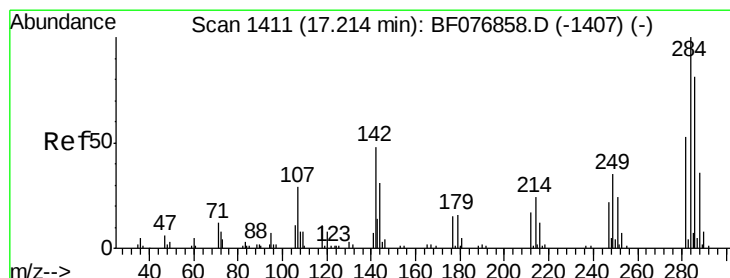
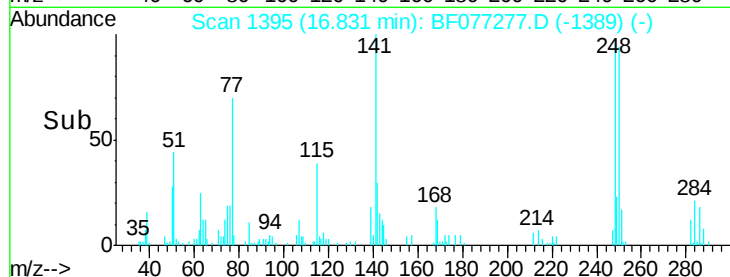
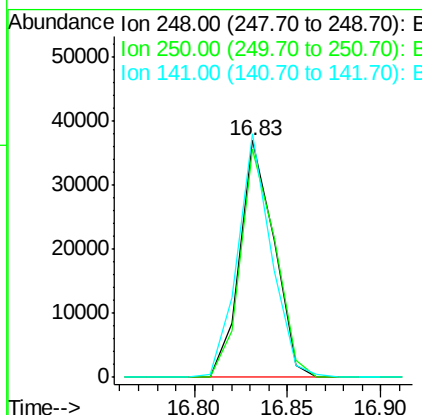
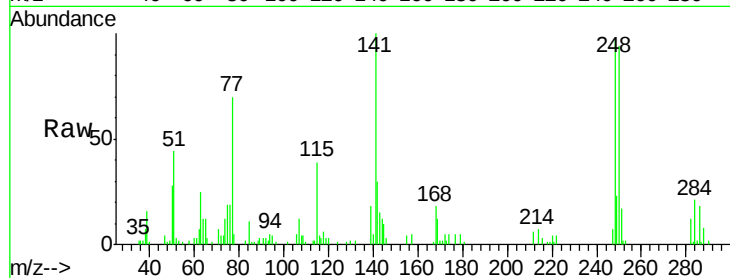
#66
4-Bromophenyl-phenylether
Concen: 27.73 ng
RT: 16.83 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	102.7	88.2	132.4

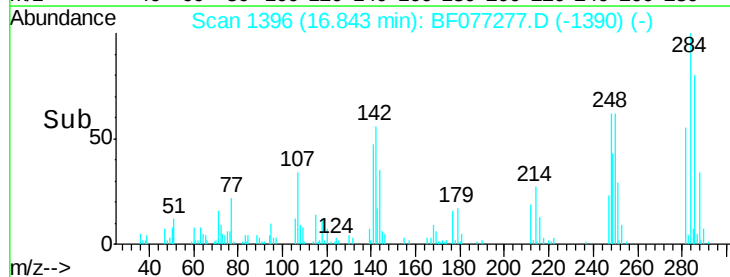
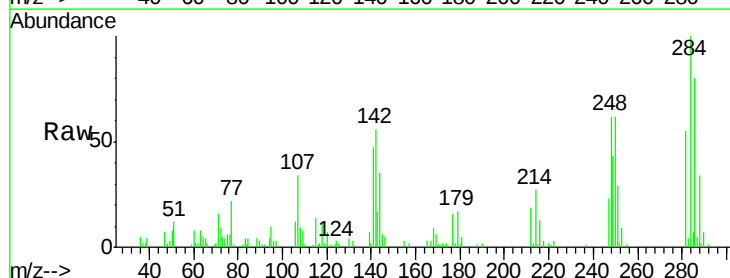
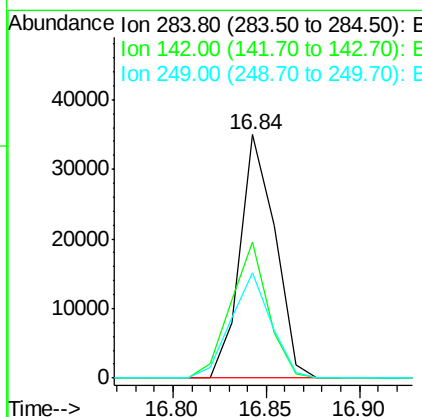
Manual Integrations
APPROVED

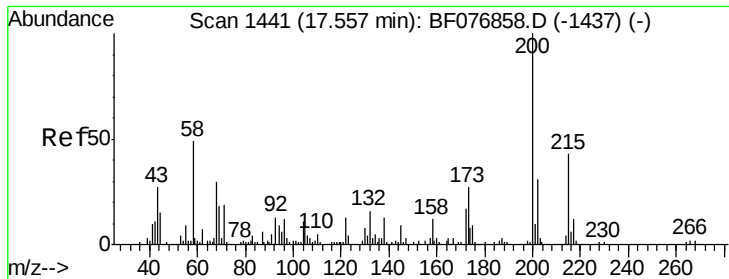
apatel
2/12/2015 4:15:34 PM



#67
Hexachlorobenzene
Concen: 25.47 ng
RT: 16.84 min Scan# 1396
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	55.7	38.2	57.4
249	43.3	28.2	42.2#





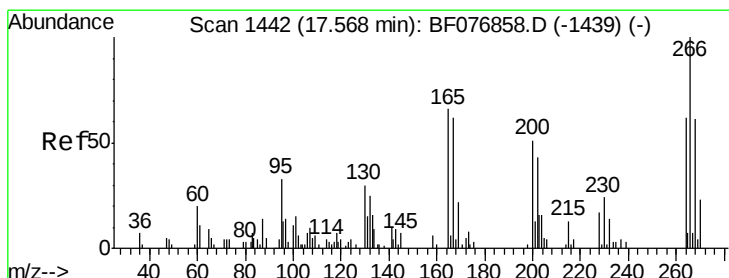
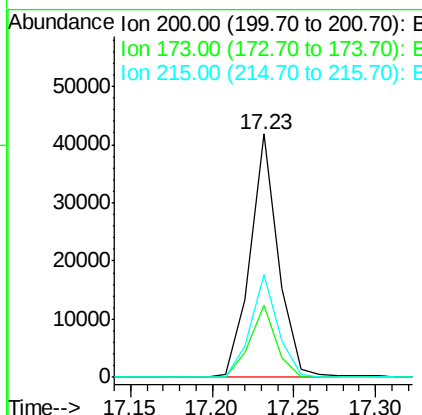
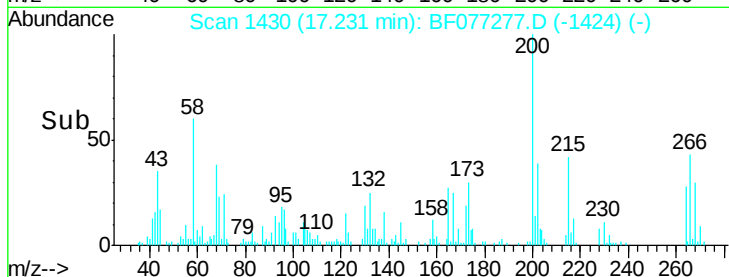
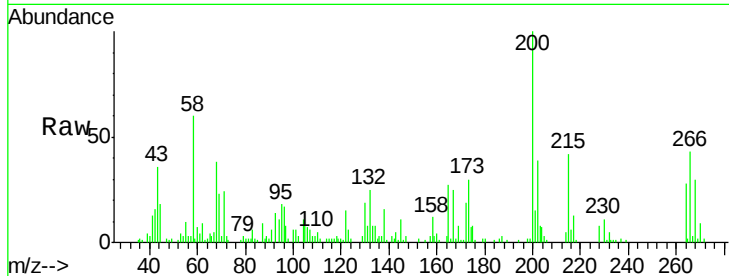
#68
Atrazine
Concen: 27.64 ng
RT: 17.23 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.5	6.6	46.6
215	42.0	22.9	62.9

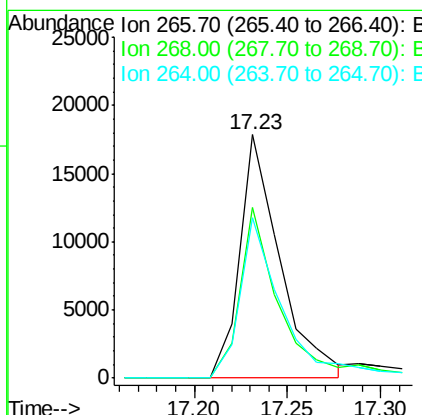
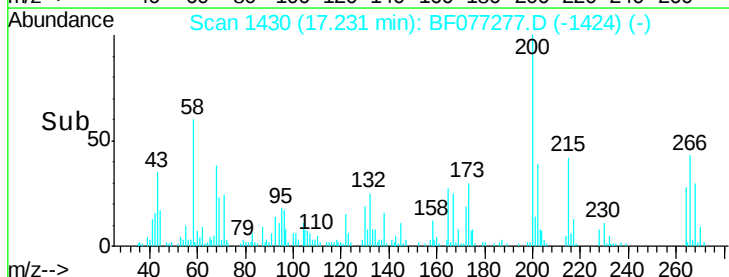
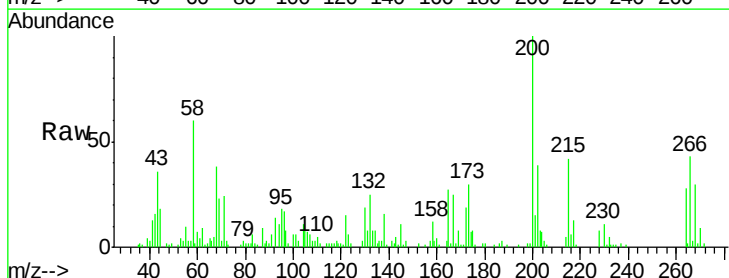
Manual Integrations
APPROVED

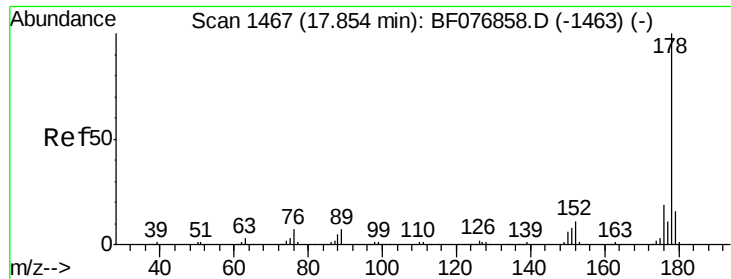
apatel
2/12/2015 4:15:34 PM



#69
Pentachlorophenol
Concen: 36.67 ng
RT: 17.23 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	70.2	48.6	72.8
264	65.6	49.5	74.3





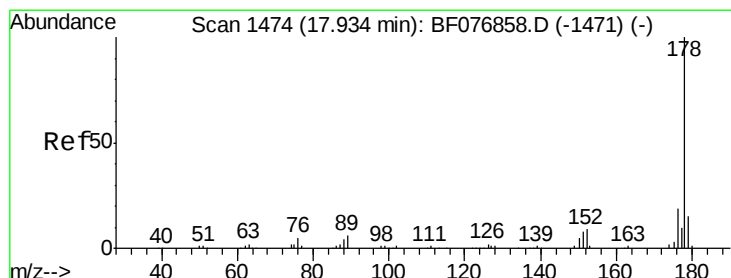
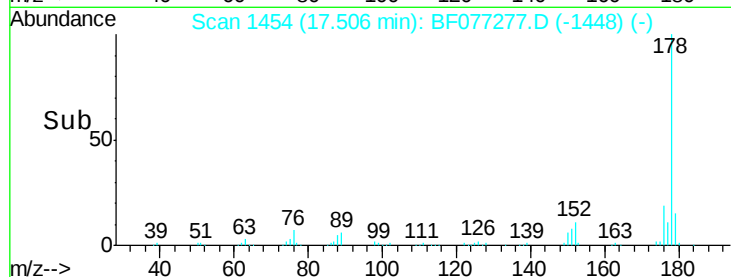
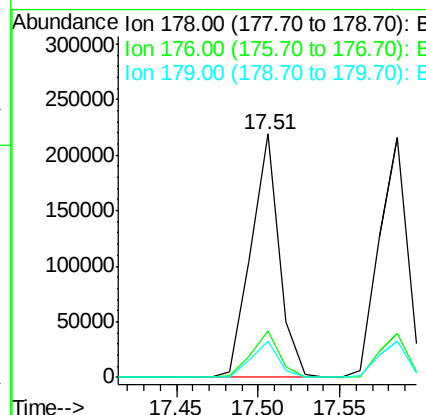
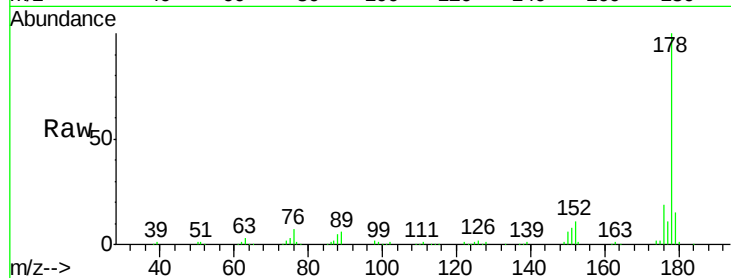
#70
 Phenanthrene
 Concen: 24.92 ng
 RT: 17.51 min Scan# 1454
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampled :
 UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	261388		
176	18.8	15.1	22.7	
179	15.0	12.7	19.1	

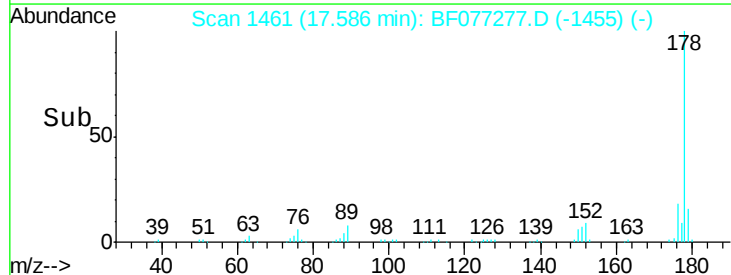
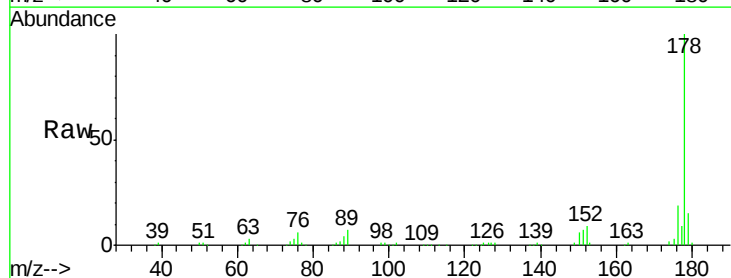
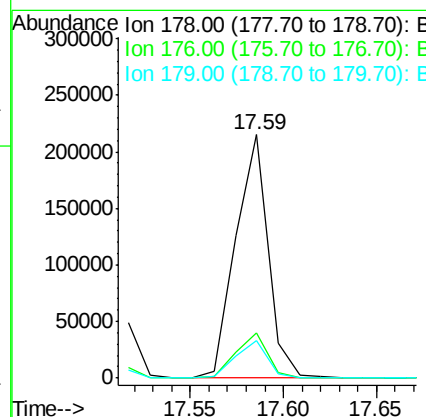
Manual Integrations
 APPROVED

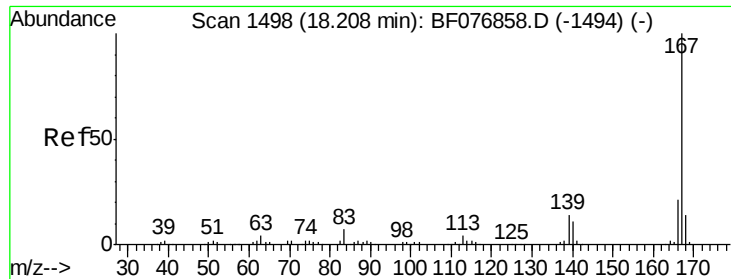
apatel
 2/12/2015 4:15:34 PM



#71
 Anthracene
 Concen: 25.67 ng
 RT: 17.59 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	262598		
176	18.6	15.4	23.0	
179	15.2	11.9	17.9	





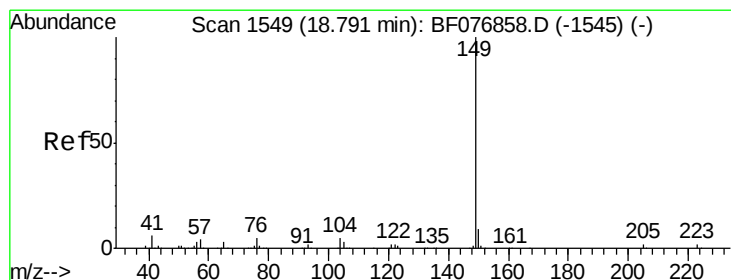
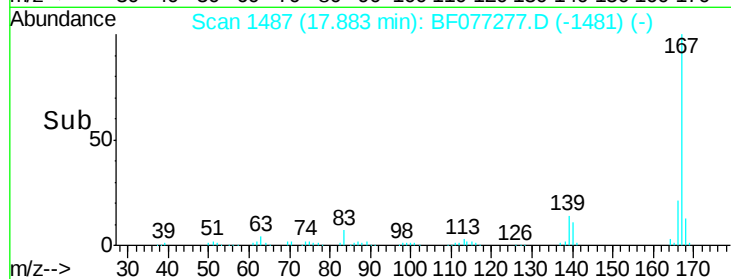
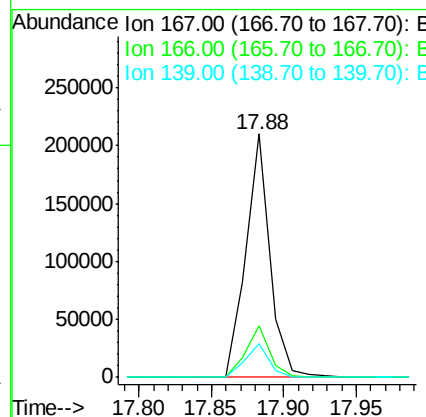
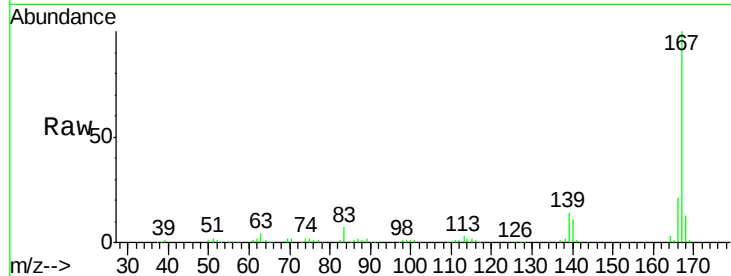
#72
 Carbazole
 Concen: 24.45 ng
 RT: 17.88 min Scan# 1487
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	21.3	17.0	25.6
139	13.6	11.3	16.9

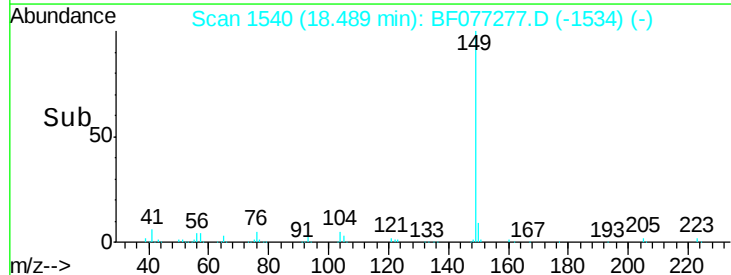
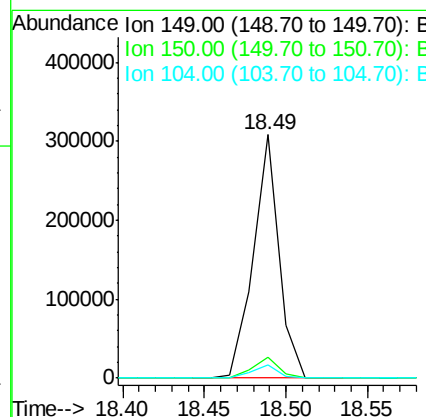
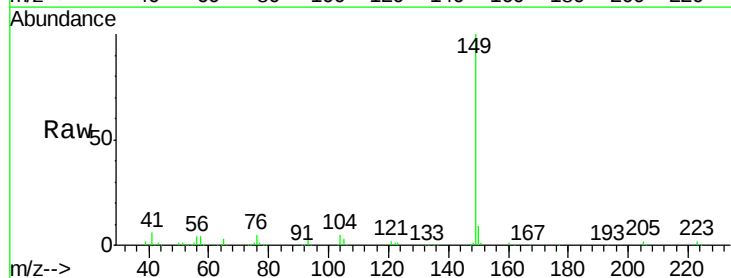
Manual Integrations
 APPROVED

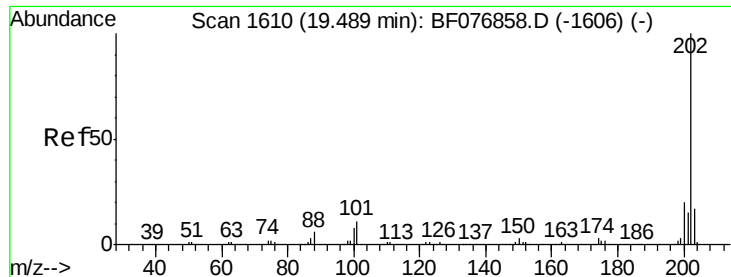
apatel
 2/12/2015 4:15:34 PM



#73
 Di-n-butylphthalate
 Concen: 29.22 ng
 RT: 18.49 min Scan# 1540
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.6	6.9	10.3
104	5.3	3.7	5.5





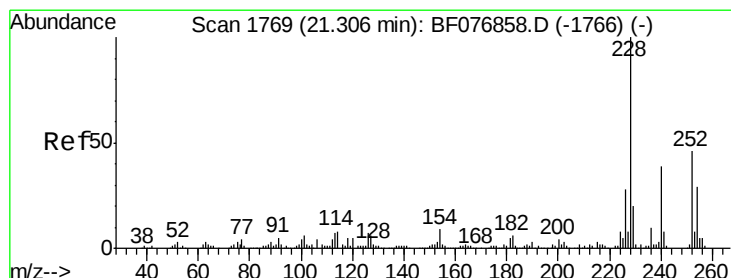
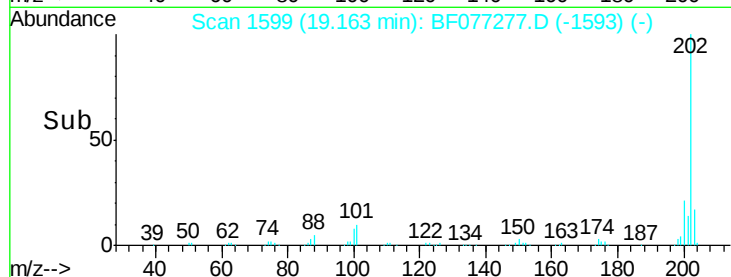
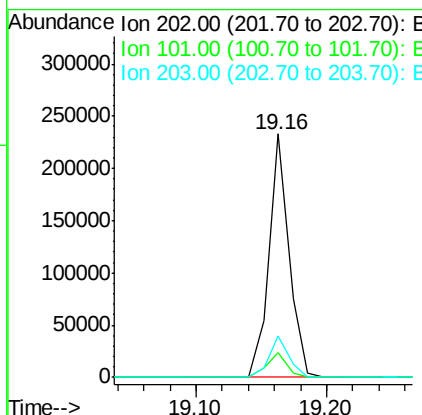
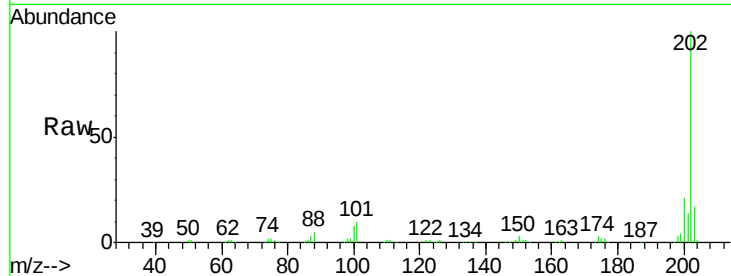
#74
 Fluoranthene
 Concen: 23.56 ng
 RT: 19.16 min Scan# 1599
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	0.0	30.7
203	16.9	0.0	36.9

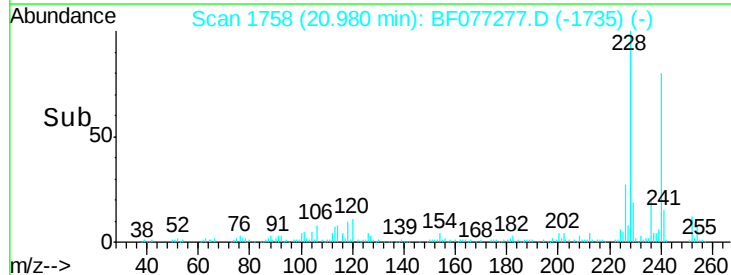
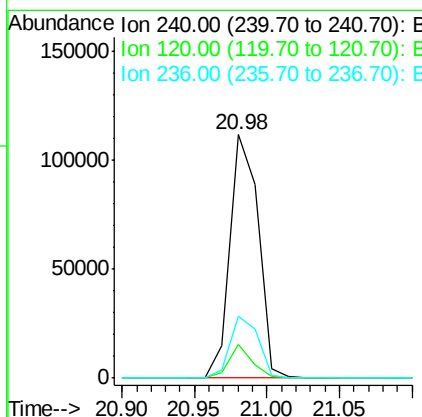
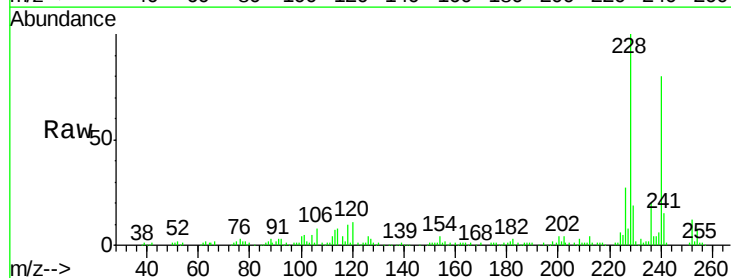
Manual Integrations
 APPROVED

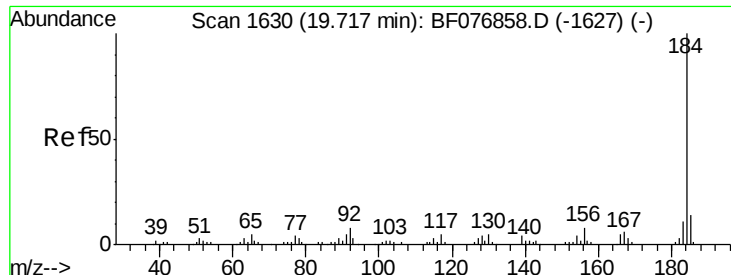
apatel
 2/12/2015 4:15:34 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.98 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.6	10.4	15.6
236	25.3	20.2	30.2





#76

Benzidine

Concen: 20.75 ng

RT: 19.41 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

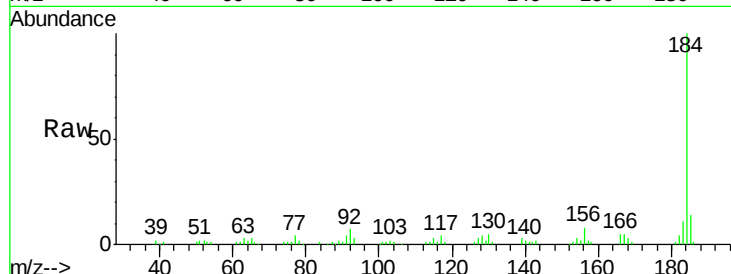
ClientSampleId :

UB9BMSD

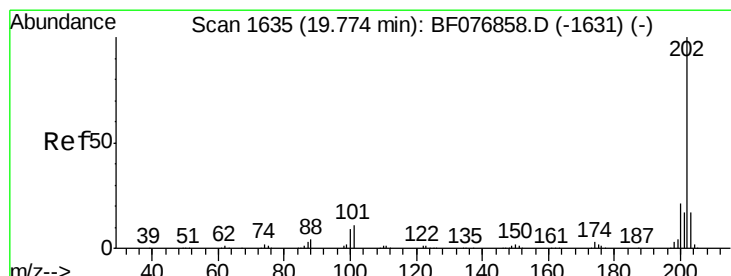
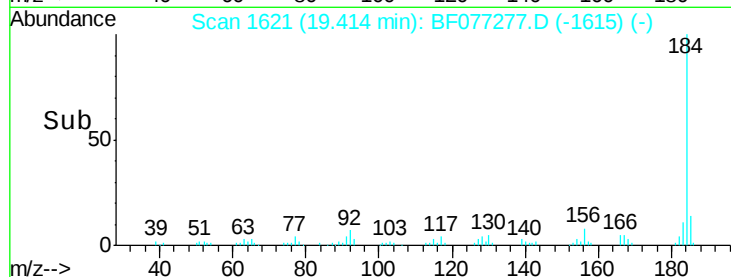
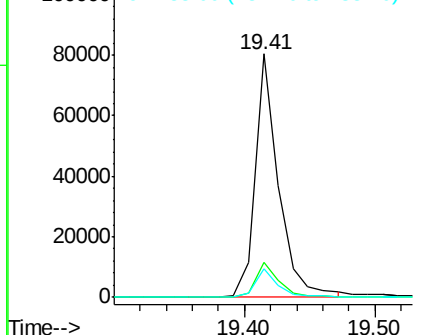
Tgt Ion:	184	Resp:	100766
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.4	17.2
183	11.5	9.0	13.6

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



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



#77

Pyrene

Concen: 25.41 ng

RT: 19.45 min Scan# 1624

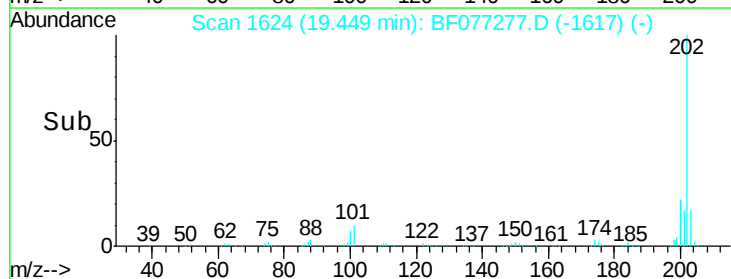
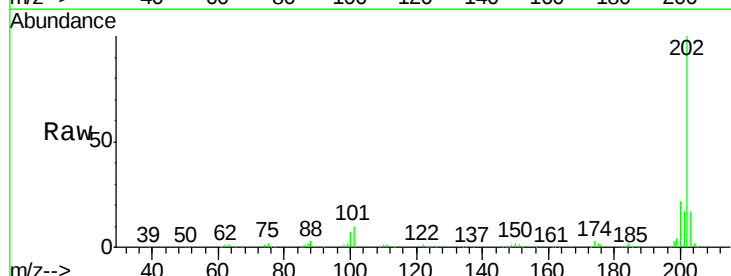
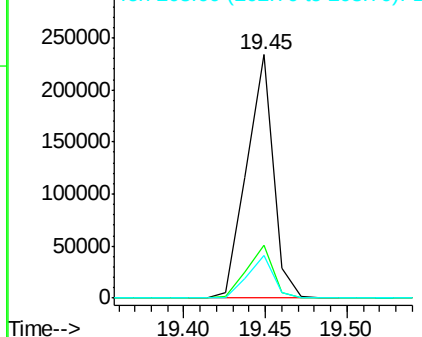
Delta R.T. -0.02 min

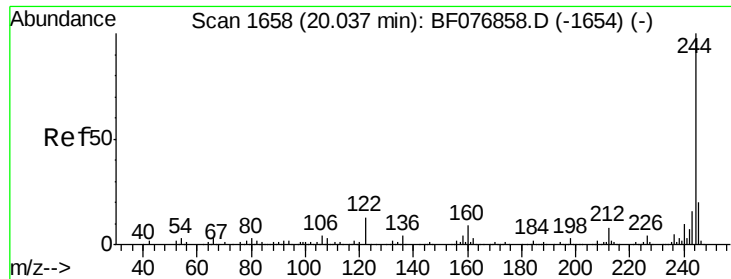
Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	202	Resp:	264195
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.7	25.1
203	17.5	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





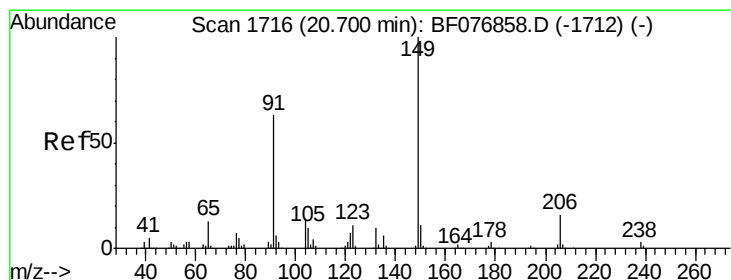
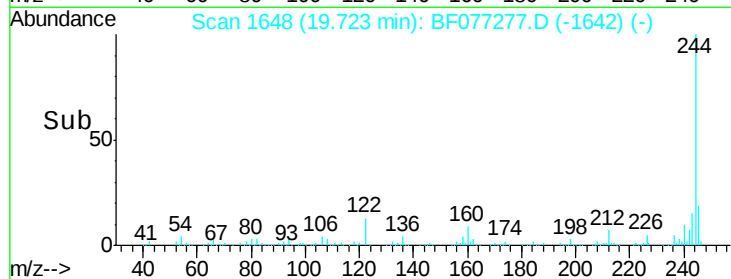
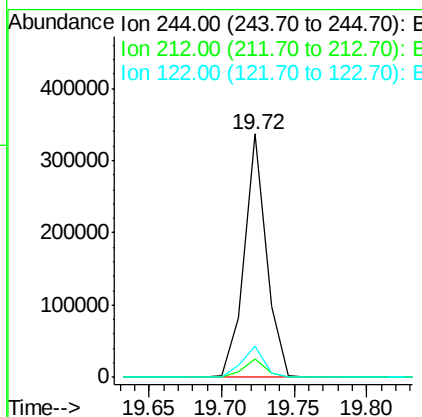
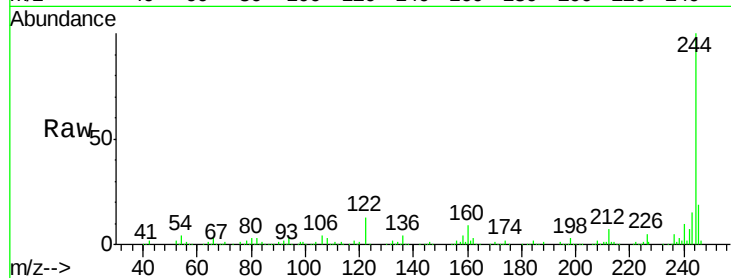
#78
 Terphenyl-d14
 Concen: 54.24 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampleId :
 UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	357468		
212	7.4	6.3	9.5	
122	12.7	10.1	15.1	

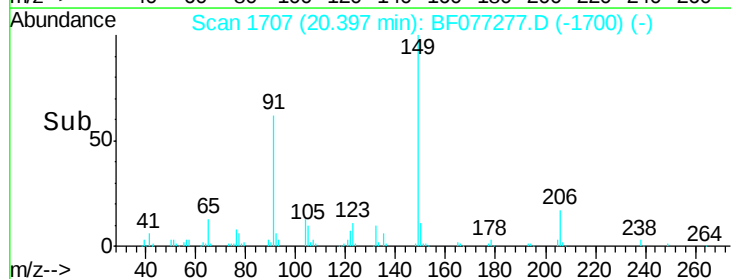
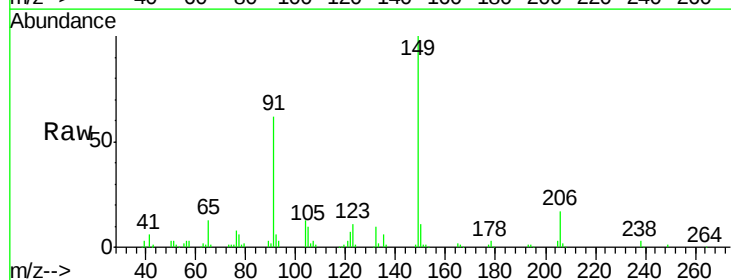
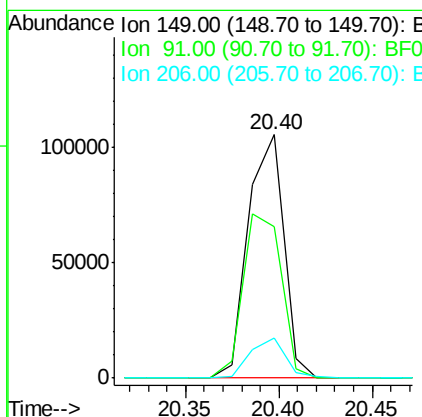
Manual Integrations
 APPROVED

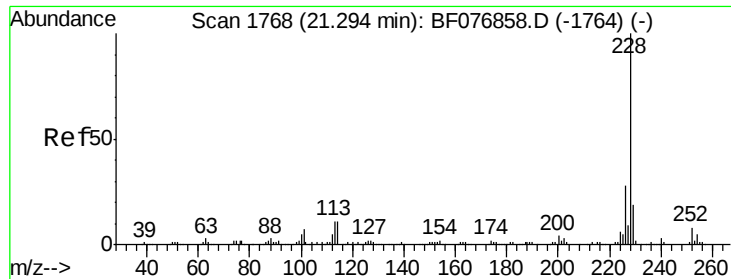
apatel
 2/12/2015 4:15:34 PM



#79
 Butylbenzylphthalate
 Concen: 29.68 ng
 RT: 20.40 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	139772		
91	62.0	50.6	76.0	
206	16.6	12.8	19.2	





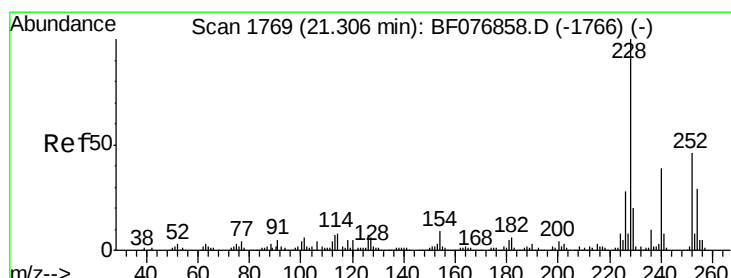
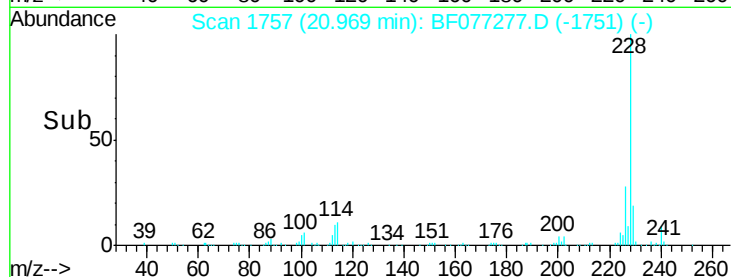
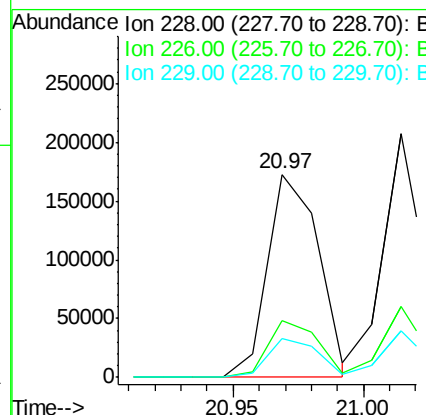
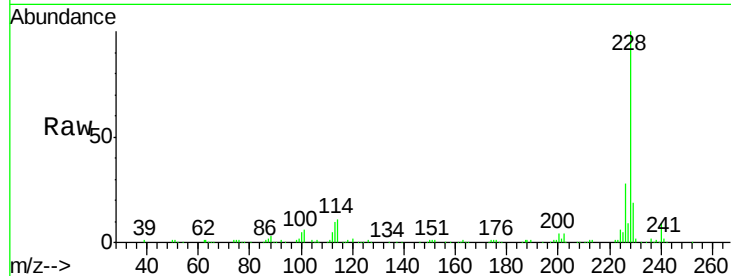
#80
Benzo(a)anthracene
Concen: 24.81 ng
RT: 20.97 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampled :
UB9BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	236222		
226	27.7	22.1	33.1	
229	19.2	15.5	23.3	

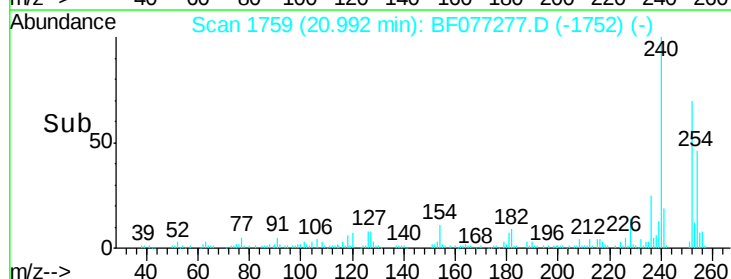
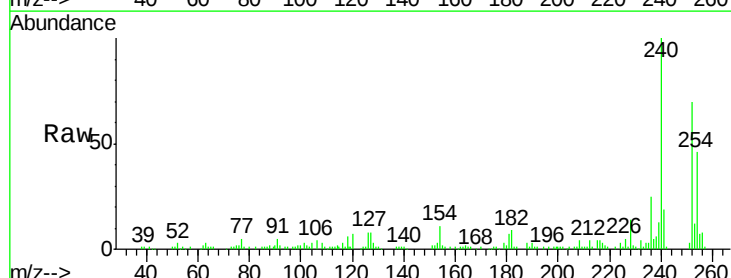
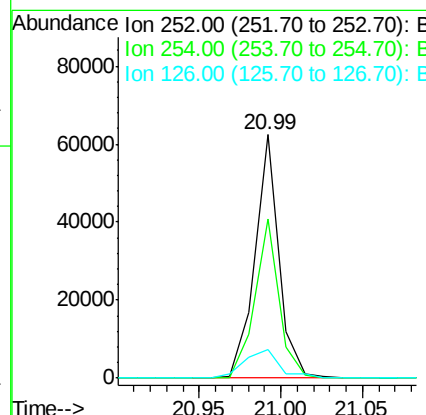
Manual Integrations
APPROVED

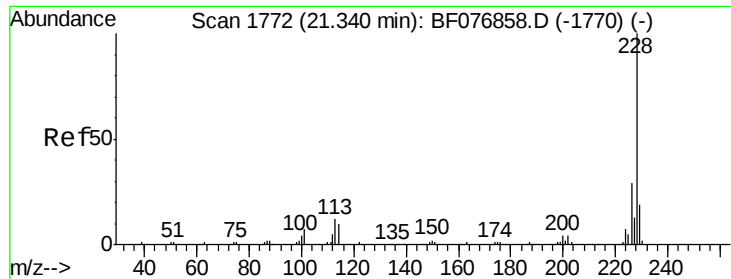
apatel
2/12/2015 4:15:34 PM



#81
3,3'-Dichlorobenzidine
Concen: 21.15 ng
RT: 20.99 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	63991		
254	65.5	50.2	75.4	
126	11.6	11.5	17.3	





#82

Chrysene

Concen: 25.57 ng

RT: 21.01 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

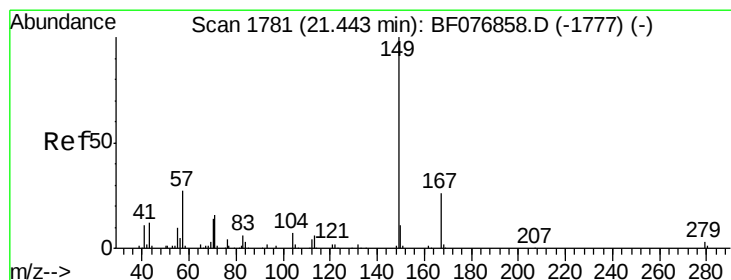
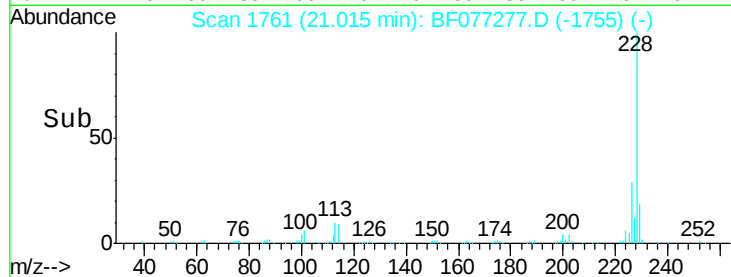
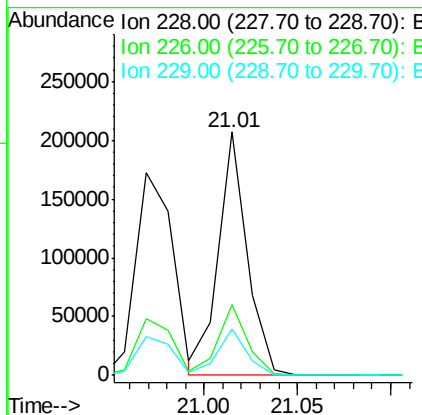
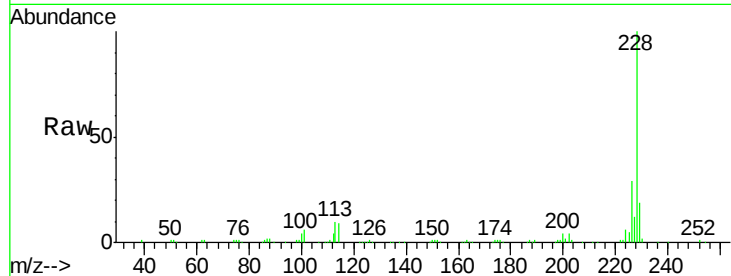
ClientSampled :

UB9BMSD

Tgt Ion:	228	Resp:	222019
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.0
229	19.3	15.4	23.0

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.97 ng

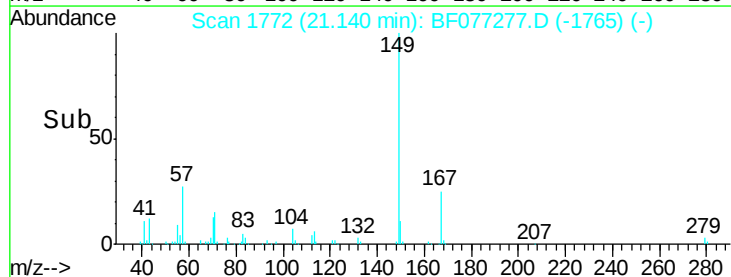
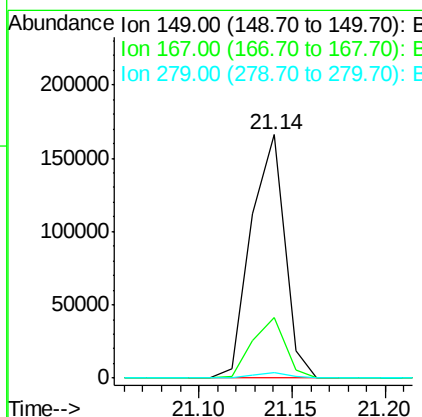
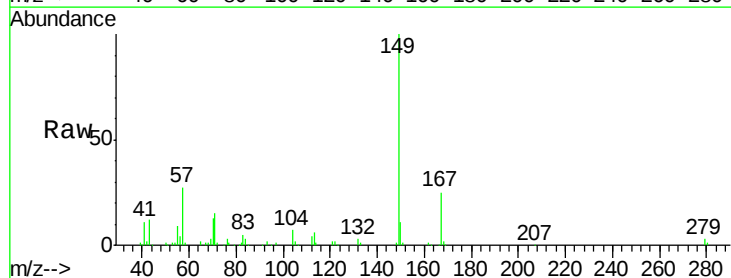
RT: 21.14 min Scan# 1772

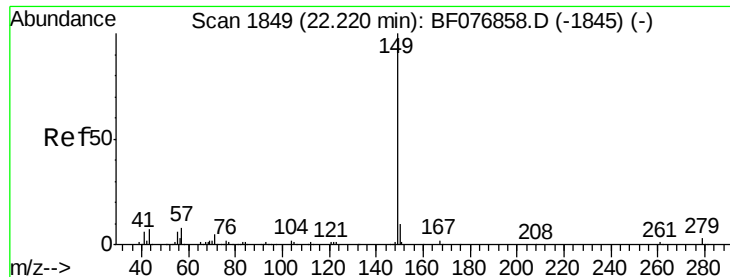
Delta R.T. -0.02 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	149	Resp:	208321
Ion Ratio	Lower	Upper	
149	100		
167	24.9	20.6	30.8
279	2.5	2.2	3.2





#84

Di-n-octyl phthalate

Concen: 32.95 ng

RT: 21.91 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Instrument :

BNA_F

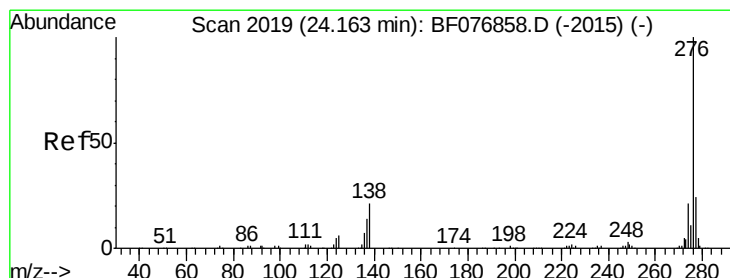
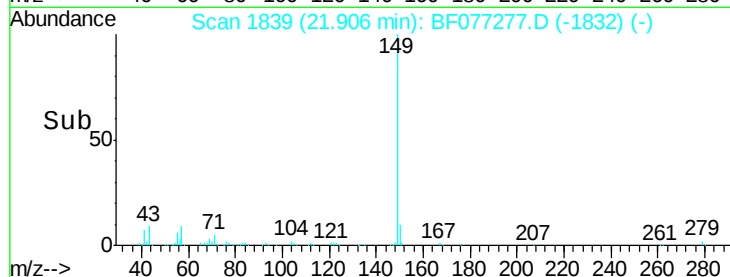
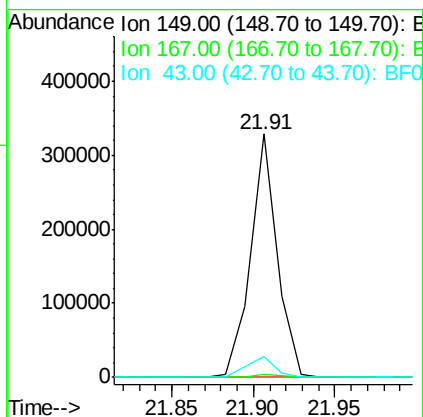
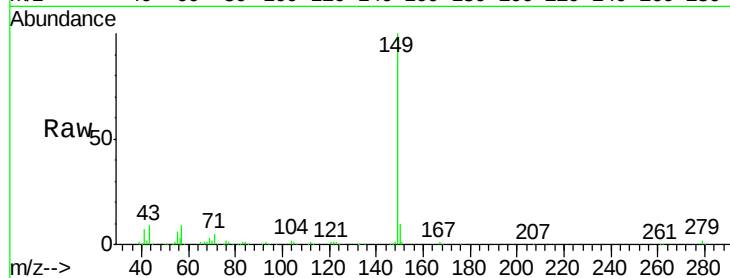
ClientSampleId :

UB9BMSD

Tgt Ion:	149	Resp:	372675
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.1	1.7
43	8.9	6.6	10.0

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 25.23 ng m

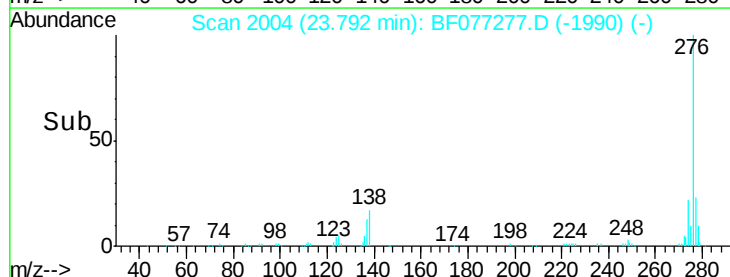
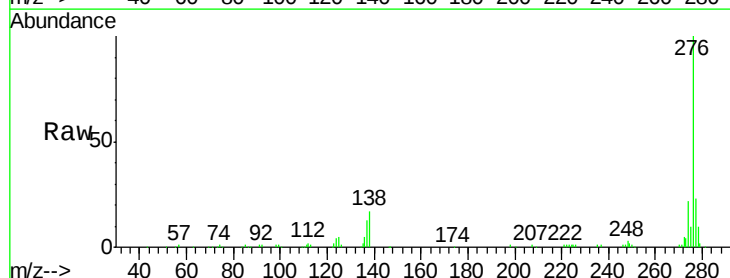
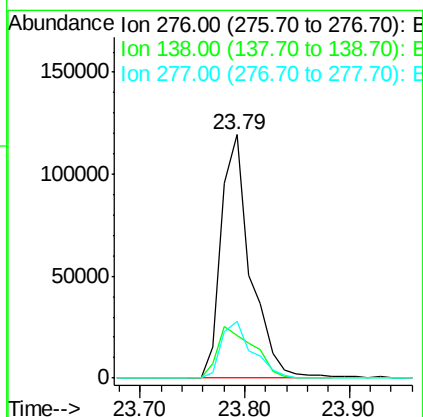
RT: 23.79 min Scan# 2004

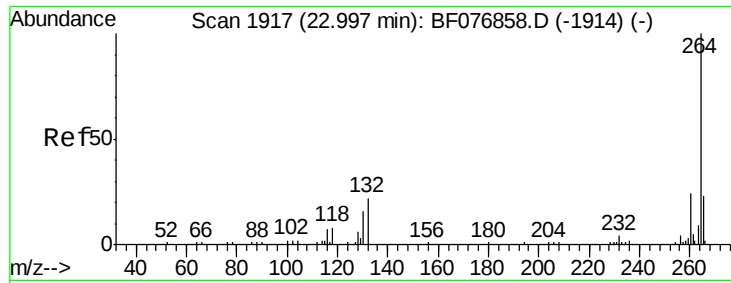
Delta R.T. 0.06 min

Lab File: BF077277.D

Acq: 12 Feb 2015 8:26

Tgt Ion:	276	Resp:	232137
Ion Ratio	Lower	Upper	
276	100		
138	0.0	14.6	22.0#
277	0.0	14.8	22.2#





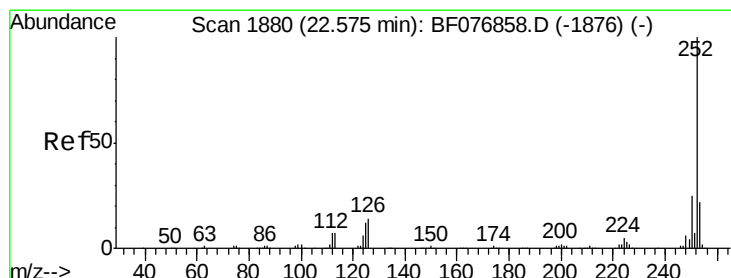
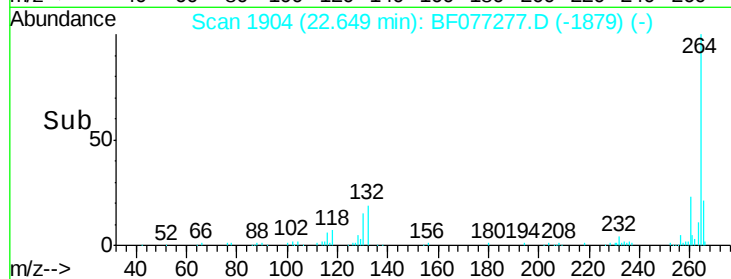
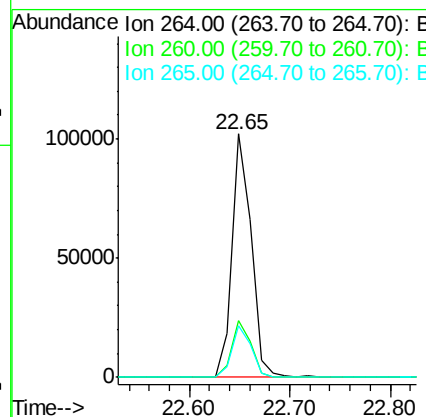
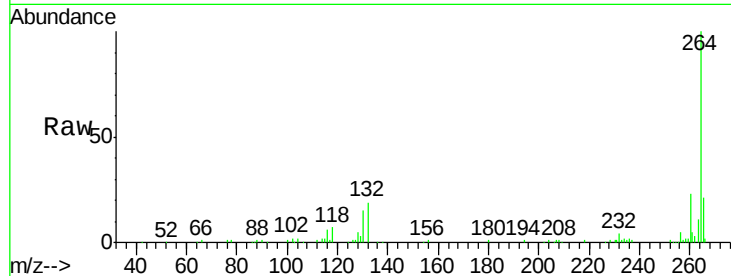
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.65 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Instrument :
 BNA_F
 ClientSampled :
 UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.4	19.0	28.4
265	21.3	18.1	27.1

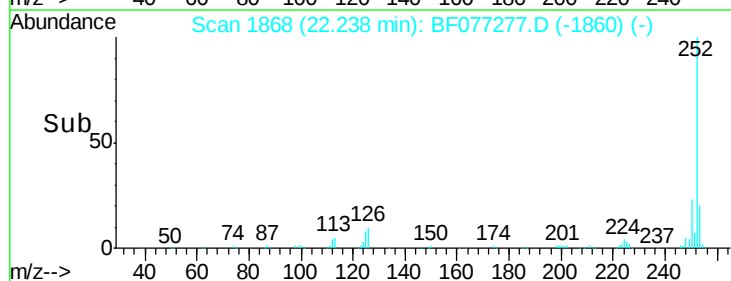
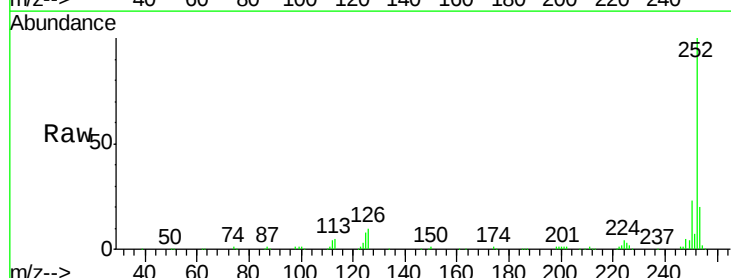
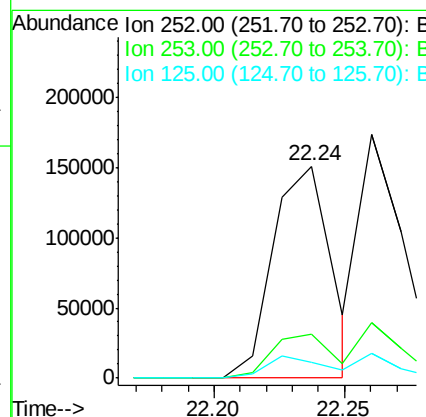
Manual Integrations
 APPROVED

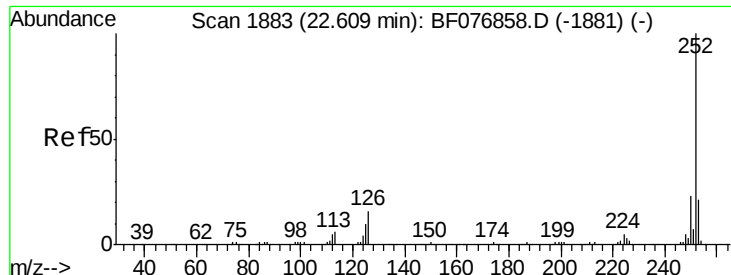
apatel
 2/12/2015 4:15:34 PM



#87
 Benzo(b)fluoranthene
 Concen: 25.52 ng
 RT: 22.24 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BF077277.D
 Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.4	17.5	26.3
125	7.6	9.4	14.0#





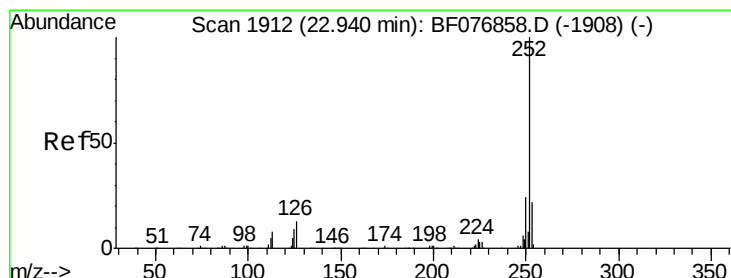
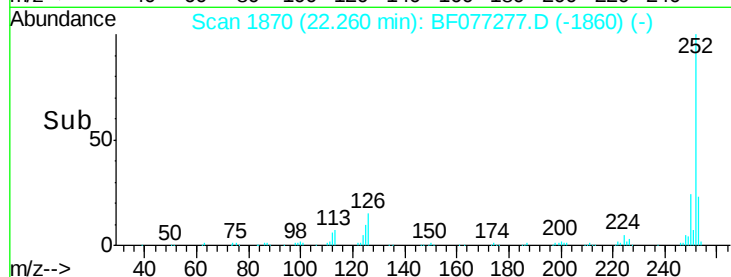
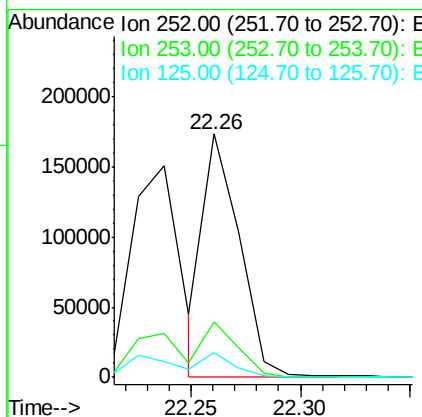
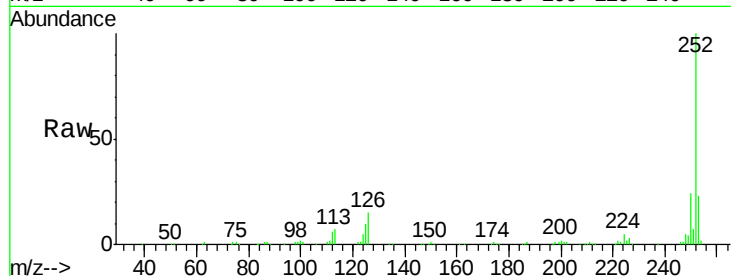
#88
Benzo(k)fluoranthene
Concen: 25.08 ng m
RT: 22.26 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.8	17.2	25.8
125	10.2	7.1	10.7

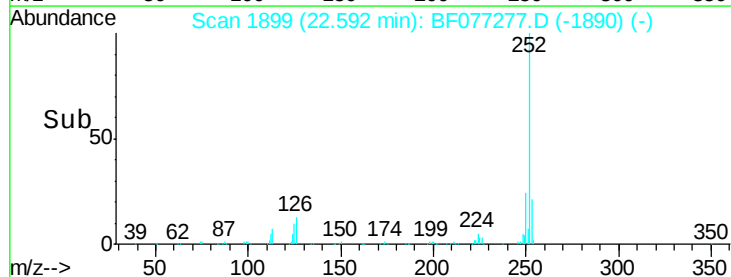
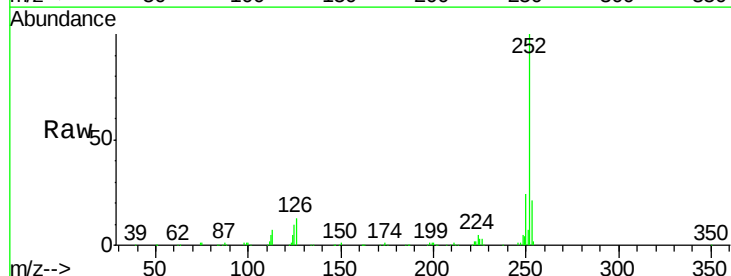
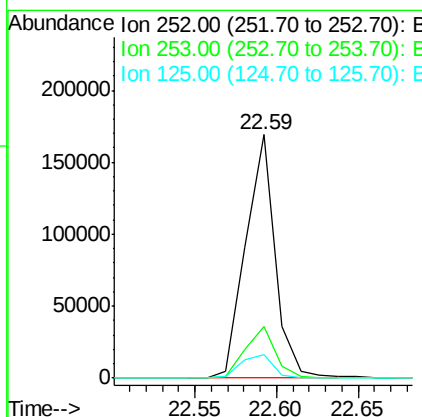
Manual Integrations
APPROVED

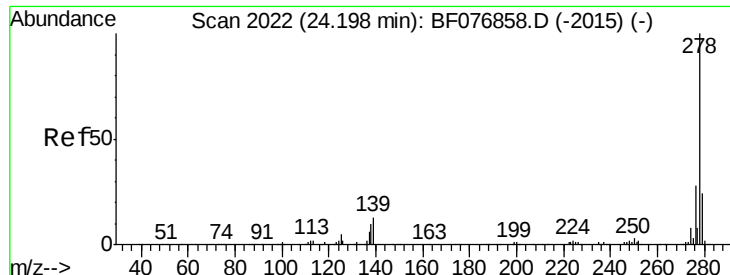
apatel
2/12/2015 4:15:34 PM



#89
Benzo(a)pyrene
Concen: 26.22 ng
RT: 22.59 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.1	17.9	26.9
125	9.6	7.2	10.8





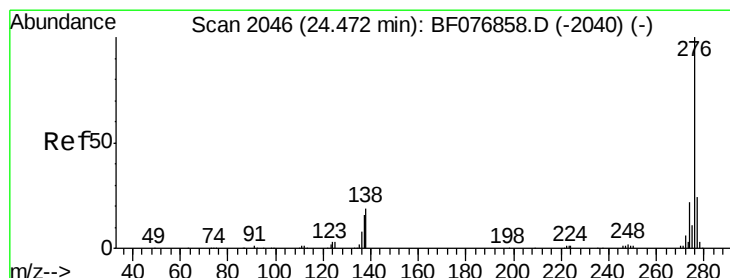
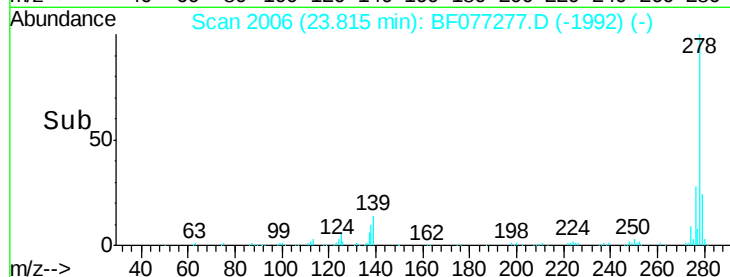
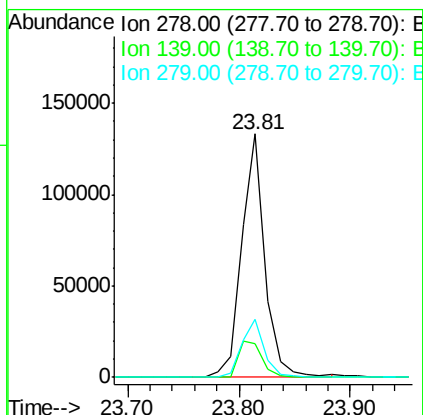
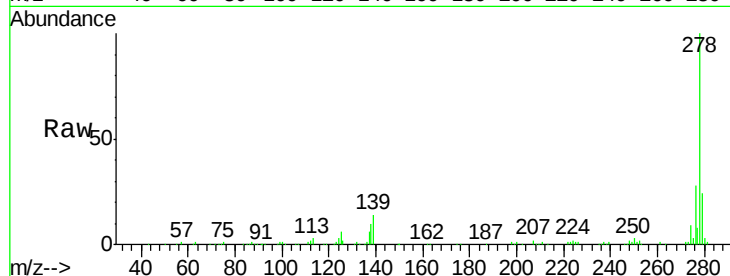
#90
Dibenzo(a,h)anthracene
Concen: 26.77 ng m
RT: 23.81 min Scan# 2006
Delta R.T. 0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Instrument :
BNA_F
ClientSampleId :
UB9BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	13.7	10.5	15.7
279	23.8	19.3	28.9

Manual Integrations
APPROVED

apatel
2/12/2015 4:15:34 PM



#91
Benzo(g,h,i)perylene
Concen: 26.38 ng m
RT: 24.05 min Scan# 2027
Delta R.T. 0.06 min
Lab File: BF077277.D
Acq: 12 Feb 2015 8:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.4	19.5	29.3
138	18.3	15.0	22.6

