

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077068.D
 Acq On : 27 Jan 2015 1:56
 Operator : TP/IZ
 Sample : G1158-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-2

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:41:46 PM

Quant Time: Jan 27 03:47:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 01:21:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	22340	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	94711	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	43788	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	78992	20.00	ng	0.00
75) Chrysene-d12	21.21	240	73607	20.00	ng	0.07
86) Perylene-d12	22.88	264	72527	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.78	112	82344	60.60	ng	-0.01
7) Phenol-d6	7.18	99	103095	60.15	ng	0.01
23) Nitrobenzene-d5	9.06	82	63938	37.40	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	21385	60.17	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	129062	44.85	ng	0.00
78) Terphenyl-d14	19.90	244	128423	40.17	ng	0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.21	79	8936	6.44	ng	95
32) Benzoic acid	10.49	122	19446m	26.06	ng	
49) Dimethylphthalate	14.40	163	17308	5.57	ng	98
59) Diethylphthalate	16.05	149	11928	3.80	ng	# 92
70) Phenanthrene	17.67	178	34754	7.06	ng	# 93
73) Di-n-butylphthalate	18.64	149	202212	37.49	ng	# 95
83) Bis(2-ethylhexyl)phthalate	21.34	149	666571	210.87	ng	94

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

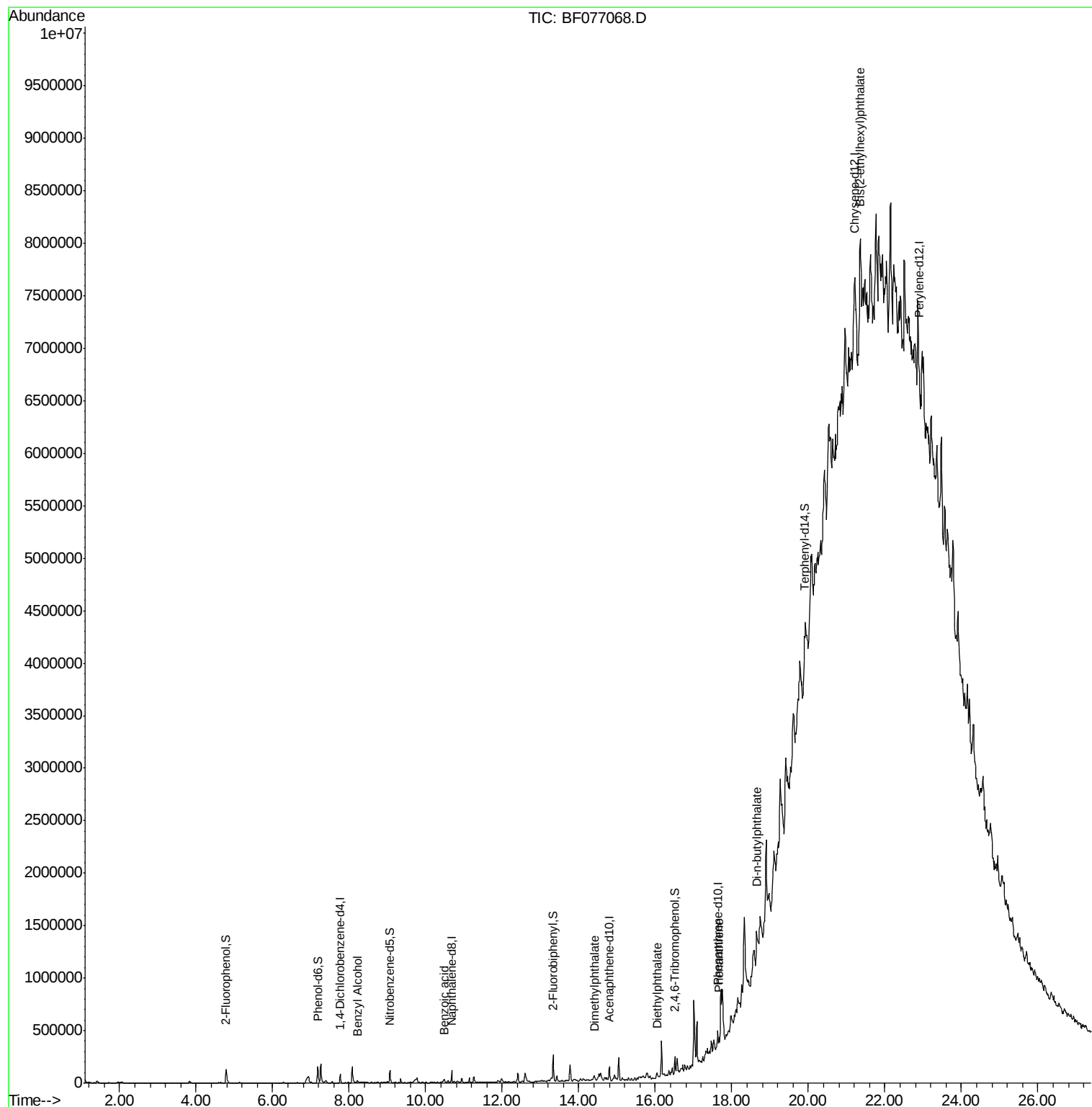
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077068.D
Acq On : 27 Jan 2015 1:56
Operator : TP/IZ
Sample : G1158-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

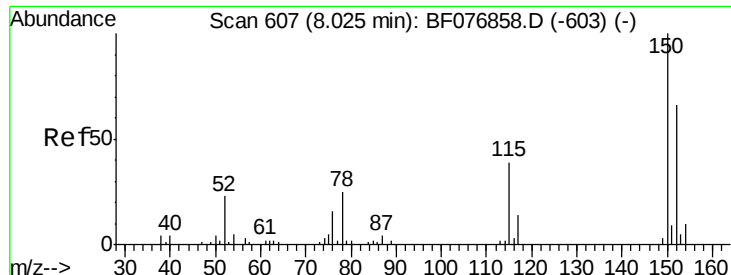
Instrument :
BNA_F
ClientSampleId :
CC-2

Quant Time: Jan 27 03:47:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 27 01:21:00 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM





#1

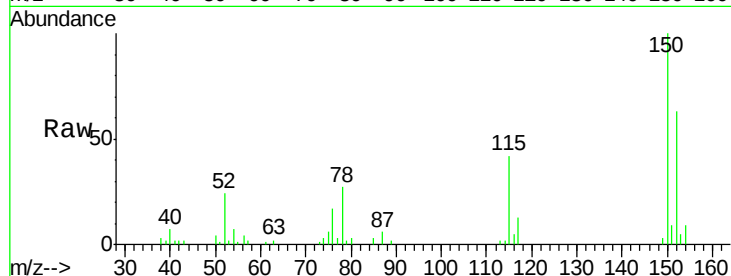
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Instrument :
BNA_F
ClientSampled :
CC-2

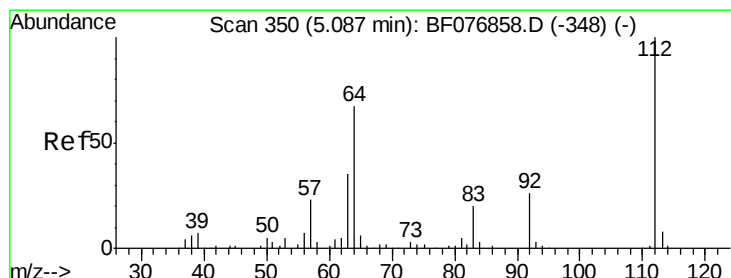
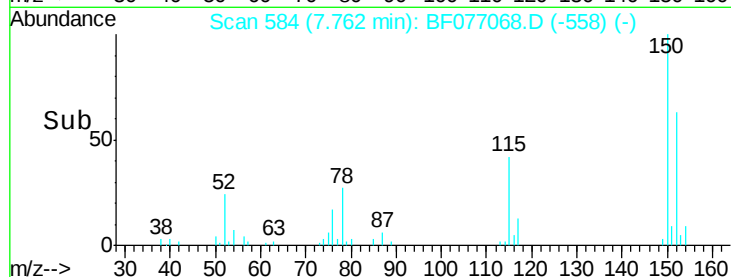
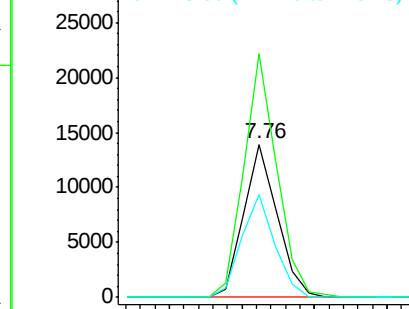
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	121.7	182.5
115	67.3	47.0	70.6

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM



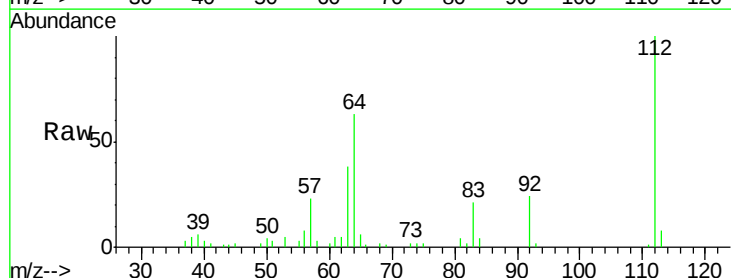
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



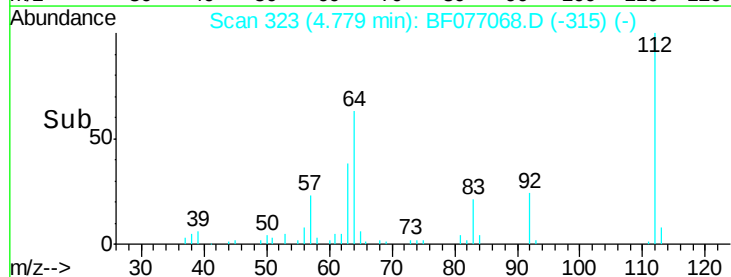
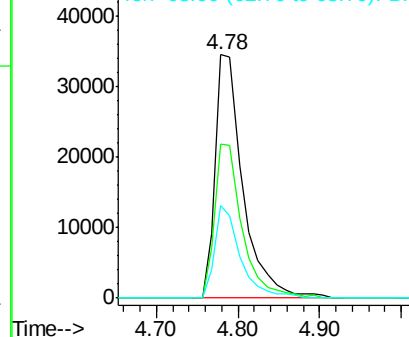
#5

2-Fluorophenol
Concen: 60.60 ng
RT: 4.78 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	54.2	81.4
63	37.8	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 60.15 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Instrument :

BNA_F

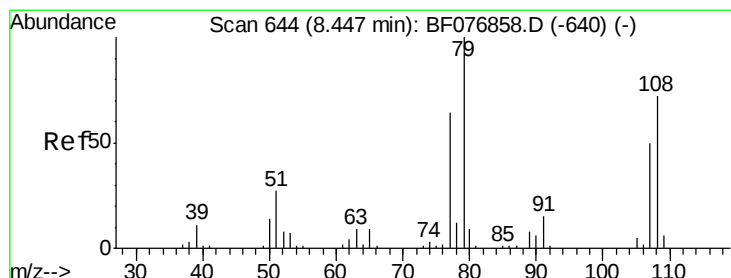
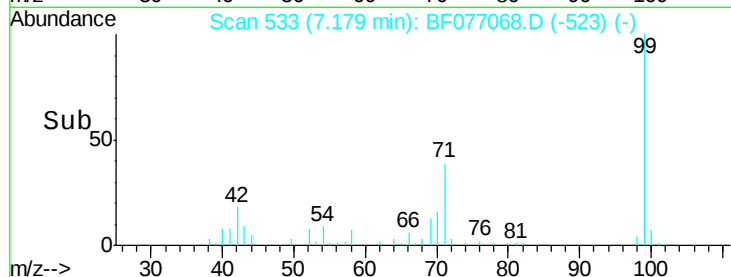
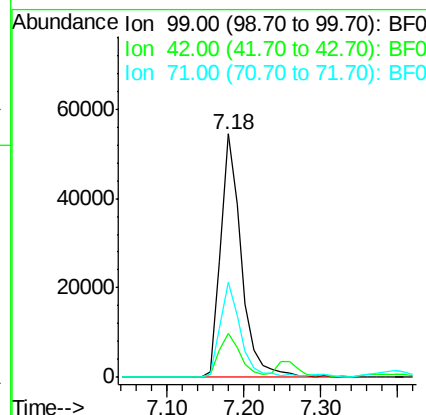
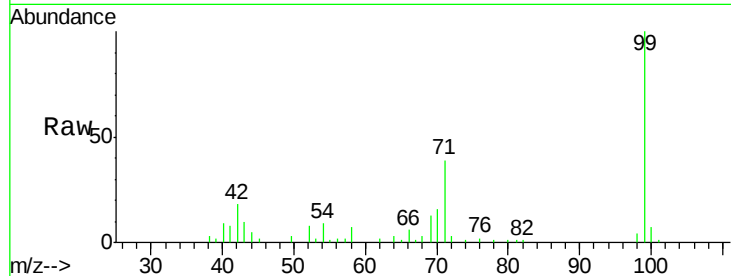
ClientSampleId :

CC-2

Tgt Ion:	99	Resp:	103095
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.0	22.4
71	38.9	30.5	45.7

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM



#15

Benzyl Alcohol

Concen: 6.44 ng

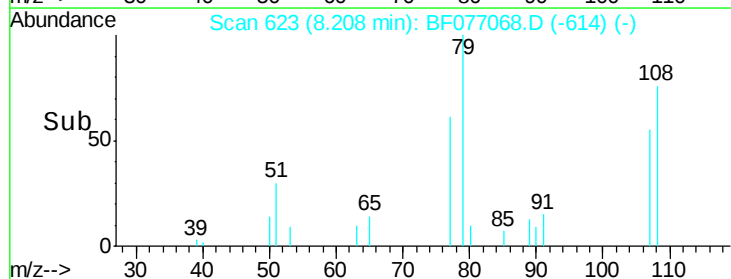
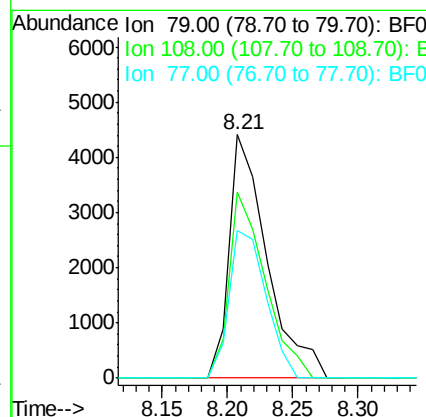
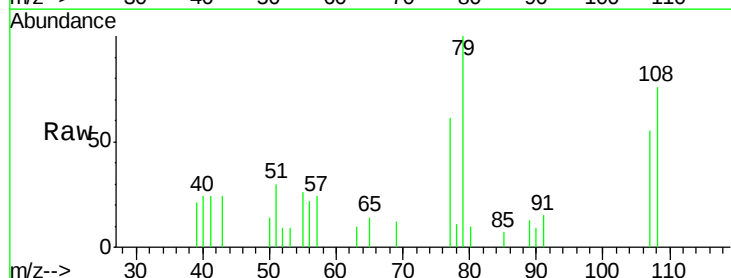
RT: 8.21 min Scan# 623

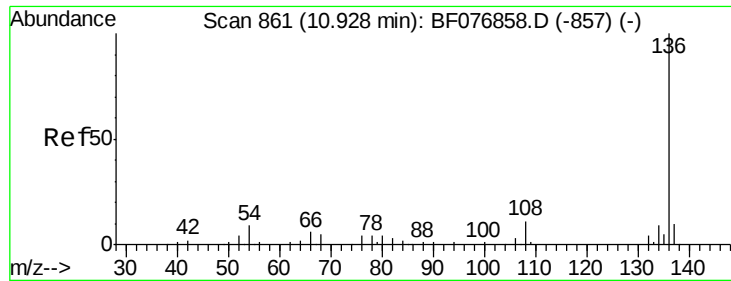
Delta R.T. 0.00 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Tgt Ion:	79	Resp:	8936
Ion Ratio	Lower	Upper	
79	100		
108	76.5	57.2	85.8
77	60.6	51.2	76.8





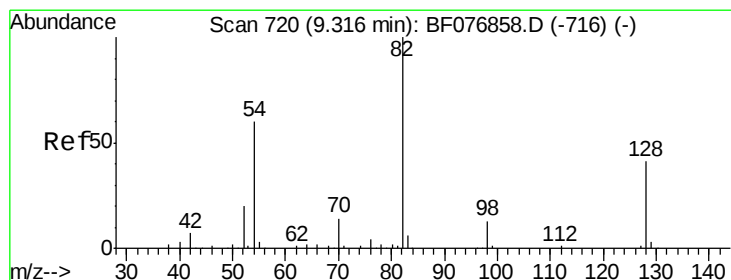
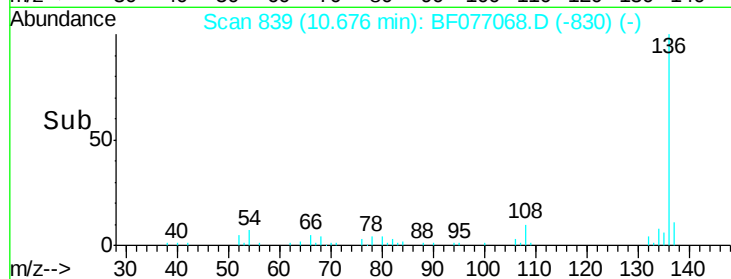
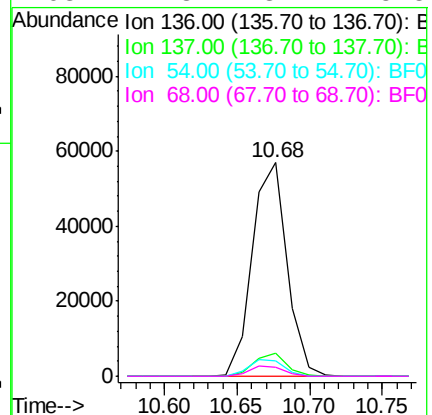
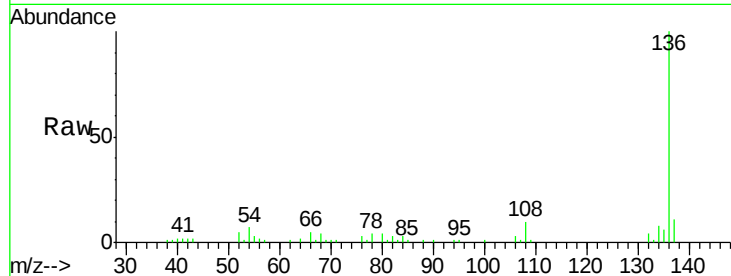
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Instrument :
BNA_F
ClientSampleId :
CC-2

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	94711		
137	10.8	8.1	12.1	
54	7.5	7.0	10.4	
68	4.3	3.7	5.5	

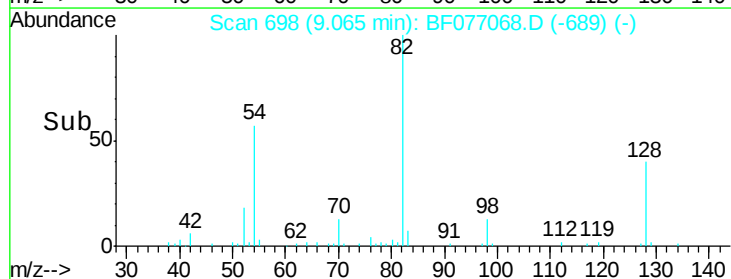
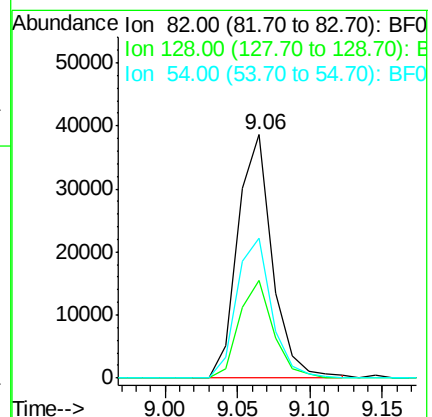
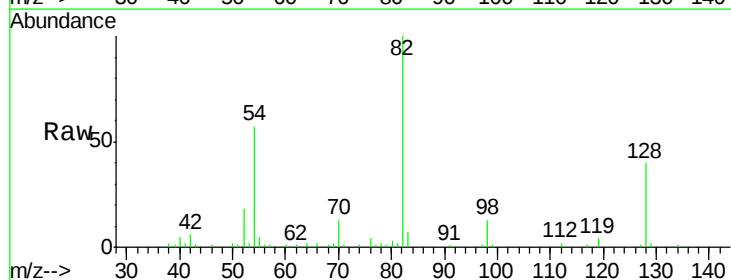
Manual Integrations
APPROVED

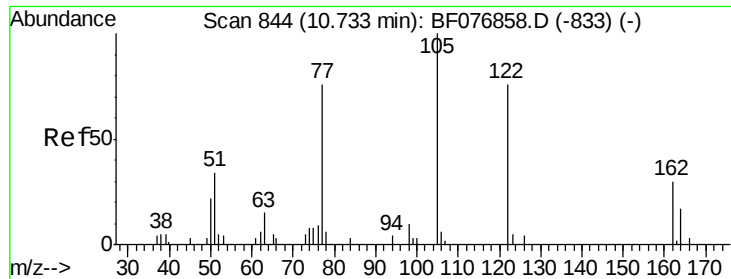
apatel
1/28/2015 5:41:46 PM



#23
Nitrobenzene-d5
Concen: 37.40 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	63938		
128	40.1	33.1	49.7	
54	57.4	48.3	72.5	





#32

Benzoic acid

Concen: 26.06 ng m

RT: 10.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Instrument :

BNA_F

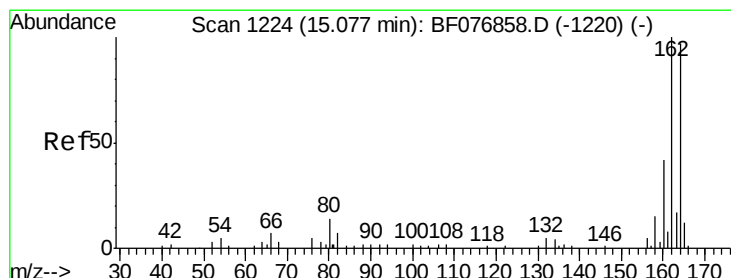
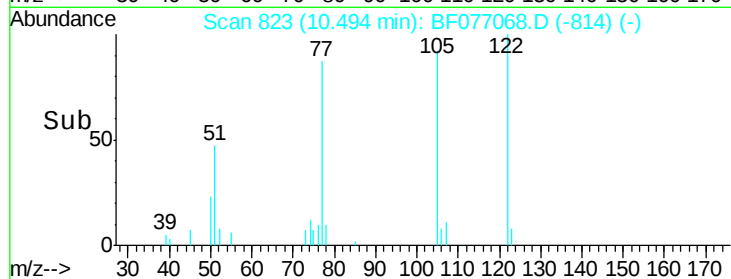
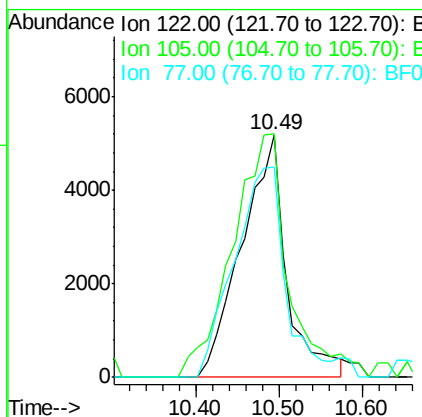
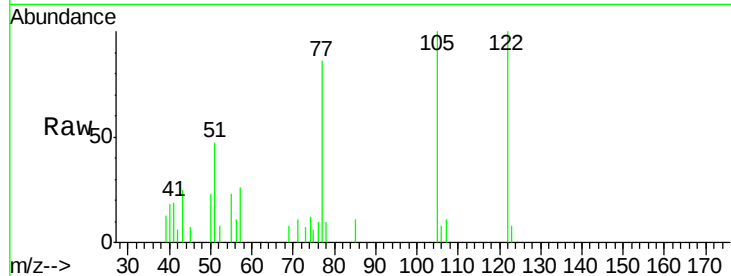
ClientSampleId :

CC-2

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	19446		
105	100.5	111.3	151.3#	
77	86.9	79.2	119.2	

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

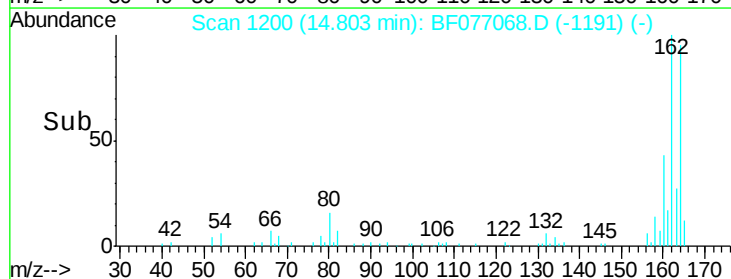
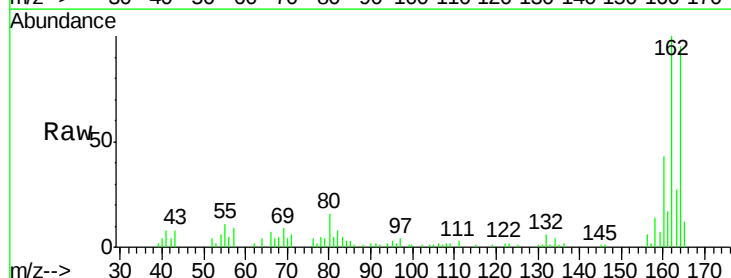
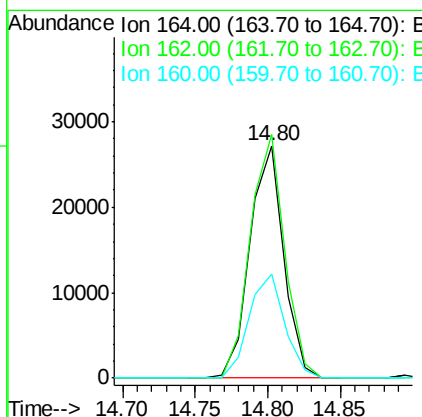
RT: 14.80 min Scan# 1200

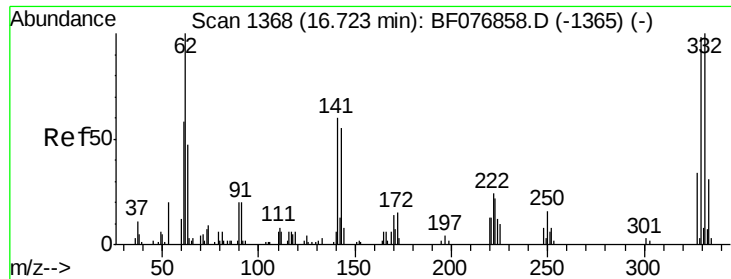
Delta R.T. 0.00 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43788		
162	104.9	82.4	123.6	
160	44.9	34.8	52.2	





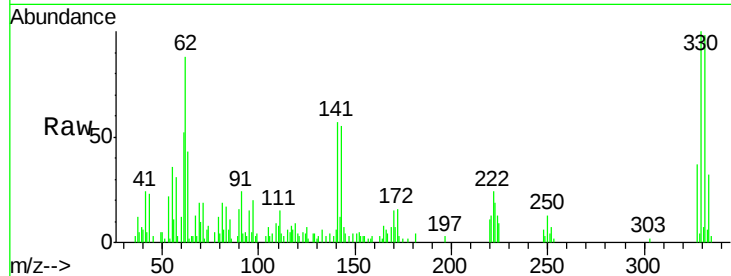
#41
 2,4,6-Tribromophenol
 Concen: 60.17 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077068.D
 Acq: 27 Jan 2015 1:56

Instrument :
 BNA_F
 ClientSampled :
 CC-2

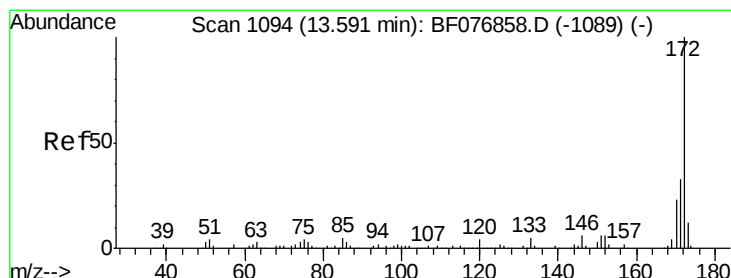
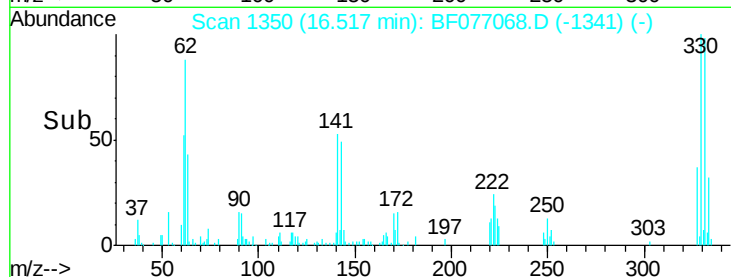
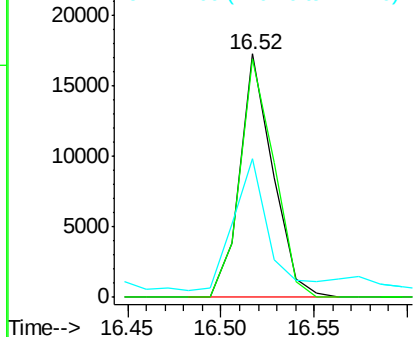
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	21385		
332	100.9	77.8	116.6	
141	57.1	38.5	57.7	

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:41:46 PM

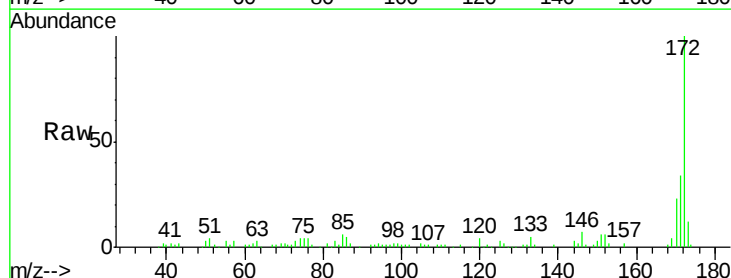


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

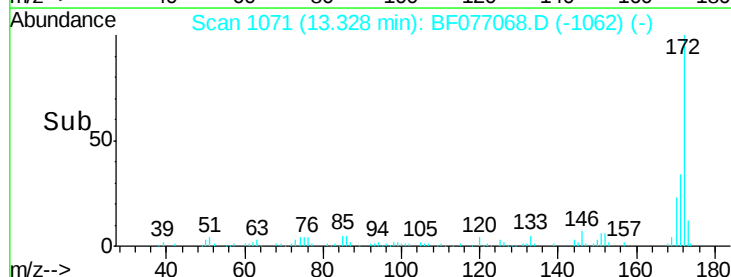
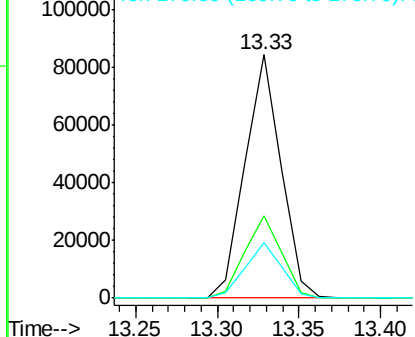


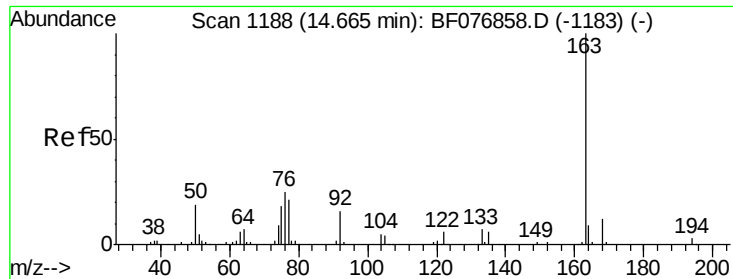
#44
 2-Fluorobiphenyl
 Concen: 44.85 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF077068.D
 Acq: 27 Jan 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	129062		
171	33.7	26.6	40.0	
170	22.7	18.0	27.0	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





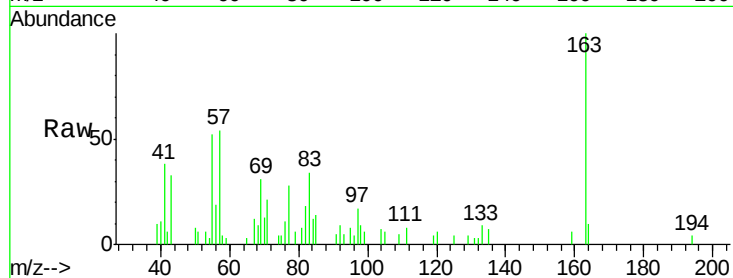
#49
Dimethylphthalate
Concen: 5.57 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Instrument :
BNA_F
ClientSampled :
CC-2

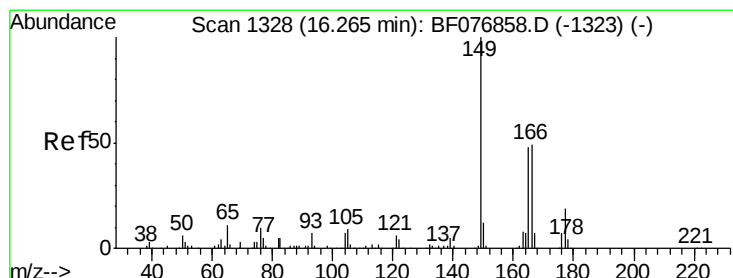
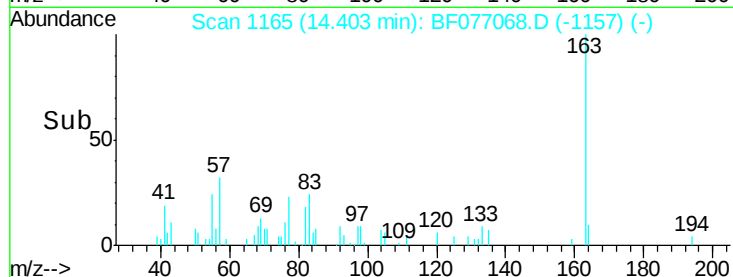
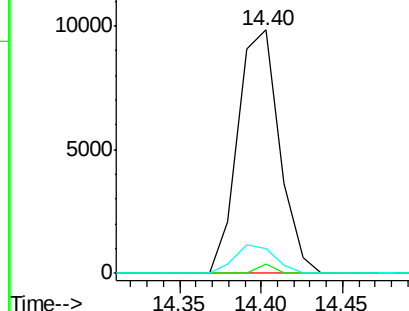
Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	7.5	11.3

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM



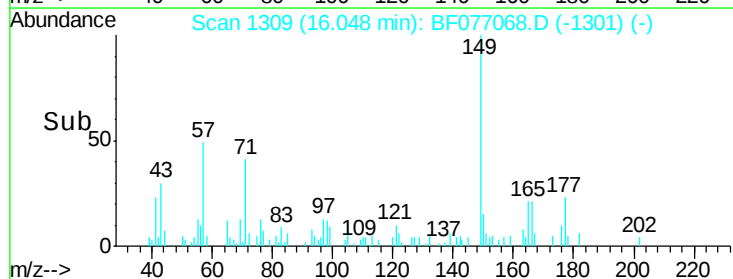
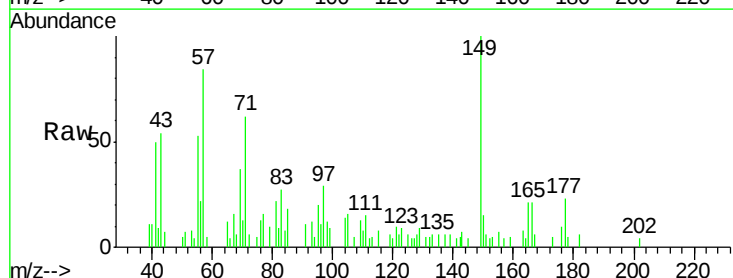
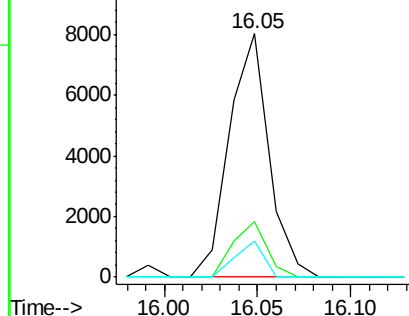
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

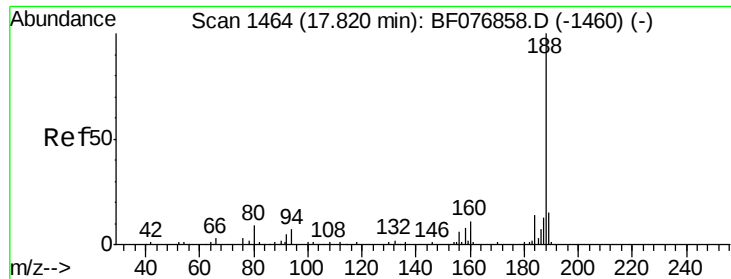


#59
Diethylphthalate
Concen: 3.80 ng
RT: 16.05 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.6	15.0	22.6#
150	14.6	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Instrument :

BNA_F

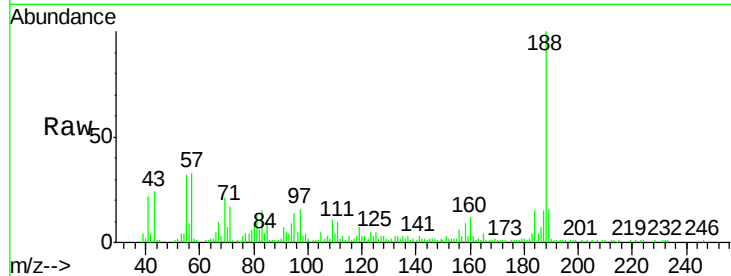
ClientSampleId :

CC-2

Tgt Ion:	188	Resp:	78992
Ion Ratio	Lower	Upper	
188	100		
94	9.1	6.0	9.0#
80	9.0	6.9	10.3

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM

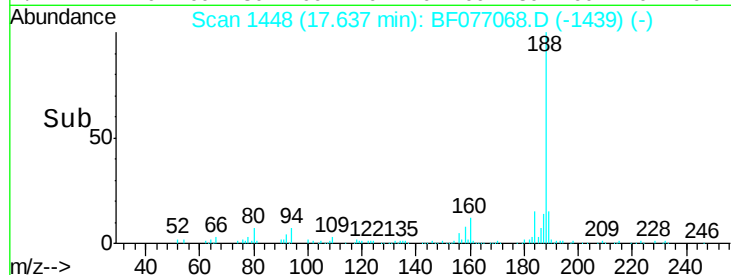


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



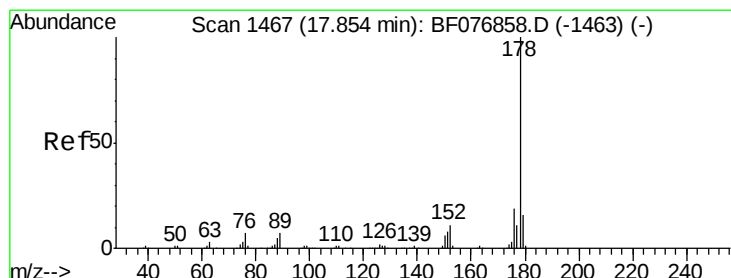
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#70

Phenanthrene

Concen: 7.06 ng

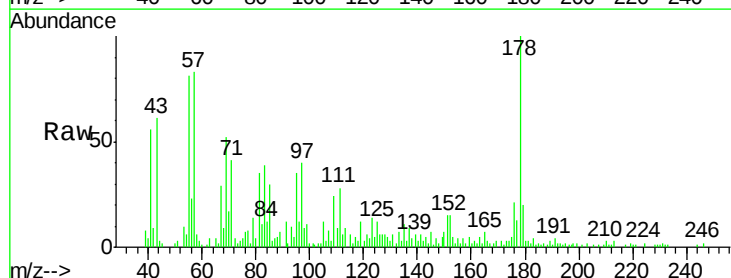
RT: 17.67 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Tgt Ion:	178	Resp:	34754
Ion Ratio	Lower	Upper	
178	100		
176	21.1	15.1	22.7
179	19.6	12.7	19.1#

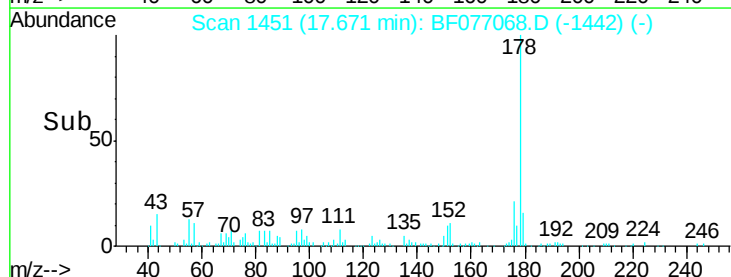


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



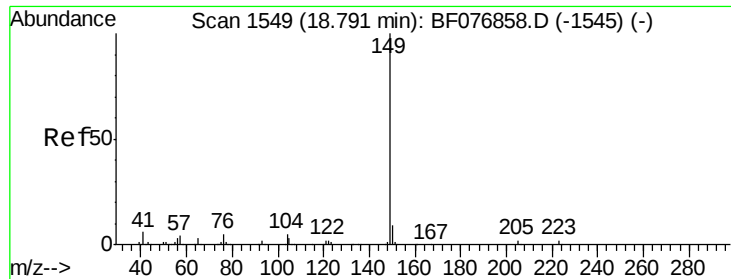
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



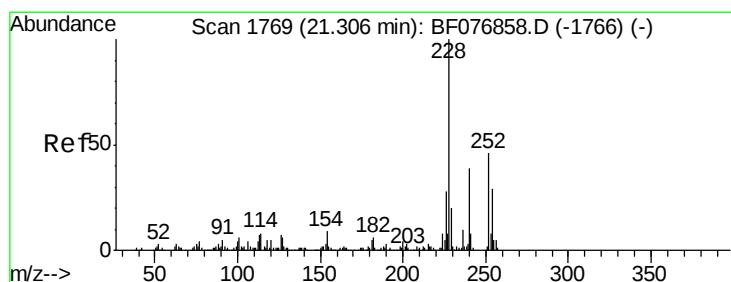
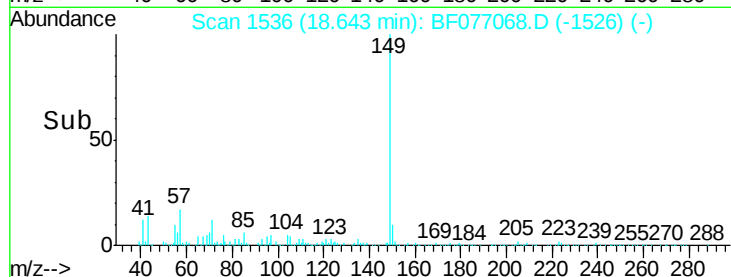
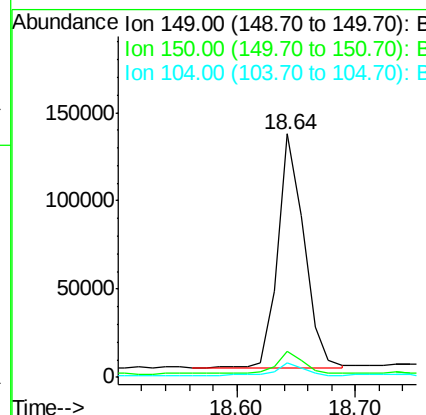
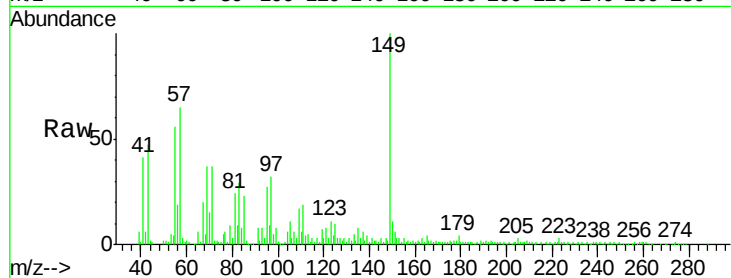
#73
Di-n-butylphthalate
Concen: 37.49 ng
RT: 18.64 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Instrument :
BNA_F
ClientSampleId :
CC-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	10.6	6.9	10.3#
104	5.7	3.7	5.5#

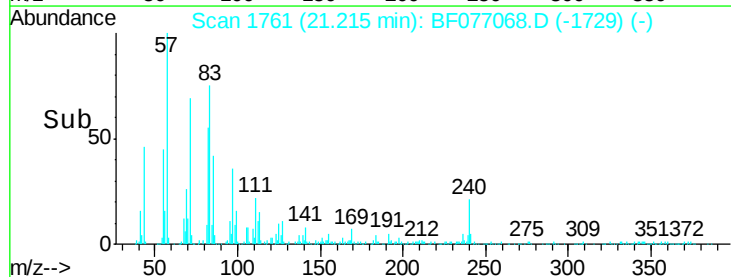
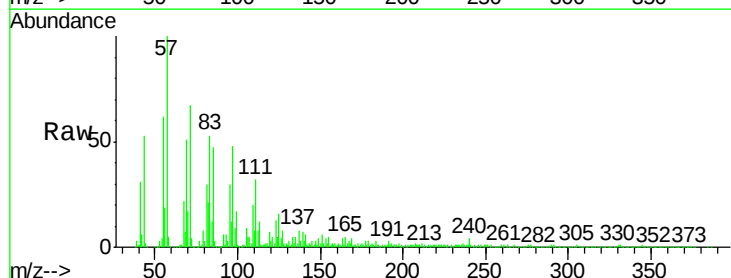
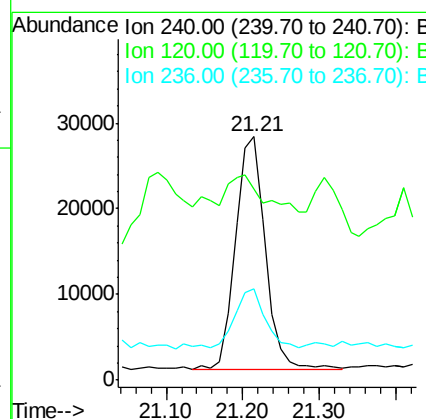
Manual Integrations
APPROVED

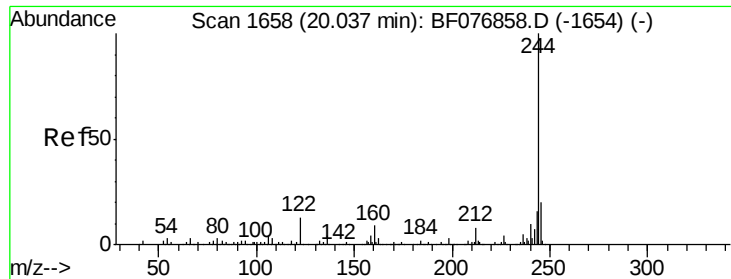
apatel
1/28/2015 5:41:46 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 1761
Delta R.T. 0.07 min
Lab File: BF077068.D
Acq: 27 Jan 2015 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	78.7	10.4	15.6#
236	37.3	20.2	30.2#





#78

Terphenyl-d14

Concen: 40.17 ng

RT: 19.90 min Scan# 1646

Delta R.T. 0.02 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Instrument :

BNA_F

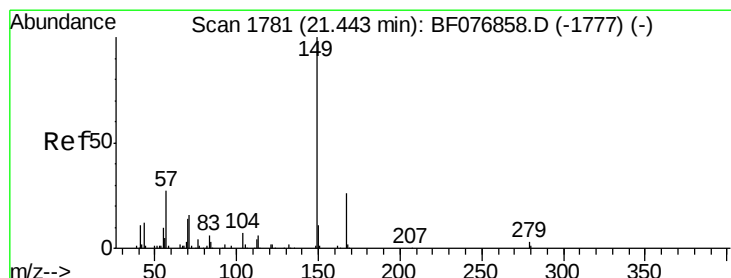
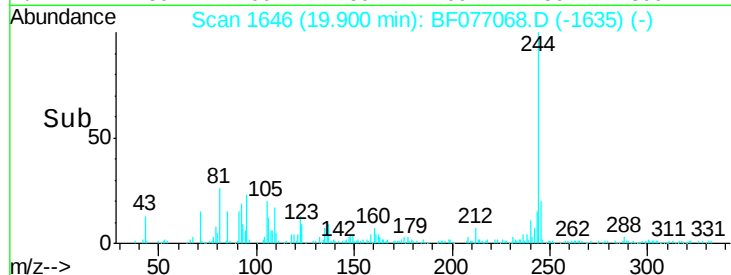
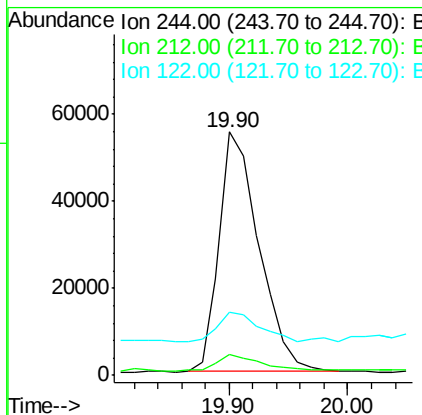
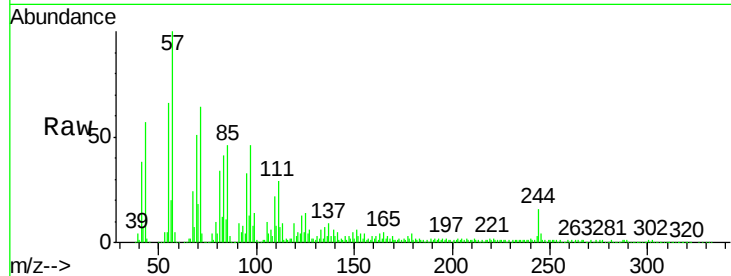
ClientSampleId :

CC-2

Tgt Ion:	244	Resp:	128423
Ion Ratio		Lower	Upper
244	100		
212	8.6	6.3	9.5
122	25.7	10.1	15.1#

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 210.87 ng

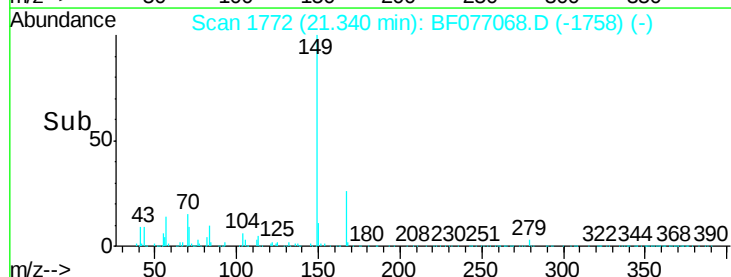
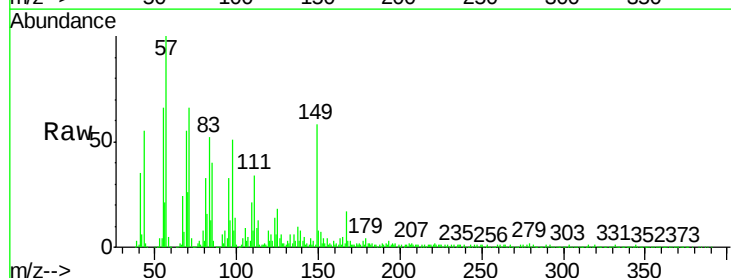
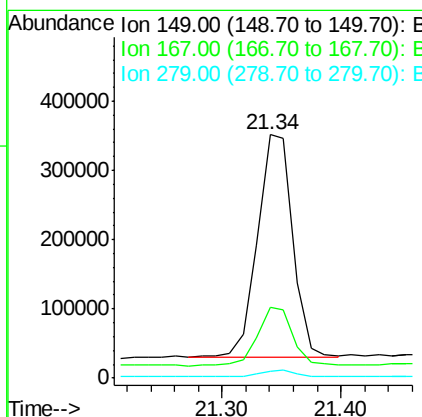
RT: 21.34 min Scan# 1772

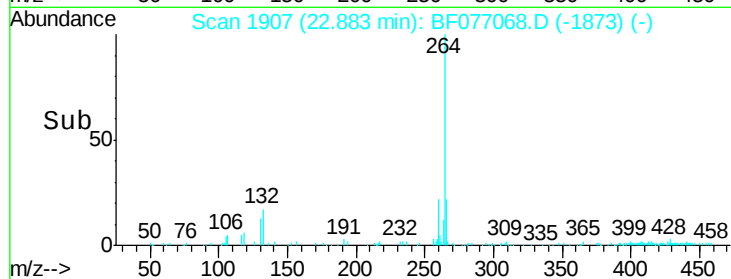
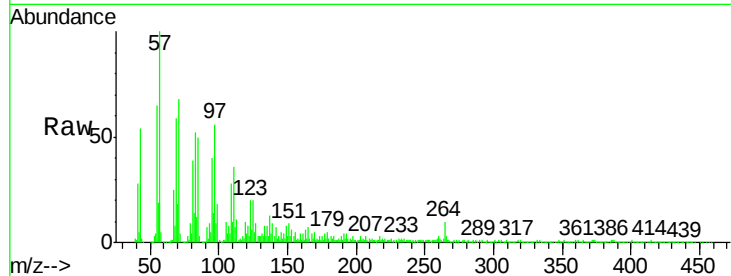
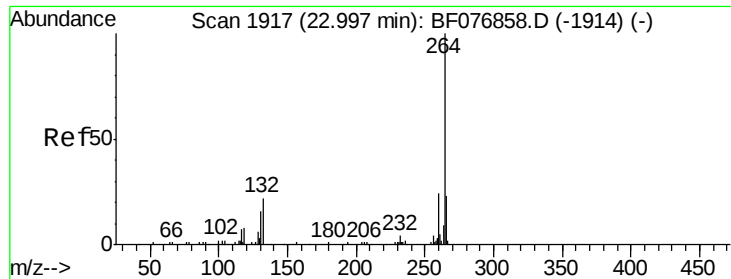
Delta R.T. 0.06 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Tgt Ion:	149	Resp:	666571
Ion Ratio		Lower	Upper
149	100		
167	28.8	20.6	30.8
279	3.0	2.2	3.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 22.88 min Scan# 1907

Delta R.T. 0.09 min

Lab File: BF077068.D

Acq: 27 Jan 2015 1:56

Instrument :

BNA_F

ClientSampleId :

CC-2

Tgt Ion:	264	Resp:	72527
Ion Ratio	Lower	Upper	
264	100		
260	25.9	19.0	28.4
265	27.0	18.1	27.1

Manual Integrations
APPROVED

apatel
1/28/2015 5:41:46 PM

