

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077089.D
 Acq On : 27 Jan 2015 17:36
 Operator : TP/IZ
 Sample : G1137-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B1A

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:43:09 PM

Quant Time: Jan 28 15:05:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 02:59:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	28106	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	114112	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	54730	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	99013	20.00	ng	0.00
75) Chrysene-d12	21.15	240	104384	20.00	ng	-0.01
86) Perylene-d12	22.88	264	83110	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	64870	37.95	ng	0.00
7) Phenol-d6	7.20	99	47985	22.25	ng	0.02
23) Nitrobenzene-d5	9.06	82	146099	70.93	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	46047	103.65	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	287488	79.94	ng	0.01
78) Terphenyl-d14	19.88	244	301356	66.46	ng	0.00
Target Compounds						
31) Naphthalene	10.72	128	29542	5.03	ng	Qvalue 97
37) 2-Methylnaphthalene	12.38	142	20224	5.04	ng	96
49) Dimethylphthalate	14.40	163	17834	4.59	ng	98
51) Acenaphthene	14.87	154	6407	2.01	ng	88
57) Fluorene	16.05	166	11615	2.95	ng	# 94
59) Diethylphthalate	16.05	149	11091	2.83	ng	# 94

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

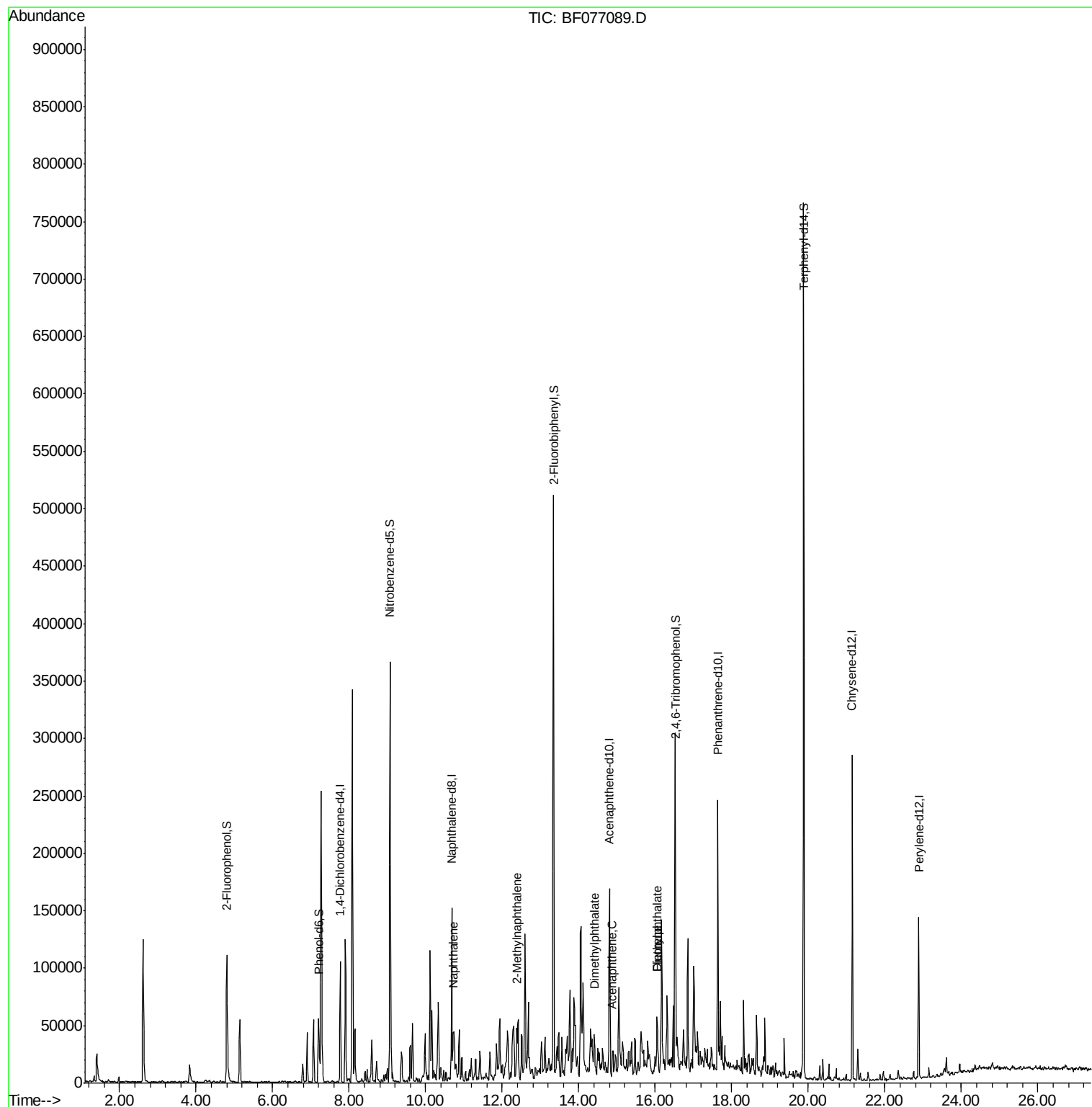
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077089.D
Acq On : 27 Jan 2015 17:36
Operator : TP/IZ
Sample : G1137-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

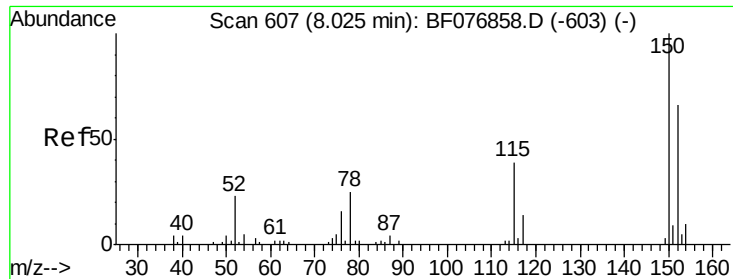
Instrument :
BNA_F
ClientSampleId :
104B1A

Manual Integrations
APPROVED

apatel
1/28/2015 5:43:09 PM

Quant Time: Jan 28 15:05:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 02:59:18 2015
Response via : Initial Calibration





#1

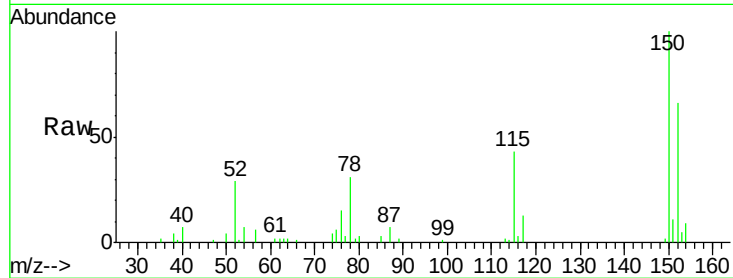
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Instrument :
BNA_F
ClientSampleId :
104B1A

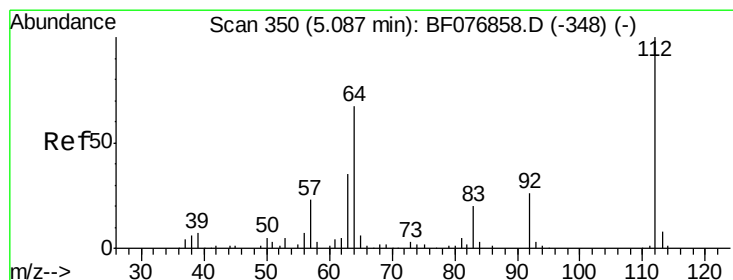
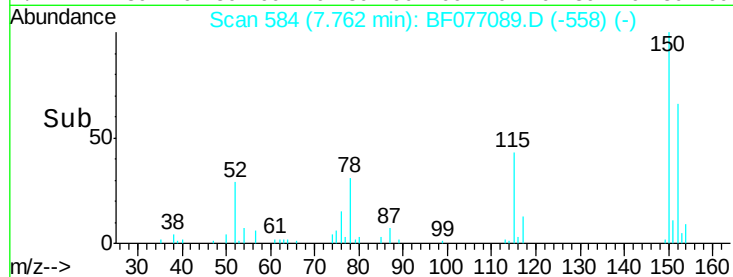
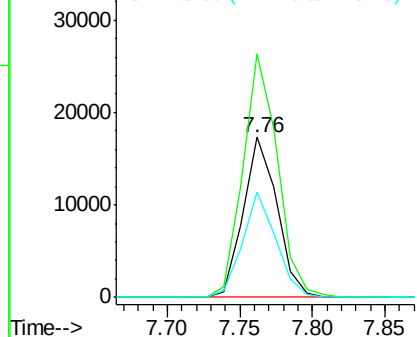
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	121.7	182.5
115	65.5	47.0	70.6

Manual Integrations
APPROVED

apatel
1/28/2015 5:43:09 PM



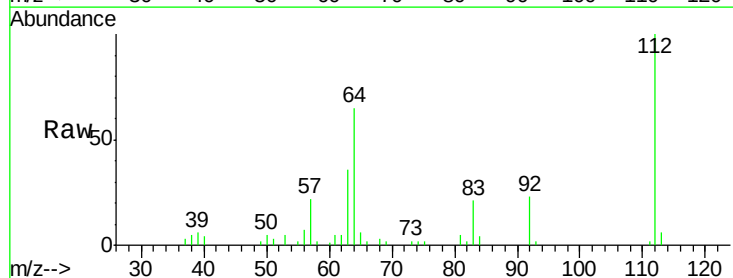
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



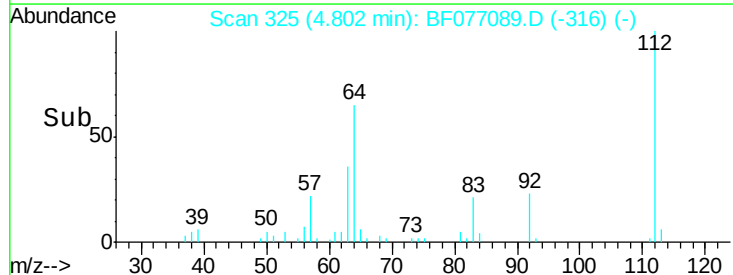
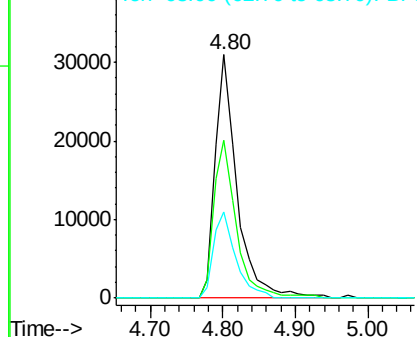
#5

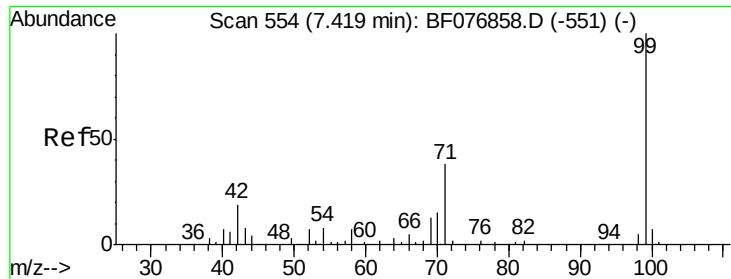
2-Fluorophenol
Concen: 37.95 ng
RT: 4.80 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	54.2	81.4
63	35.5	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: 22.25 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.02 min

Lab File: BF077089.D

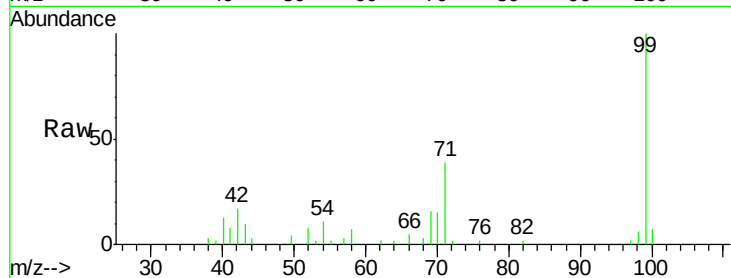
Acq: 27 Jan 2015 17:36

Instrument :

BNA_F

ClientSampleId :

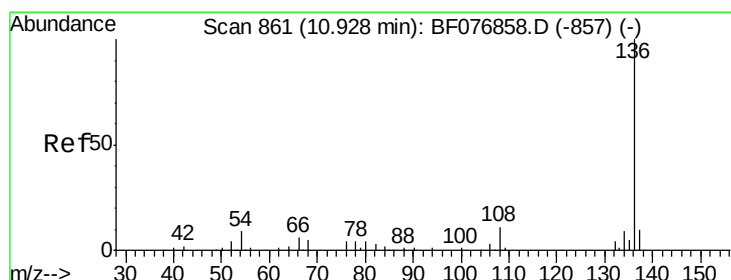
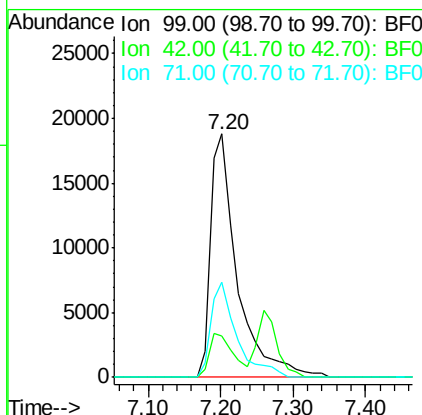
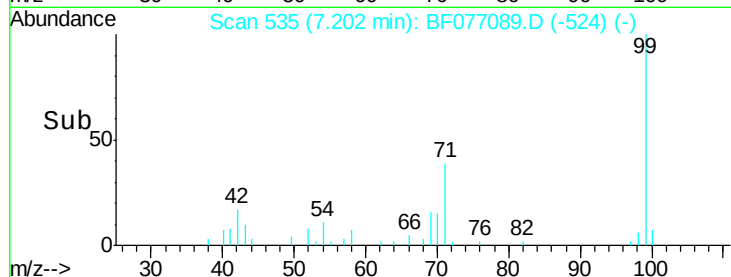
104B1A



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		47985		
42	17.1	15.0	22.4		
71	39.3	30.5	45.7		

Manual Integrations
APPROVED

apatel
1/28/2015 5:43:09 PM



#21

Naphthalene-d8

Concen: 20.00 ng

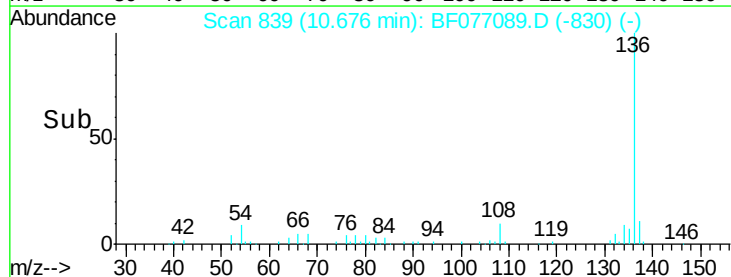
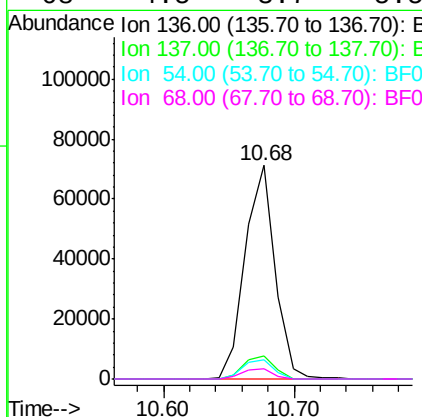
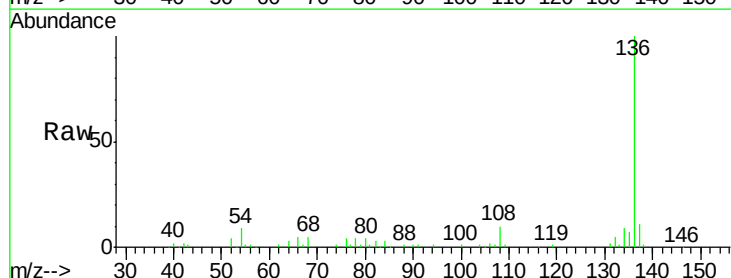
RT: 10.68 min Scan# 839

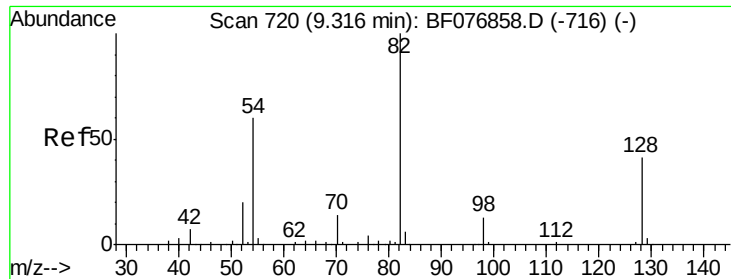
Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		114112		
137	11.0	8.1	12.1		
54	8.8	7.0	10.4		
68	4.5	3.7	5.5		





#23

Nitrobenzene-d5

Concen: 70.93 ng

RT: 9.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

Instrument :

BNA_F

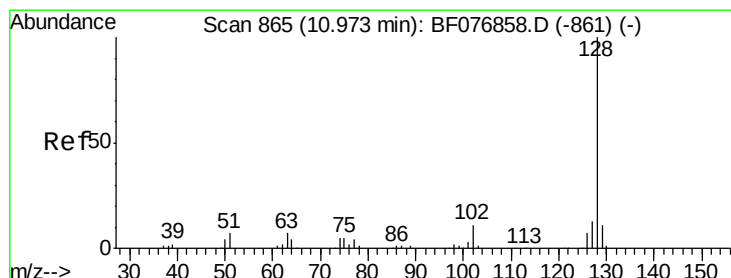
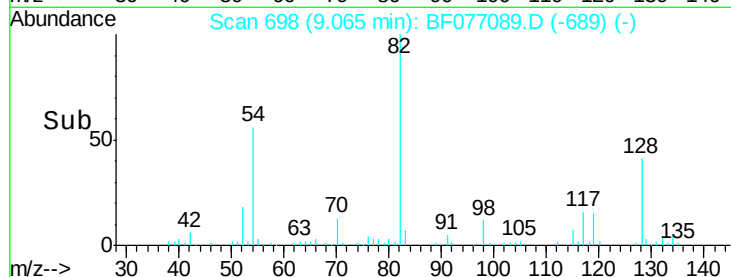
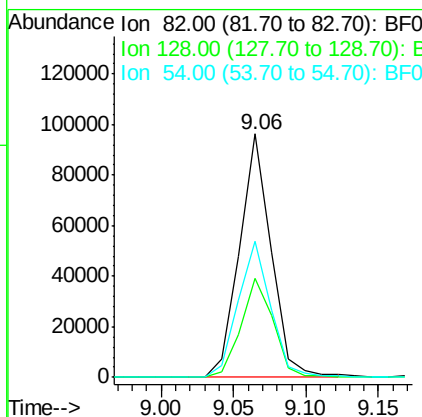
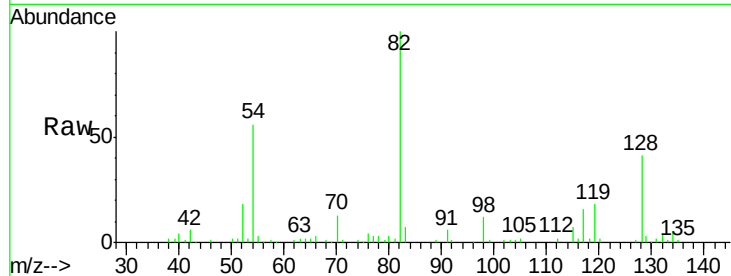
ClientSampleId :

104B1A

Tgt Ion:	82	Resp:	146099
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.1	49.7
54	55.9	48.3	72.5

Manual Integrations
APPROVED

apatel
1/28/2015 5:43:09 PM



#31

Naphthalene

Concen: 5.03 ng

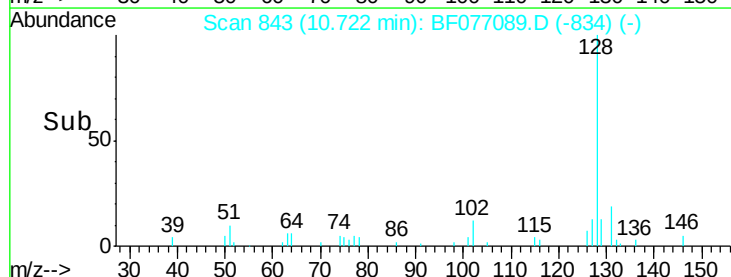
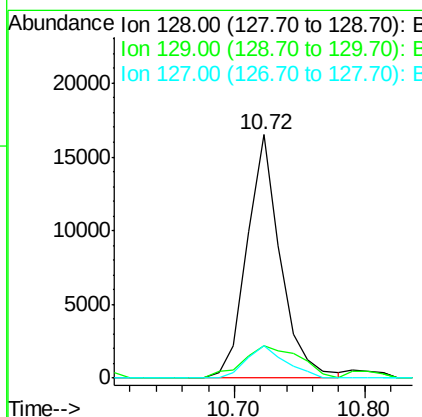
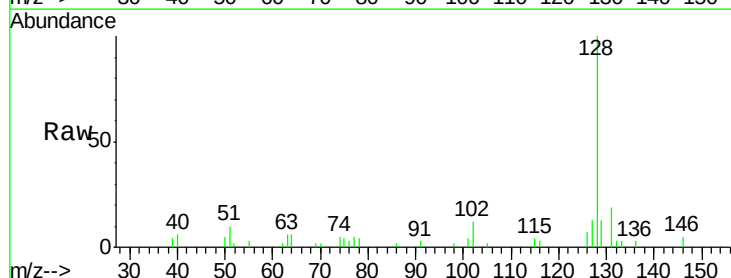
RT: 10.72 min Scan# 843

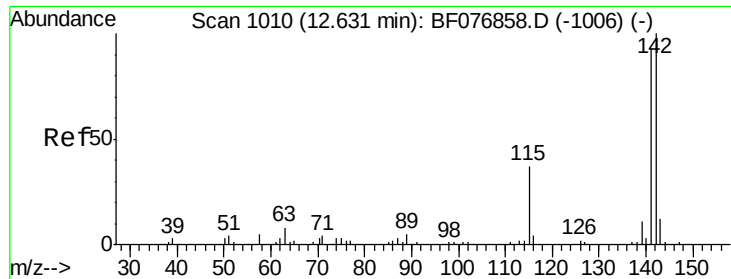
Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

Tgt Ion:	128	Resp:	29542
Ion Ratio	Lower	Upper	
128	100		
129	13.4	9.0	13.6
127	13.2	10.2	15.2





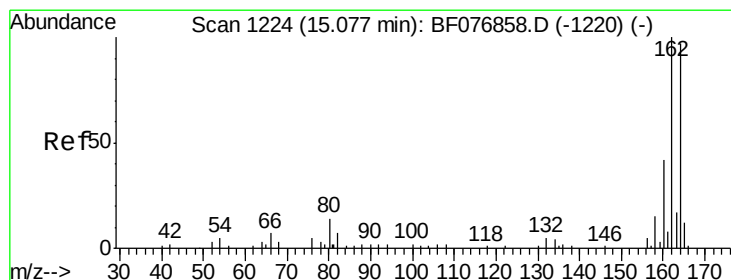
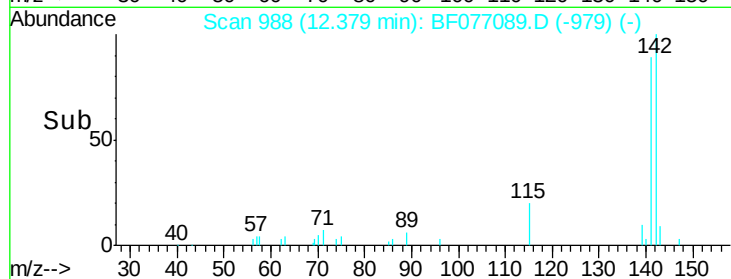
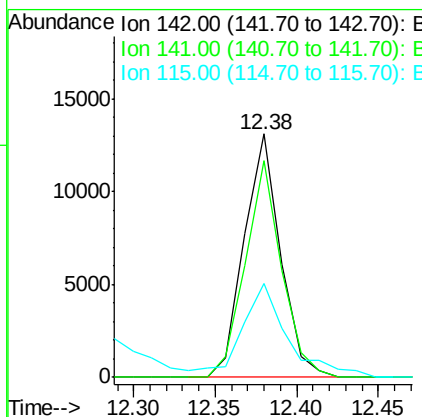
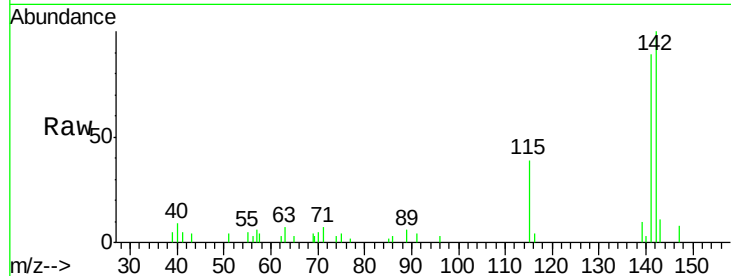
#37
 2-Methylnaphthalene
 Concen: 5.04 ng
 RT: 12.38 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 104B1A

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.5	111.7
115	38.8	29.7	44.5

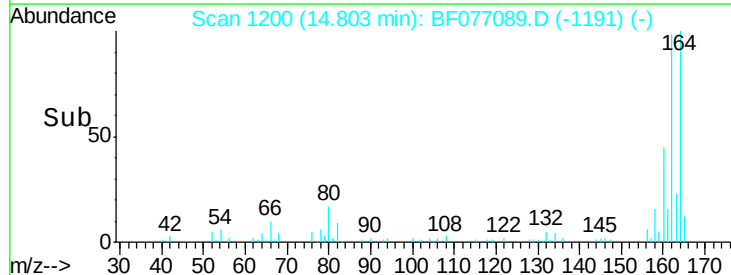
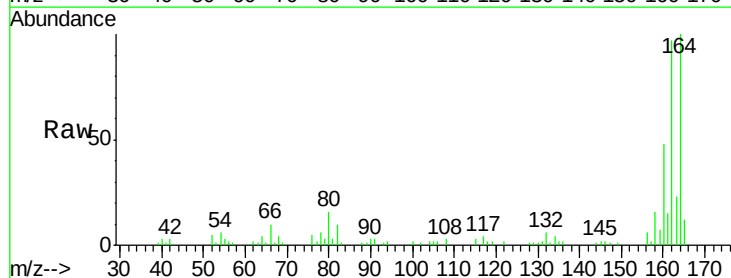
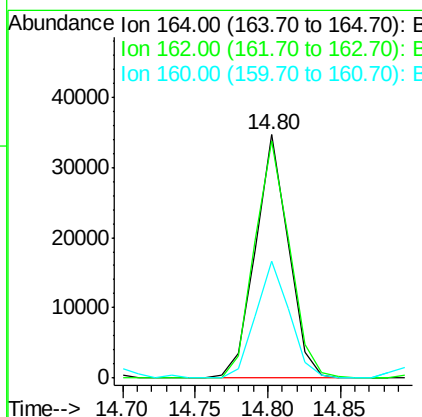
Manual Integrations
 APPROVED

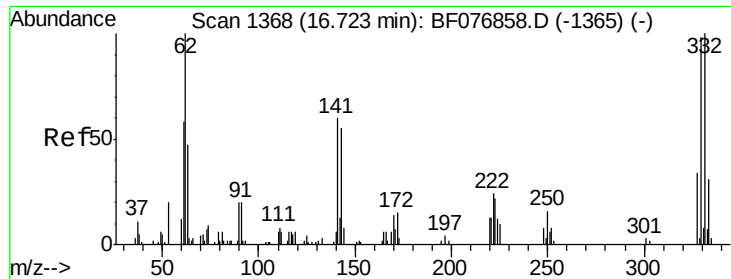
apatel
 1/28/2015 5:43:09 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.4	123.6
160	47.9	34.8	52.2





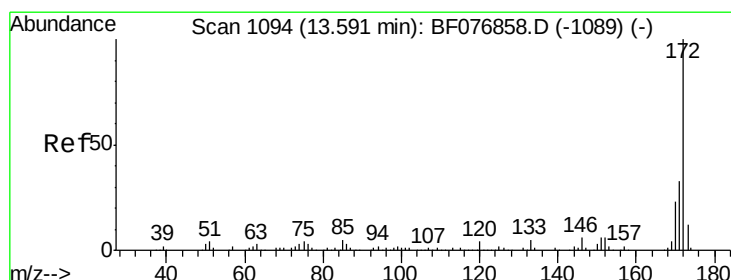
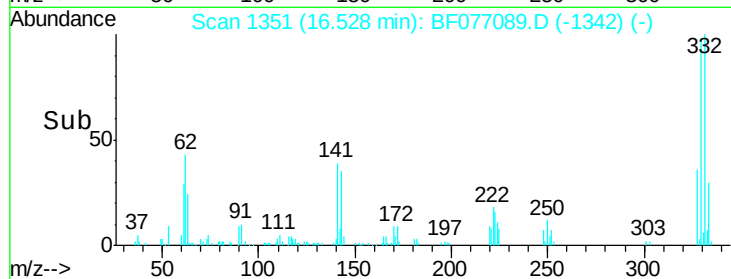
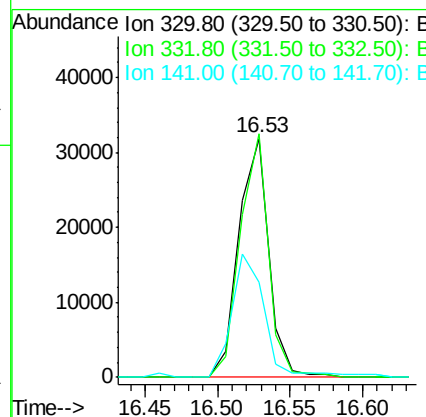
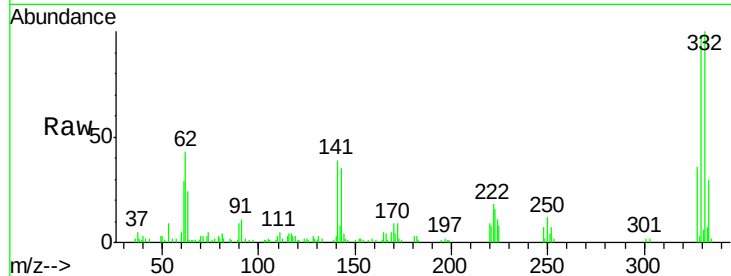
#41
 2,4,6-Tribromophenol
 Concen: 103.65 ng
 RT: 16.53 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 104B1A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	46047		
332	96.2	77.8	116.6	
141	55.9	38.5	57.7	

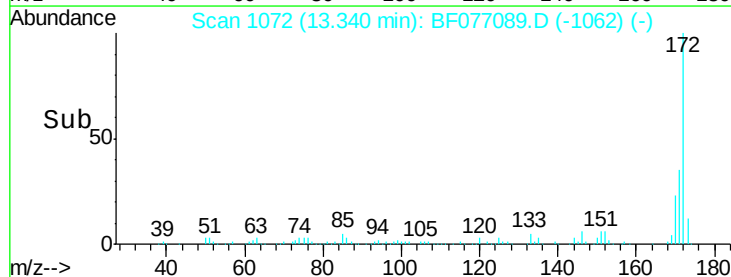
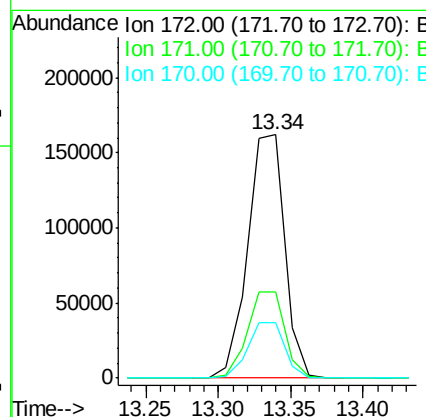
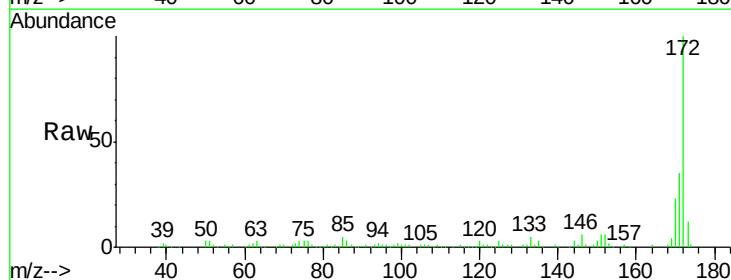
Manual Integrations
 APPROVED

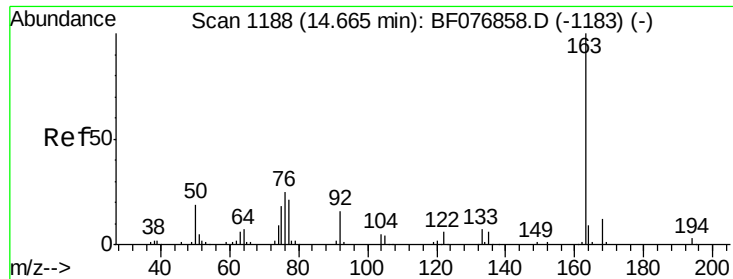
apatel
 1/28/2015 5:43:09 PM



#44
 2-Fluorobiphenyl
 Concen: 79.94 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	287488		
171	35.5	26.6	40.0	
170	23.0	18.0	27.0	





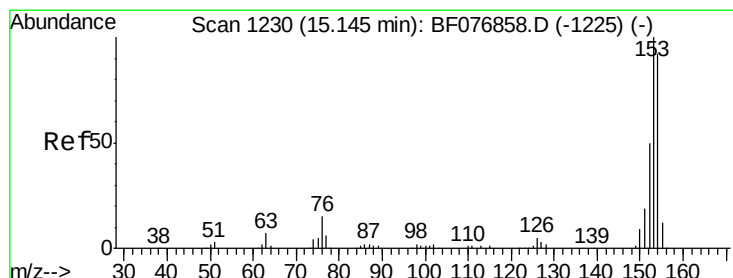
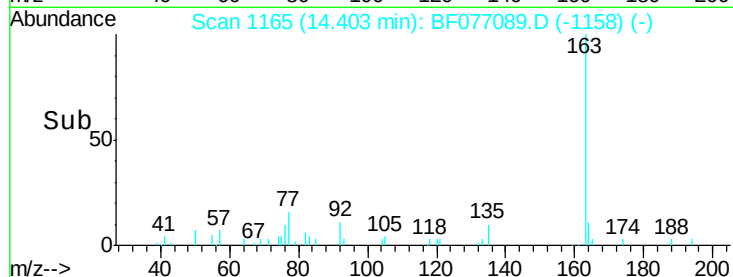
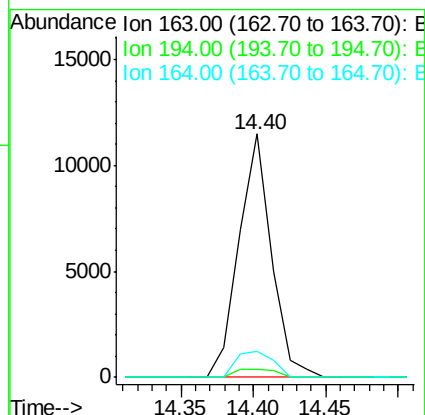
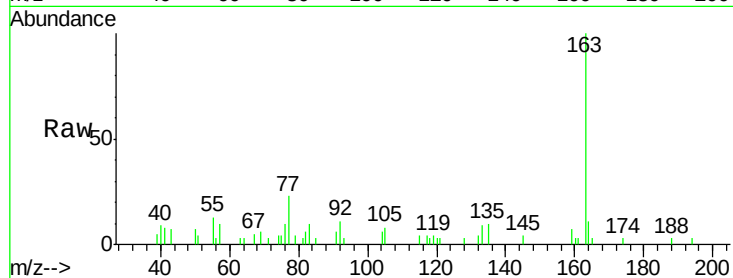
#49
Dimethylphthalate
Concen: 4.59 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Instrument :
BNA_F
ClientSampleId :
104B1A

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	17834		
194	3.2		2.6	4.0
164	10.6		7.5	11.3

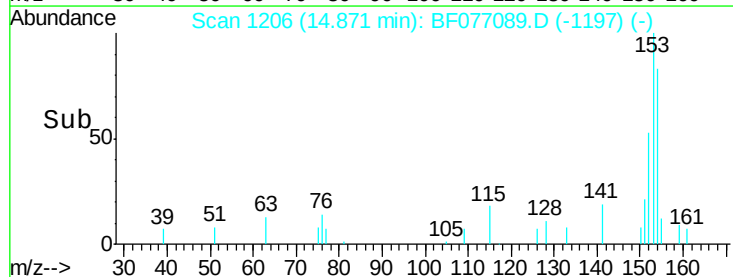
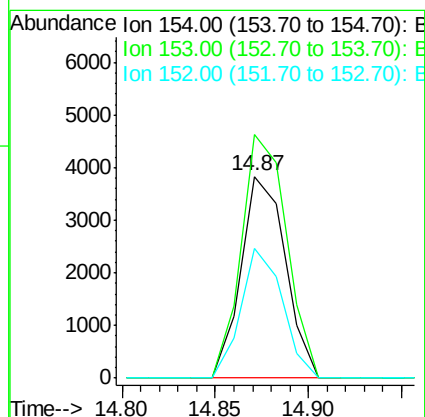
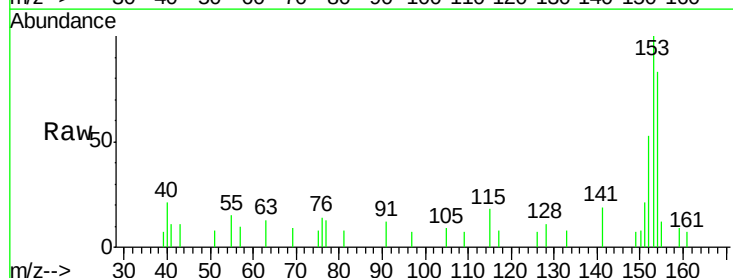
Manual Integrations
APPROVED

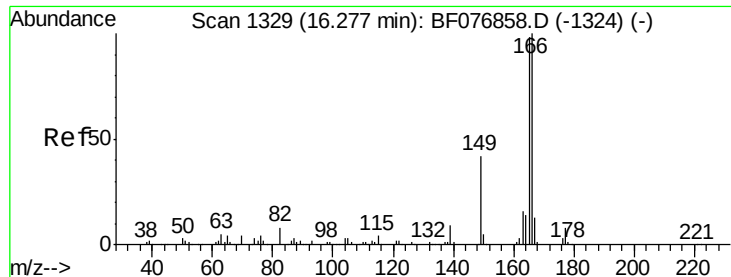
apatel
1/28/2015 5:43:09 PM



#51
Acenaphthene
Concen: 2.01 ng
RT: 14.87 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	6407		
153	120.8		87.0	130.6
152	64.4		43.5	65.3





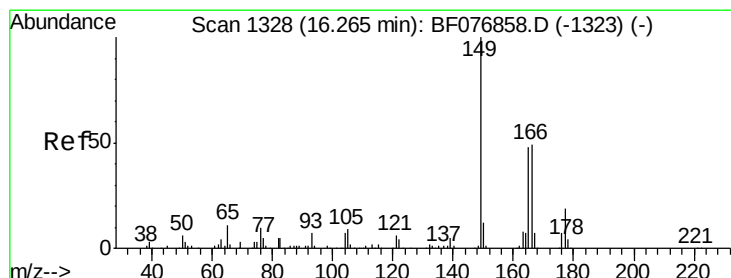
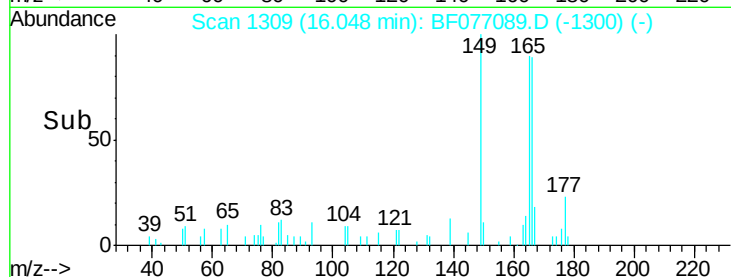
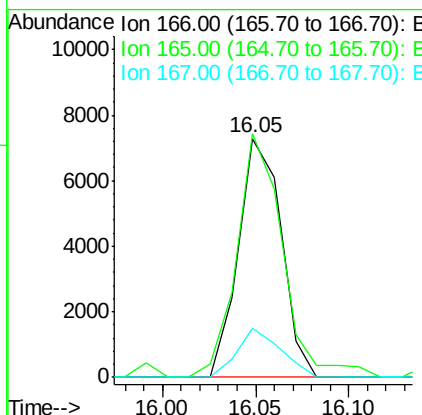
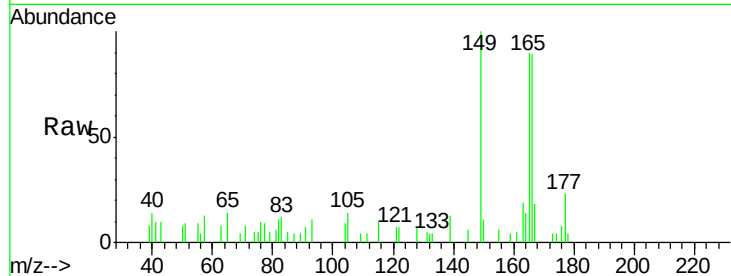
#57
 Fluorene
 Concen: 2.95 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 104B1A

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.5	117.7
167	20.4	10.4	15.6#

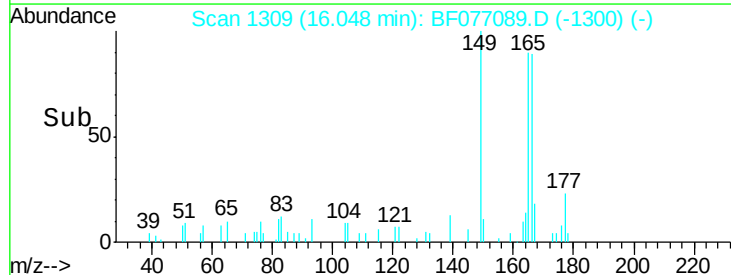
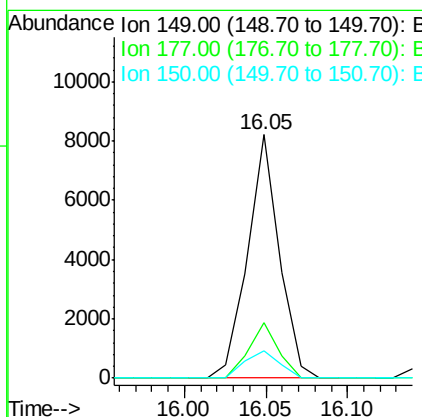
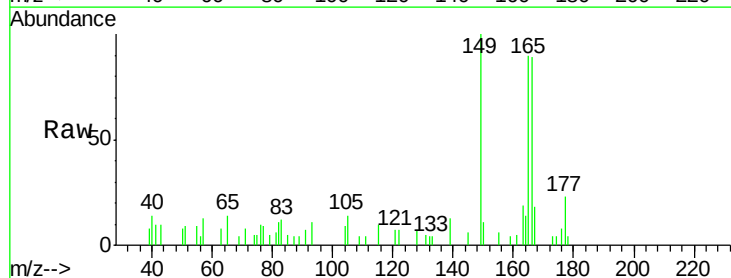
Manual Integrations
 APPROVED

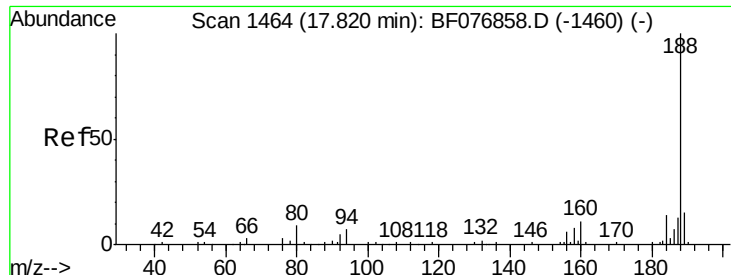
apatel
 1/28/2015 5:43:09 PM



#59
 Diethylphthalate
 Concen: 2.83 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	15.0	22.6#
150	11.0	9.4	14.0





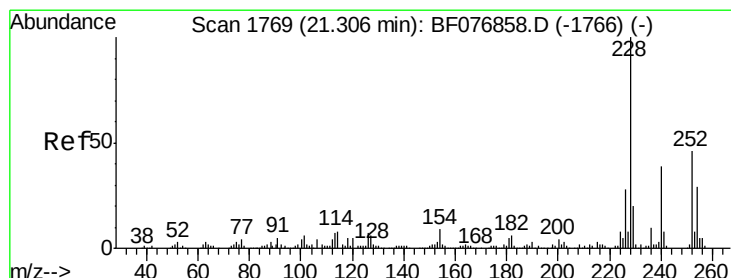
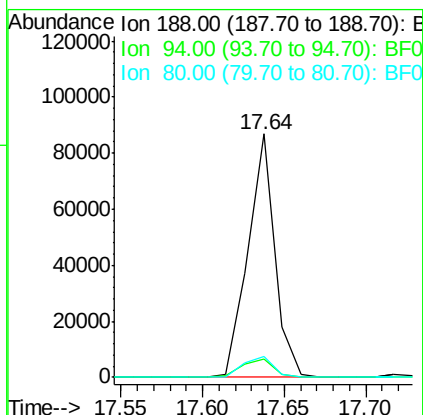
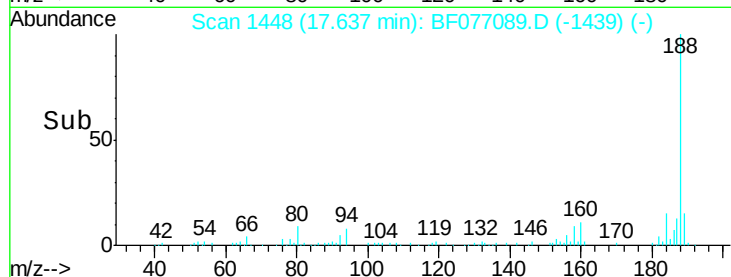
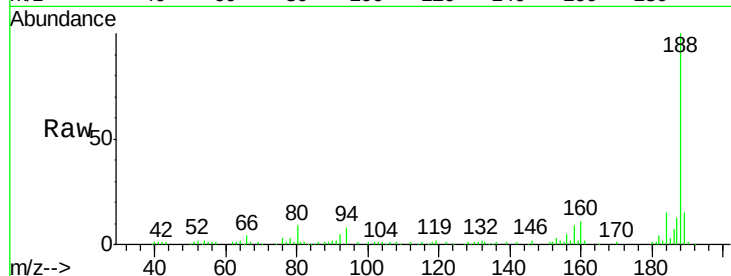
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Instrument :
BNA_F
ClientSampled :
104B1A

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	6.0	9.0
80	8.8	6.9	10.3

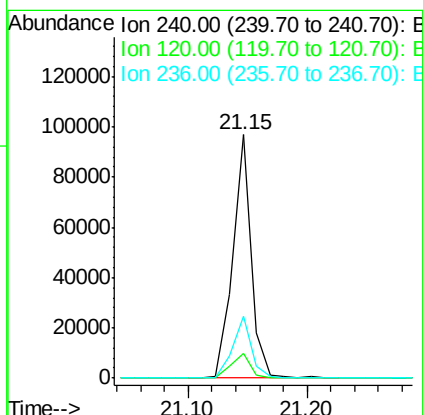
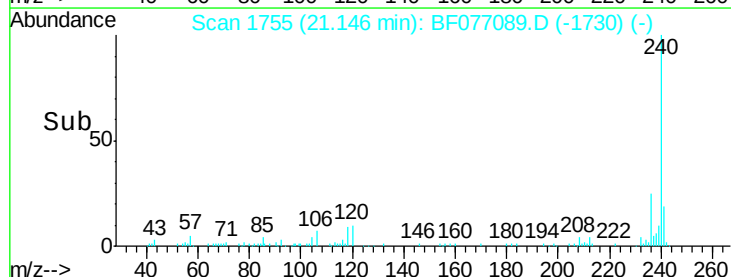
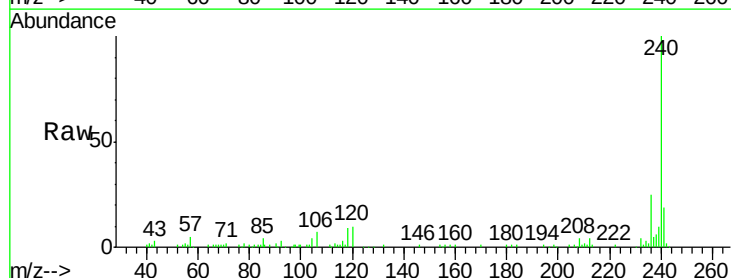
Manual Integrations
APPROVED

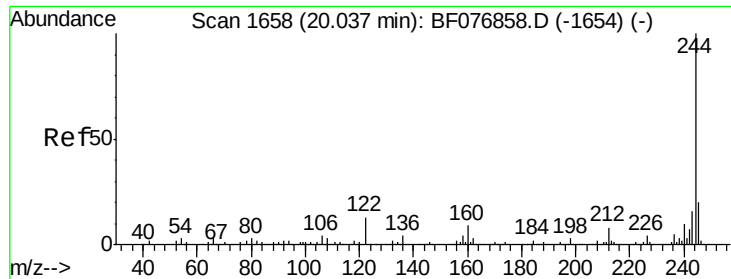
apatel
1/28/2015 5:43:09 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.1	10.4	15.6#
236	25.4	20.2	30.2





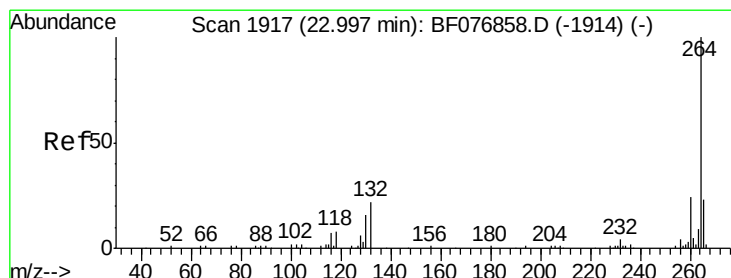
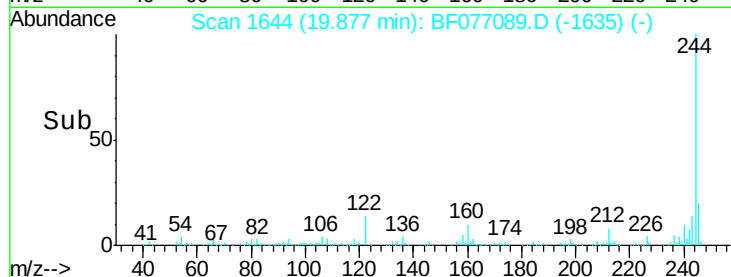
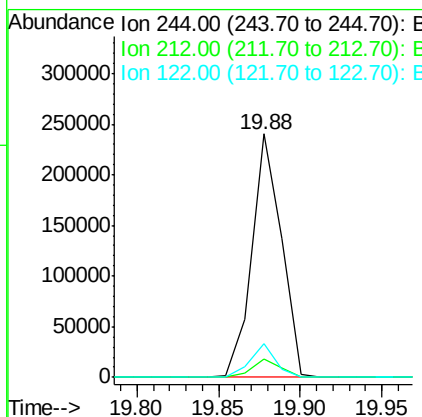
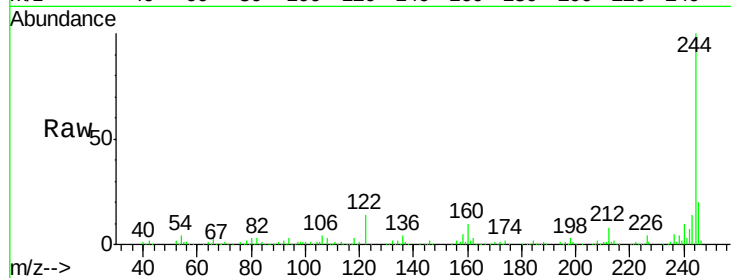
#78
 Terphenyl-d14
 Concen: 66.46 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 104B1A

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	6.3	9.5
122	13.6	10.1	15.1

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:43:09 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.88 min Scan# 1907
 Delta R.T. -0.08 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.0	28.4
265	21.9	18.1	27.1

