

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090868.D
 Acq On : 27 Oct 2016 12:31
 Operator : UM/SJ
 Sample : H5403-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA1RE

Manual Integrations
 APPROVED

sohil
 10/28/2016 5:22:24 PM

Quant Time: Oct 27 17:07:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 16:56:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	147733	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	634529	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	165056	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	465060	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	137659	20.00	ng	-0.01
86) Perylene-d12	15.35	264	5425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1194913	141.42	ng	0.01
7) Phenol-d6	6.42	99	1042116	91.42	ng	0.00
23) Nitrobenzene-d5	7.34	82	963340	99.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	578306	340.94	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1984967	211.17	ng	-0.01
78) Terphenyl-d14	12.90	244	1832078	335.30	ng	0.00
Target Compounds						
32) Benzoic acid	7.81	122	32480	5.03	ng	Qvalue # 67

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

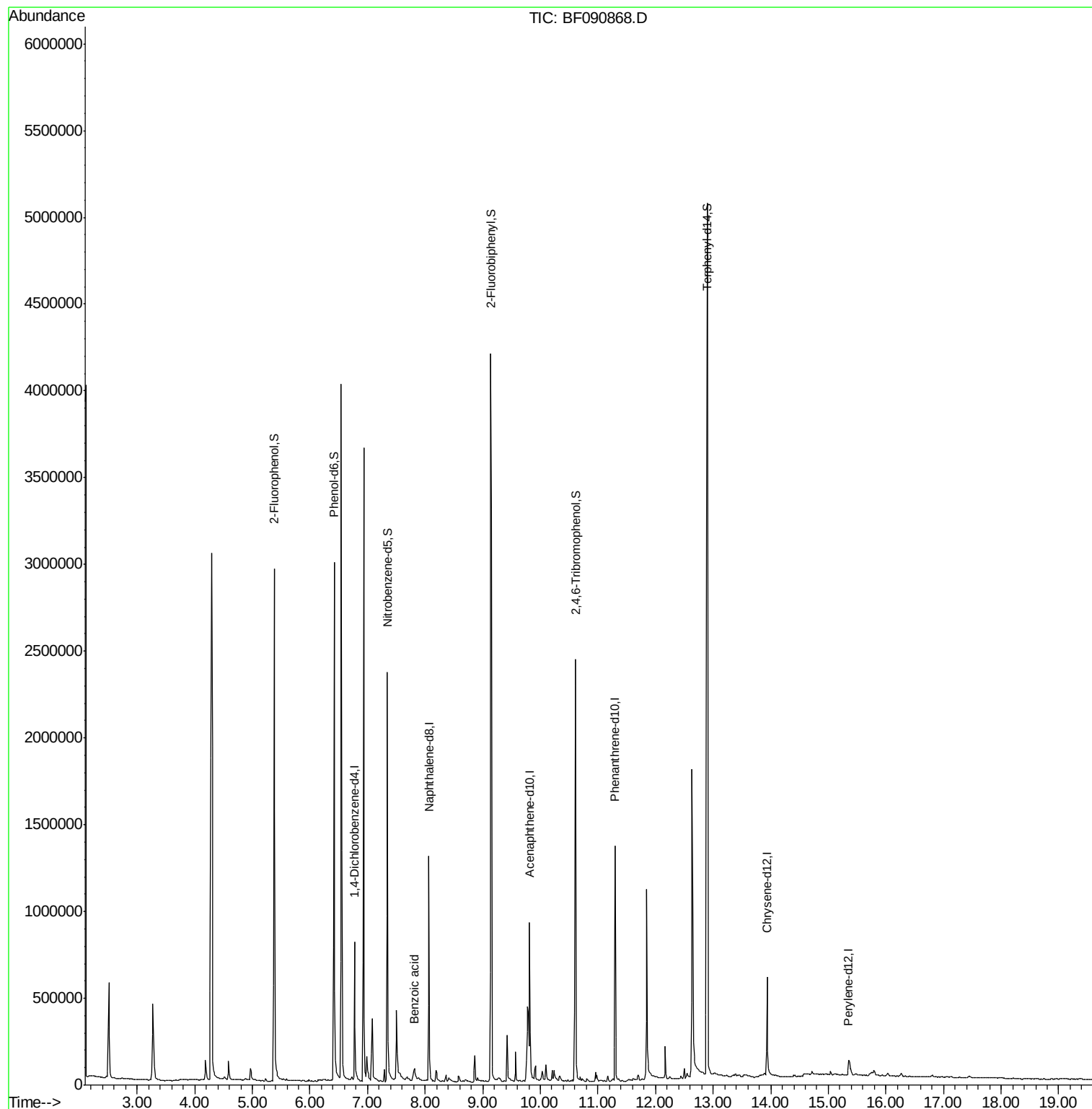
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090868.D
Acq On : 27 Oct 2016 12:31
Operator : UM/SJ
Sample : H5403-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

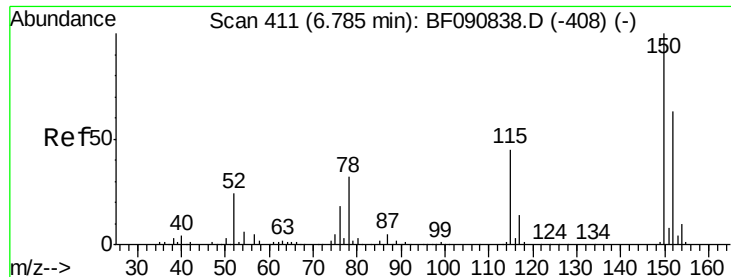
Instrument :
BNA_F
ClientSampleId :
C0AA1RE

Manual Integrations
APPROVED

sohil
10/28/2016 5:22:24 PM

Quant Time: Oct 27 17:07:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 16:56:20 2016
Response via : Initial Calibration





#1

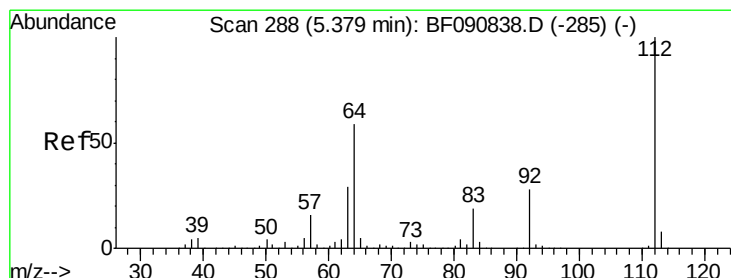
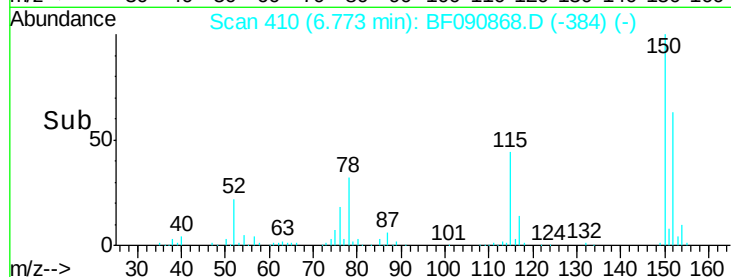
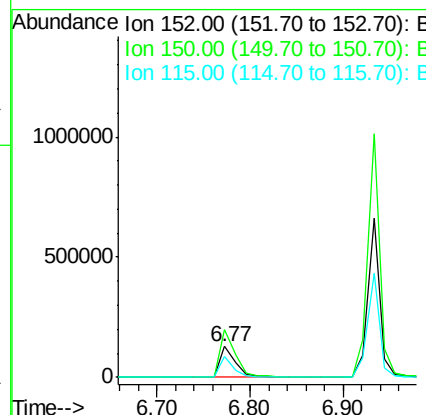
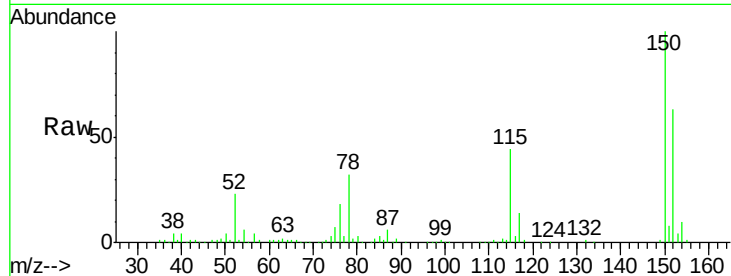
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090868.D
Acq: 27 Oct 2016 12:31

Instrument :
BNA_F
ClientSampled :
C0AA1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	68.8	39.0	58.4

Manual Integrations
APPROVED

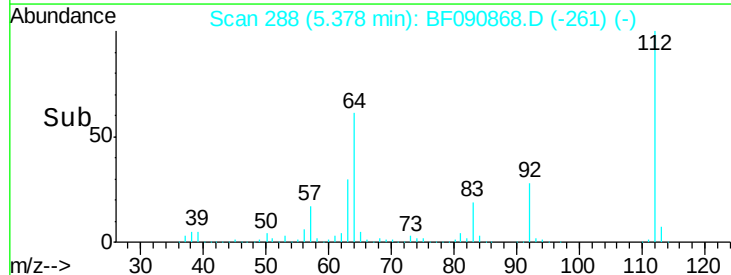
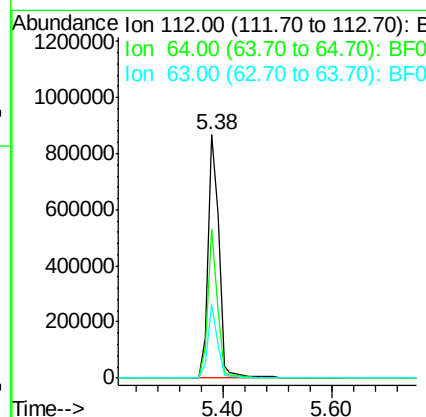
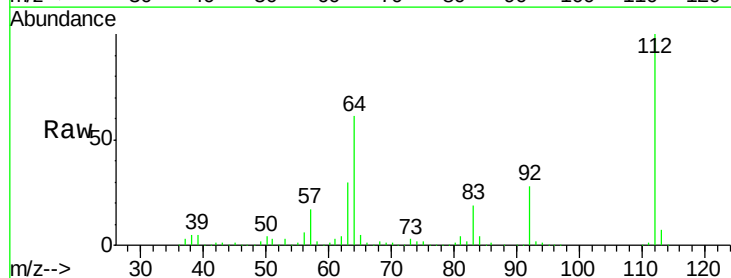
sohil
10/28/2016 5:22:24 PM

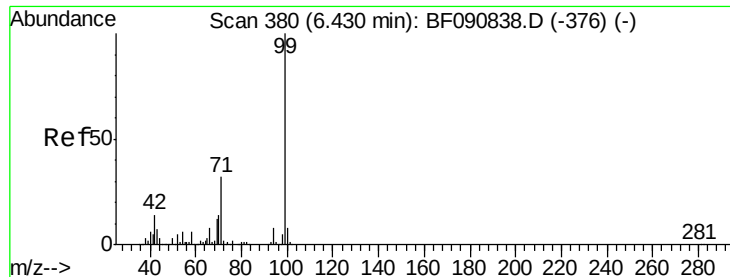


#5

2-Fluorophenol
Concen: 141.42 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF090868.D
Acq: 27 Oct 2016 12:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	39.7	59.5
63	29.9	17.4	26.0





#7

Phenol-d6

Concen: 91.42 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090868.D

Acq: 27 Oct 2016 12:31

Instrument :

BNA_F

ClientSampleId :

C0AA1RE

Tot Ion: 99 Resp: 1042116

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

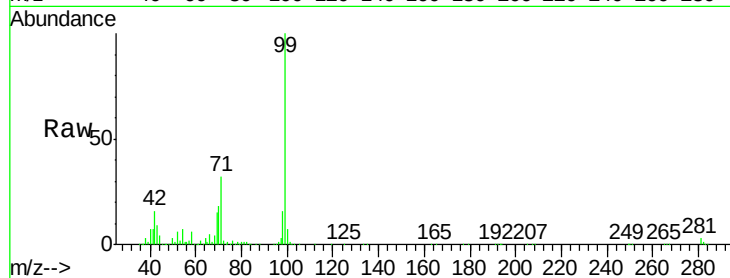
71 32.3 14.2 21.2#

Manual Integrations

APPROVED

sohil

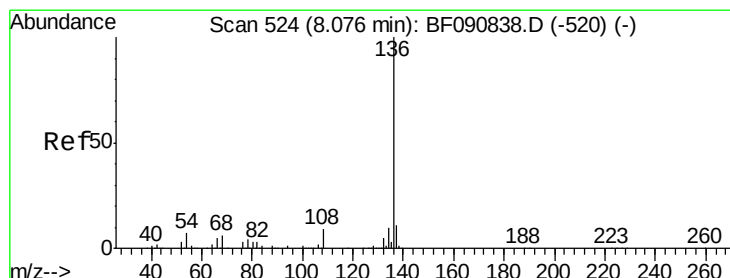
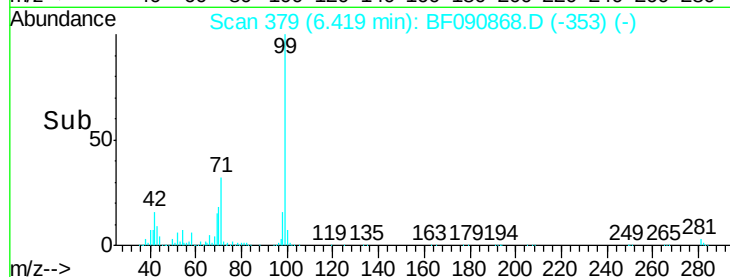
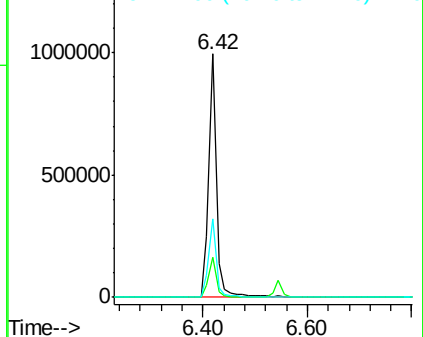
10/28/2016 5:22:24 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090868.D

Acq: 27 Oct 2016 12:31

Tgt Ion: 136 Resp: 634529

Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.8 8.2 12.2#

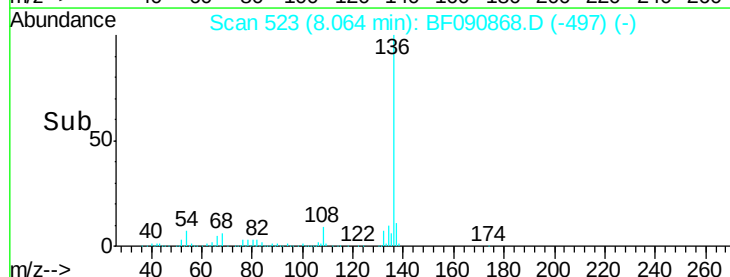
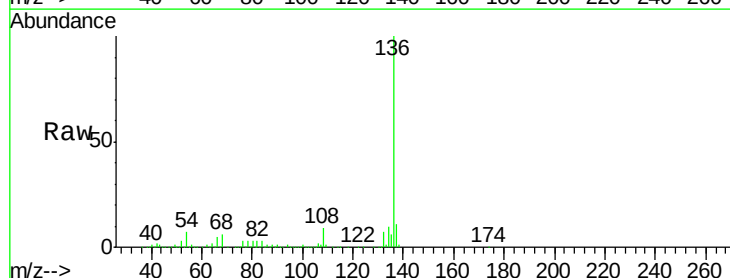
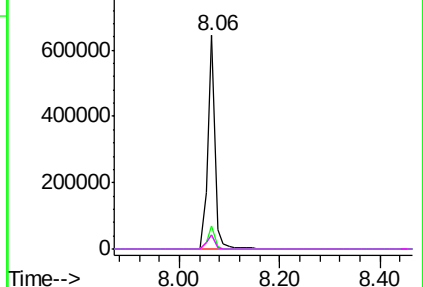
68 6.5 5.8 8.6

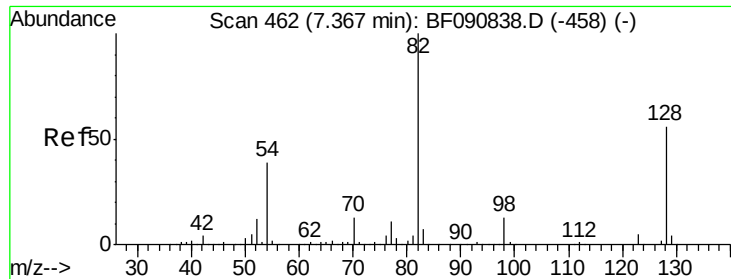
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





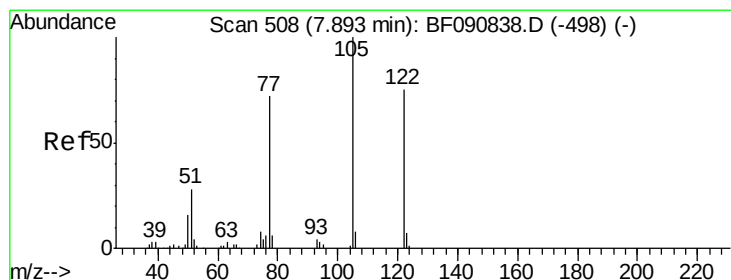
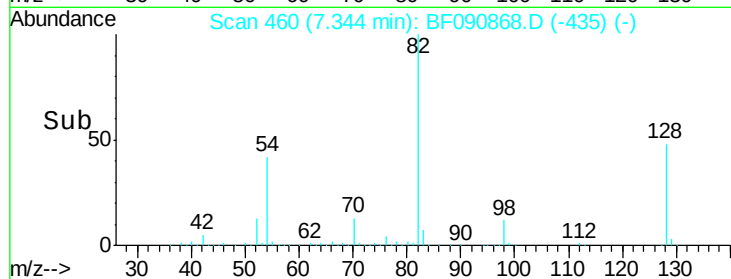
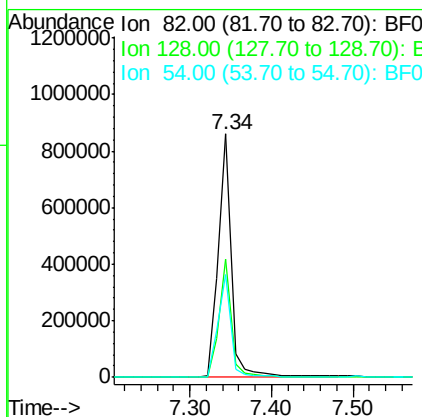
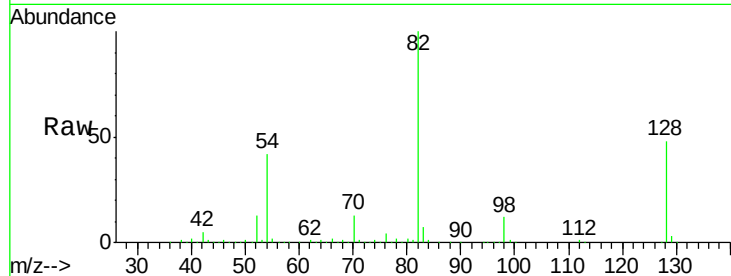
#23
 Nitrobenzene-d5
 Concen: 99.39 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF090868.D
 Acq: 27 Oct 2016 12:31

Instrument :
 BNA_F
 ClientSampleID :
 C0AA1RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	51.0	76.6#
54	42.3	47.5	71.3#

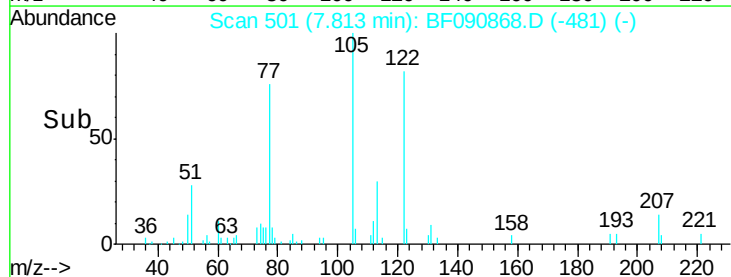
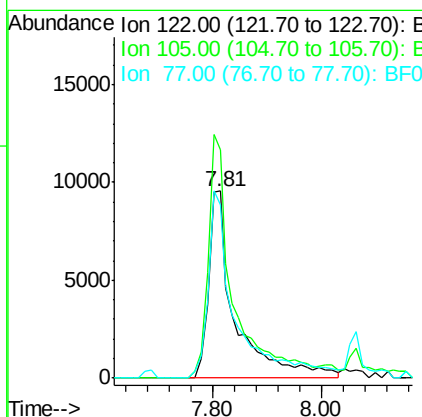
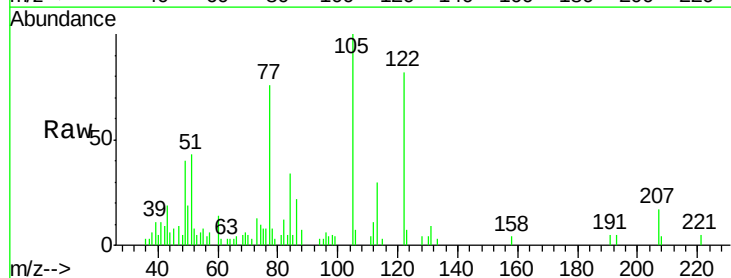
Manual Integrations
 APPROVED

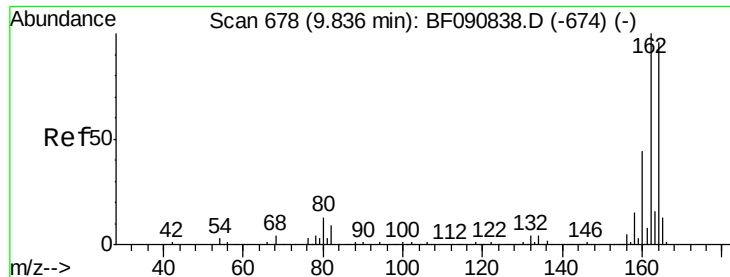
sohil
 10/28/2016 5:22:24 PM



#32
 Benzoic acid
 Concen: 5.03 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.07 min
 Lab File: BF090868.D
 Acq: 27 Oct 2016 12:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	76.1	116.1#
77	92.9	40.5	80.5#





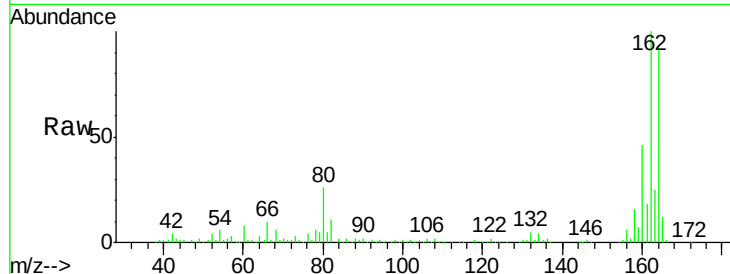
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF090868.D
Acq: 27 Oct 2016 12:31

Instrument :
BNA_F
ClientSampleId :
C0AA1RE

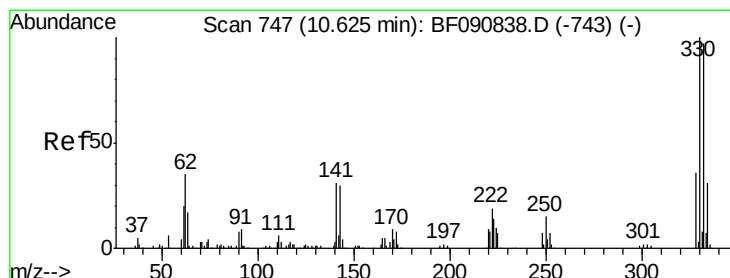
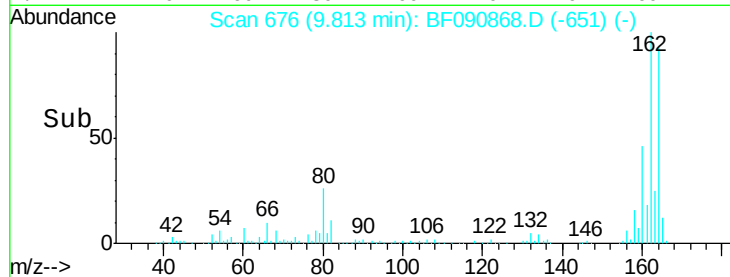
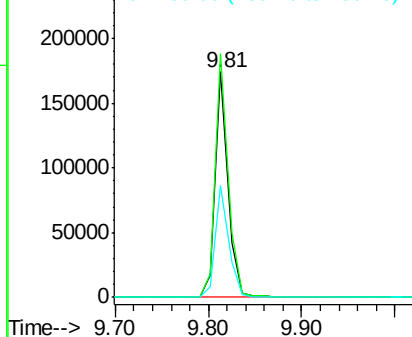
Tot Ion	Ratio	Lower	Upper
164	100		
162	108.1	75.2	112.8
160	49.8	31.5	47.3

Manual Integrations
APPROVED

sohil
10/28/2016 5:22:24 PM



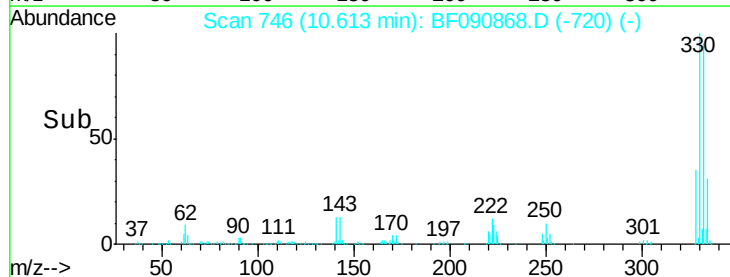
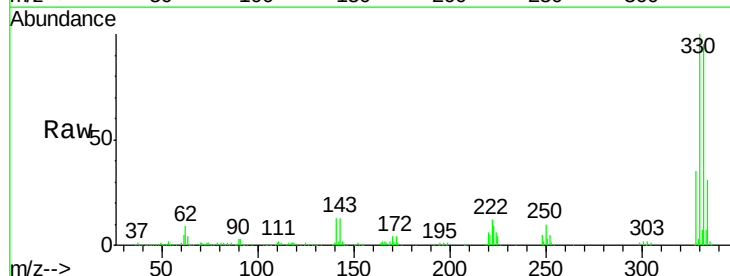
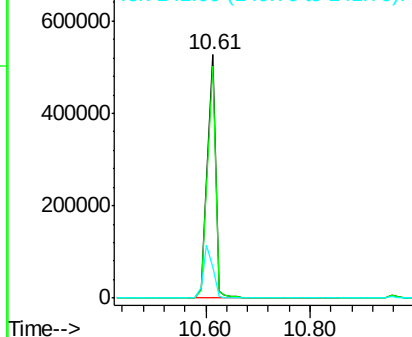
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

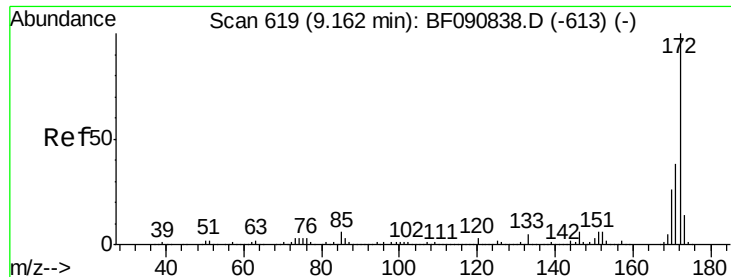


#41
2,4,6-Tribromophenol
Concen: 340.94 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF090868.D
Acq: 27 Oct 2016 12:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	25.5	29.7	44.5

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





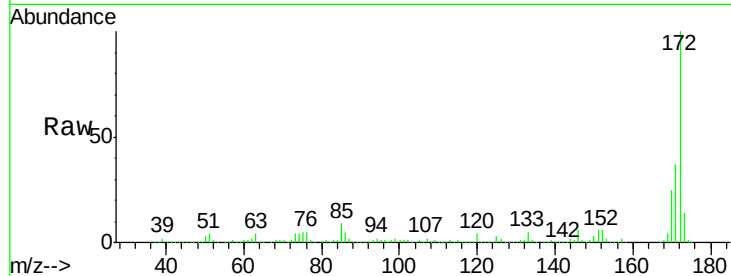
#44
2-Fluorobiphenyl
Concen: 211.17 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF090868.D
Acq: 27 Oct 2016 12:31

Instrument :
BNA_F
ClientSampleId :
C0AA1RE

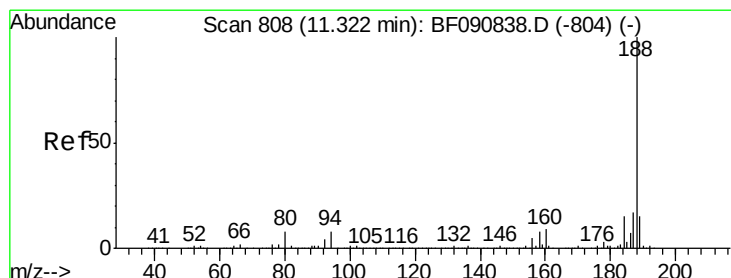
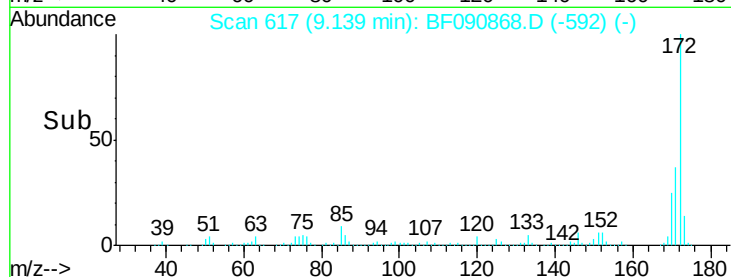
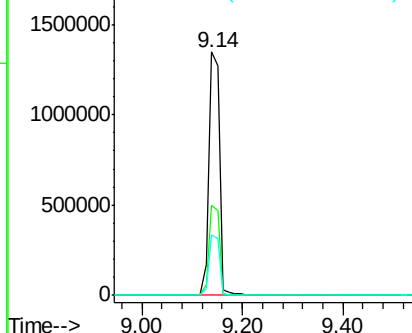
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.1	39.1
170	24.9	17.4	26.2

Manual Integrations
APPROVED

sohil
10/28/2016 5:22:24 PM

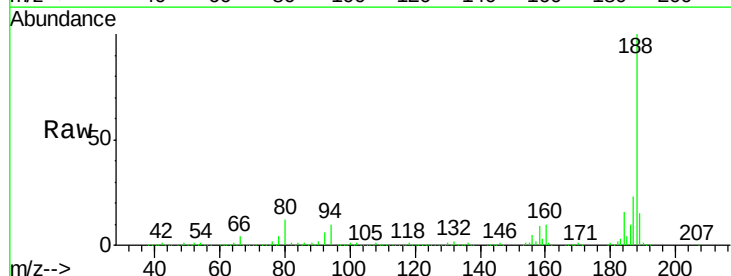


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

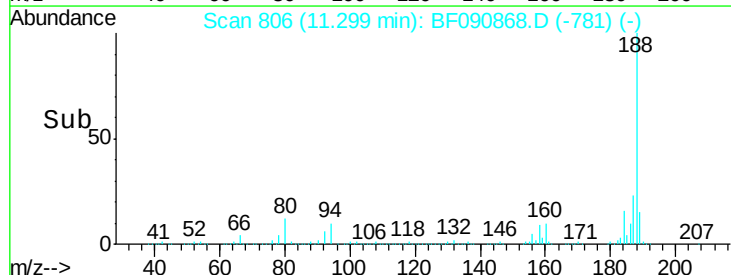
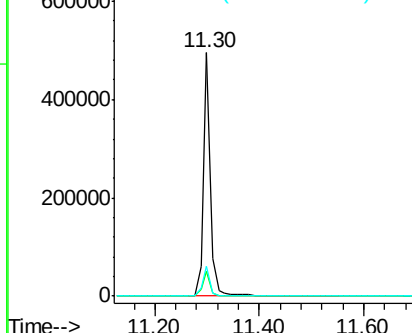


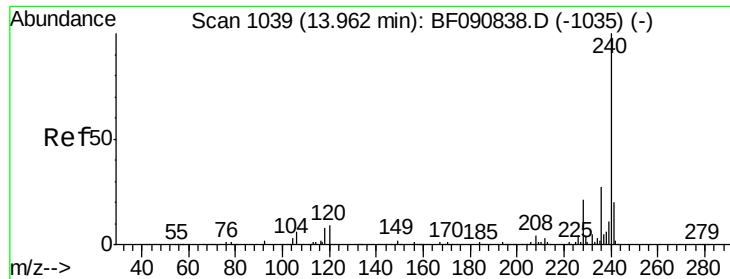
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090868.D
Acq: 27 Oct 2016 12:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	11.1	16.7#
80	12.0	11.0	16.4



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090868.D

Acq: 27 Oct 2016 12:31

Instrument :

BNA_F

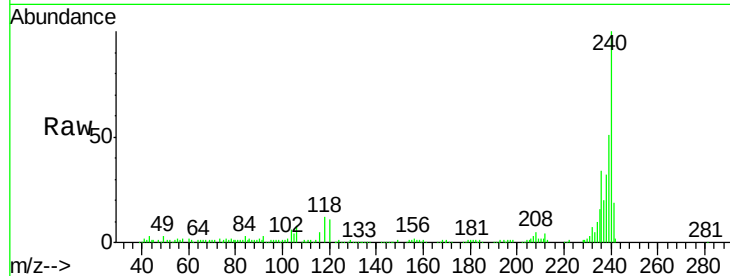
ClientSampleId :

C0AA1RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	16.2	24.2#
236	34.5	18.4	27.6#

Manual Integrations
APPROVED

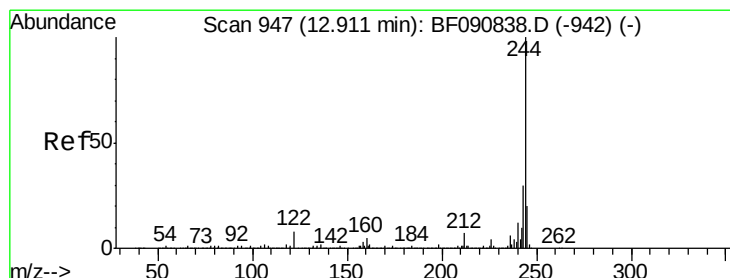
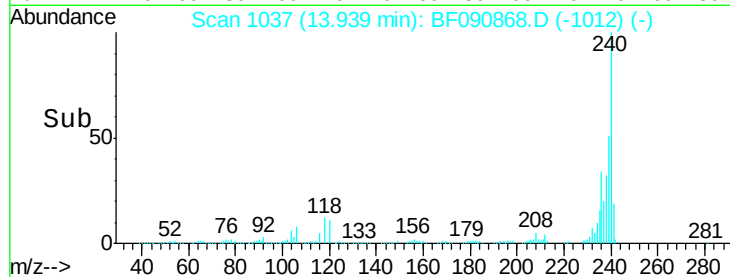
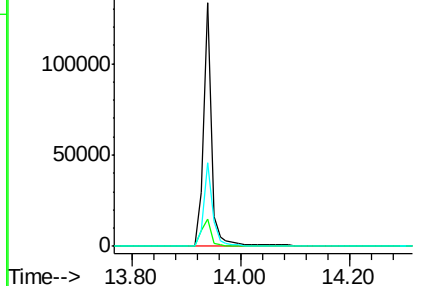
sohil
10/28/2016 5:22:24 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 335.30 ng

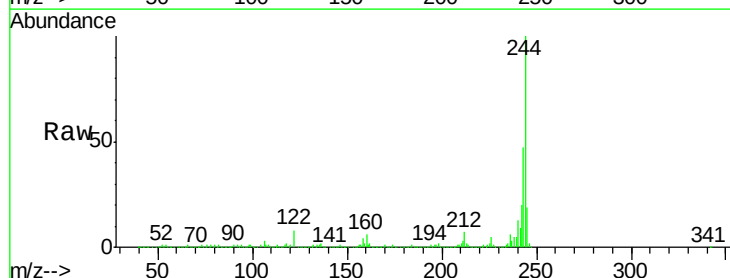
RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF090868.D

Acq: 27 Oct 2016 12:31

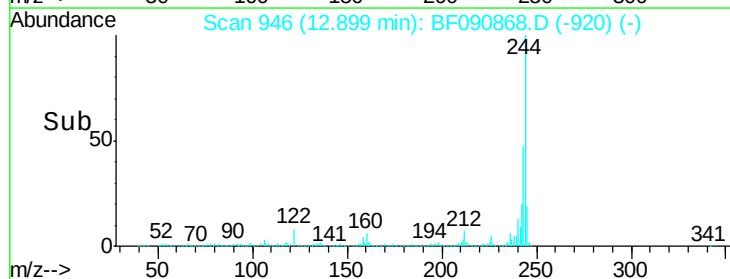
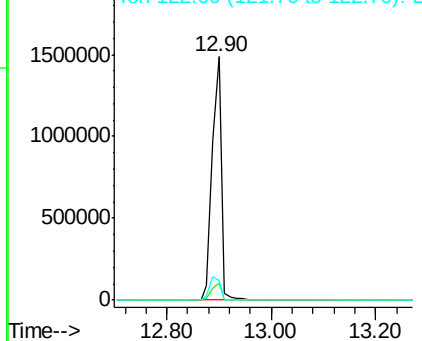
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	8.2	17.4	26.2#

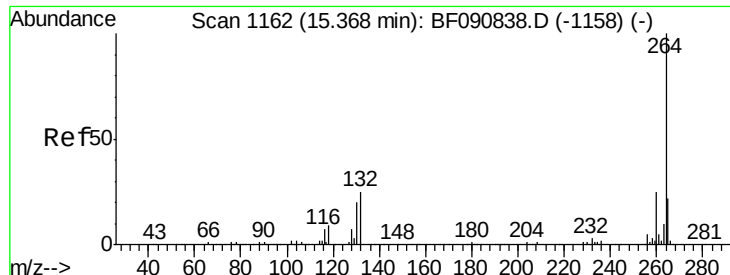


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090868.D
Acq: 27 Oct 2016 12:31

Instrument :
BNA_F
ClientSampleId :
C0AA1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	51.5	16.7	25.1#
265	24.1	17.2	25.8

Manual Integrations
APPROVED

sohil
10/28/2016 5:22:24 PM

