

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080049.D
 Acq On : 18 Jun 2015 17:04
 Operator : TP/IZ
 Sample : G2660-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1

Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:54 PM

Quant Time: Jun 19 03:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 01:33:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	43082	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	164700	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	104334	20.00	ng	0.01
63) Phenanthrene-d10	11.96	188	113573	20.00	ng	-0.02
75) Chrysene-d12	15.09	240	200276m	20.00	ng	-0.32
86) Perylene-d12	17.07	264	197904m	20.00	ng	-0.53
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	181714	74.66	ng	0.00
7) Phenol-d6	6.93	99	155181	47.92	ng	-0.01
23) Nitrobenzene-d5	7.89	82	382262	135.12	ng	0.00
41) 2,4,6-Tribromophenol	11.22	330	87315	85.58	ng	0.01
44) 2-Fluorobiphenyl	9.72	172	455537	62.27	ng	0.01
78) Terphenyl-d14	13.74	244	583820	68.08	ng	-0.17
Target Compounds						
31) Naphthalene	8.65	128	174198m	20.23	ng	Qvalue
37) 2-Methylnaphthalene	9.36	142	355330	63.79	ng	# 89
45) 1,1'-Biphenyl	9.82	154	410091	48.31	ng	93
57) Fluorene	10.97	166	338883	42.80	ng	# 67
70) Phenanthrene	11.98	178	1115390m	162.22	ng	

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

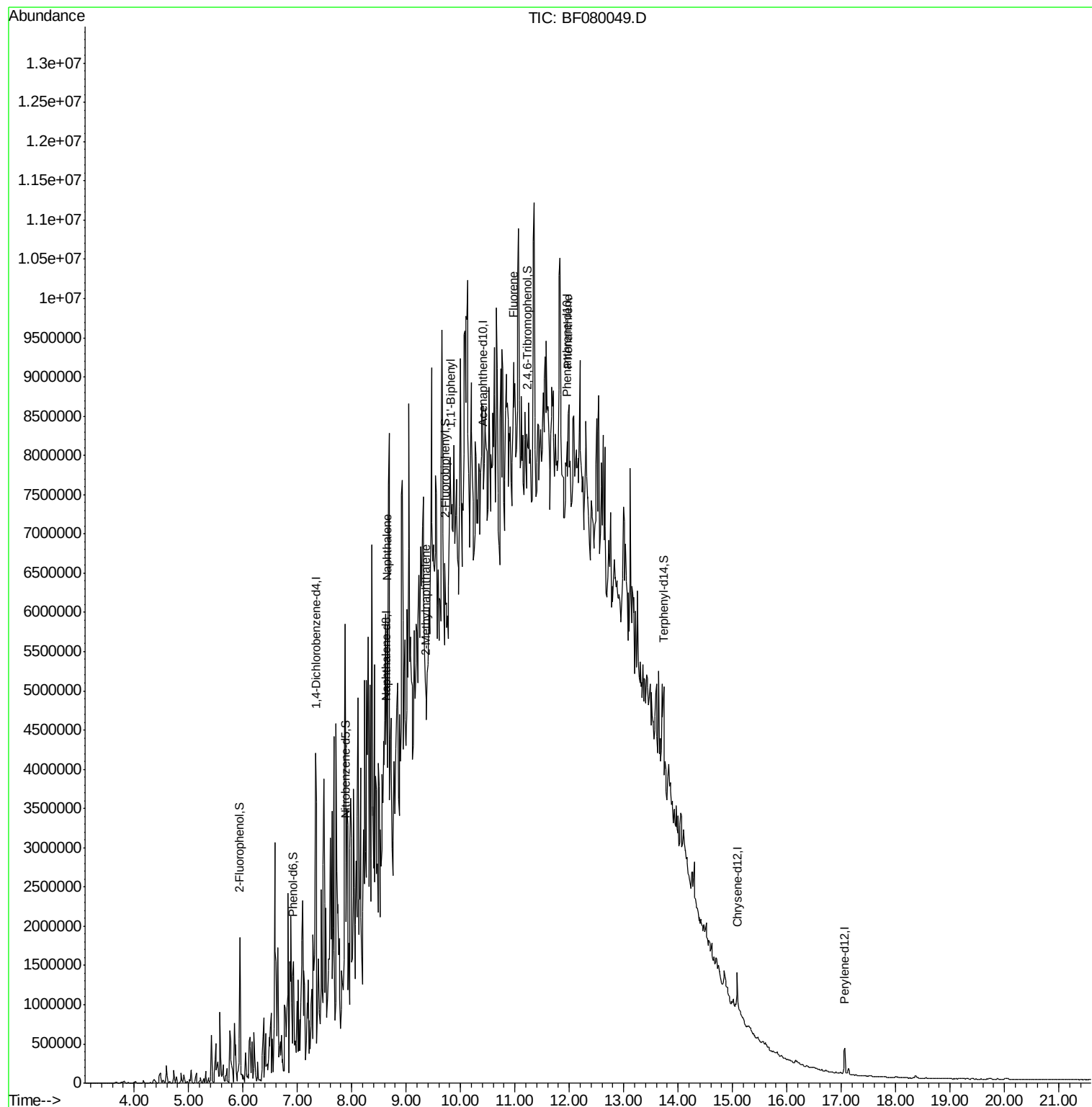
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

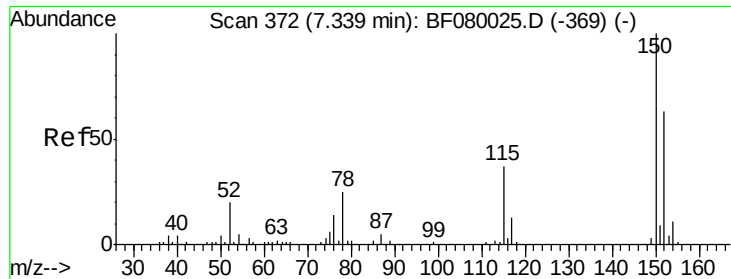
Instrument :
BNA_F
ClientSampleId :
W1

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:54 PM

Quant Time: Jun 19 03:20:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 01:33:10 2015
Response via : Initial Calibration





#1

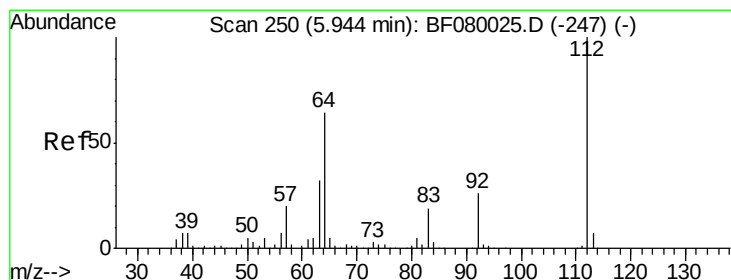
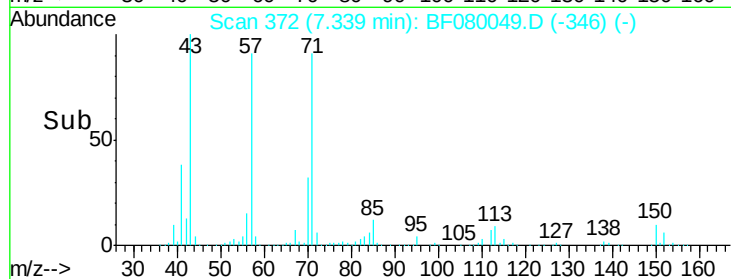
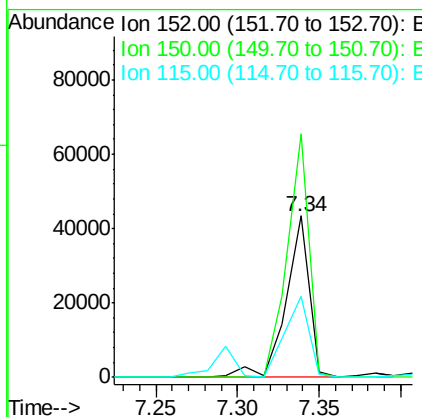
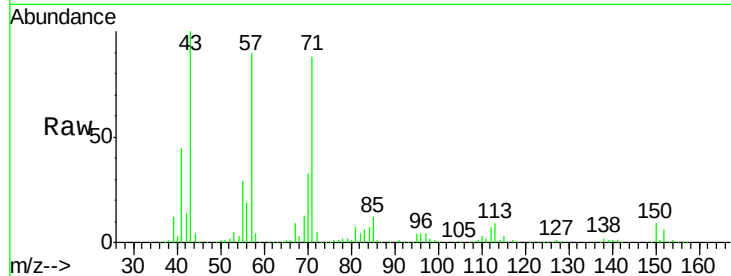
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Instrument :
BNA_F
ClientSampled :
W1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.7	187.1
115	49.9	39.0	58.4

Manual Integrations
APPROVED

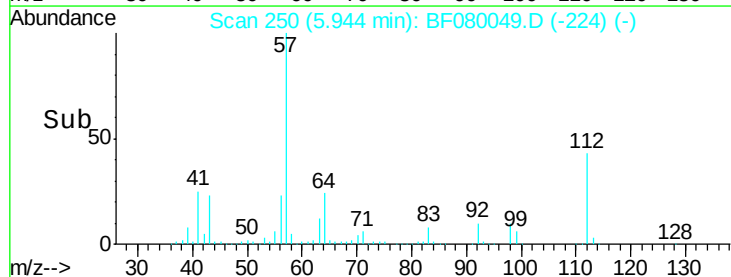
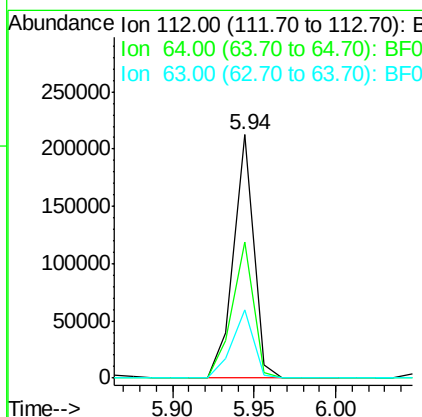
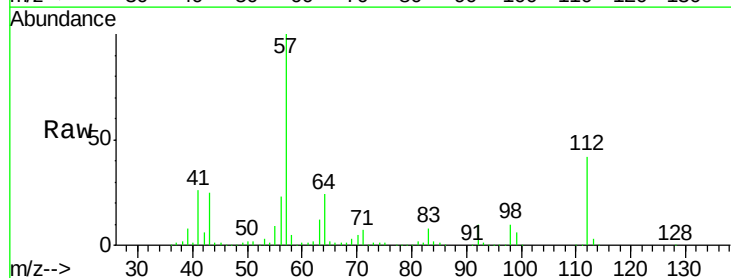
apatel
6/19/2015 1:31:54 PM

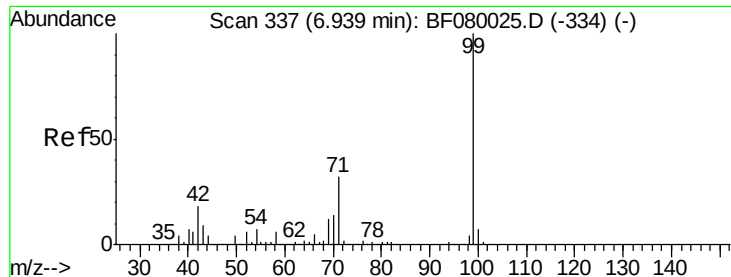


#5

2-Fluorophenol
Concen: 74.66 ng
RT: 5.94 min Scan# 250
Delta R.T. -0.00 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	39.7	59.5
63	28.2	17.4	26.0





#7

Phenol-d6

Concen: 47.92 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampled :

W1

Tgt Ion: 99 Resp: 155181
Ion Ratio Lower Upper

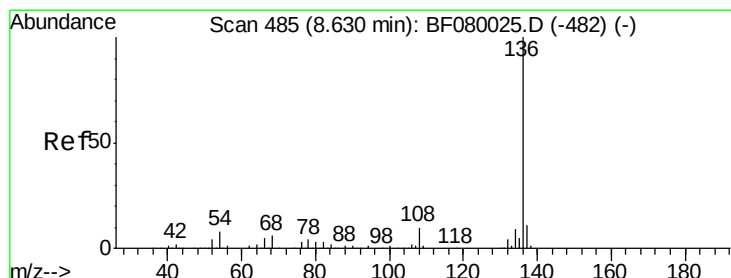
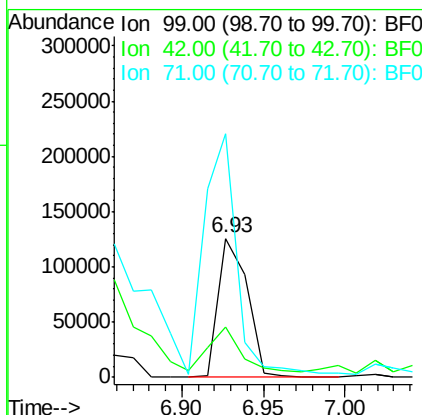
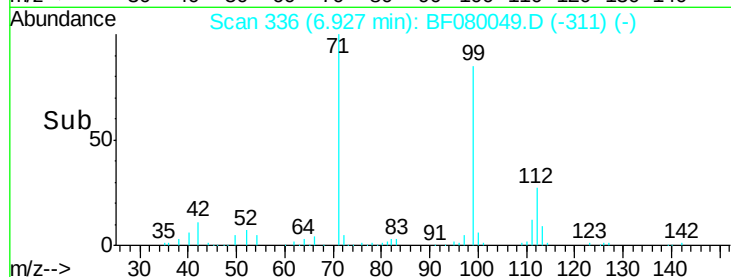
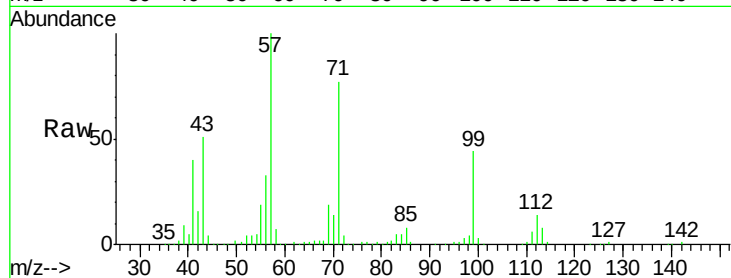
99 100

42 36.6 13.7 20.5#

71 175.2 14.2 21.2#

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:54 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

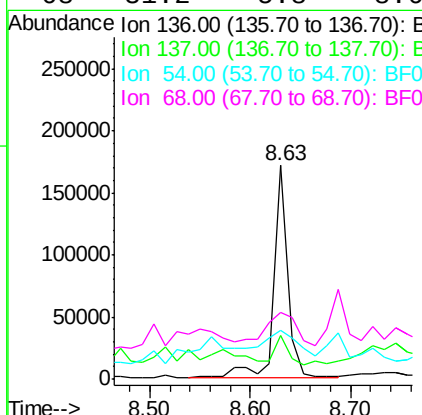
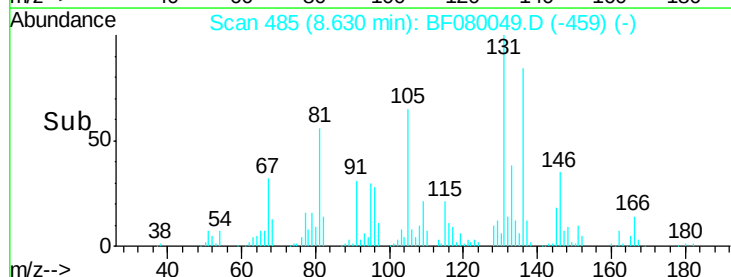
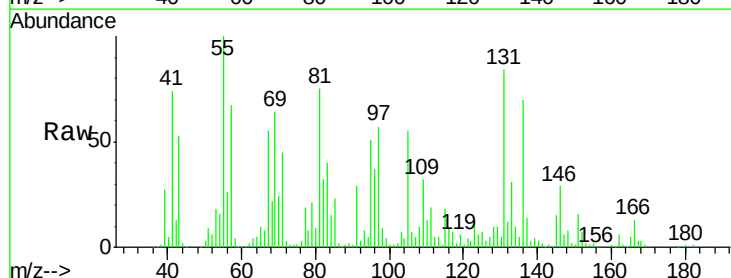
Tgt Ion: 136 Resp: 164700
Ion Ratio Lower Upper

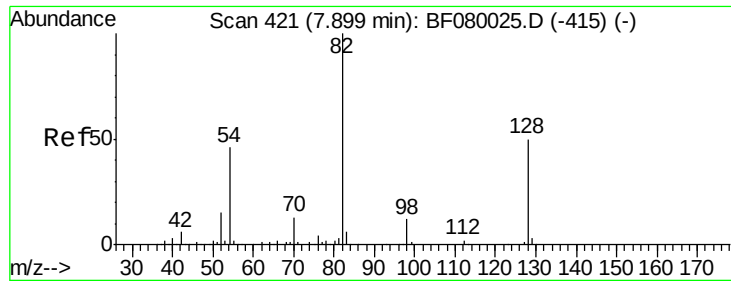
136 100

137 20.4 9.0 13.6#

54 22.6 8.2 12.2#

68 31.2 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 135.12 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

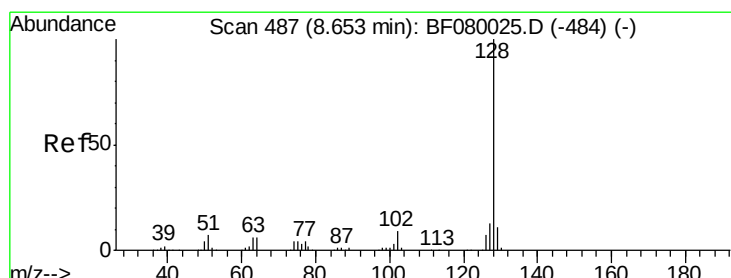
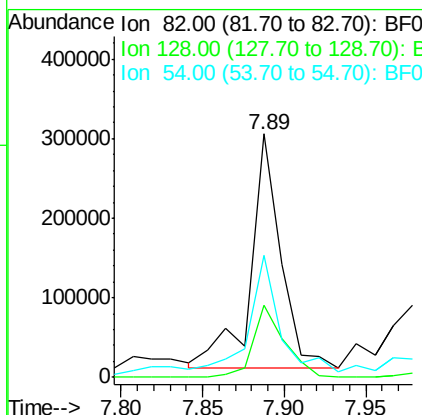
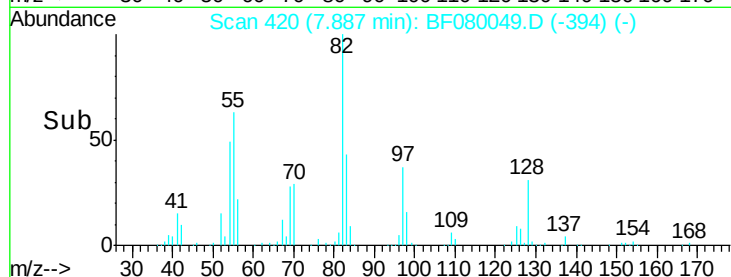
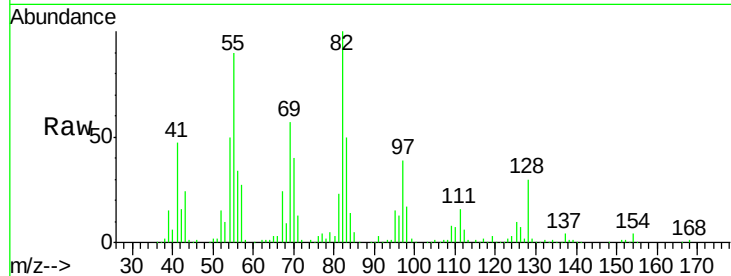
ClientSampled :

W1

Tgt Ion:	82	Resp:	382262
Ion Ratio	Lower	Upper	
82	100		
128	29.5	51.0	76.6#
54	50.1	47.5	71.3

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:54 PM



#31

Naphthalene

Concen: 20.23 ng m

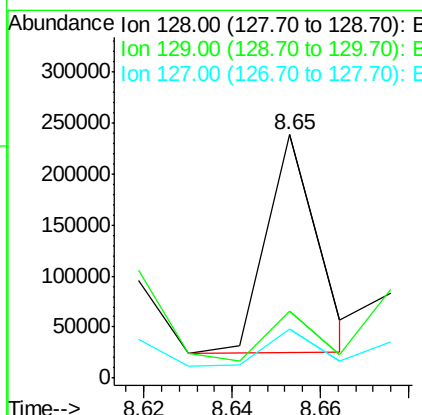
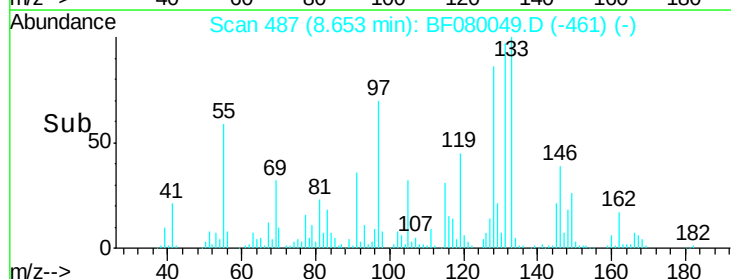
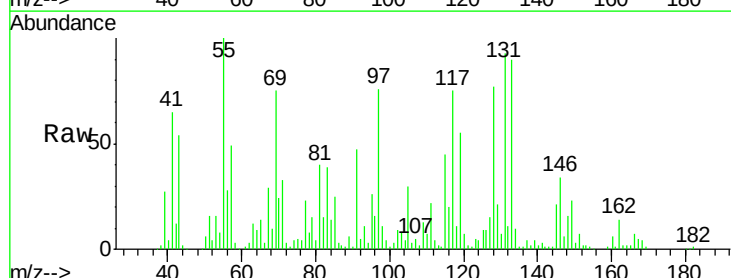
RT: 8.65 min Scan# 487

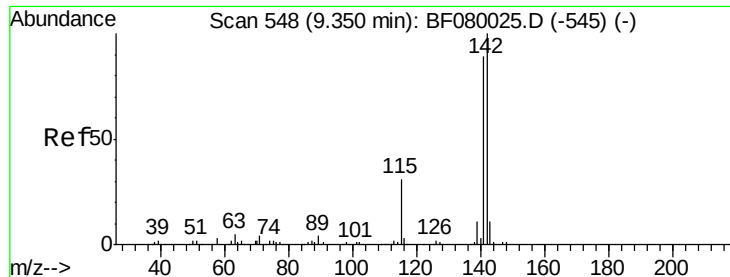
Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Tgt Ion:	128	Resp:	174198
Ion Ratio	Lower	Upper	
128	100		
129	27.8	8.4	12.6#
127	20.1	9.9	14.9#





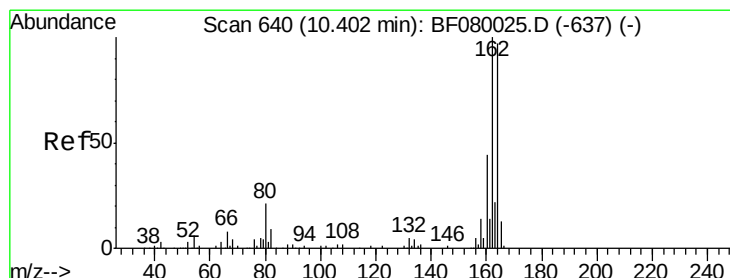
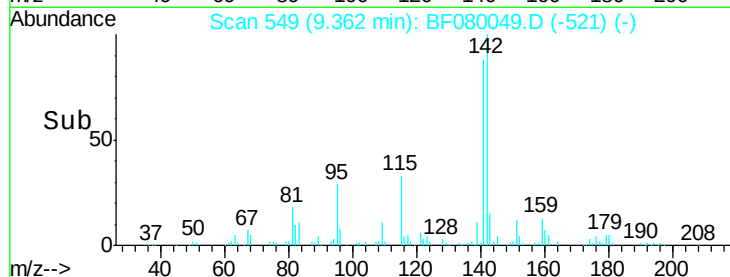
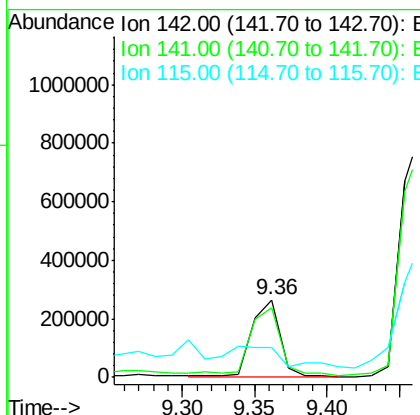
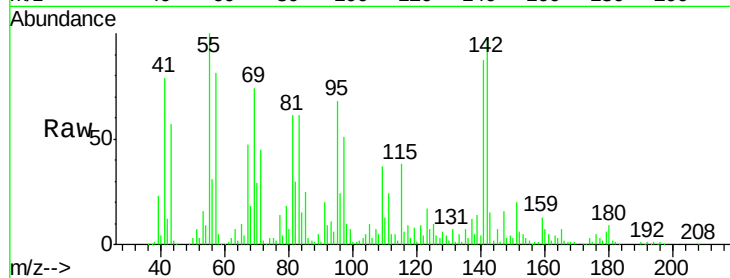
#37
2-Methylnaphthalene
Concen: 63.79 ng
RT: 9.36 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Instrument :
BNA_F
ClientSampled :
W1

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.5	101.3
115	38.6	18.2	27.2

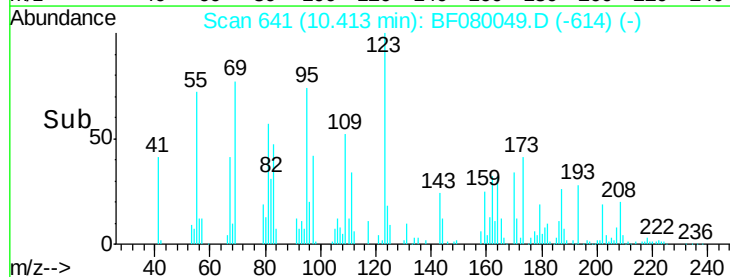
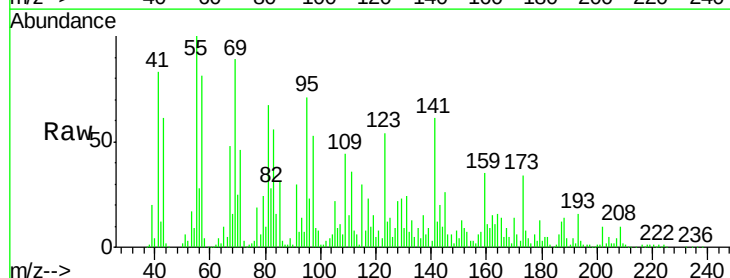
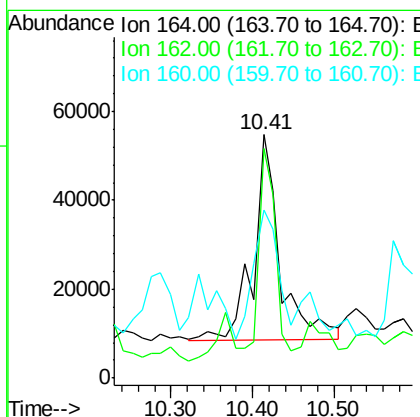
Manual Integrations
APPROVED

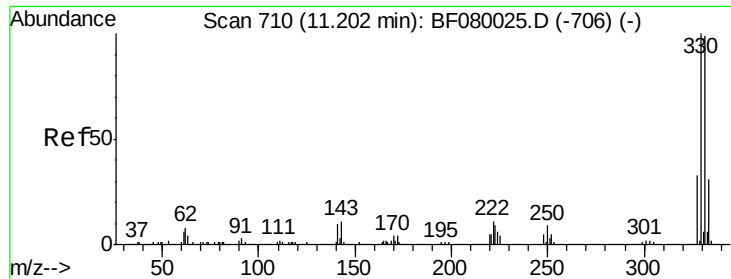
apatel
6/19/2015 1:31:54 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.5	75.2	112.8
160	69.2	31.5	47.3





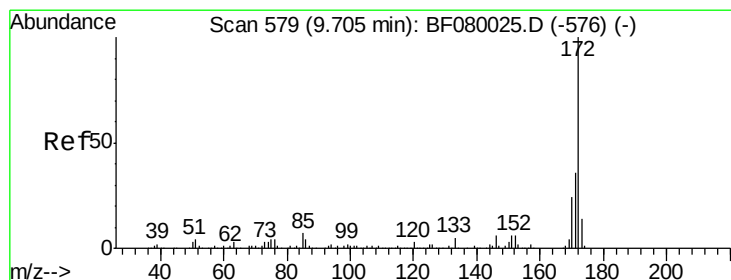
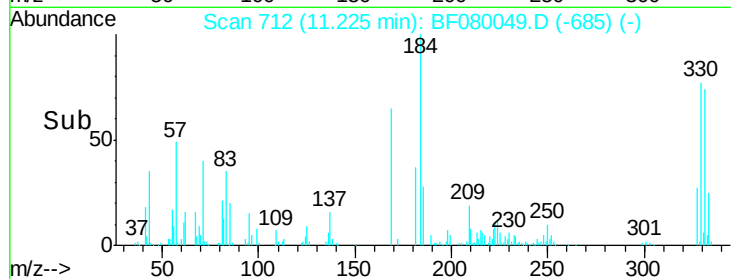
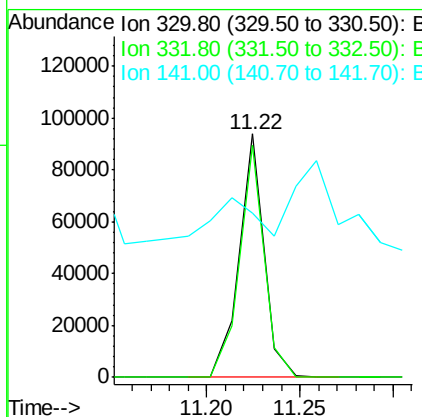
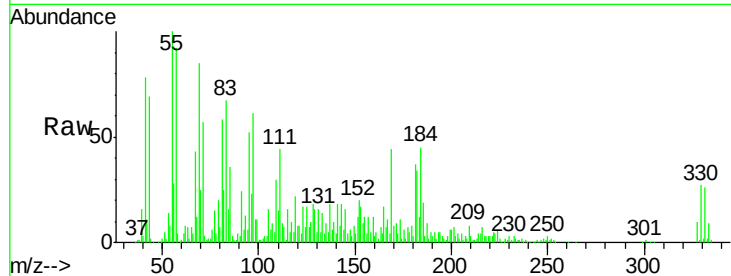
#41
 2,4,6-Tribromophenol
 Concen: 85.58 ng
 RT: 11.22 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

Instrument :
 BNA_F
 ClientSampled :
 W1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	32.4	29.7	44.5

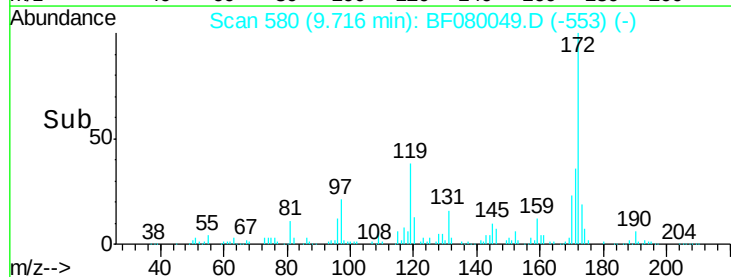
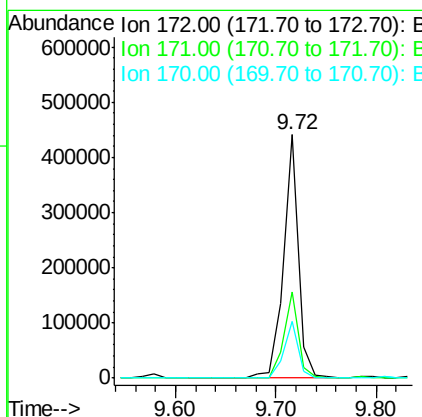
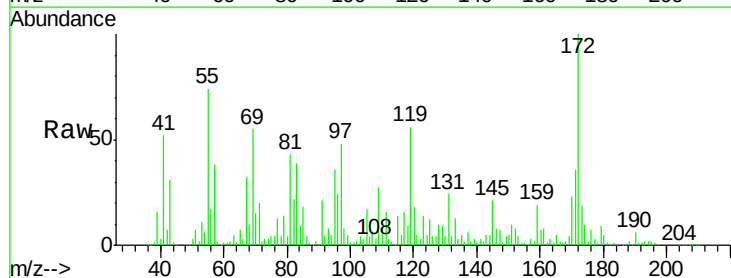
Manual Integrations
 APPROVED

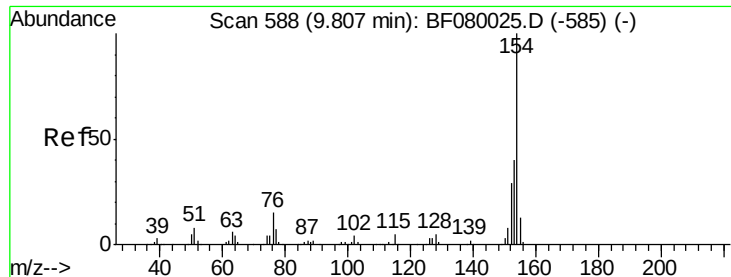
apatel
 6/19/2015 1:31:54 PM



#44
 2-Fluorobiphenyl
 Concen: 62.27 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.3	17.4	26.2





#45

1,1'-Biphenyl

Concen: 48.31 ng

RT: 9.82 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampled :

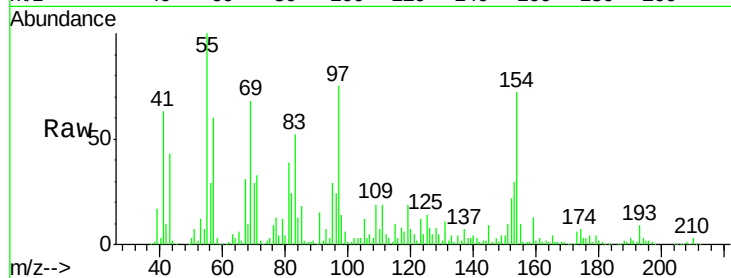
W1

Manual Integrations
APPROVED

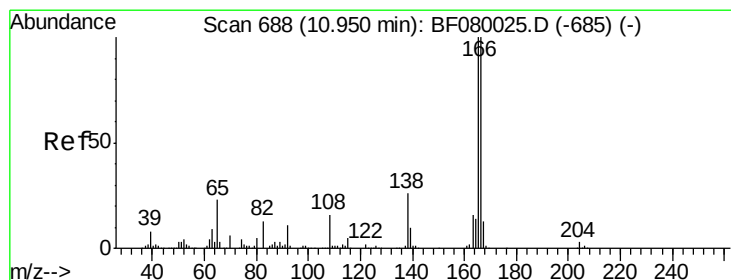
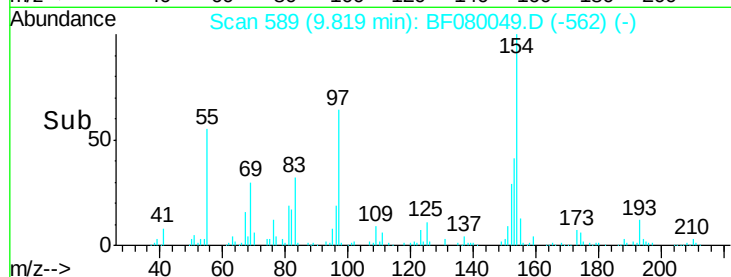
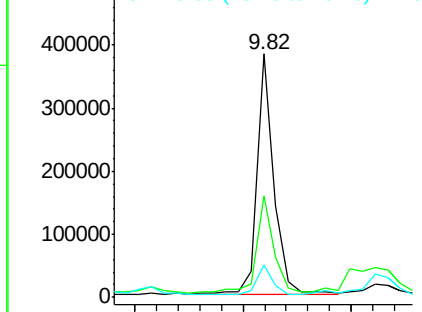
apatel

6/19/2015 1:31:54 PM

Tgt Ion:	154	Resp:	410091
Ion Ratio	Lower	Upper	
154	100		
153	41.8	17.1	57.1
76	13.2	0.0	31.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#57

Fluorene

Concen: 42.80 ng

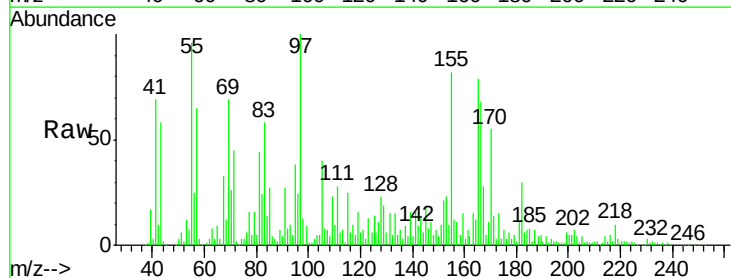
RT: 10.97 min Scan# 690

Delta R.T. 0.01 min

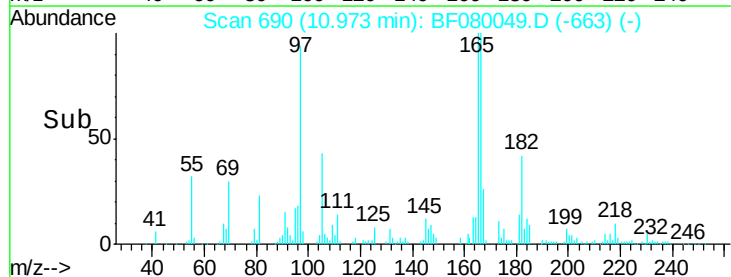
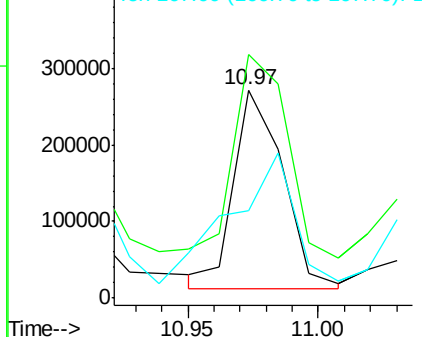
Lab File: BF080049.D

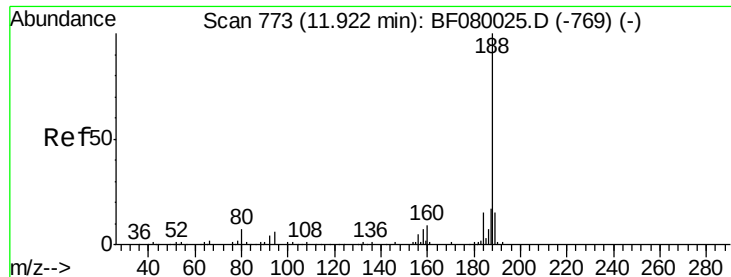
Acq: 18 Jun 2015 17:04

Tgt Ion:	166	Resp:	338883
Ion Ratio	Lower	Upper	
166	100		
165	117.0	72.6	109.0#
167	41.9	10.6	16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





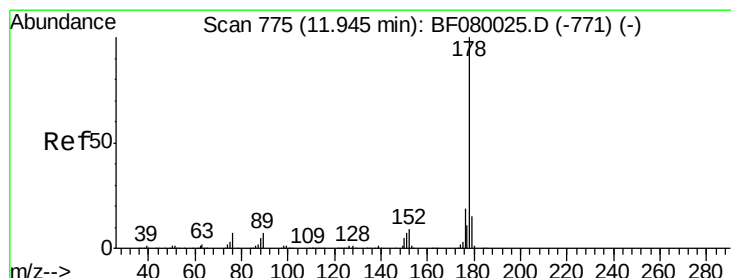
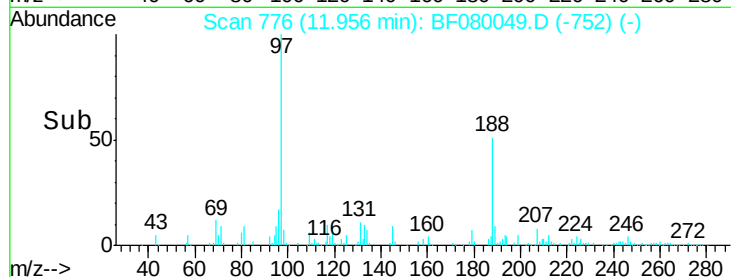
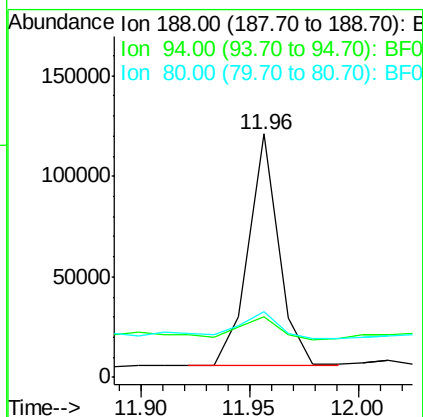
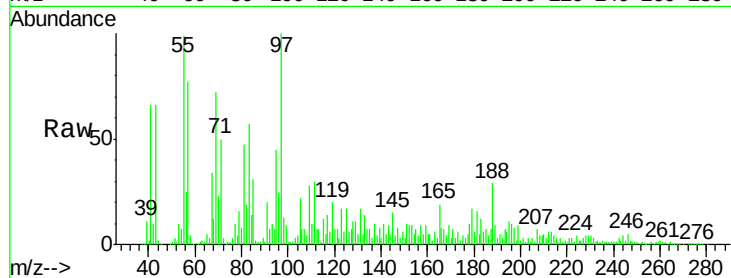
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.96 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Instrument :
BNA_F
ClientSampleId :
W1

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	25.0	11.1	16.7#
80	26.7	11.0	16.4#

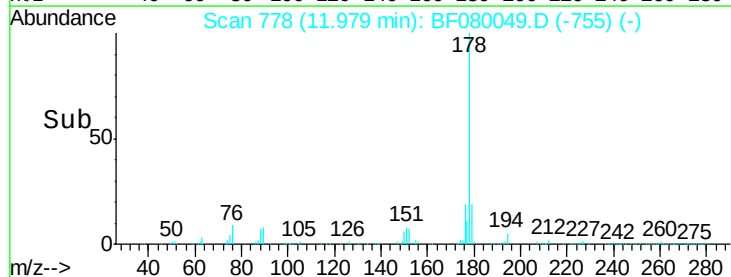
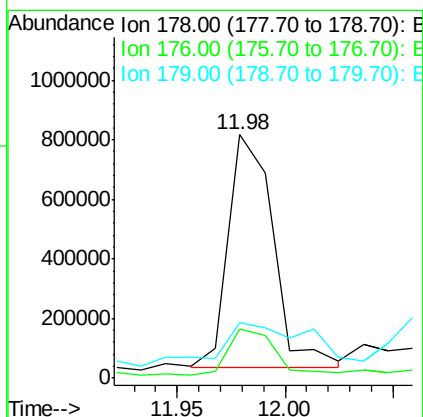
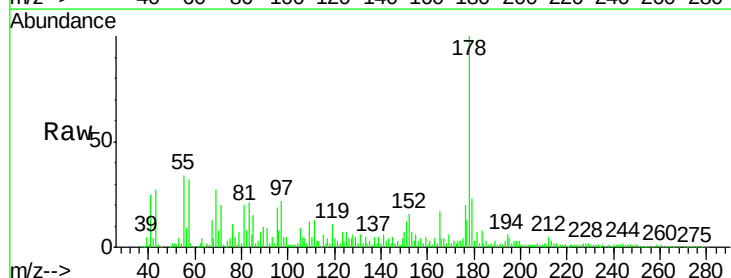
Manual Integrations
APPROVED

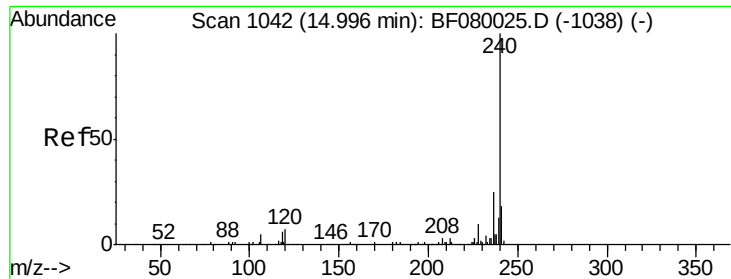
apatel
6/19/2015 1:31:54 PM



#70
Phenanthrene
Concen: 162.22 ng m
RT: 11.98 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.3	13.8	20.8
179	22.8	12.2	18.2#





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 15.09 min Scan# 1050

Delta R.T. -0.32 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

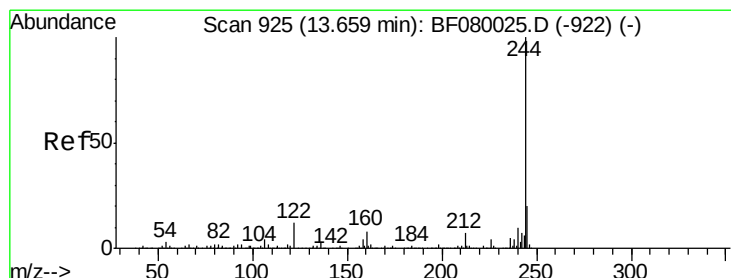
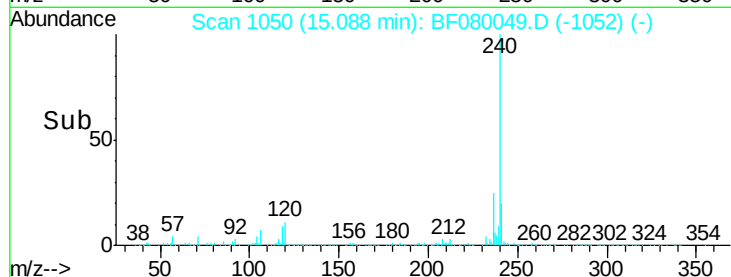
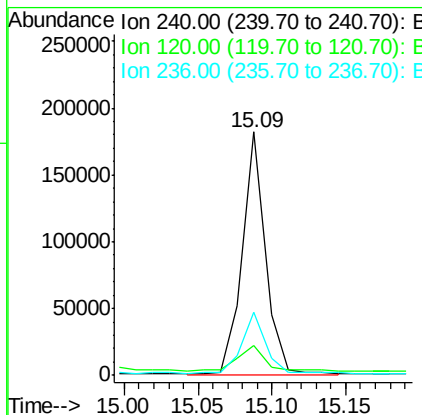
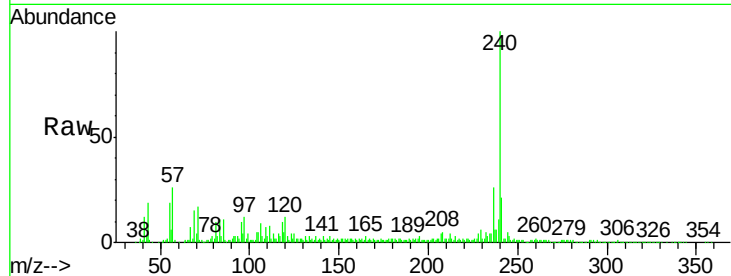
ClientSampled :

W1

Tgt Ion:	240	Resp:	200276
Ion Ratio		Lower	Upper
240	100		
120	12.4	16.2	24.2#
236	26.1	18.4	27.6

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:54 PM



#78

Terphenyl-d14

Concen: 68.08 ng

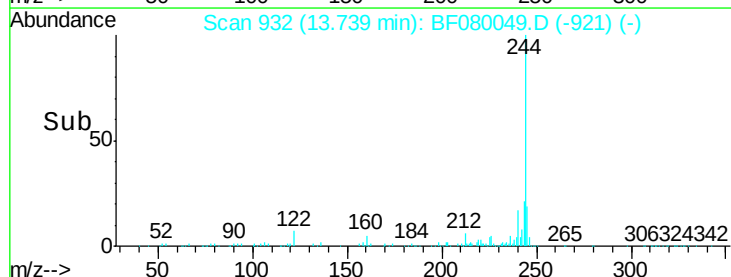
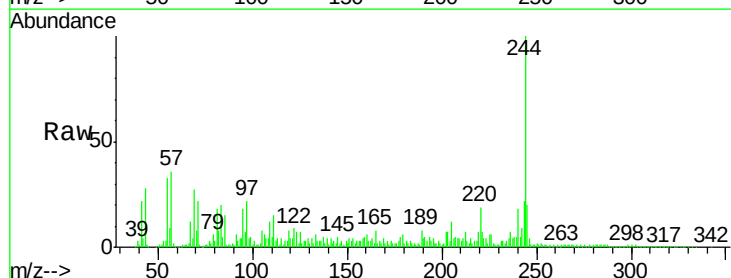
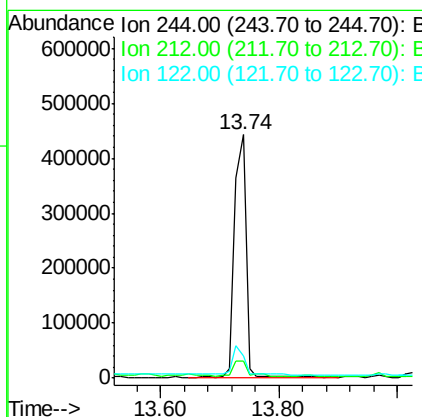
RT: 13.74 min Scan# 932

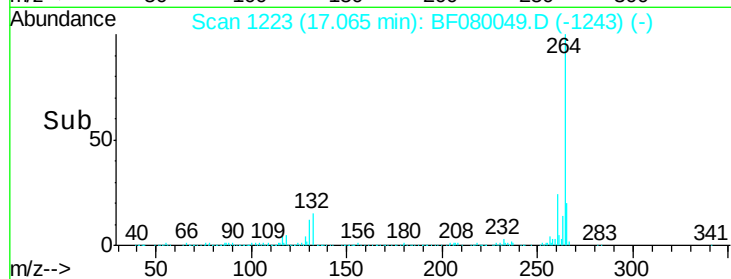
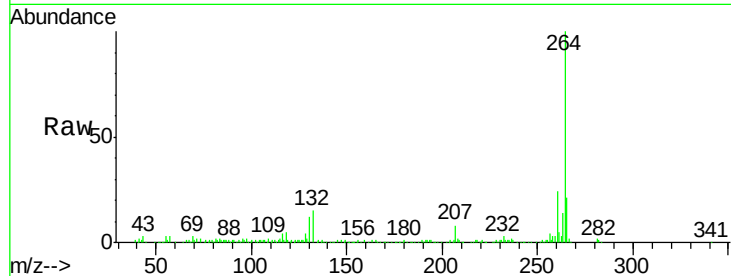
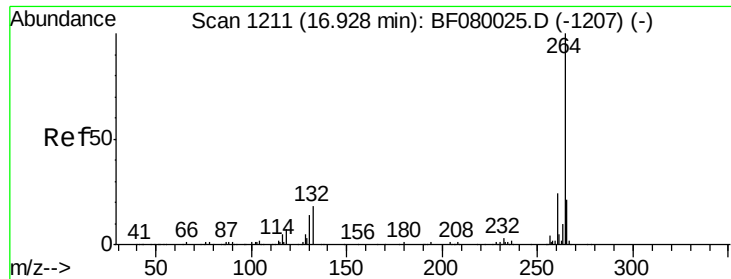
Delta R.T. -0.17 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Tgt Ion:	244	Resp:	583820
Ion Ratio		Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	9.1	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng m
RT: 17.07 min Scan# 1223
Delta R.T. -0.53 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Instrument :
BNA_F
ClientSampleId :
W1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	20.9	17.2	25.8

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:54 PM

