

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011122.D
 Acq On : 04 Aug 2017 17:58
 Operator : SJ/JU
 Sample : PB101225TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101225TB

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:07:39 PM

Quant Time: Aug 07 10:36:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	122214	20.00	ng	-0.07
21) Naphthalene-d8	10.07	136	426387m	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	373941m	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	424326m	20.00	ng	-0.06
75) Chrysene-d12	20.99	240	288122	20.00	ng	-0.04
86) Perylene-d12	23.06	264	782120	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1120312	154.96	ng	-0.07
7) Phenol-d6	6.52	99	1471811	143.28	ng	-0.07
23) Nitrobenzene-d5	8.46	82	927681	81.66	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	732618	122.24	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	2012278	67.49	ng	-0.07
78) Terphenyl-d14	19.41	244	3273276	225.04	ng	-0.06

Target Compounds Qvalue

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

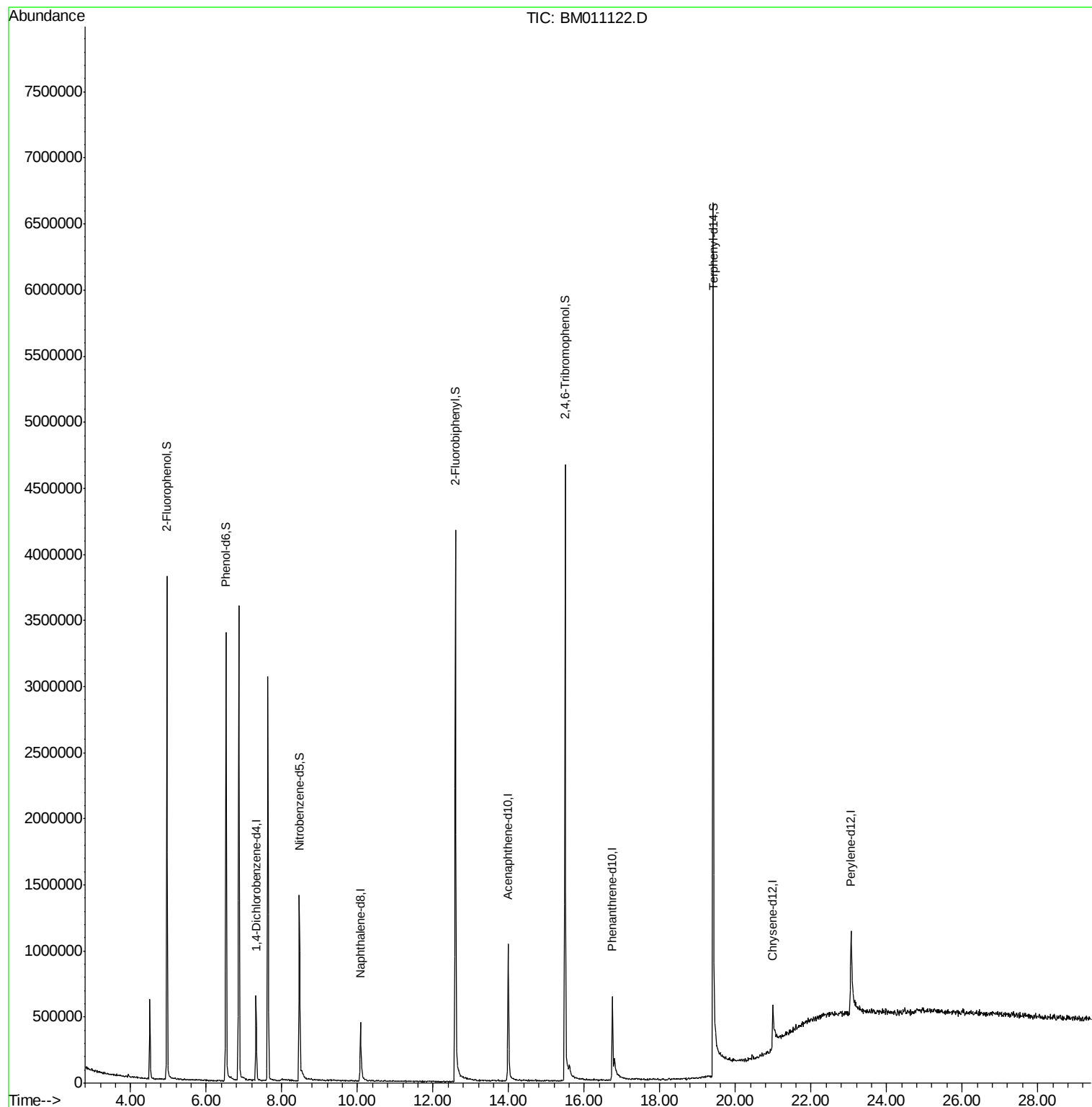
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
Data File : BM011122.D
Acq On : 04 Aug 2017 17:58
Operator : SJ/JU
Sample : PB101225TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

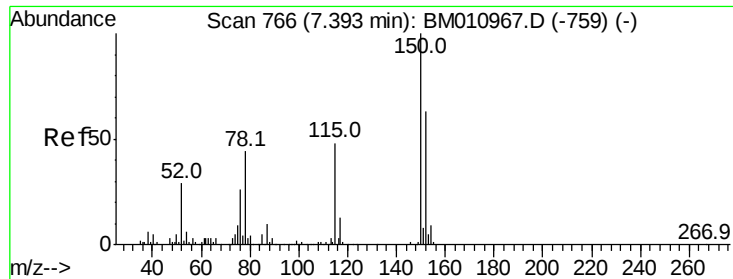
Instrument :
BNA_M
ClientSampleId :
PB101225TB

Manual Integrations
APPROVED

Sohil
8/7/2017 6:07:39 PM

Quant Time: Aug 07 10:36:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration





#1

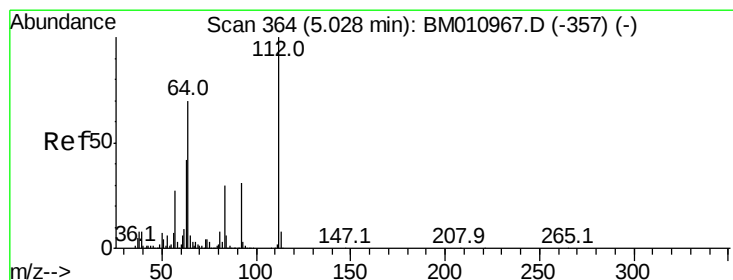
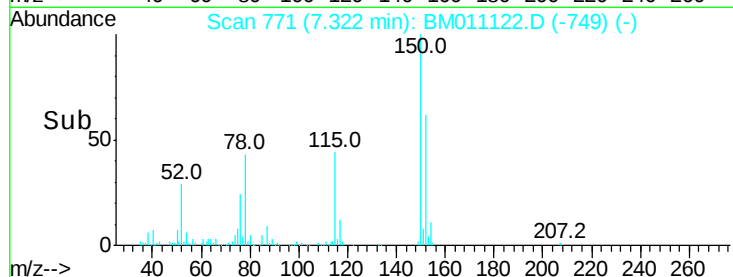
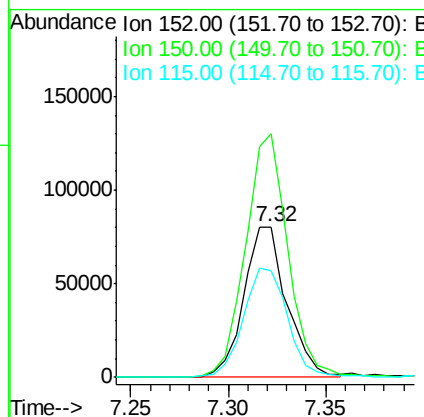
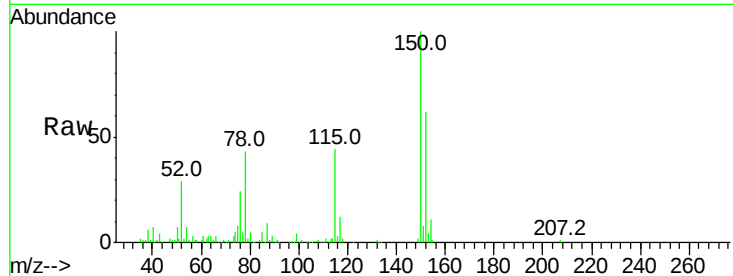
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 771
Delta R.T. -0.07 min
Lab File: BM011122.D
Acq: 04 Aug 2017 17:58

Instrument :
BNA_M
ClientSampleId :
PB101225TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	119.5	179.3
115	70.8	43.0	64.4

Manual Integrations
APPROVED

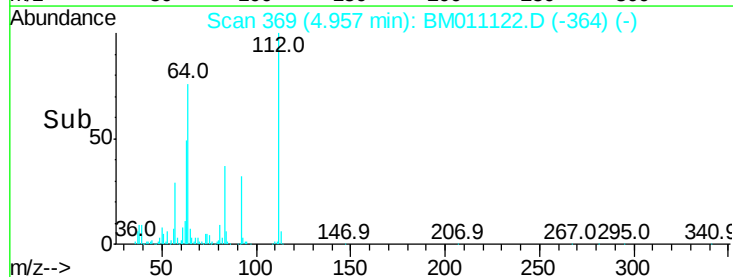
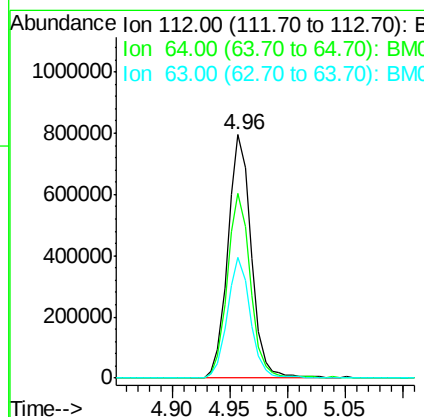
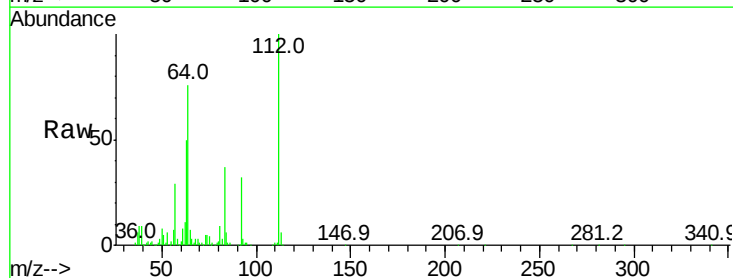
Sohil
8/7/2017 6:07:39 PM



#5

2-Fluorophenol
Concen: 154.959 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011122.D
Acq: 04 Aug 2017 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.1	38.6	57.8
63	49.6	19.3	28.9





#7

Phenol-d6

Concen: 143.282 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011122.D

Acq: 04 Aug 2017 17:58

Instrument :

BNA_M

ClientSampleId :

PB101225TB

Tot Ion: 99 Resp: 1471811

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

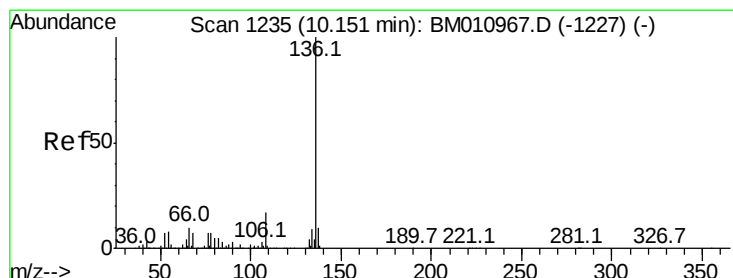
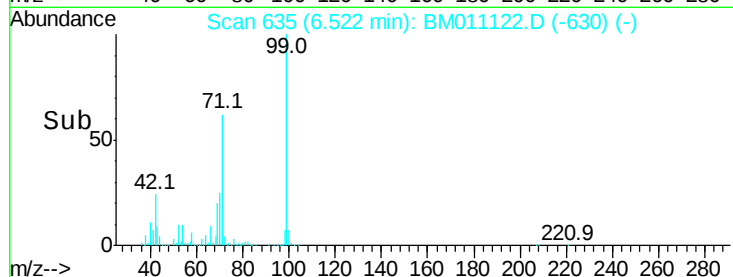
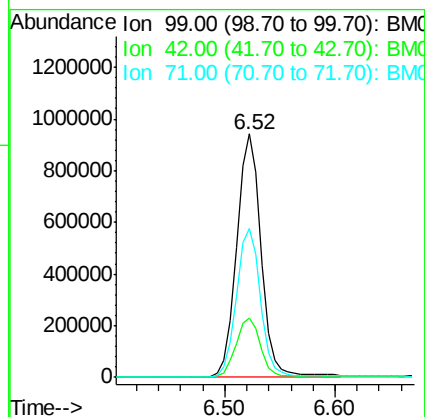
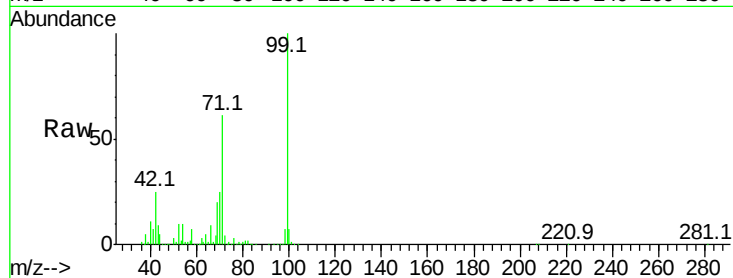
71 61.3 23.4 35.2#

Manual Integrations

APPROVED

Sohil

8/7/2017 6:07:39 PM



#21

Naphthalene-d8

Concen: 20.000 ng m

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011122.D

Acq: 04 Aug 2017 17:58

Tgt Ion: 136 Resp: 426387

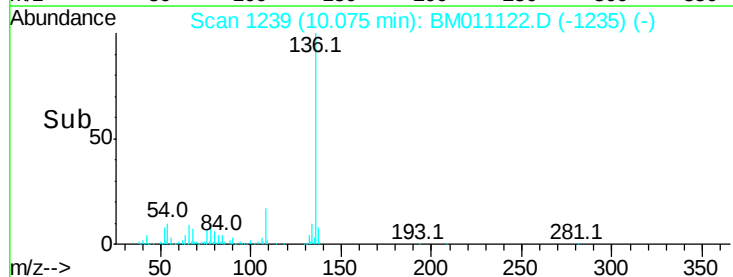
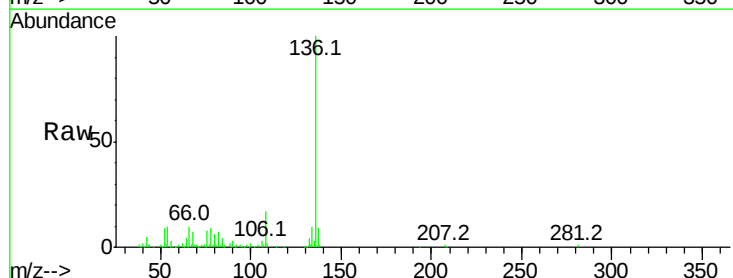
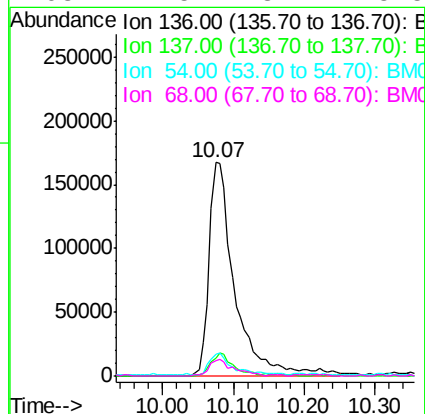
Ion Ratio Lower Upper

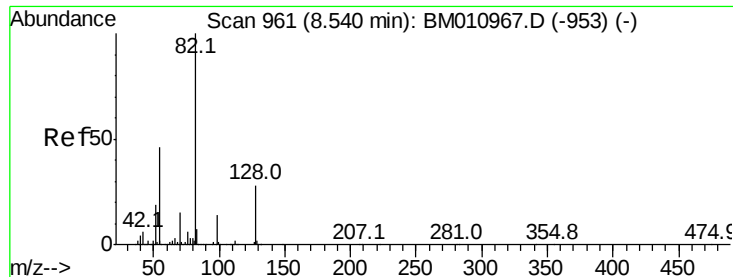
136 100

137 8.6 8.7 13.1#

54 10.1 4.6 6.8#

68 7.5 3.7 5.5#





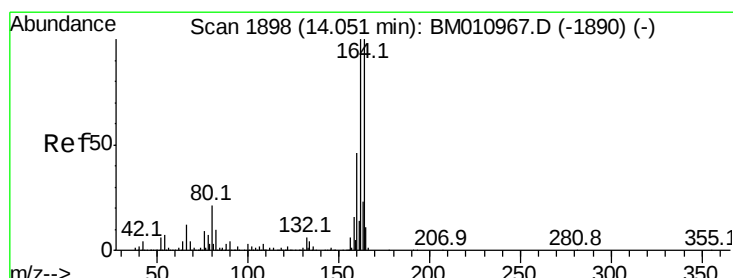
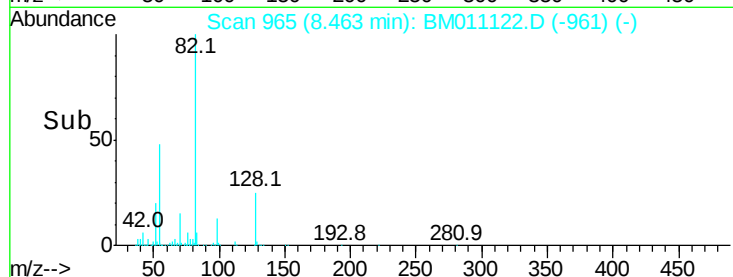
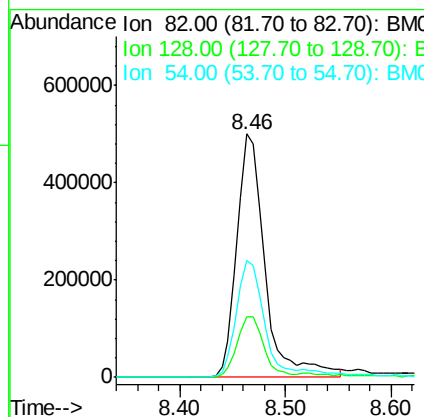
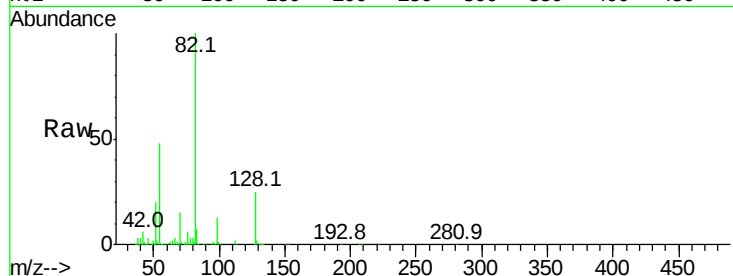
#23
 Nitrobenzene-d5
 Concen: 81.657 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011122.D
 Acq: 04 Aug 2017 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB101225TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	25.1	32.8	49.2#
54	48.0	40.6	60.8

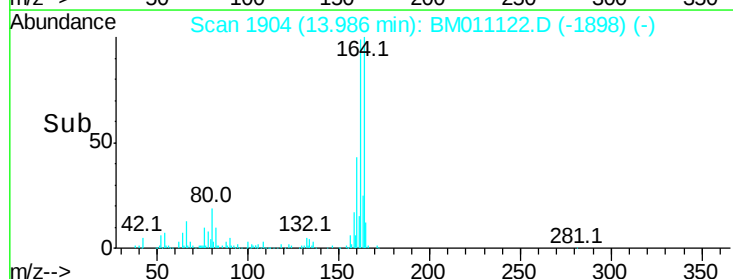
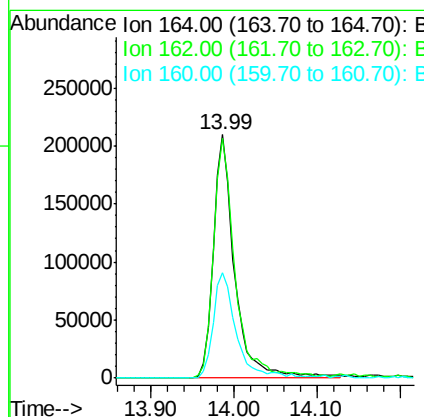
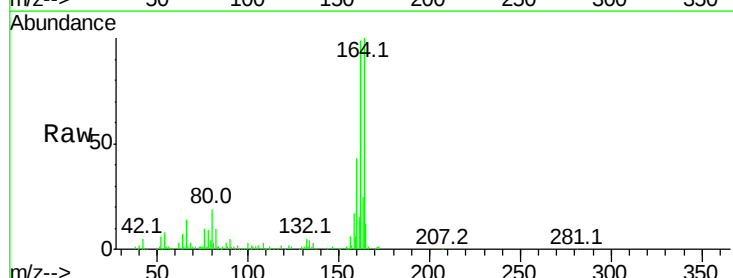
Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:07:39 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng m
 RT: 13.99 min Scan# 1904
 Delta R.T. -0.06 min
 Lab File: BM011122.D
 Acq: 04 Aug 2017 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.4	123.6
160	43.4	35.8	53.6





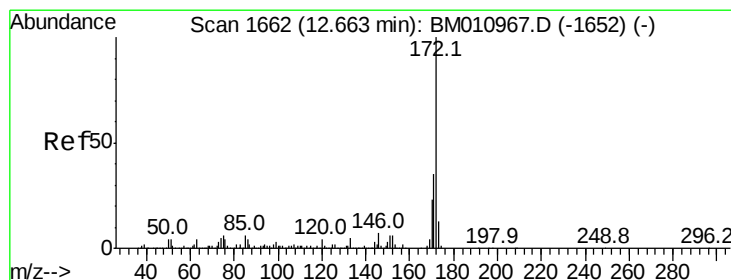
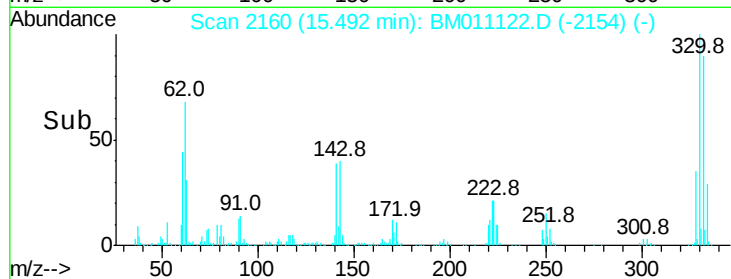
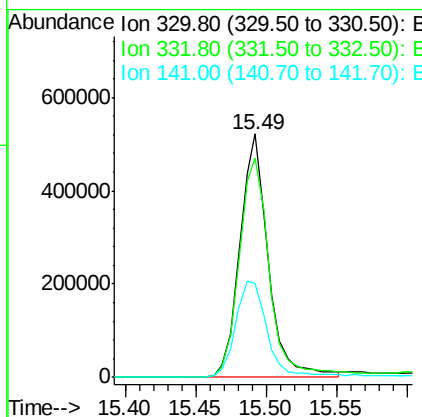
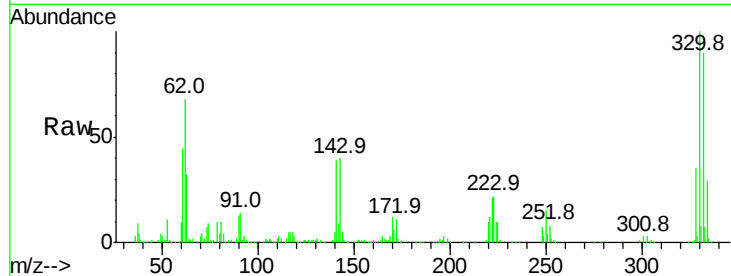
#41
 2,4,6-Tribromophenol
 Concen: 122.236 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011122.D
 Acq: 04 Aug 2017 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB101225TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	0.0	0.0	0.0
141	44.5	0.0	0.0	0.0

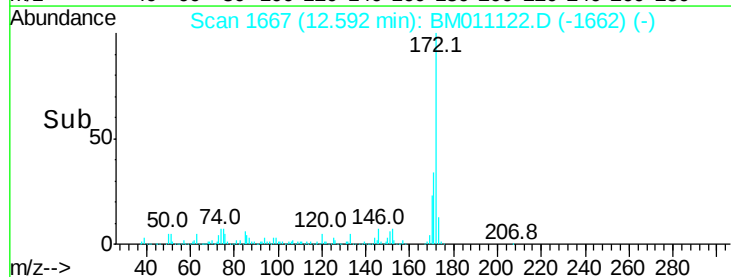
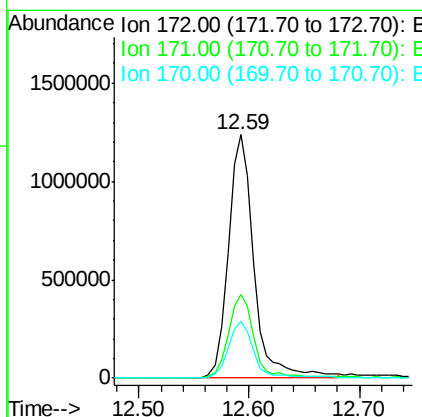
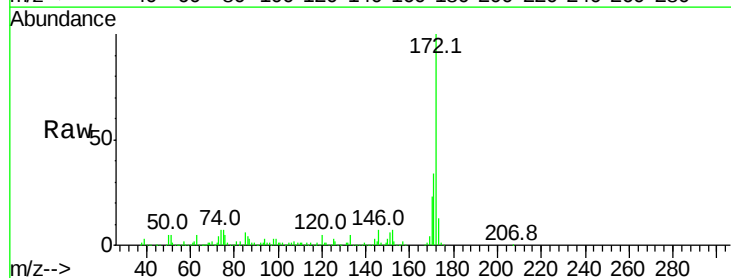
Manual Integrations
 APPROVED

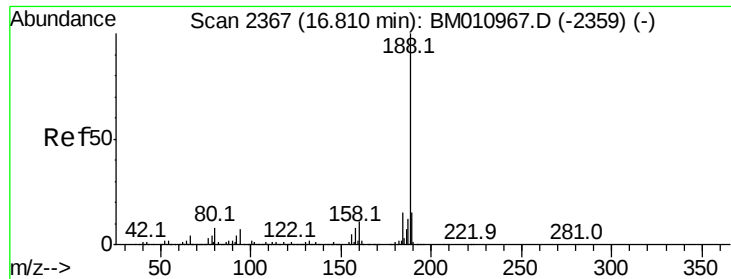
Sohil
 8/7/2017 6:07:39 PM



#44
 2-Fluorobiphenyl
 Concen: 67.488 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011122.D
 Acq: 04 Aug 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.4	28.5	42.7	
170	23.3	18.8	28.2	





#63

Phenanthrene-d10

Concen: 20.000 ng m

RT: 16.74 min Scan# 2373

Delta R.T. -0.06 min

Lab File: BM011122.D

Acq: 04 Aug 2017 17:58

Instrument :

BNA_M

ClientSampleId :

PB101225TB

Tot Ion:188 Resp: 424326

Ion Ratio Lower Upper

188 100

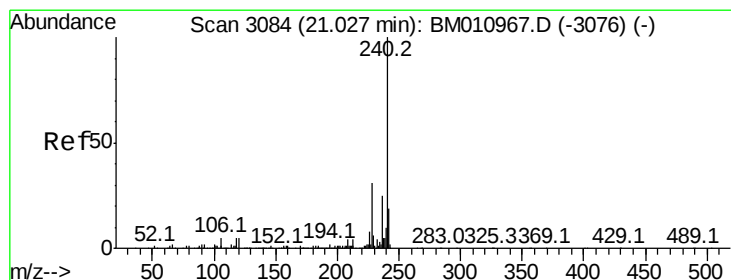
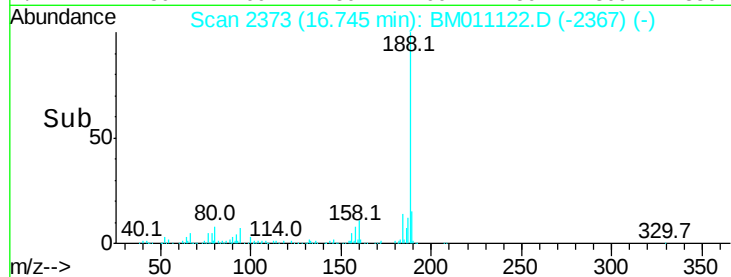
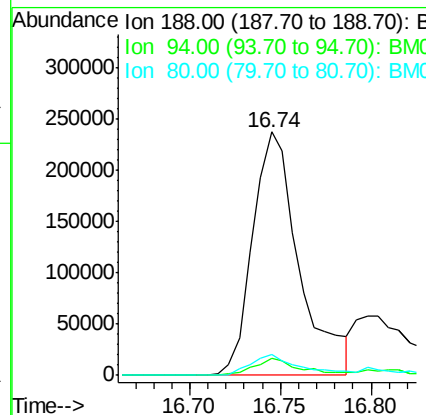
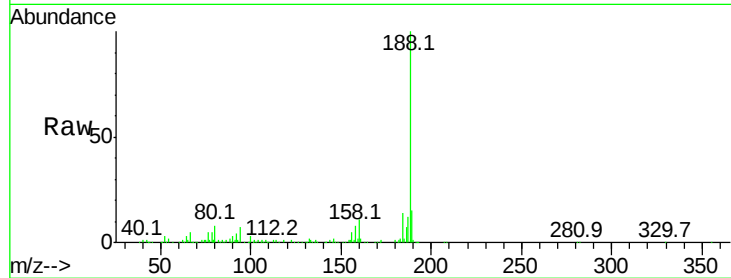
94 7.1 8.7 13.1#

80 8.3 9.3 13.9#

Manual Integrations
APPROVED

Sohil

8/7/2017 6:07:39 PM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3095

Delta R.T. -0.04 min

Lab File: BM011122.D

Acq: 04 Aug 2017 17:58

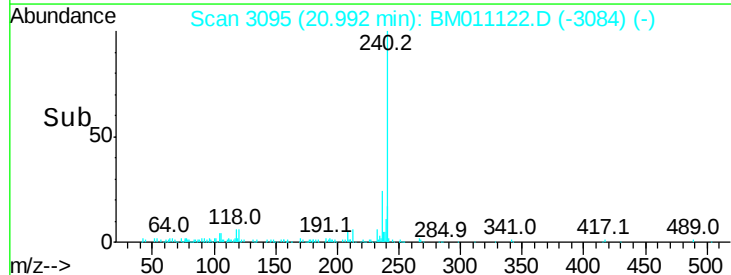
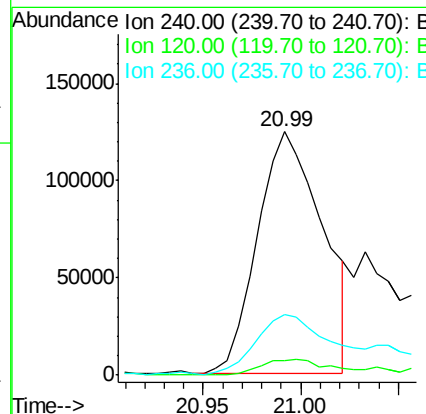
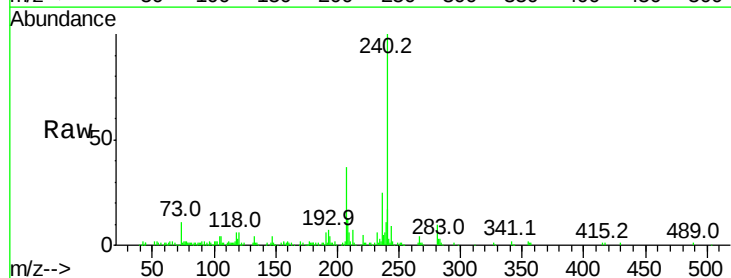
Tgt Ion:240 Resp: 288122

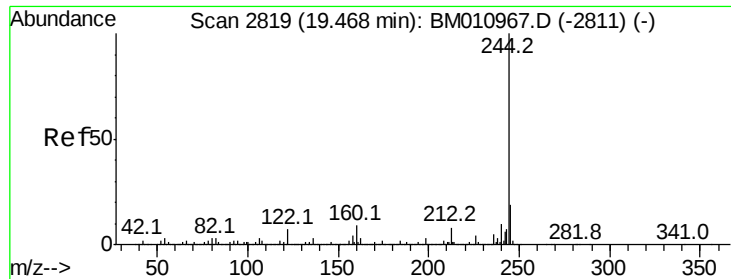
Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

236 24.9 20.0 30.0





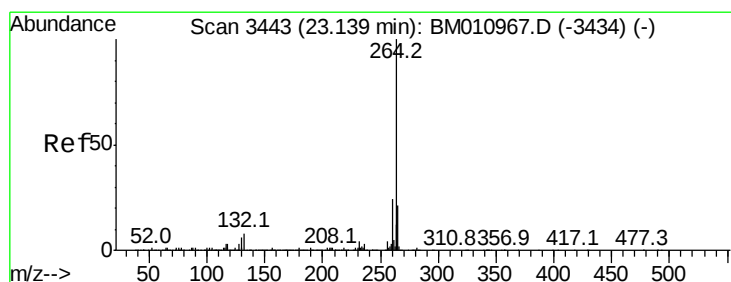
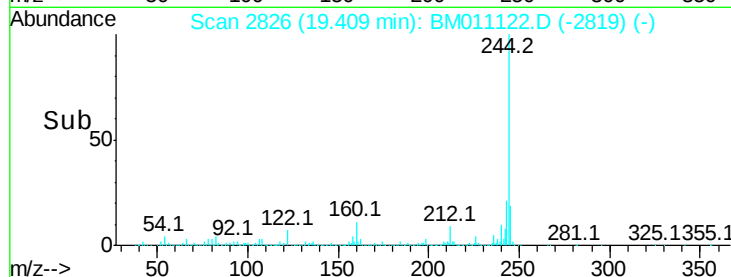
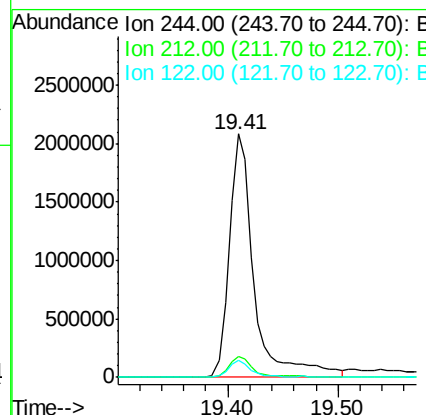
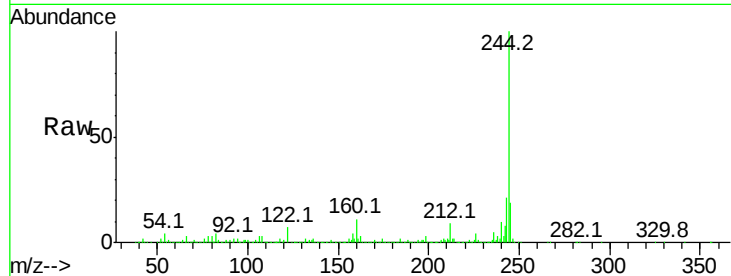
#78
 Terphenyl-d14
 Concen: 225.041 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011122.D
 Acq: 04 Aug 2017 17:58

Instrument :
 BNA_M
 ClientSampled :
 PB101225TB

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	6.8	6.2	9.4

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:07:39 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.06 min Scan# 3446
 Delta R.T. -0.08 min
 Lab File: BM011122.D
 Acq: 04 Aug 2017 17:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.7	17.3	25.9

