

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097204.D
 Acq On : 31 Jul 2017 13:34
 Operator : SJ/JU
 Sample : PB101036BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BL

Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:26 PM

Quant Time: Jul 31 15:27:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 15:18:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	106952	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	420154	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	193900	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	363421	20.00	ng	0.00
75) Chrysene-d12	13.61	240	317308	20.00	ng	0.00
86) Perylene-d12	14.96	264	224405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	569410	80.26	ng	0.00
7) Phenol-d6	6.14	99	720059	88.90	ng	0.00
23) Nitrobenzene-d5	7.05	82	572537m	79.94	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	142752	93.18	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	965915	84.54	ng	0.00
78) Terphenyl-d14	12.57	244	913715	58.71	ng	0.00

Target Compounds Qvalue

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

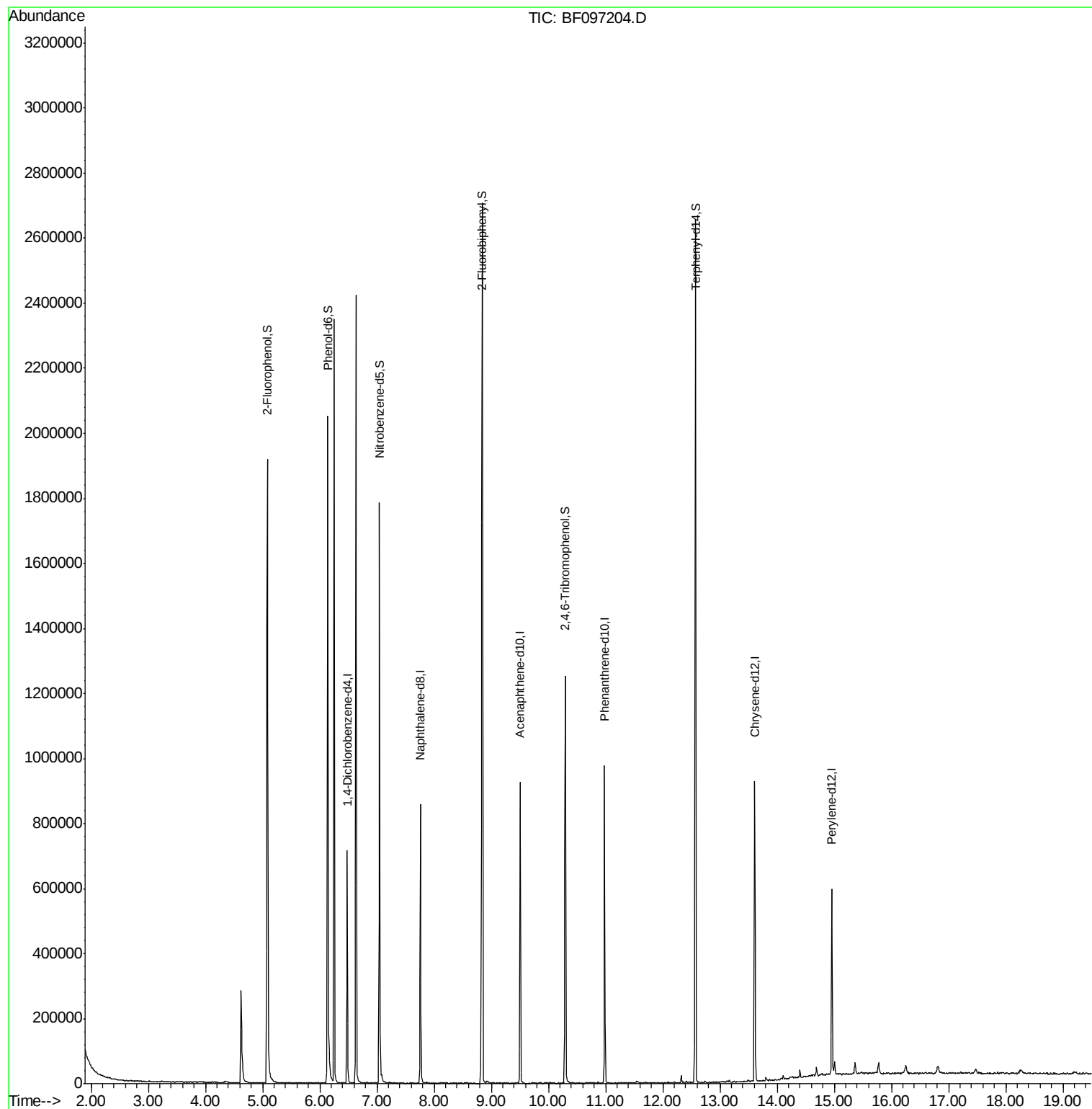
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097204.D
Acq On : 31 Jul 2017 13:34
Operator : SJ/JU
Sample : PB101036BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

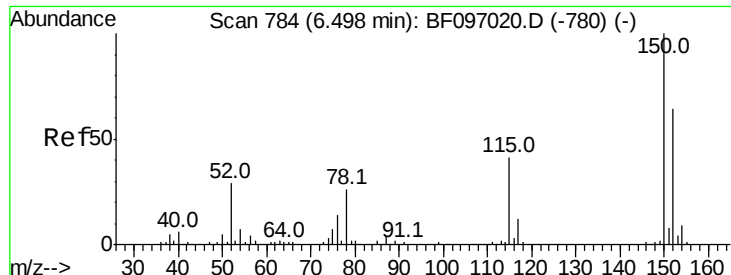
Instrument :
BNA_F
ClientSampleId :
PB101036BL

Manual Integrations
APPROVED

Sohil
8/1/2017 5:44:26 PM

Quant Time: Jul 31 15:27:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration





#1

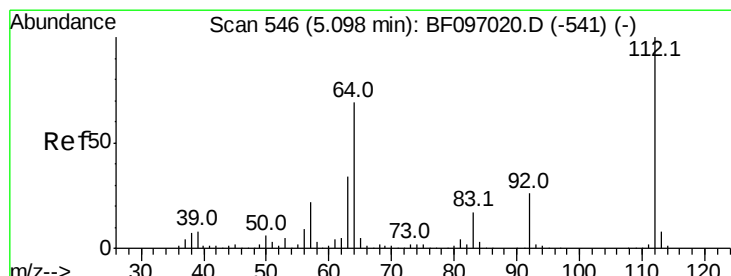
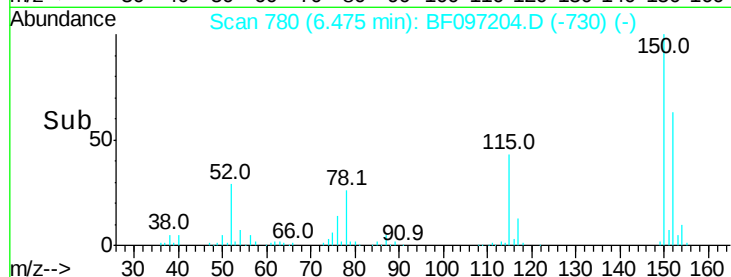
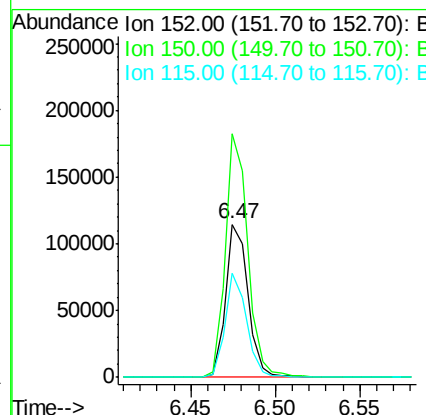
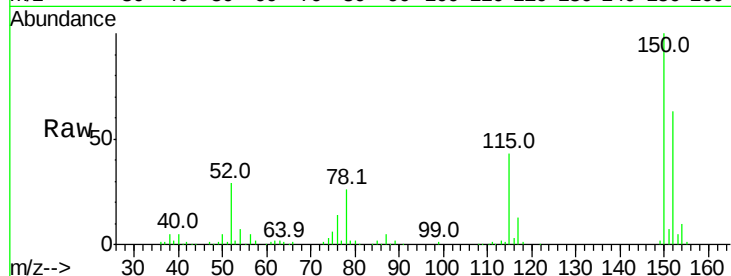
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

Instrument :
BNA_F
ClientSampleId :
PB101036BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	67.9	52.2	78.2

Manual Integrations
APPROVED

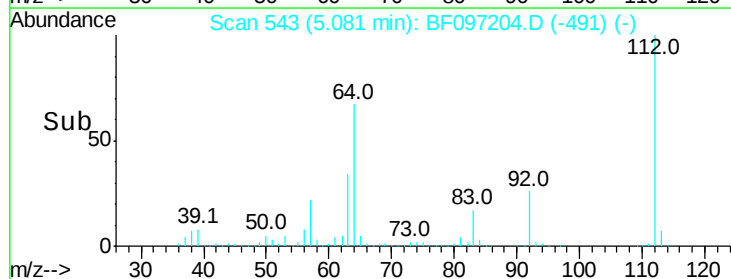
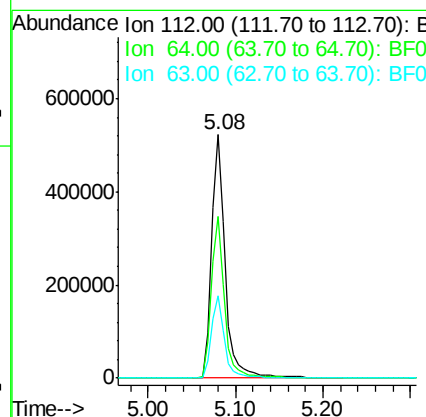
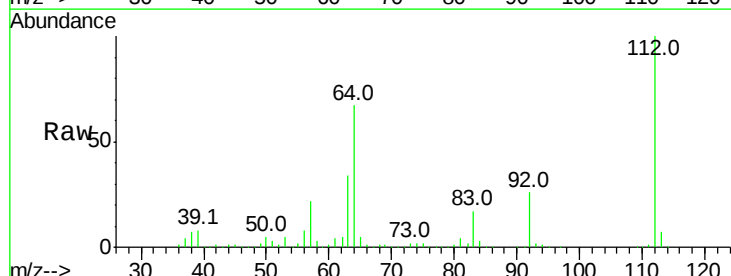
Sohil
8/1/2017 5:44:26 PM



#5

2-Fluorophenol
Concen: 80.258 ng
RT: 5.08 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.0	69.0
63	33.7	23.4	35.0





#7

Phenol-d6

Concen: 88.902 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Instrument :

BNA_F

ClientSampleId :

PB101036BL

Tot Ion: 99 Resp: 720059

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

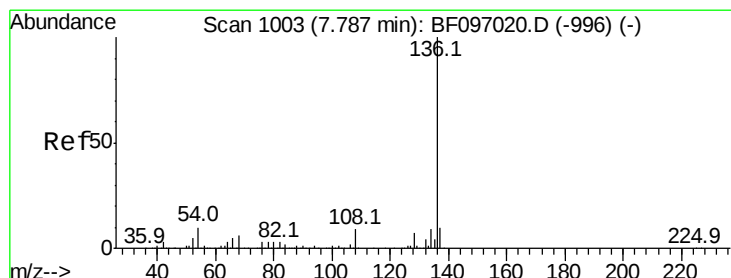
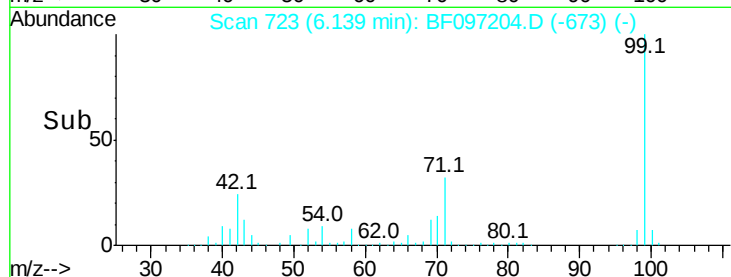
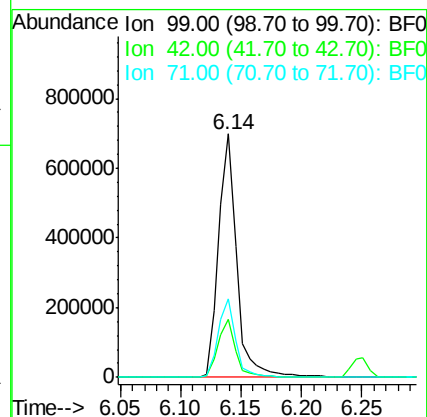
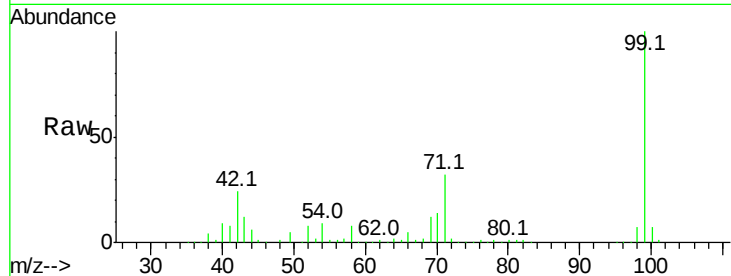
71 32.3 24.5 36.7

Manual Integrations

APPROVED

Sohil

8/1/2017 5:44:26 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Tgt Ion: 136 Resp: 420154

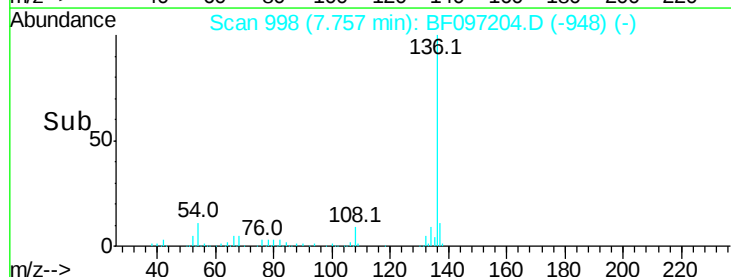
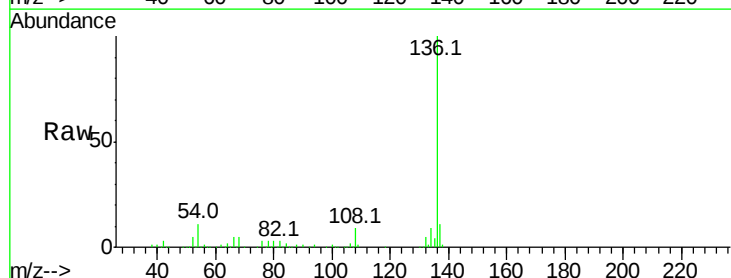
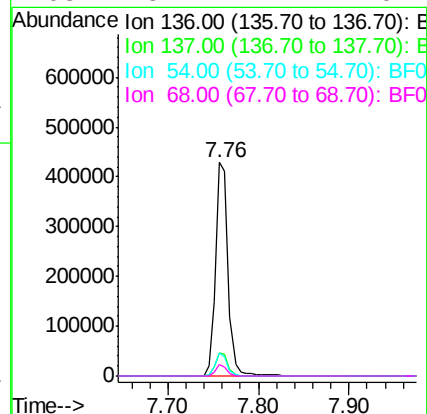
Ion Ratio Lower Upper

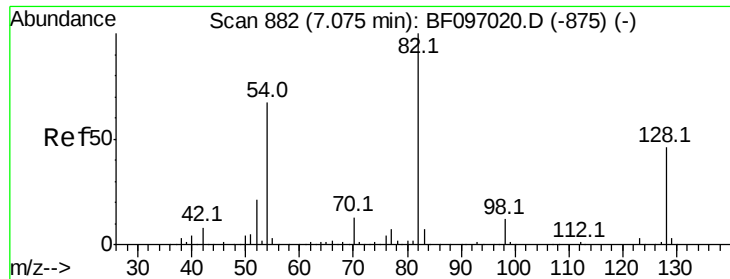
136 100

137 10.7 8.5 12.7

54 10.6 4.9 7.3#

68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 79.940 ng/mL

RT: 7.05 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Instrument :

BNA_F

ClientSampleID :

PB101036BL

Tot Ion: 82 Resp: 572537
Ion Ratio Lower Upper

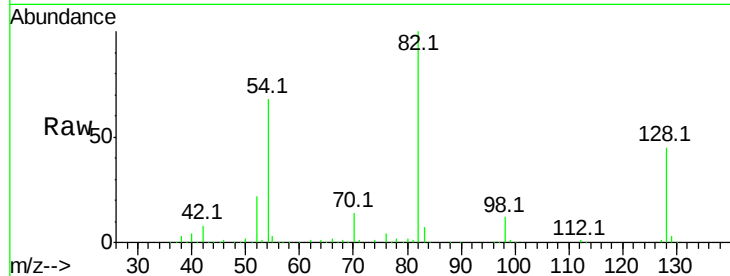
82 100

128 45.5 34.0 51.0

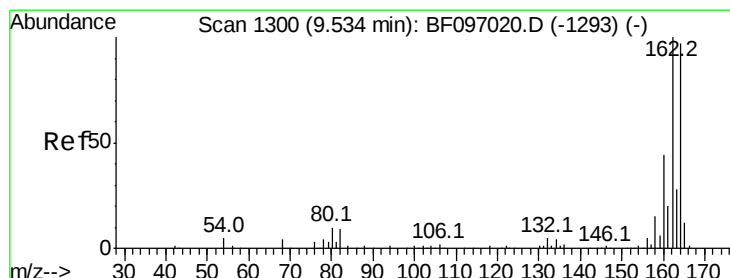
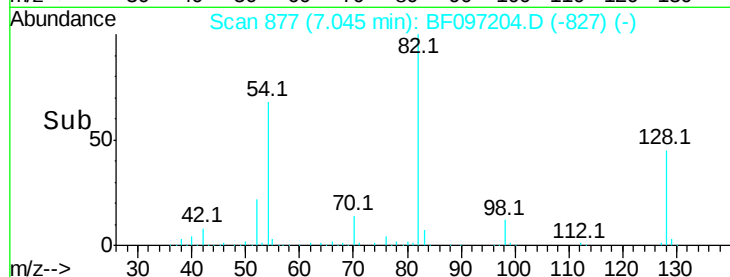
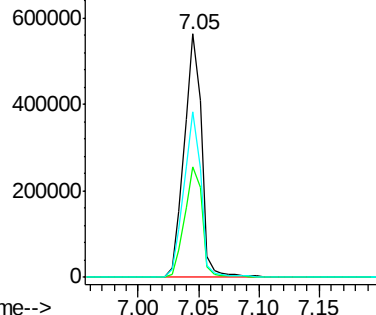
54 68.0 42.2 63.2#

Manual Integrations
APPROVED

Sohil
8/1/2017 5:44:26 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: 20.000 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF097204.D

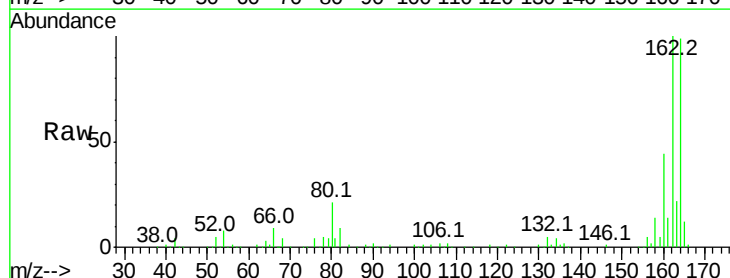
Acq: 31 Jul 2017 13:34

Tgt Ion: 164 Resp: 193900
Ion Ratio Lower Upper

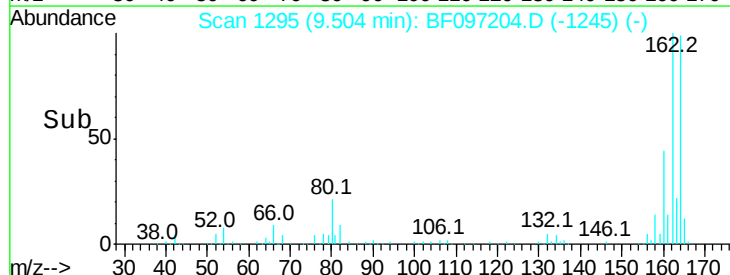
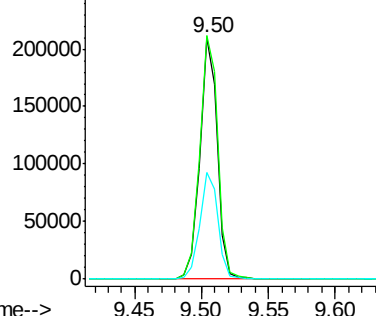
164 100

162 100.9 82.6 123.8

160 44.4 36.2 54.2



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





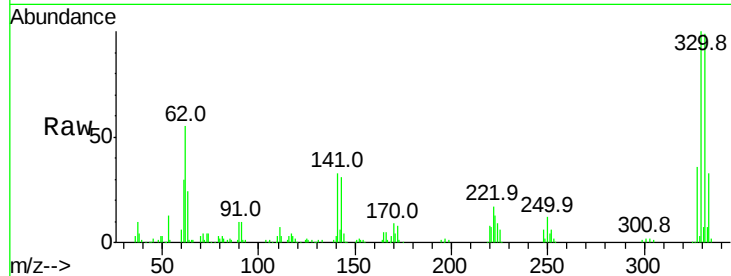
#41
 2,4,6-Tribromophenol
 Concen: 93.180 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BL

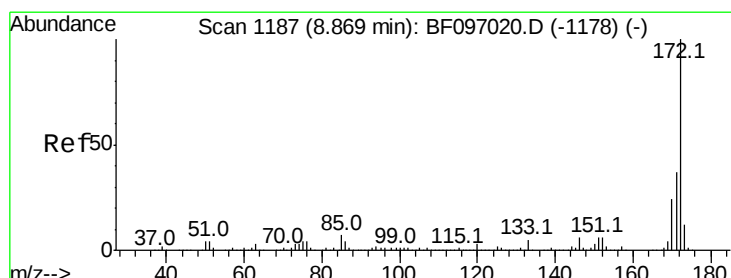
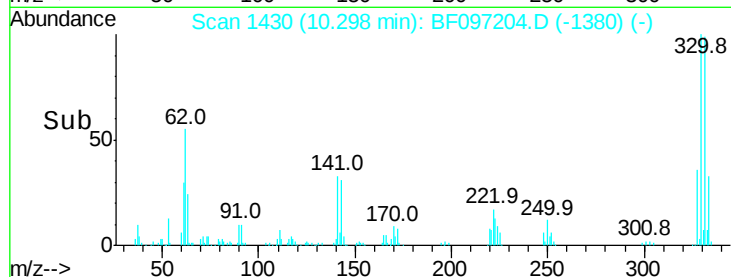
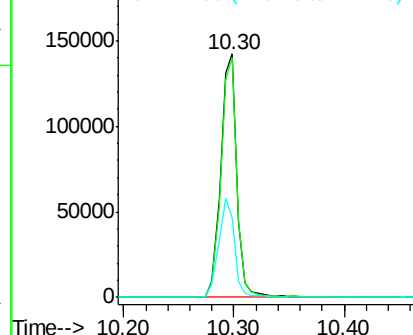
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	76.6	115.0	
141	39.8	31.4	47.2	

Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:26 PM



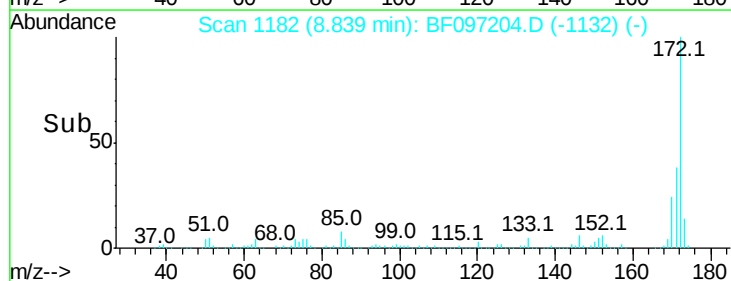
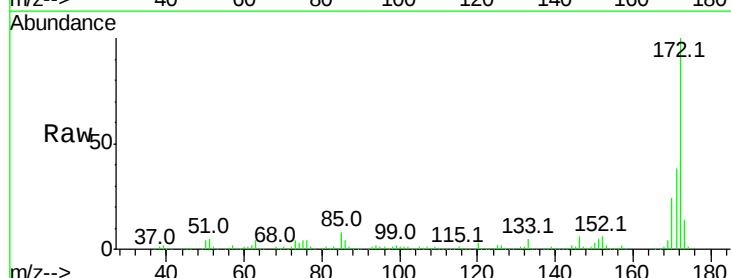
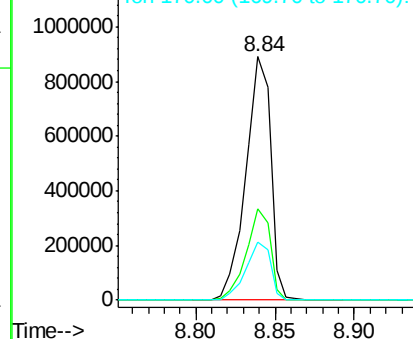
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

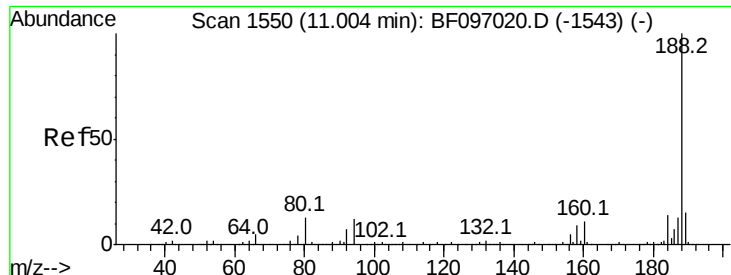


#44
 2-Fluorobiphenyl
 Concen: 84.541 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.5	29.6	44.4	
170	23.9	19.8	29.8	

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





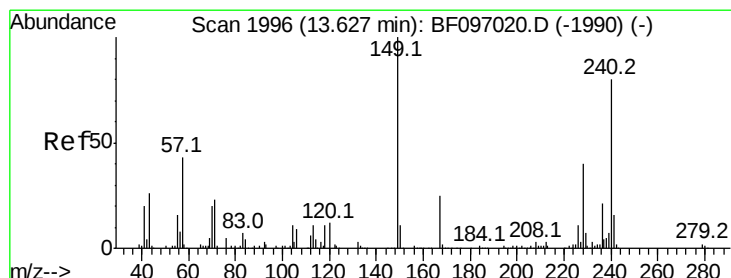
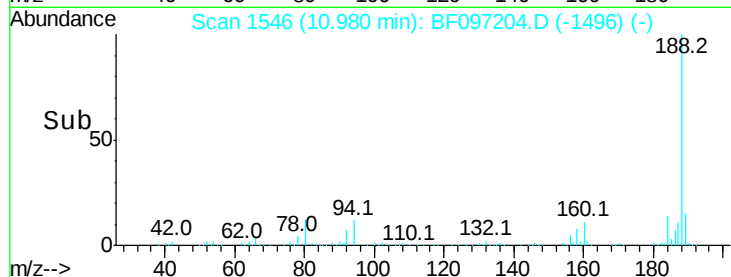
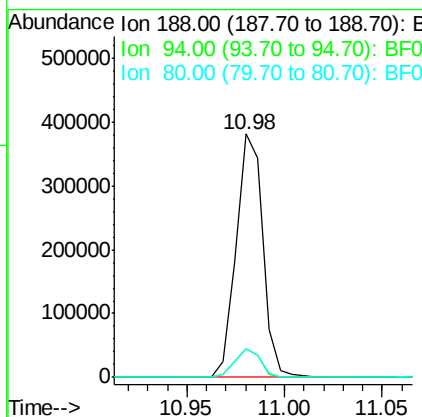
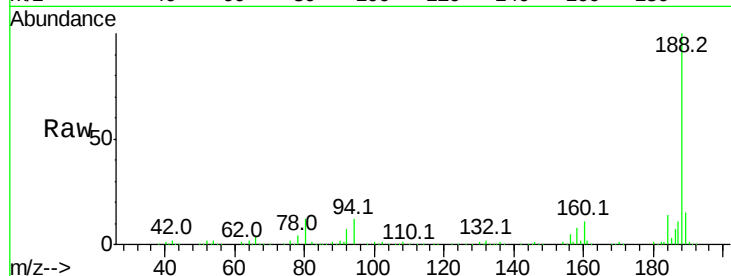
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

Instrument :
BNA_F
ClientSampleId :
PB101036BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	363421		
94	11.7		9.4	14.2
80	12.0		10.2	15.2

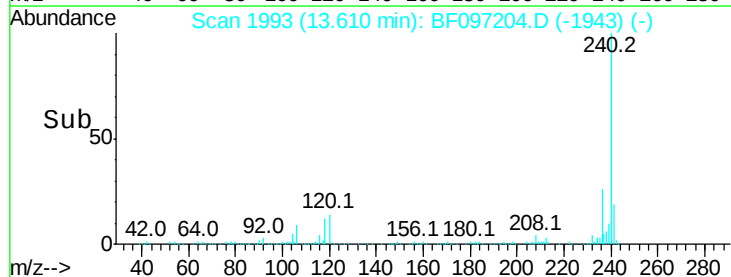
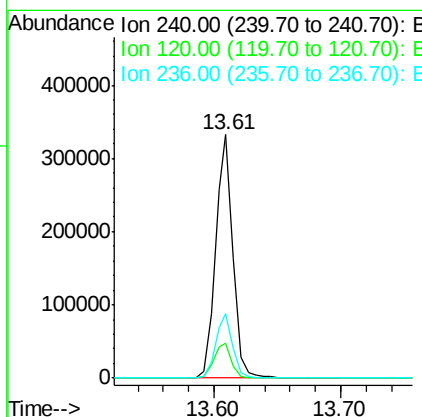
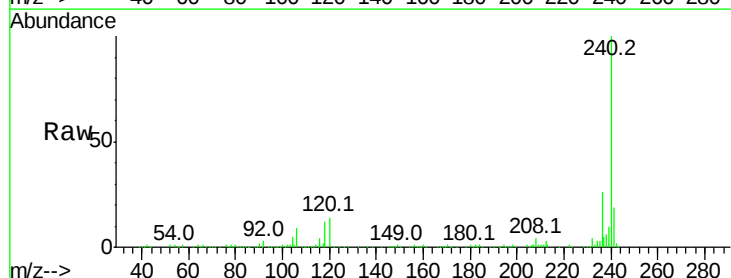
Manual Integrations
APPROVED

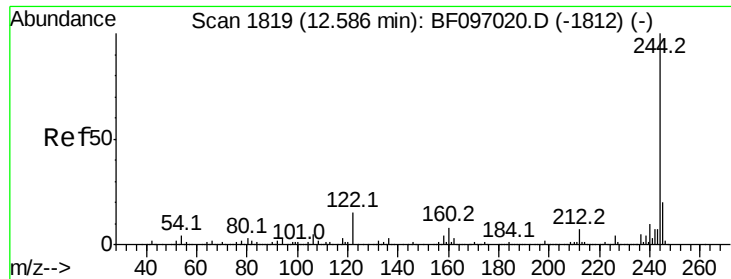
Sohil
8/1/2017 5:44:26 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	317308		
120	14.5		5.8	8.8#
236	26.2		20.5	30.7





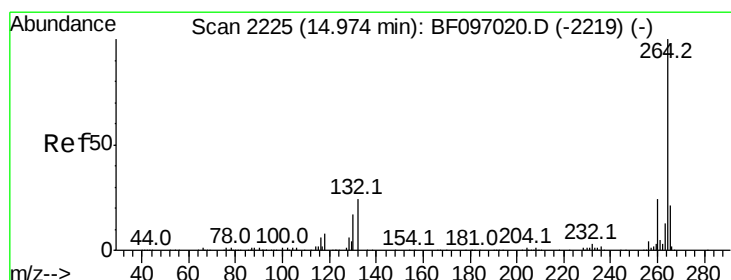
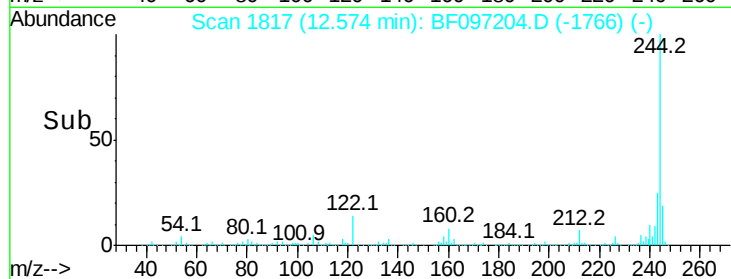
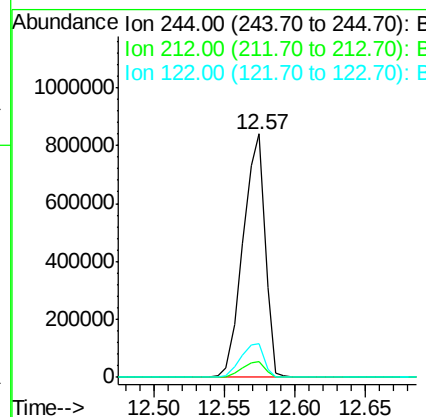
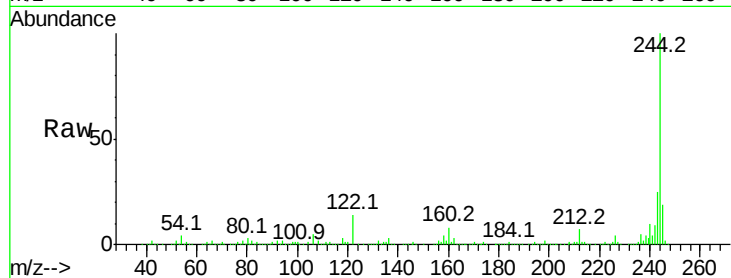
#78
 Terphenyl-d14
 Concen: 58.710 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.9	10.3	15.5

Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:26 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.8	17.2	25.8

