

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
 Data File : BF090426.D
 Acq On : 6 Oct 2016 18:58
 Operator : UM/SJ
 Sample : H5068-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S36-9003

Manual Integrations
 APPROVED

sohil
 10/7/2016 7:02:44 PM

Quant Time: Oct 06 19:28:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	200394	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	886888	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	438346	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	765895	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	594587	20.00	ng	-0.02
86) Perylene-d12	15.69	264	437969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1255964	93.54	ng	0.00
7) Phenol-d6	6.61	99	1624715	92.39	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1127071	61.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	283609	79.57	ng	-0.02
44) 2-Fluorobiphenyl	9.37	172	1825443	69.38	ng	-0.01
78) Terphenyl-d14	13.13	244	1693099	64.02	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	690888	24.61	ng	98
74) Fluoranthene	12.75	202	99468	2.59	ng	93
77) Pyrene	12.98	202	95326	2.40	ng	95

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

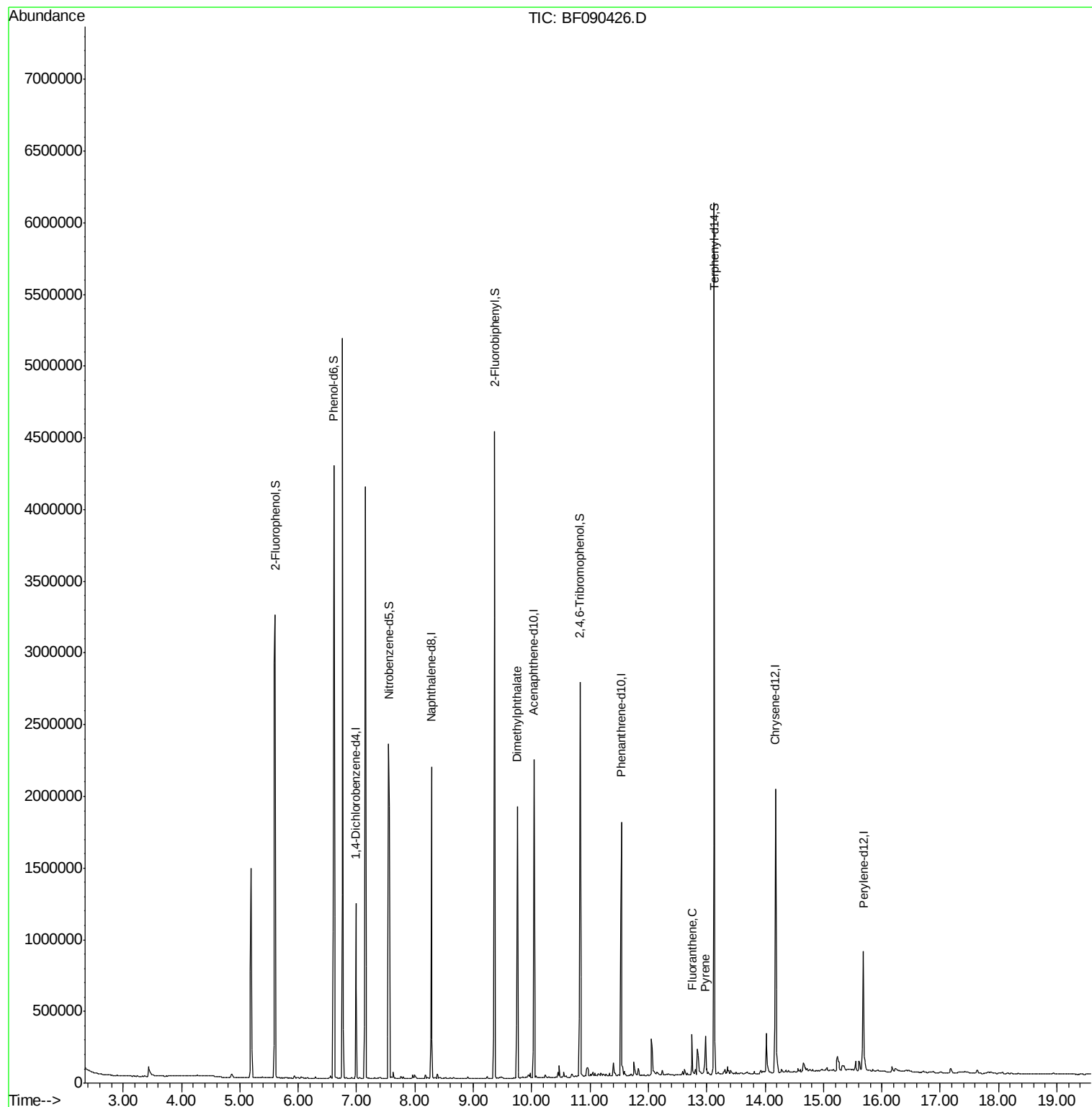
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090426.D
Acq On : 6 Oct 2016 18:58
Operator : UM/SJ
Sample : H5068-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

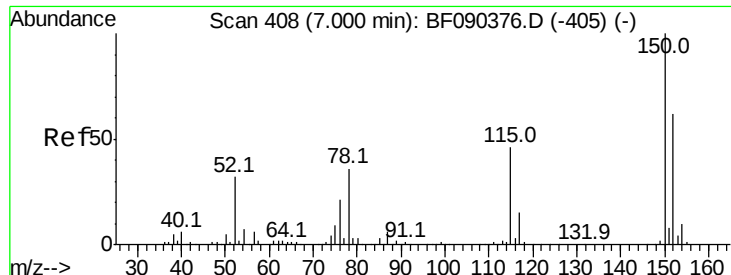
Instrument :
BNA_F
ClientSampleId :
S36-9003

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:44 PM

Quant Time: Oct 06 19:28:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

ClientSampled :

S36-9003

Tot Ion:152 Resp: 200394

Ion Ratio Lower Upper

152 100

150 162.3 124.6 186.8

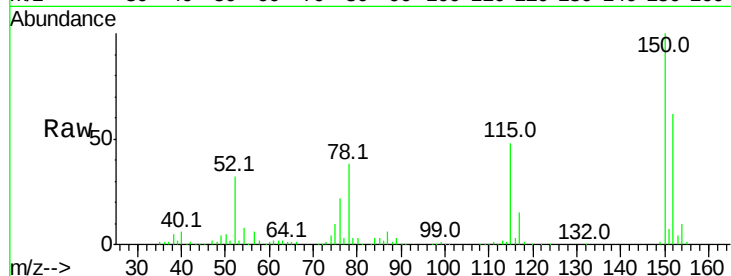
115 77.3 46.2 69.4#

Manual Integrations

APPROVED

sohil

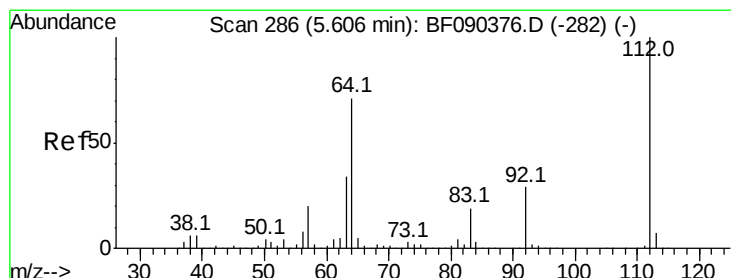
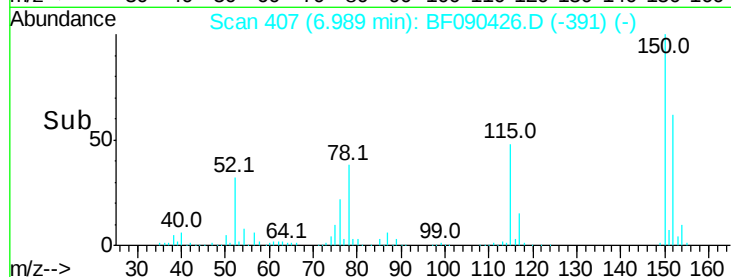
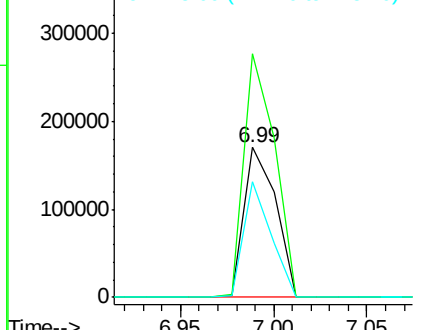
10/7/2016 7:02:44 PM



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: 93.54 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

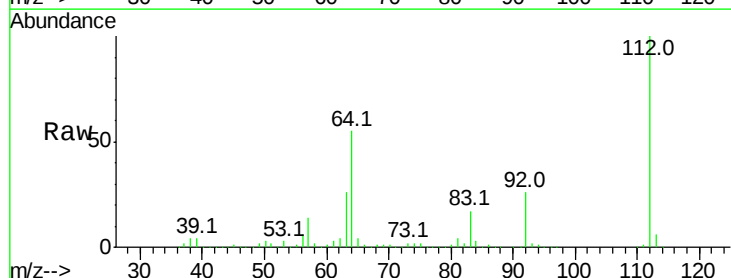
Tgt Ion:112 Resp: 1255964

Ion Ratio Lower Upper

112 100

64 54.8 57.9 86.9#

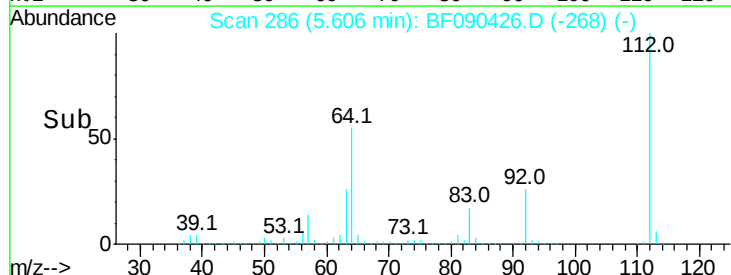
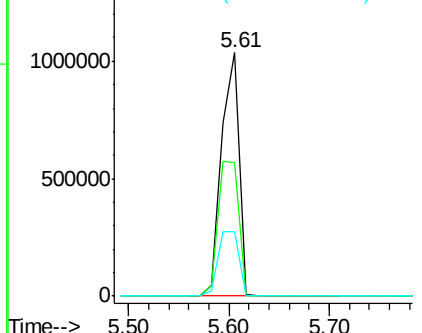
63 26.2 29.6 44.4#

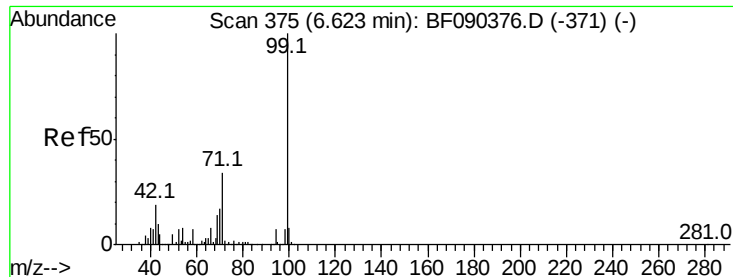


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.39 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

ClientSampleId :

S36-9003

Tot Ion: 99 Resp: 1624715

Ion Ratio Lower Upper

99 100

42 17.3 20.0 30.0#

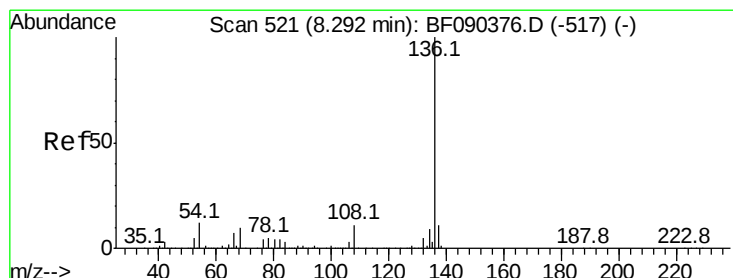
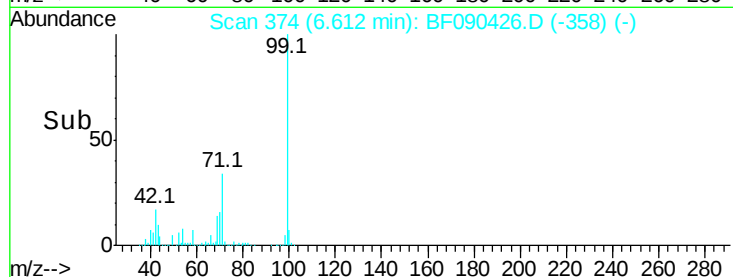
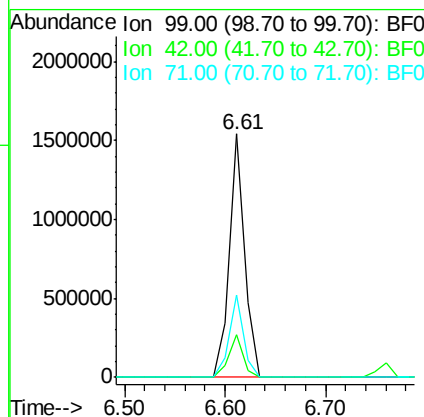
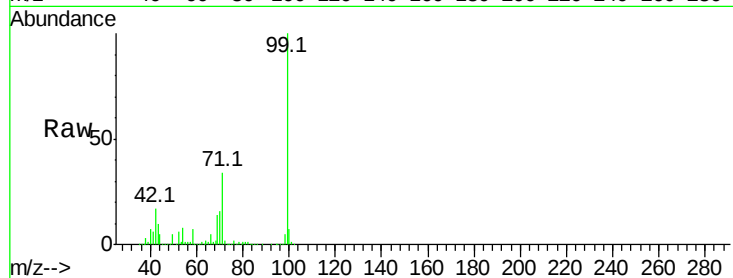
71 33.7 27.9 41.9

Manual Integrations

APPROVED

sohil

10/7/2016 7:02:44 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Tgt Ion: 136 Resp: 886888

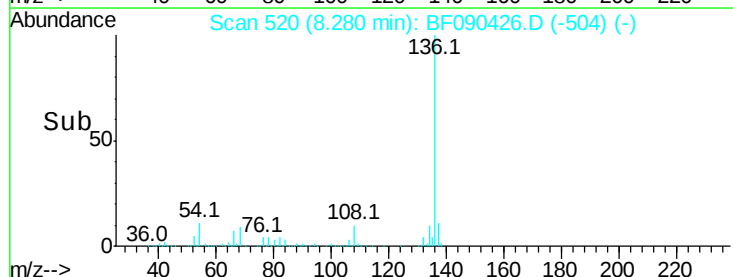
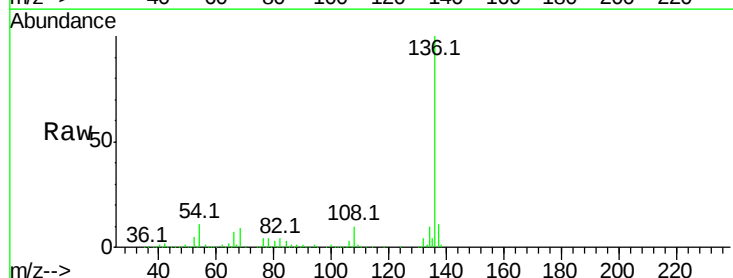
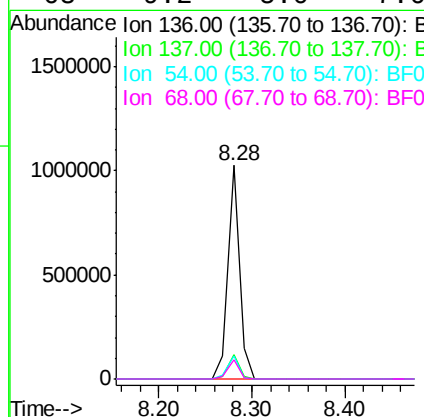
Ion Ratio Lower Upper

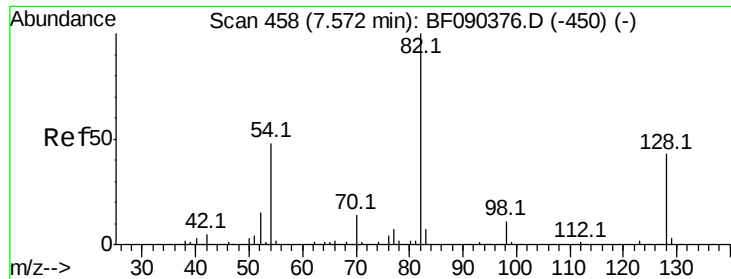
136 100

137 11.3 9.0 13.6

54 10.6 6.6 10.0#

68 9.2 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 61.82 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

ClientSampled :

S36-9003

Tot Ion: 82 Resp: 1127071

Ion Ratio Lower Upper

82 100

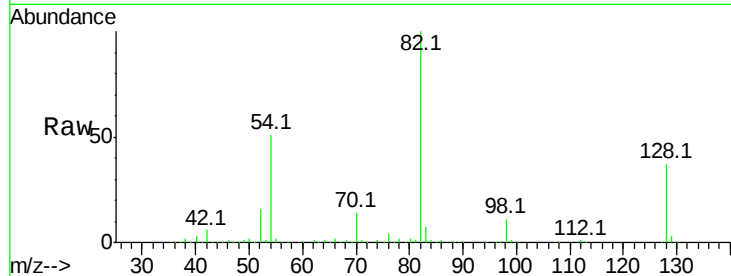
128 36.6 40.0 60.0#

54 51.5 42.6 64.0

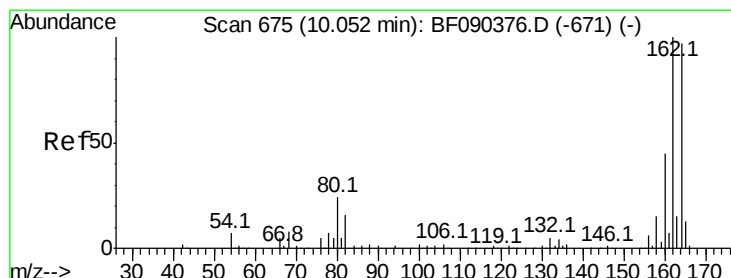
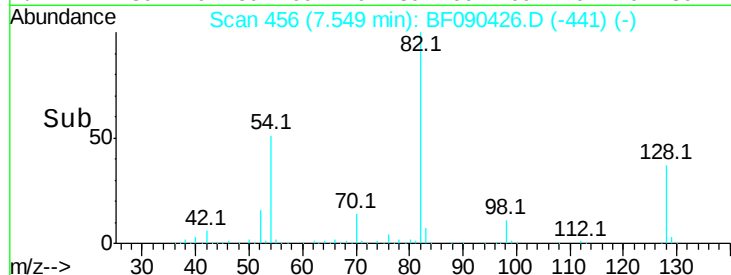
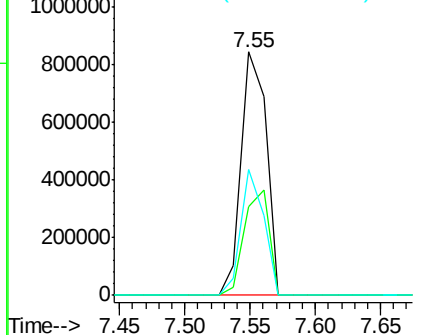
Manual Integrations
APPROVED

sohil

10/7/2016 7:02:44 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

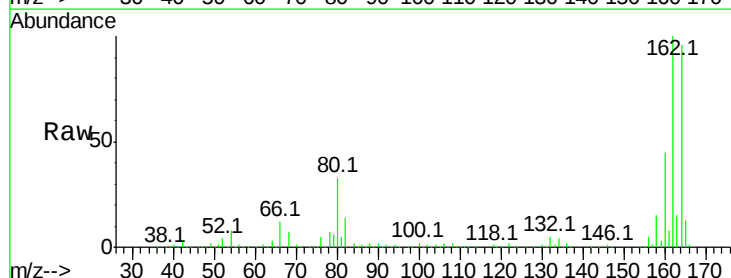
Tgt Ion:164 Resp: 438346

Ion Ratio Lower Upper

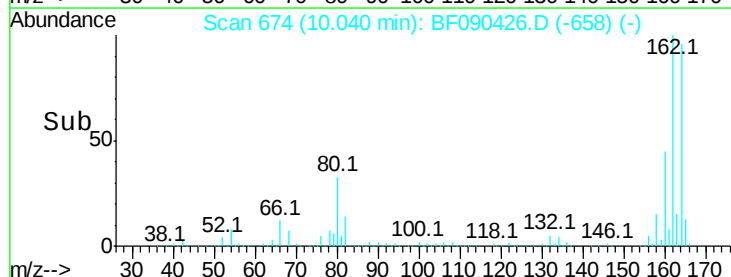
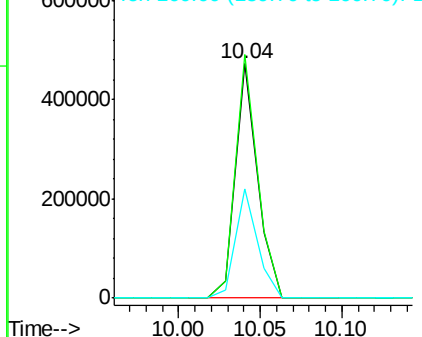
164 100

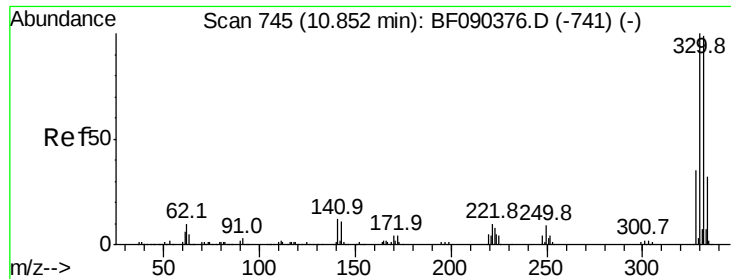
162 103.9 80.1 120.1

160 46.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





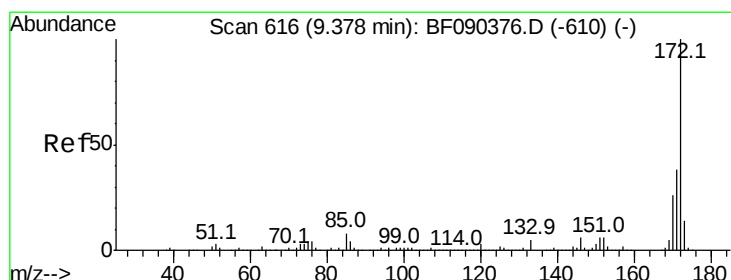
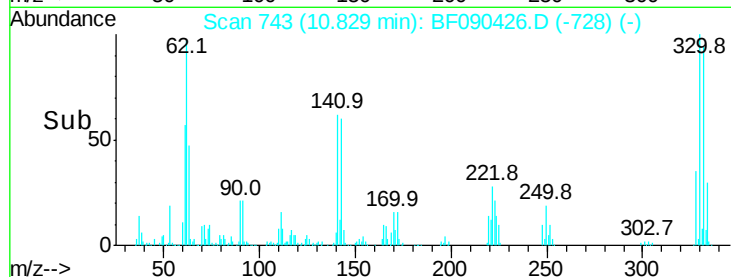
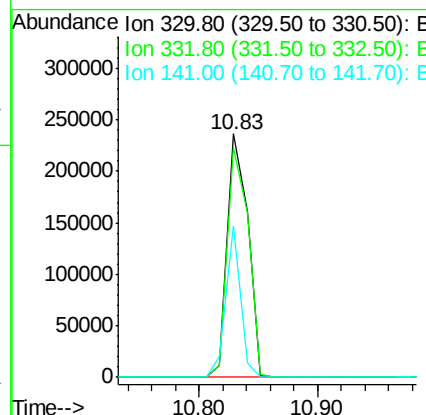
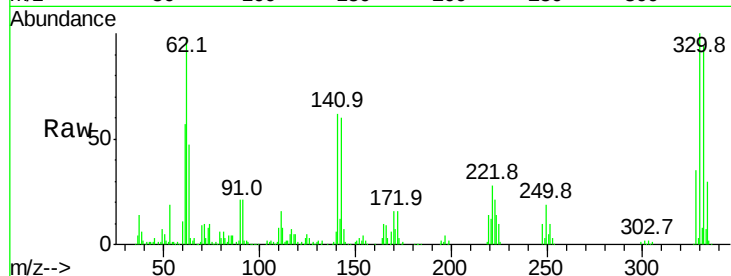
#41
 2,4,6-Tribromophenol
 Concen: 79.57 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090426.D
 Acq: 6 Oct 2016 18:58

Instrument :
 BNA_F
 ClientSampled :
 S36-9003

Tot Ion	Ratio	Resp	Lower	Upper
330	100	283609		
332	96.4	75.4	113.0	
141	44.5	26.9	40.3	

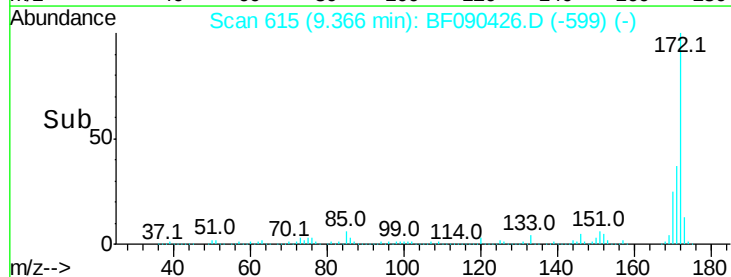
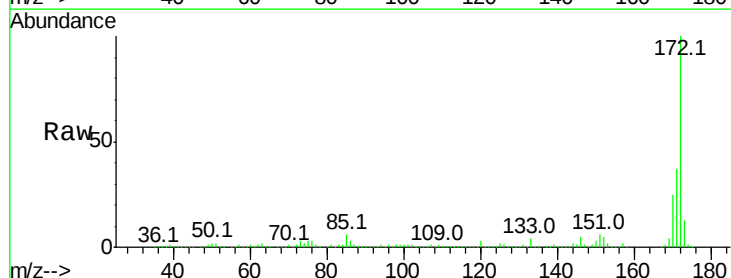
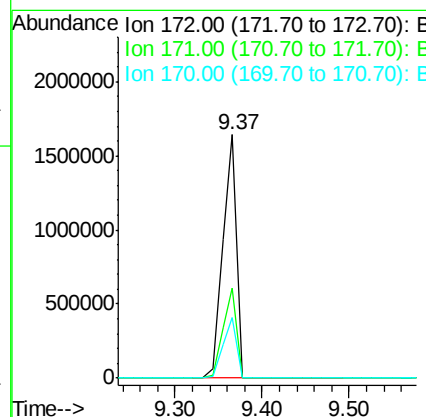
Manual Integrations
 APPROVED

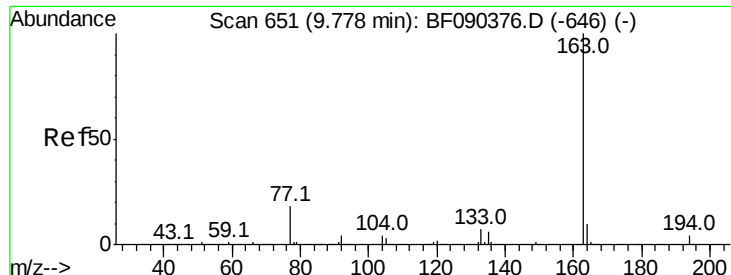
sohil
 10/7/2016 7:02:44 PM



#44
 2-Fluorobiphenyl
 Concen: 69.38 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090426.D
 Acq: 6 Oct 2016 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1825443		
171	36.7	31.8	47.8	
170	24.8	21.7	32.5	





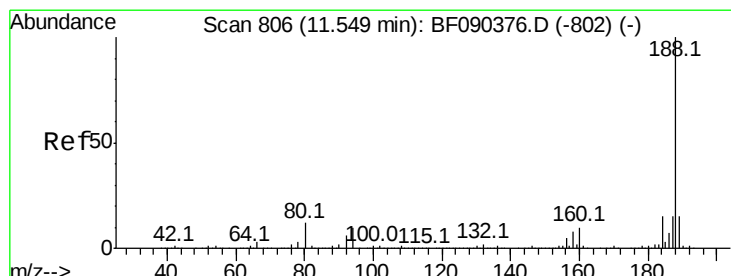
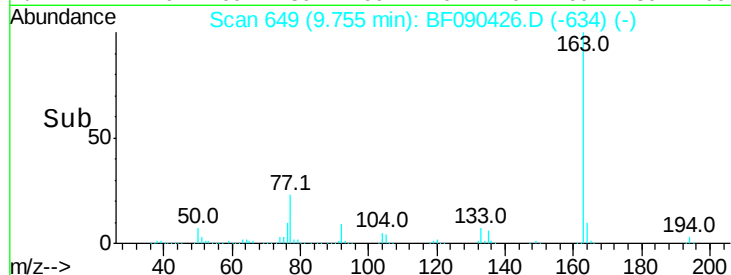
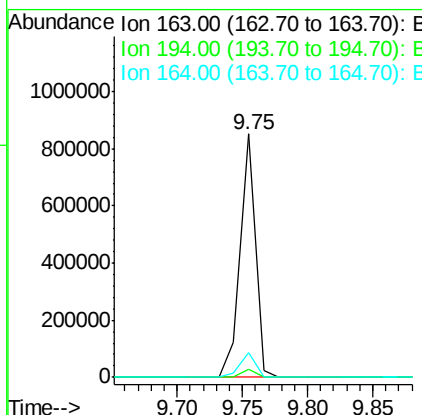
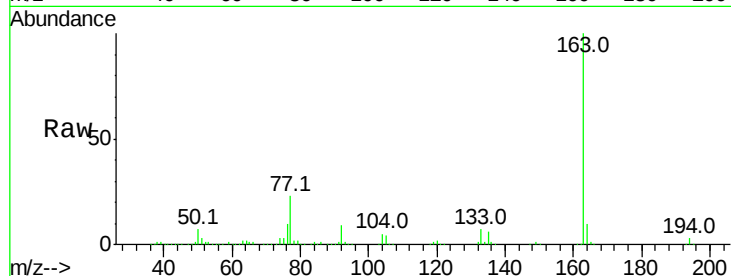
#49
Dimethylphthalate
Concen: 24.61 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Instrument :
BNA_F
ClientSampled :
S36-9003

Tot Ion	Ratio	Resp	Lower	Upper
163	100	690888		
194	3.2		2.8	4.2
164	10.3		9.0	13.4

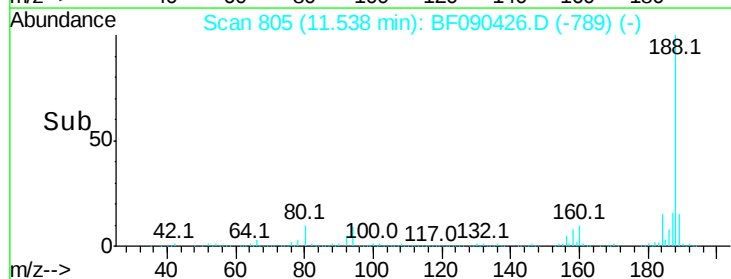
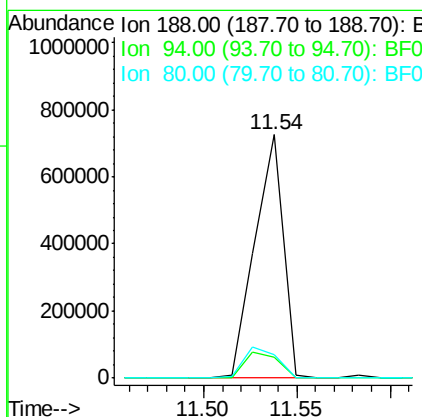
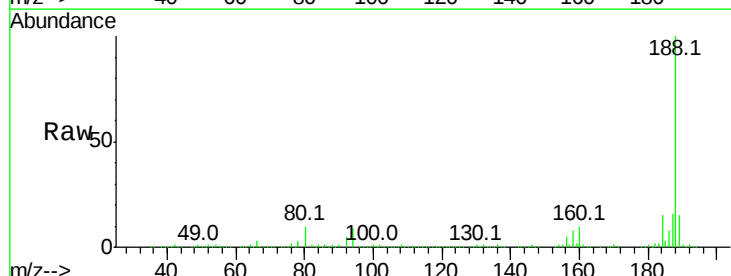
Manual Integrations
APPROVED

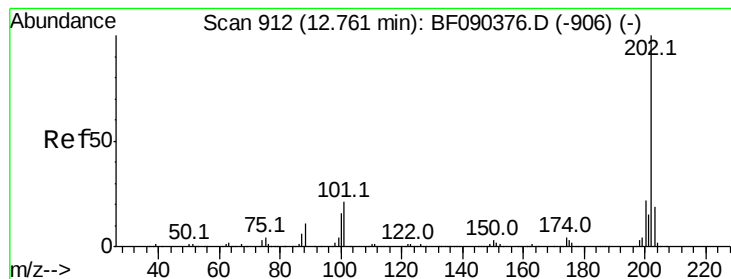
sohil
10/7/2016 7:02:44 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	765895		
94	8.6		8.2	12.2
80	9.6		8.8	13.2





#74

Fluoranthene

Concen: 2.59 ng

RT: 12.75 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

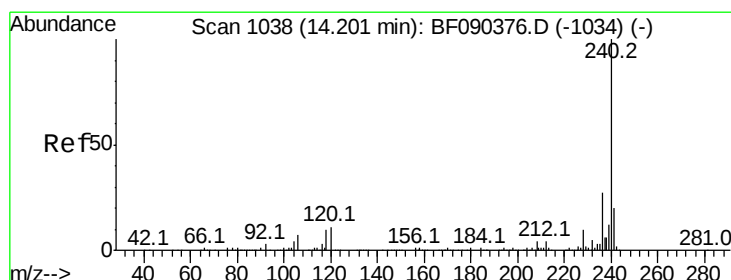
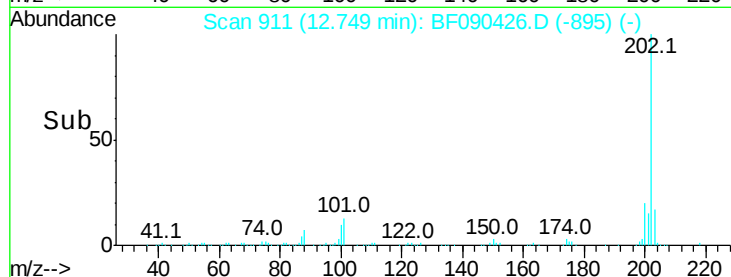
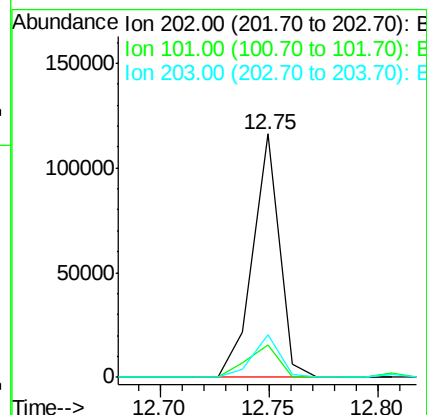
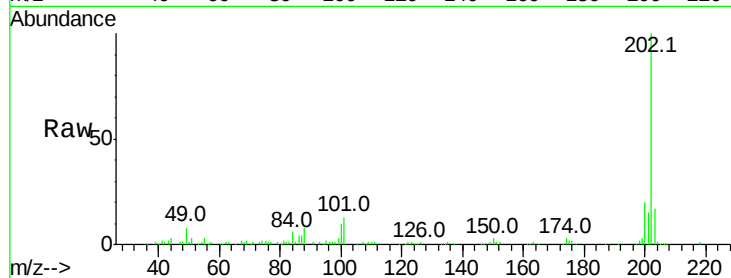
ClientSampleId :

S36-9003

Tot Ion:	202	Resp:	99468
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	37.2
203	17.3	0.0	39.3

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:44 PM



#75

Chrysene-d12

Concen: 20.00 ng

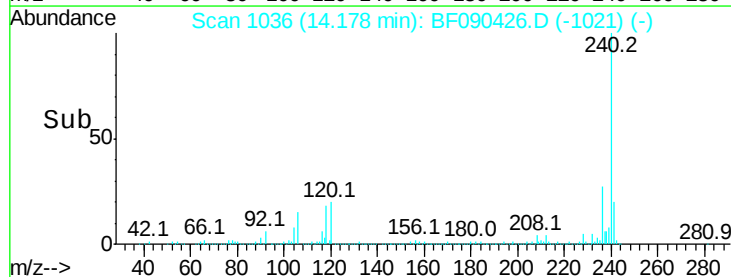
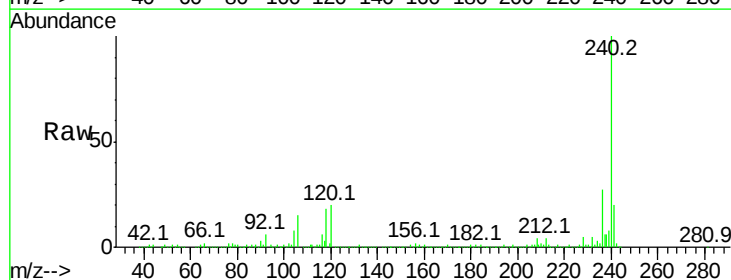
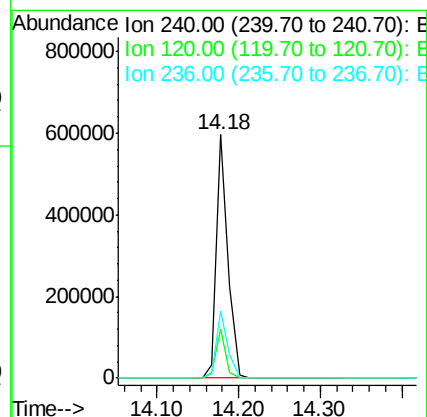
RT: 14.18 min Scan# 1036

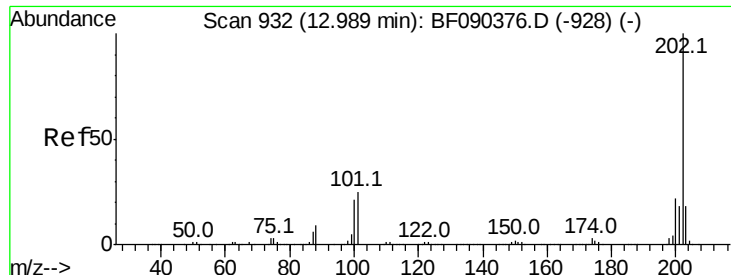
Delta R.T. -0.02 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Tgt Ion:	240	Resp:	594587
Ion Ratio	Lower	Upper	
240	100		
120	20.4	8.6	13.0#
236	27.3	21.6	32.4





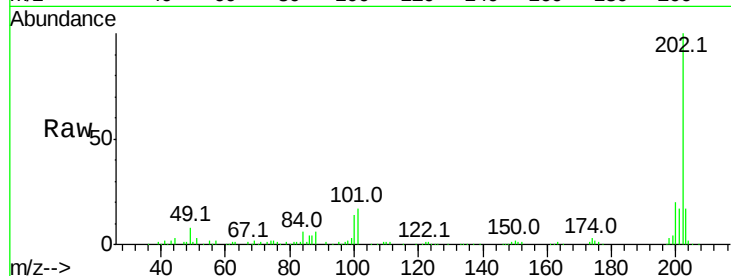
#77
Pvrene
Concen: 2.40 ng
RT: 12.98 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Instrument :
BNA_F
ClientSampleId :
S36-9003

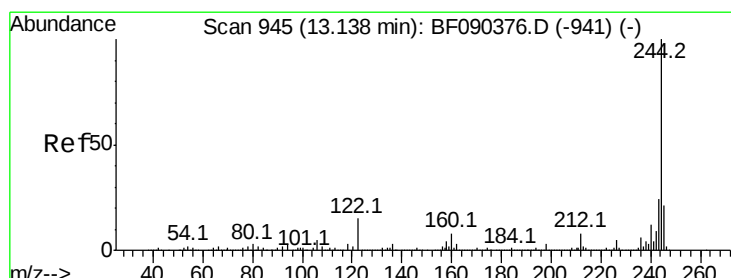
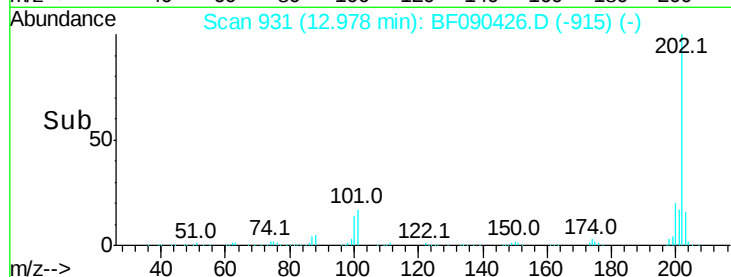
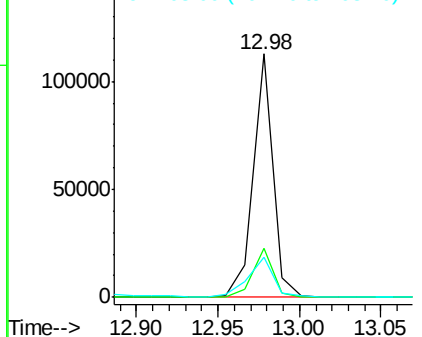
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	18.5	27.7
203	16.6	15.0	22.6

Manual Integrations
APPROVED

sohil
10/7/2016 7:02:44 PM

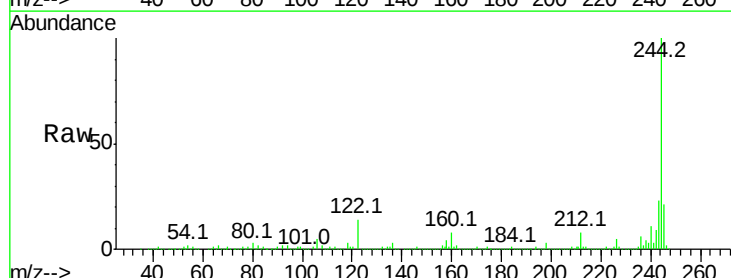


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

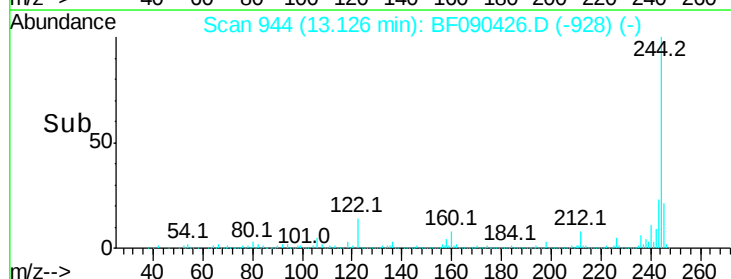
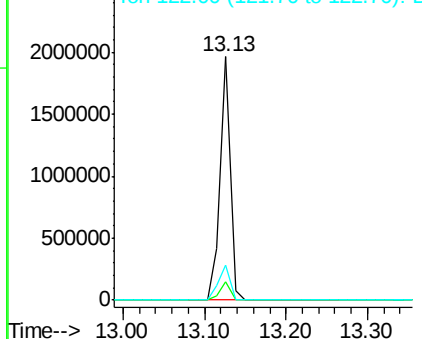


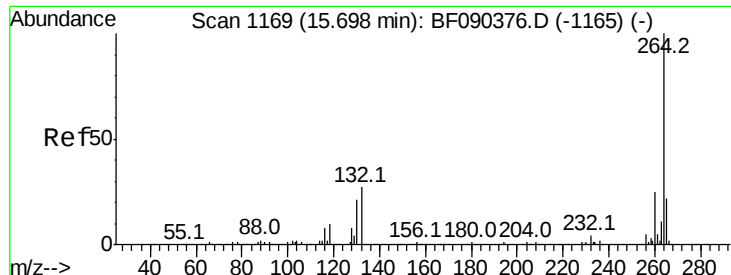
#78
Terphenyl-d14
Concen: 64.02 ng
RT: 13.13 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.8	10.2
122	14.5	13.3	19.9



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





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF090426.D
 Acq: 6 Oct 2016 18:58

Instrument :
 BNA_F
 ClientSampleId :
 S36-9003

Tot Ion:	264	Resp:	437969
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.3	28.9
265	21.3	17.4	26.0

Manual Integrations
 APPROVED

sohil
 10/7/2016 7:02:44 PM

