

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011165.D
 Acq On : 07 Aug 2017 22:56
 Operator : SJ/JU
 Sample : I4592-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:13:02 PM

Quant Time: Aug 08 02:31:39 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	7.31	152	142981	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	500592	20.00	ng	-0.08
38) Acenaphthene-d10	13.97	164	367472	20.00	ng	-0.08
63) Phenanthrene-d10	16.74	188	947500	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1551876	20.00	ng	-0.06
86) Perylene-d12	23.04	264	1495493	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1358327	160.59	ng	-0.07
7) Phenol-d6	6.52	99	1785769	148.60	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1687964	126.55	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1008839	171.29	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3111164	106.18	ng	-0.08
78) Terphenyl-d14	19.41	244	7326170	93.51	ng	-0.06
Target Compounds						
76) Benzidine	19.02	184	1140489m	30.720	ng	Qvalue

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

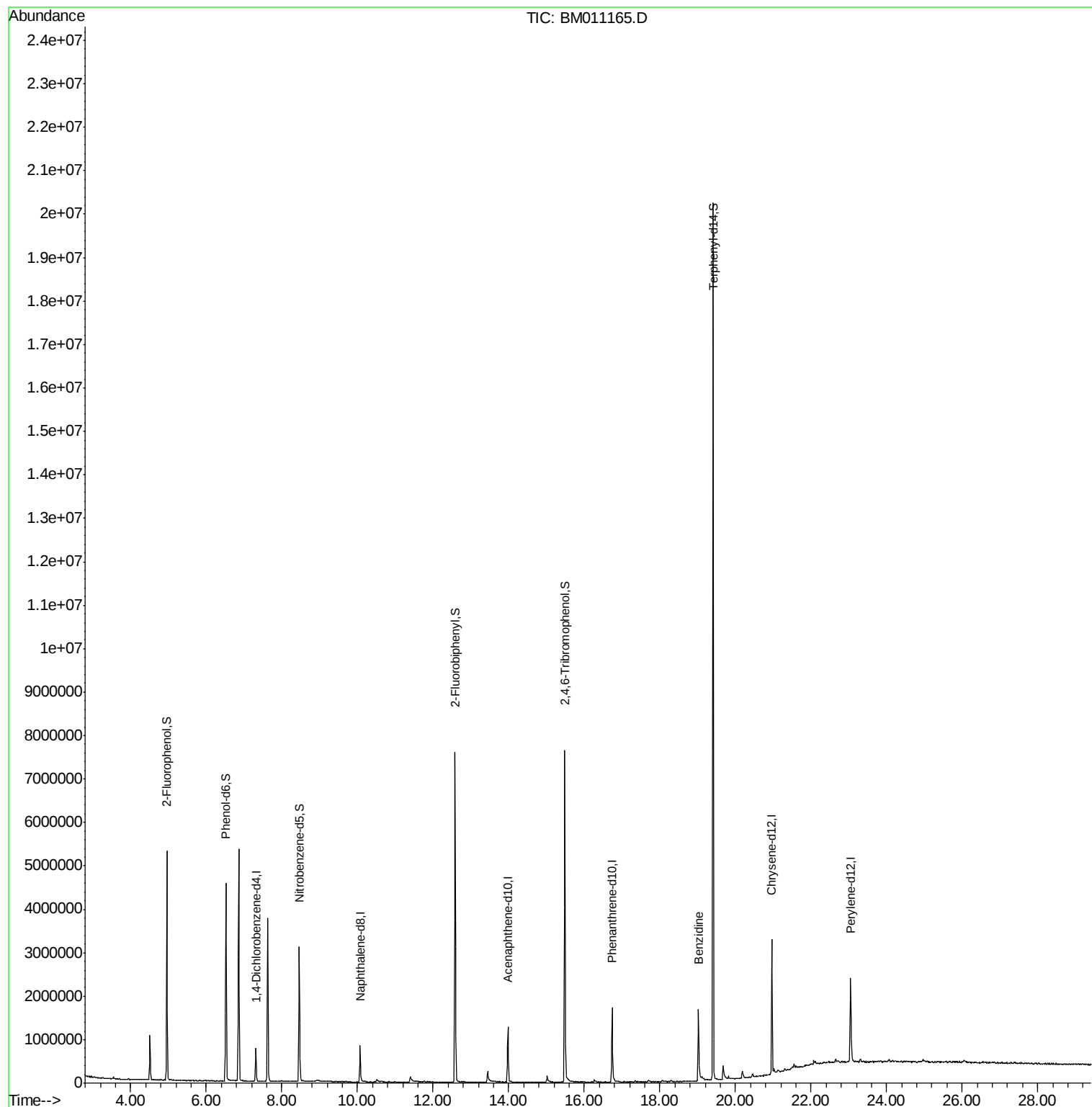
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011165.D
Acq On : 07 Aug 2017 22:56
Operator : SJ/JU
Sample : I4592-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

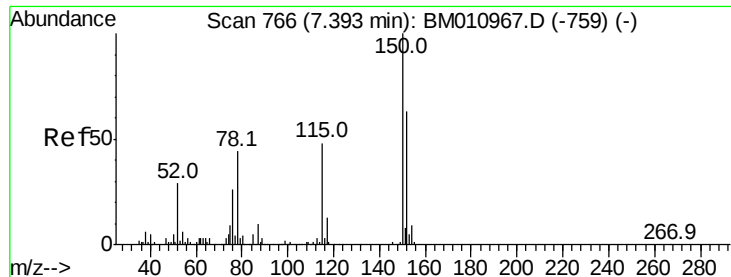
Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451

Manual Integrations
APPROVED

Sohil
8/10/2017 6:13:02 PM

Quant Time: Aug 08 02:31:39 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

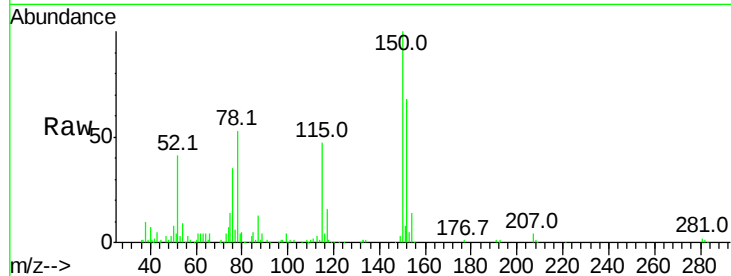
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451

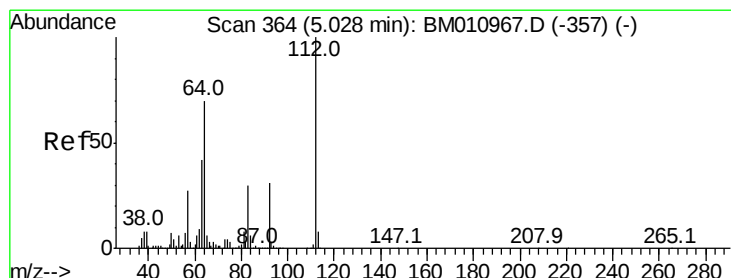
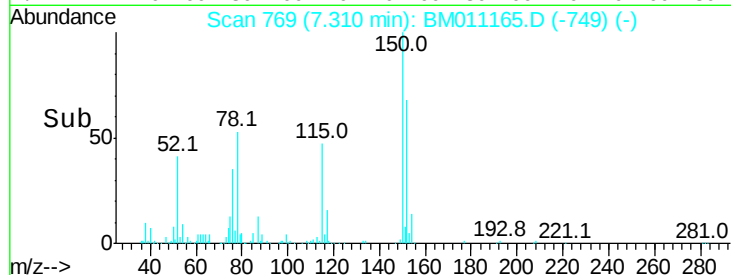
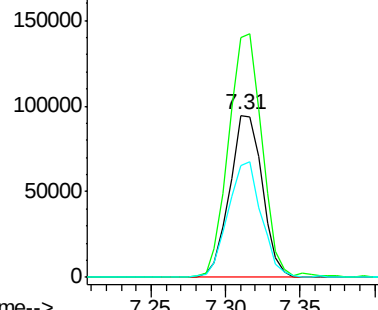
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	119.5	179.3
115	68.9	43.0	64.4

Manual Integrations
APPROVED

Sohil
8/10/2017 6:13:02 PM



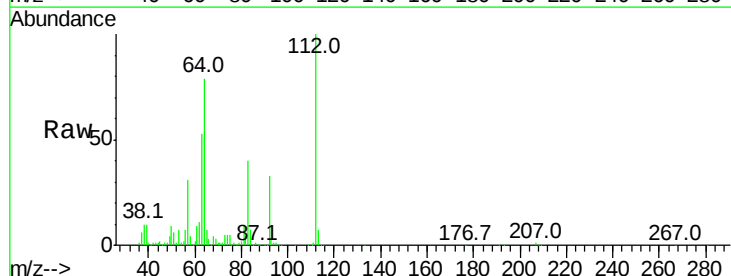
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



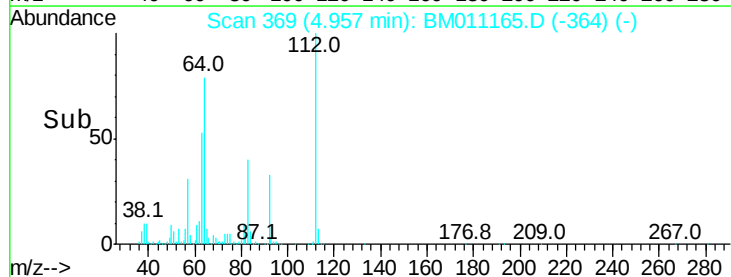
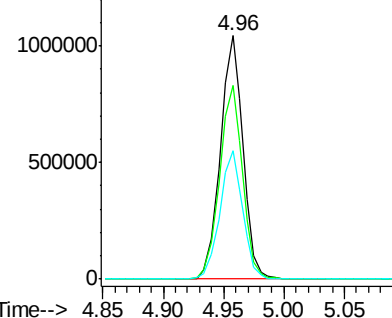
#5

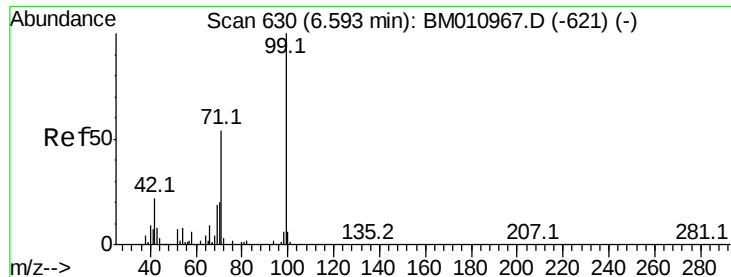
2-Fluorophenol
Concen: 160.593 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.4	38.6	57.8
63	52.9	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 148.596 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451

Tot Ion: 99 Resp: 1785769

Ion Ratio Lower Upper

99 100

42 27.0 11.0 16.4#

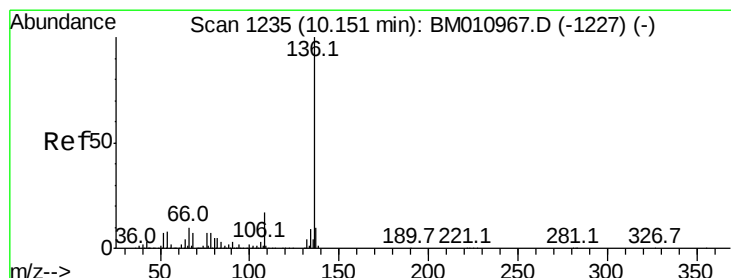
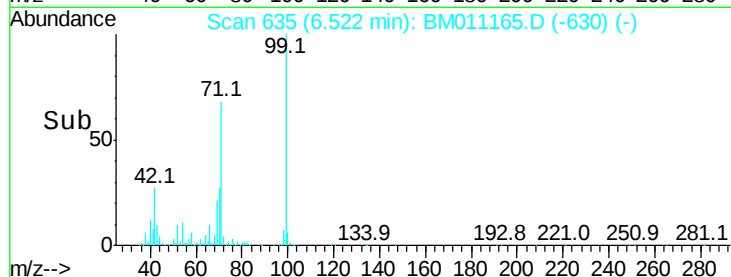
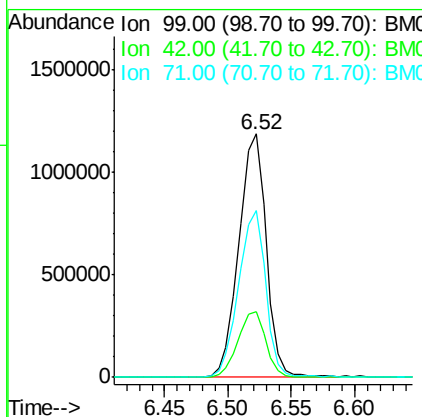
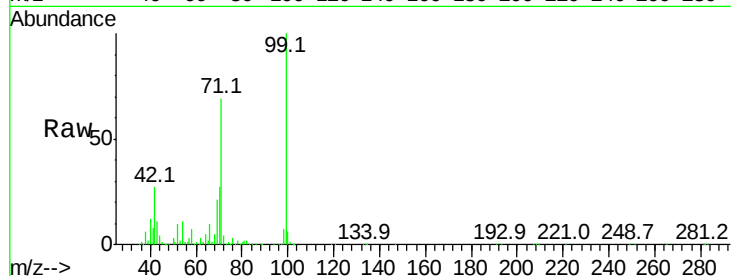
71 68.7 23.4 35.2#

Manual Integrations

APPROVED

Sohil

8/10/2017 6:13:02 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Tgt Ion: 136 Resp: 500592

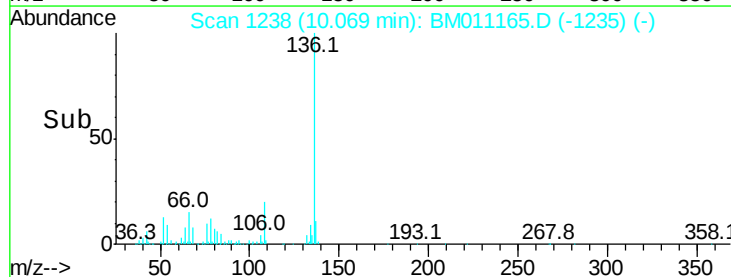
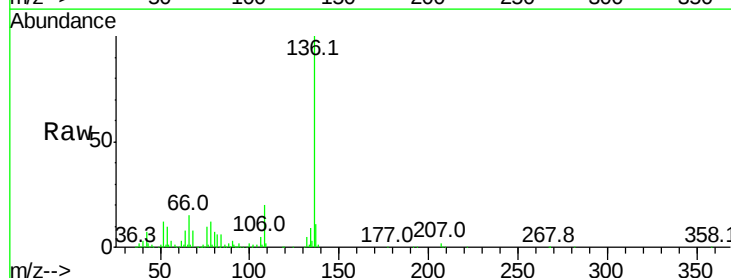
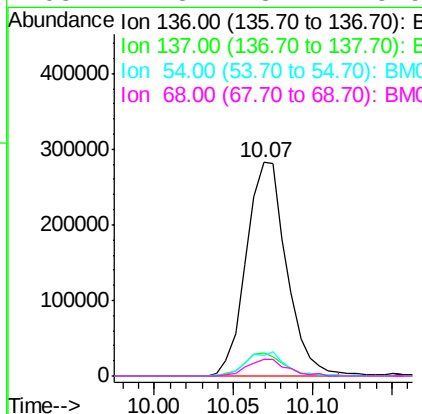
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.8 4.6 6.8#

68 7.8 3.7 5.5#





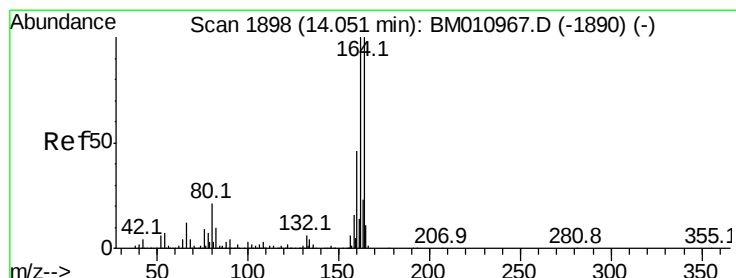
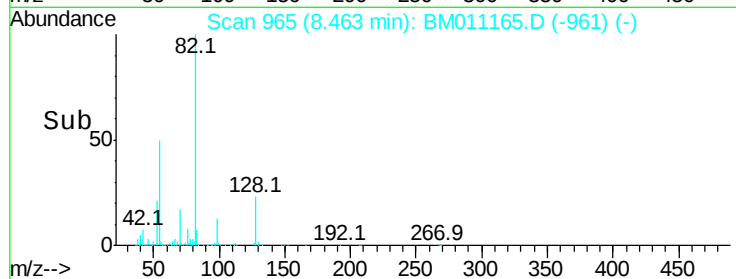
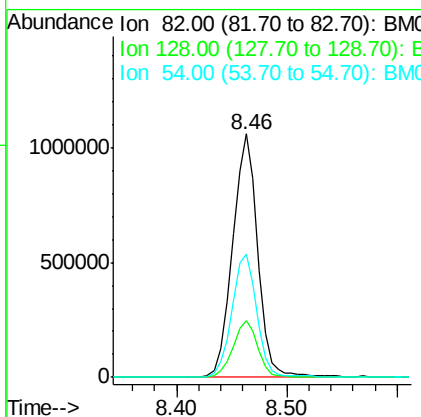
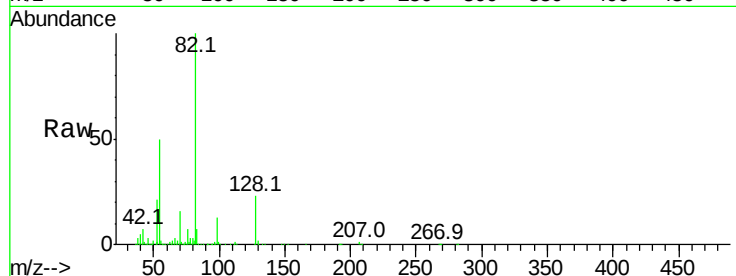
#23
 Nitrobenzene-d5
 Concen: 126.554 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011165.D
 Acq: 07 Aug 2017 22:56

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Tot Ion	Ratio	Lower	Upper
82	100		
128	23.4	32.8	49.2#
54	50.5	40.6	60.8

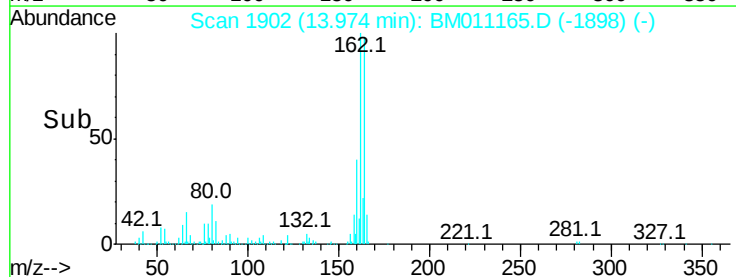
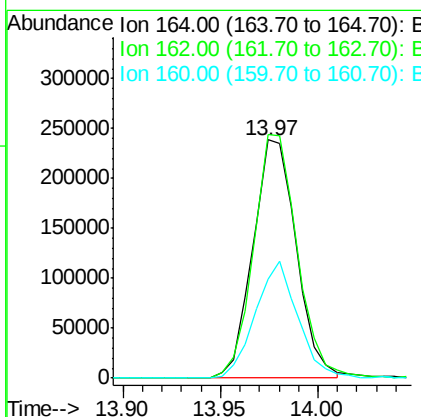
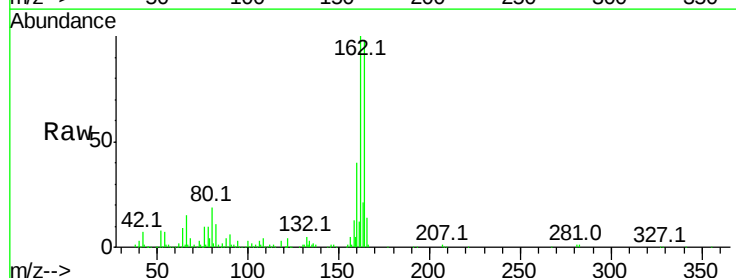
Manual Integrations
 APPROVED

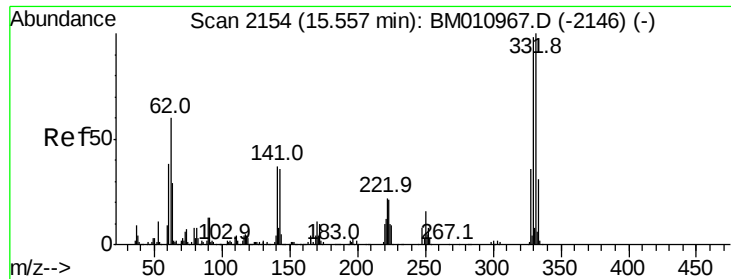
Sohil
 8/10/2017 6:13:02 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.97 min Scan# 1902
 Delta R.T. -0.08 min
 Lab File: BM011165.D
 Acq: 07 Aug 2017 22:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	41.4	35.8	53.6





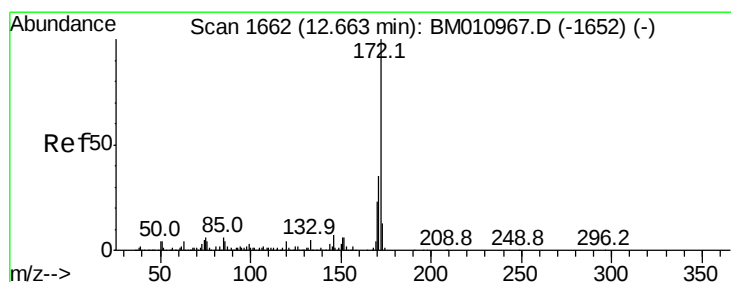
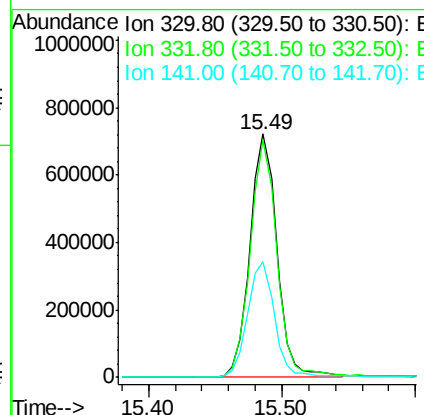
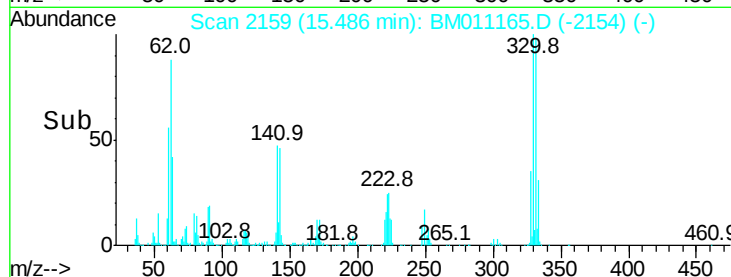
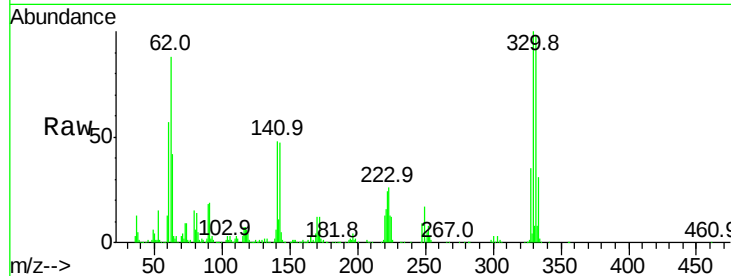
#41
2,4,6-Tribromophenol
Concen: 171.286 ng
RT: 15.49 min Scan# 2159
Delta R.T. -0.07 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	0.0	0.0	0.0
141	47.7	0.0	0.0	0.0

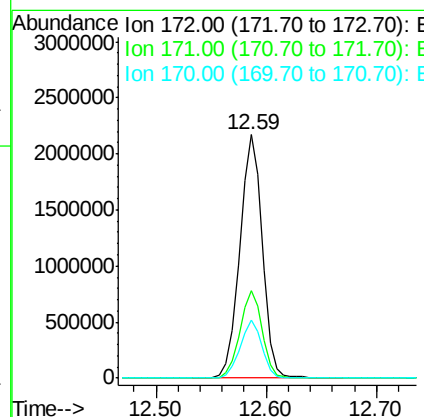
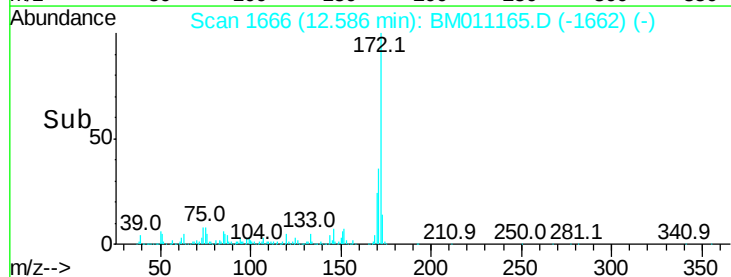
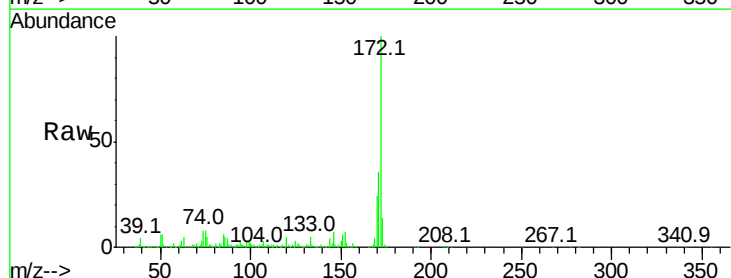
Manual Integrations
APPROVED

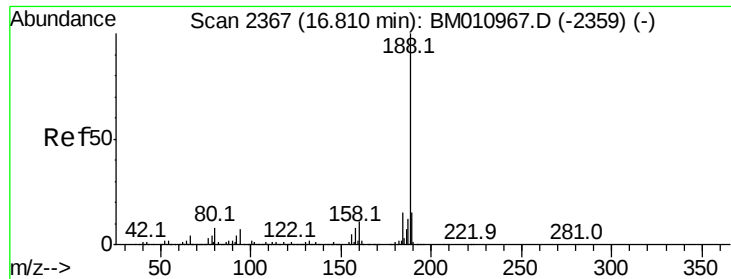
Sohil
8/10/2017 6:13:02 PM



#44
2-Fluorobiphenyl
Concen: 106.180 ng
RT: 12.59 min Scan# 1666
Delta R.T. -0.08 min
Lab File: BM011165.D
Acq: 07 Aug 2017 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	28.5	42.7	
170	23.6	18.8	28.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Instrument :

BNA_M

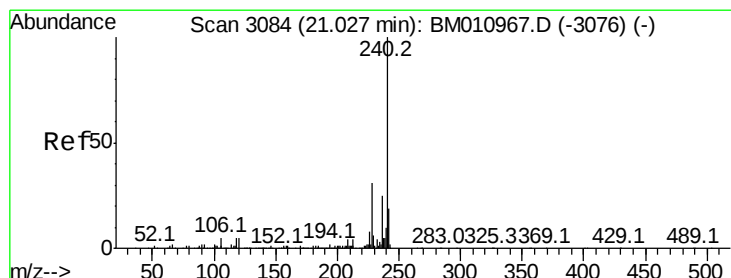
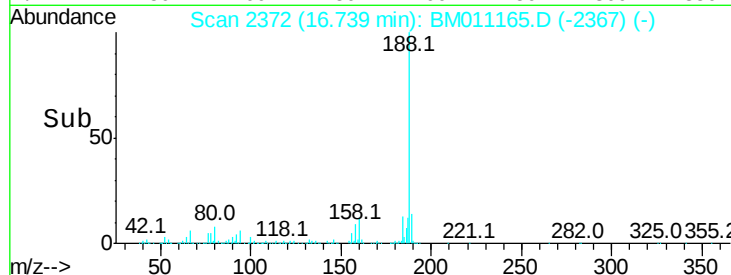
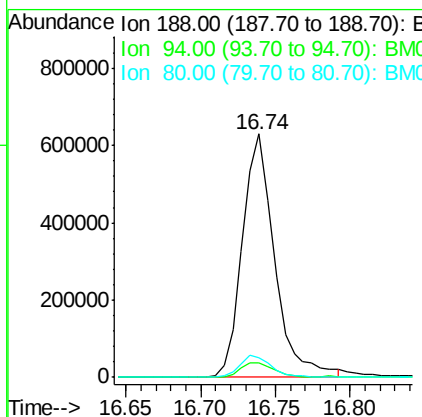
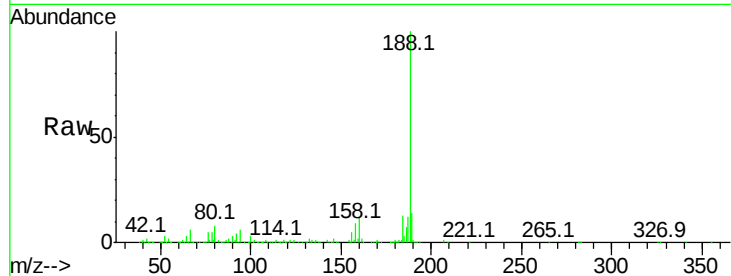
ClientSampleId :

15-50-RT3460-RT4215-RT3451

Tot Ion:	188	Resp:	947500
Ion Ratio	Lower	Upper	
188	100		
94	6.1	8.7	13.1#
80	8.3	9.3	13.9#

Manual Integrations
APPROVED

Sohil
8/10/2017 6:13:02 PM



#75

Chrysene-d12

Concen: 20.000 ng

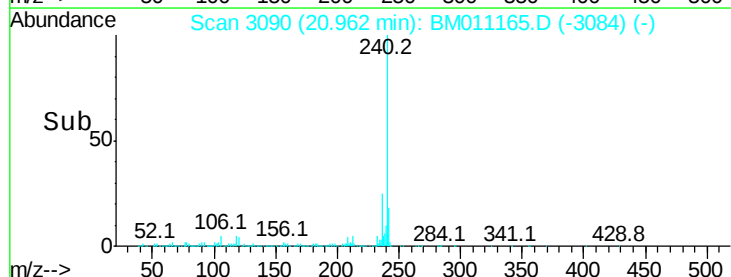
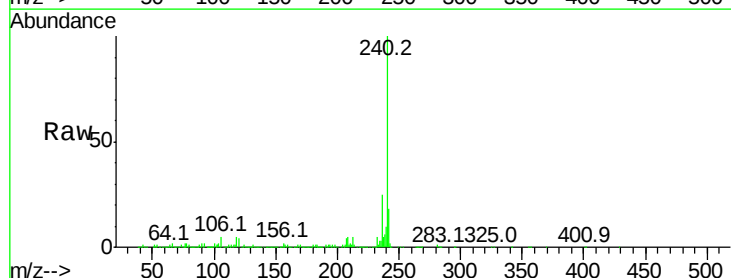
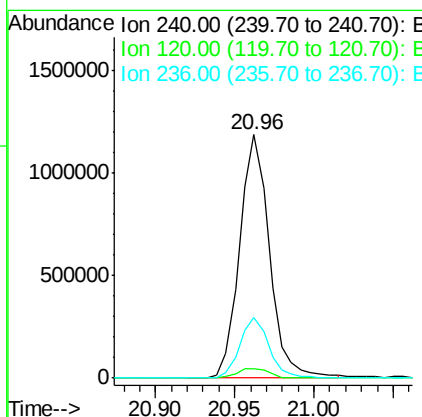
RT: 20.96 min Scan# 3090

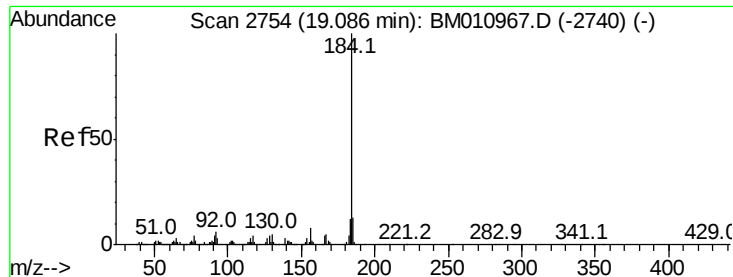
Delta R.T. -0.06 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Tgt Ion:	240	Resp:	1551876
Ion Ratio	Lower	Upper	
240	100		
120	4.0	8.2	12.2#
236	24.8	20.0	30.0





#76

Benzidine

Concen: 30.720 ng/mL

RT: 19.02 min Scan# 2760

Delta R.T. -0.06 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451

Tot Ion:184 Resp: 1140489

Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.3	16.9
183	11.3	8.9	13.3

184 100

185 12.7 11.3 16.9

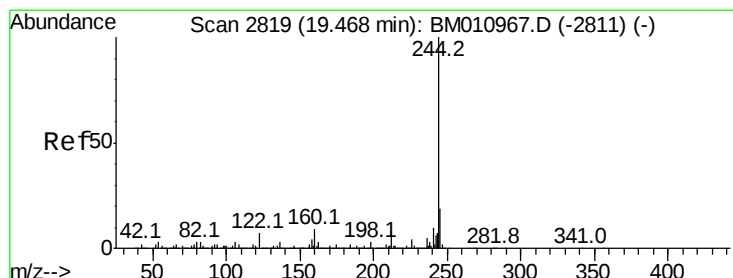
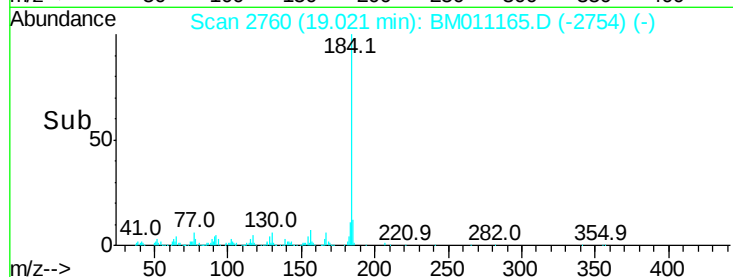
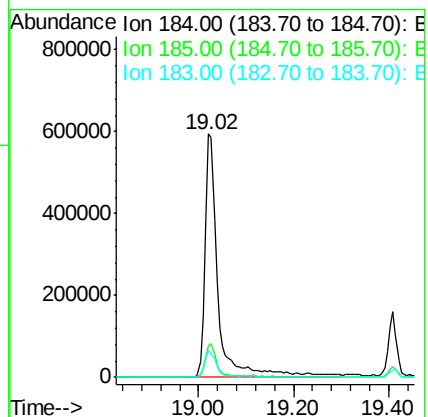
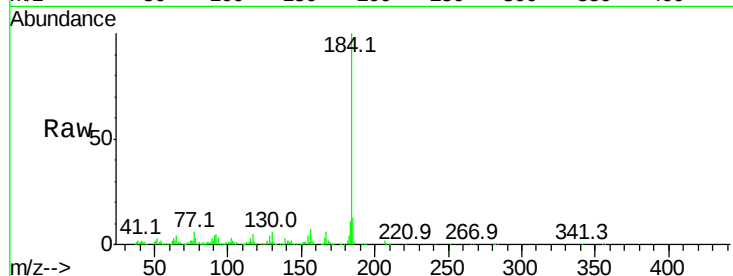
183 11.3 8.9 13.3

Manual Integrations

APPROVED

Sohil

8/10/2017 6:13:02 PM



#78

Terphenyl-d14

Concen: 93.514 ng/mL

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011165.D

Acq: 07 Aug 2017 22:56

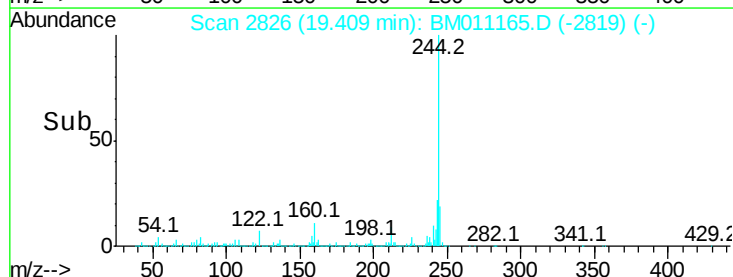
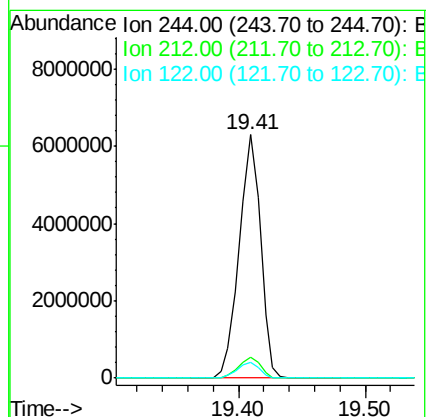
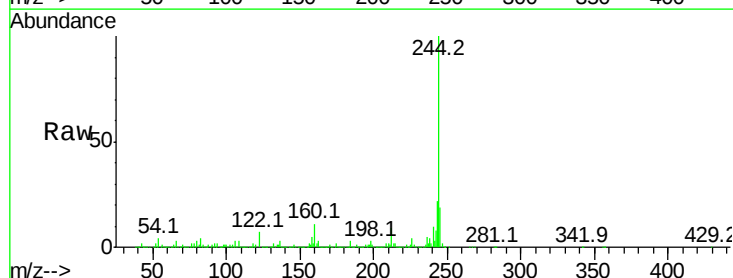
Tgt Ion:244 Resp: 7326170

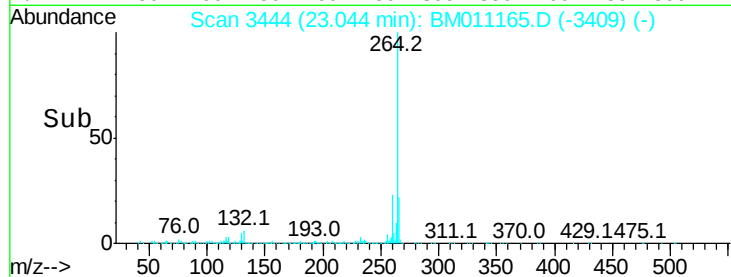
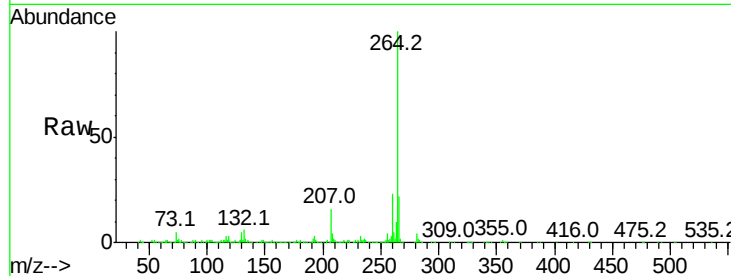
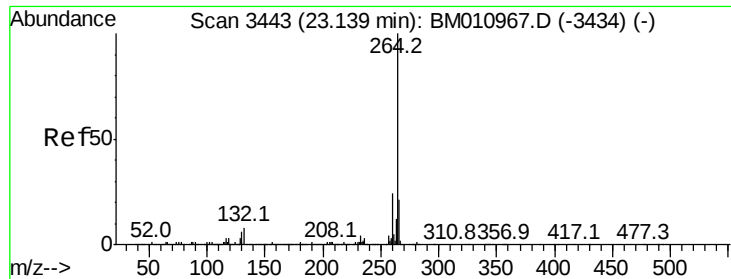
Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.5	6.2	9.4

244 100

212 8.6 4.9 7.3#

122 6.5 6.2 9.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.04 min Scan# 3444
 Delta R.T. -0.09 min
 Lab File: BM011165.D
 Acq: 07 Aug 2017 22:56

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	22.2	17.3	25.9

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:13:02 PM

