

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011341.D
 Acq On : 22 Aug 2017 23:37
 Operator : SJ/JU
 Sample : I4914-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 289-COMP

Quant Time: Aug 23 03:46:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	103720	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	354555	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	246626	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	626753	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	806068	20.00	ng	-0.02
86) Perylene-d12	22.99	264	806132	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	724887	118.14	ng	-0.02
7) Phenol-d6	6.47	99	940307	107.86	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1036042	109.67	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	400139	101.23	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1527088	77.66	ng	-0.02
78) Terphenyl-d14	19.37	244	2837267	69.72	ng	-0.02

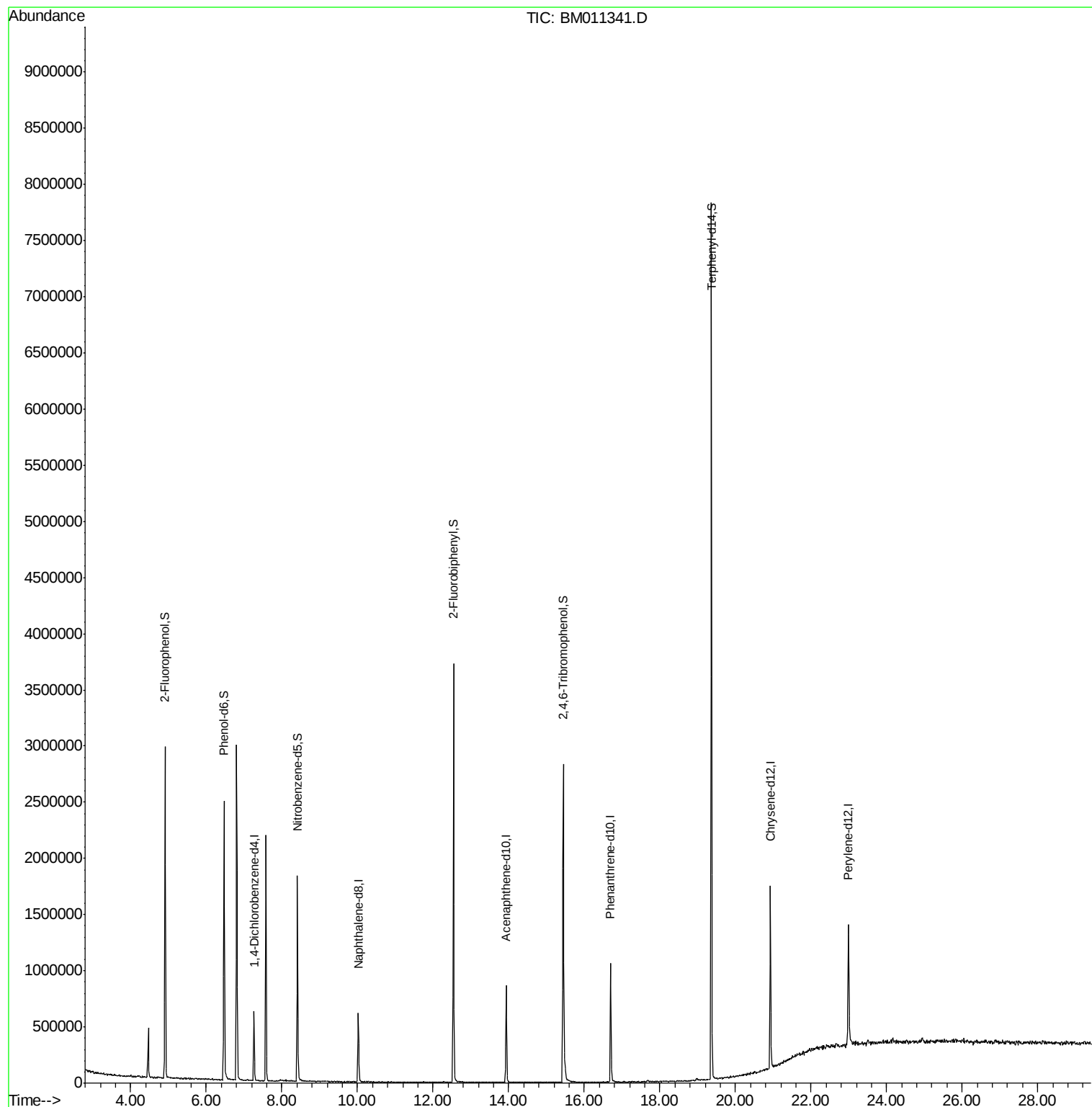
Target Compounds Qvalue

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

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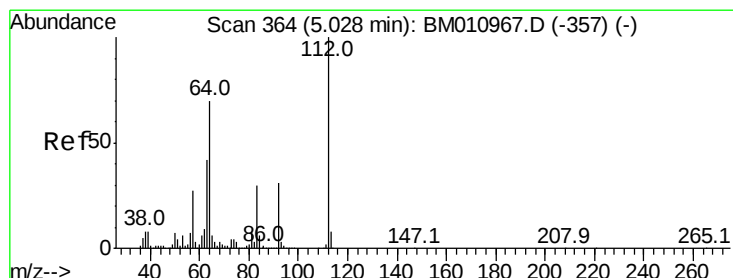
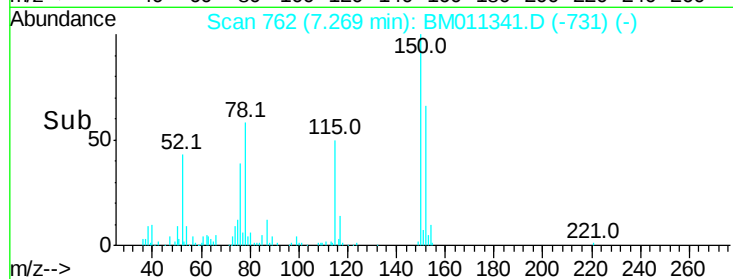
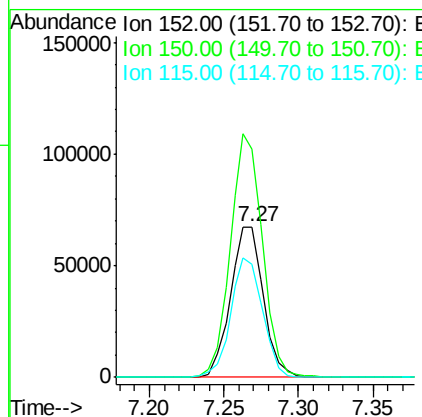
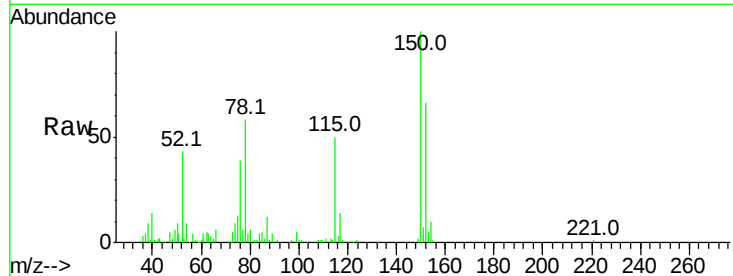


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011341.D
Acq: 22 Aug 2017 23:37

Instrument :
BNA_M
ClientSampleId :
289-COMP

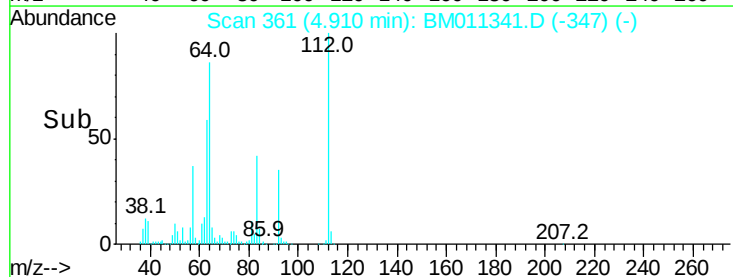
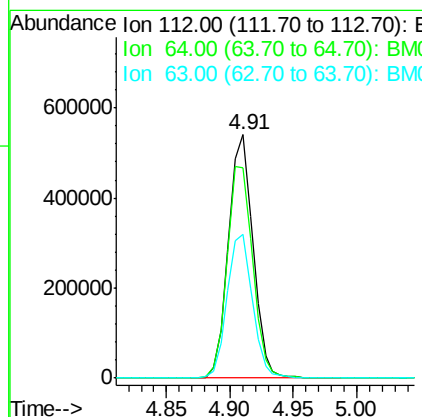
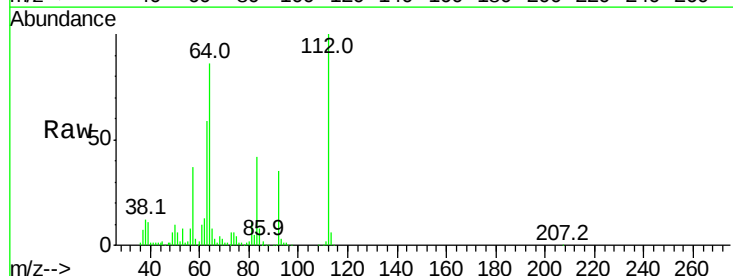
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	75.0	43.0	64.4#

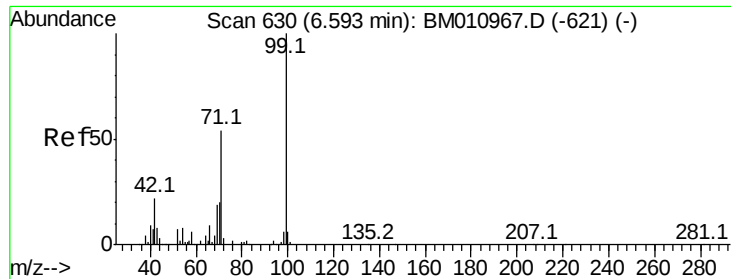


#5

2-Fluorophenol
Concen: 118.143 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011341.D
Acq: 22 Aug 2017 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	86.4	38.6	57.8#
63	59.0	19.3	28.9#





#7

Phenol-d6

Concen: 107.862 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011341.D

Acq: 22 Aug 2017 23:37

Instrument :

BNA_M

ClientSampleId :

289-COMP

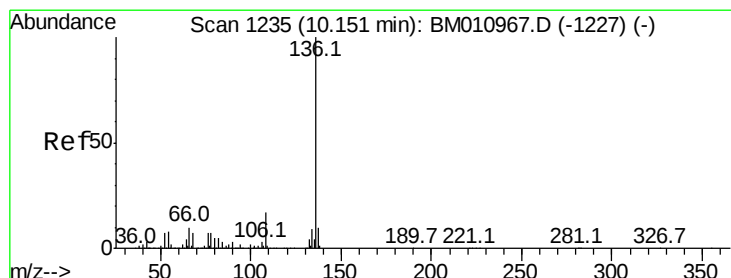
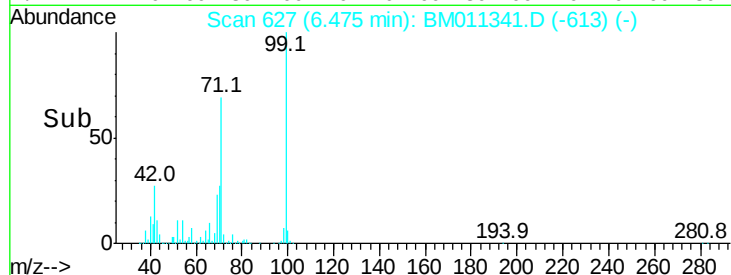
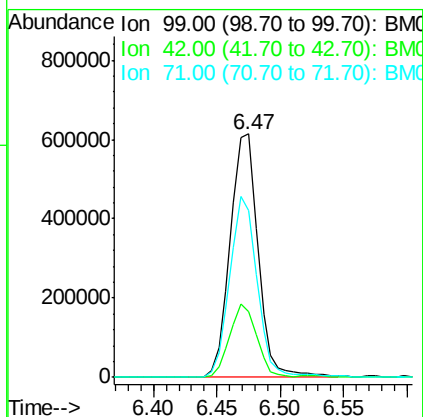
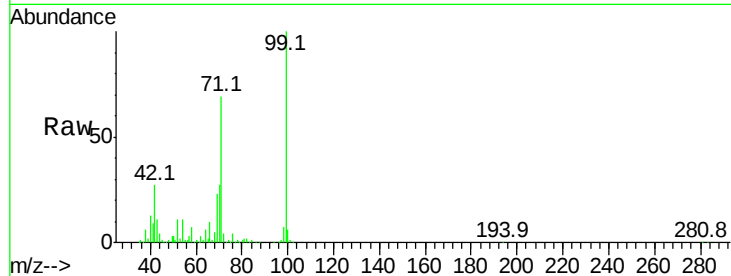
Tot Ion: 99 Resp: 940307

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

71 68.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011341.D

Acq: 22 Aug 2017 23:37

Tgt Ion: 136 Resp: 354555

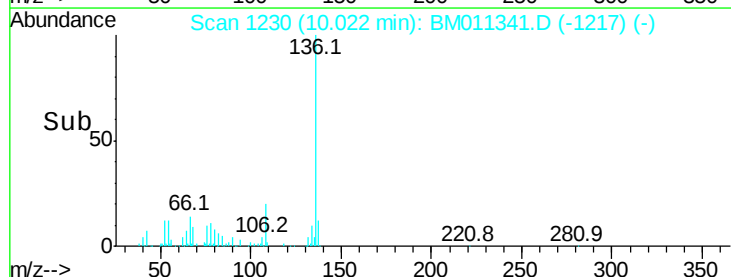
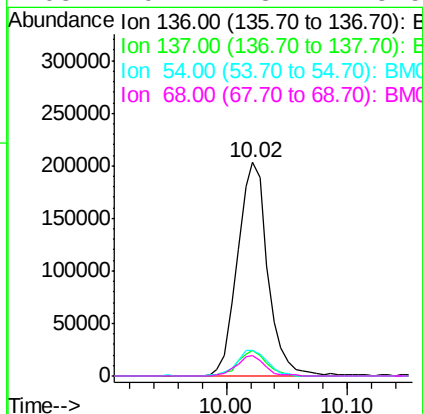
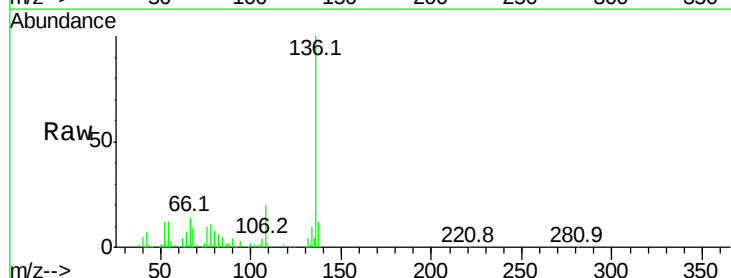
Ion Ratio Lower Upper

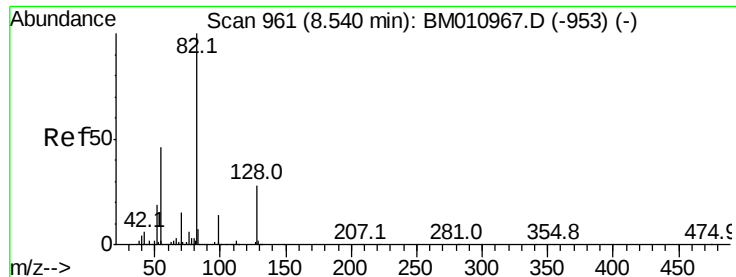
136 100

137 12.0 8.7 13.1

54 12.0 4.6 6.8#

68 9.4 3.7 5.5#

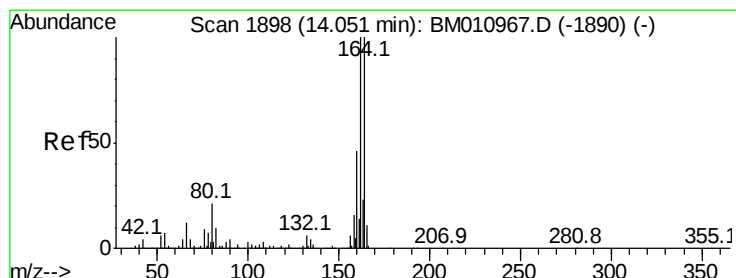
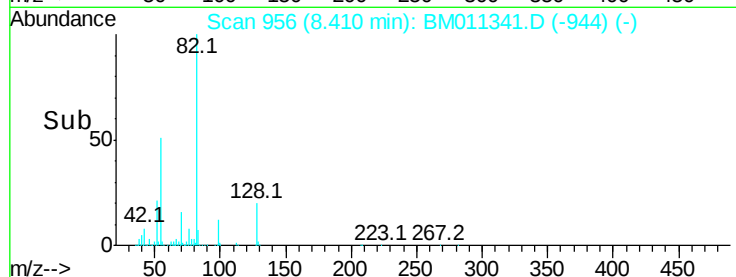
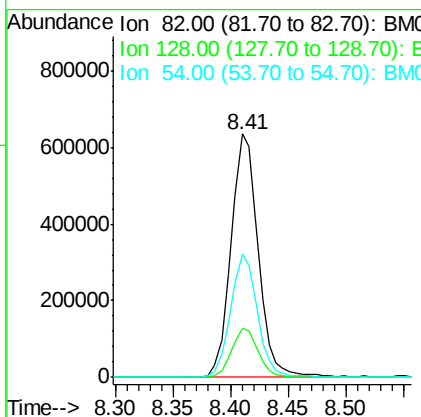
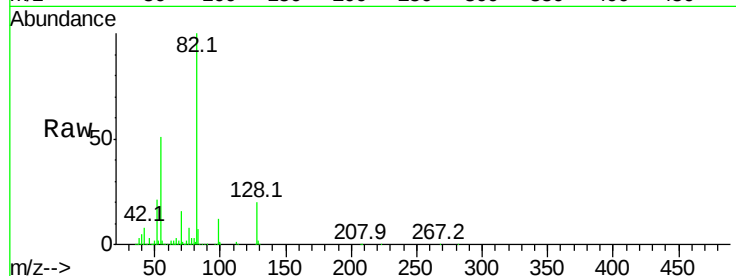




#23
 Nitrobenzene-d5
 Concen: 109.671 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011341.D
 Acq: 22 Aug 2017 23:37

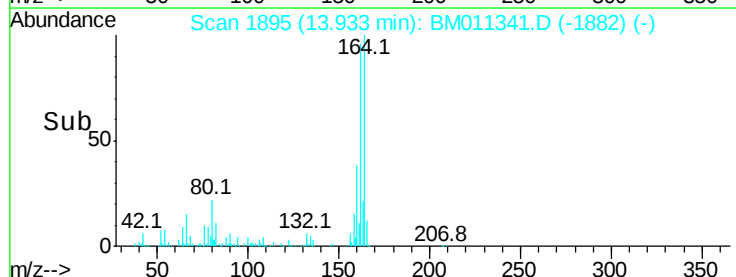
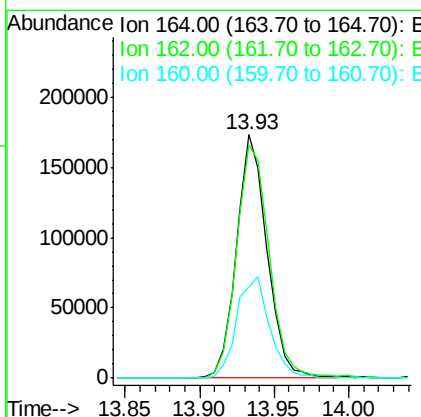
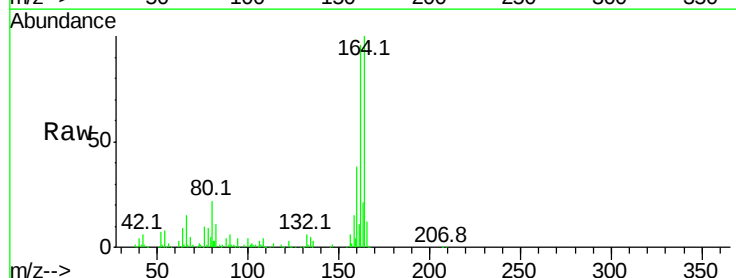
Instrument :
 BNA_M
 ClientSampleId :
 289-COMP

Tot Ion: 82 Resp: 1036042
 Ion Ratio Lower Upper
 82 100
 128 20.1 32.8 49.2#
 54 50.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011341.D
 Acq: 22 Aug 2017 23:37

Tgt Ion:164 Resp: 246626
 Ion Ratio Lower Upper
 164 100
 162 95.7 82.4 123.6
 160 37.7 35.8 53.6

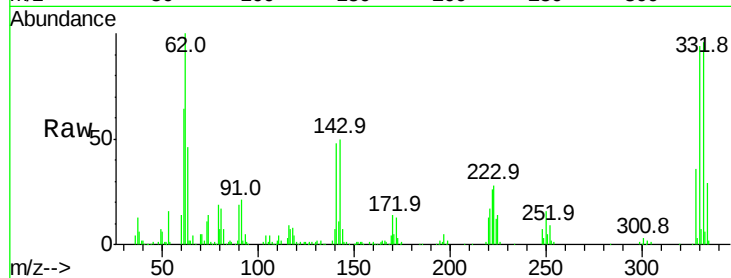




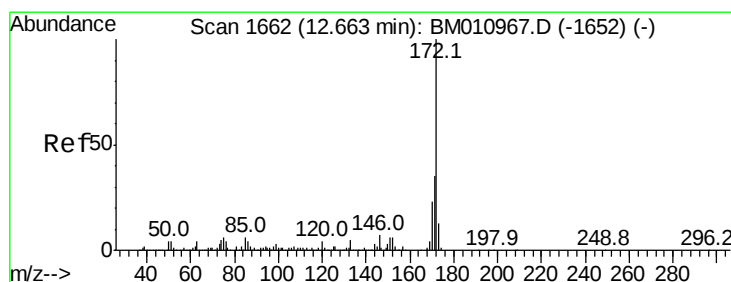
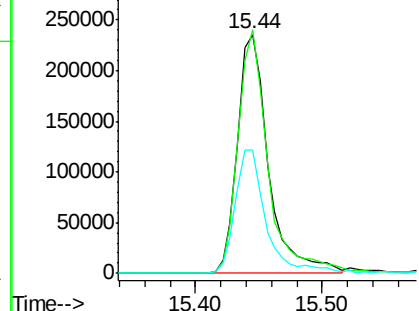
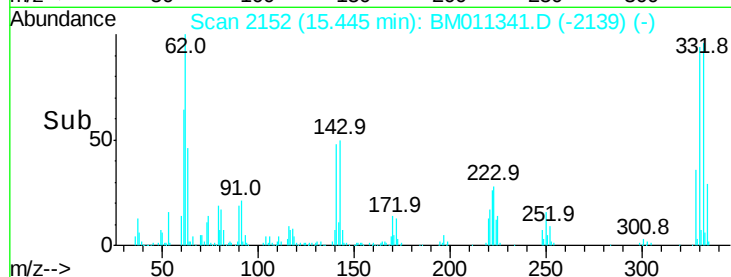
#41
 2,4,6-Tribromophenol
 Concen: 101.227 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011341.D
 Acq: 22 Aug 2017 23:37

Instrument :
 BNA_M
 ClientSampleId :
 289-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	50.9	0.0	0.0#

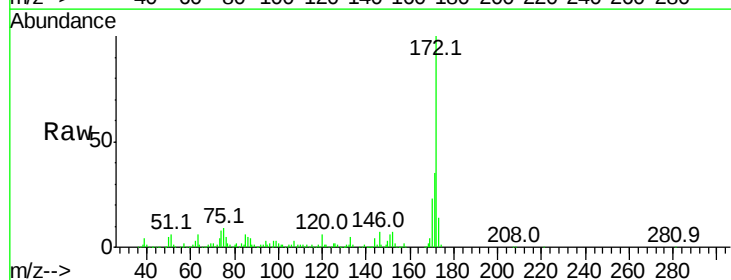


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

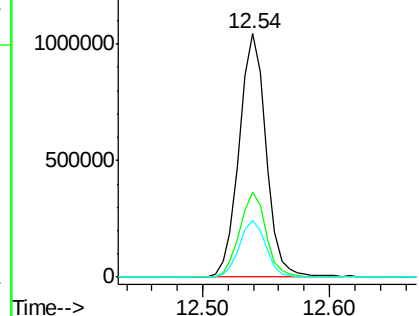
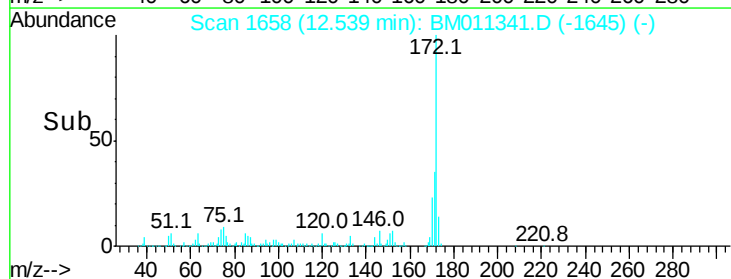


#44
 2-Fluorobiphenyl
 Concen: 77.655 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011341.D
 Acq: 22 Aug 2017 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.1	18.8	28.2



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

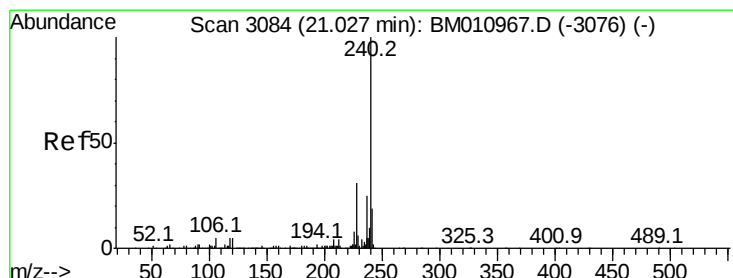
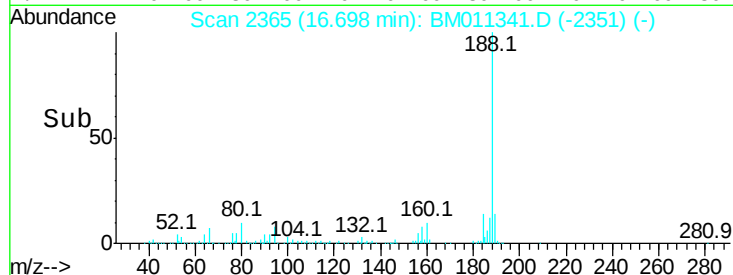
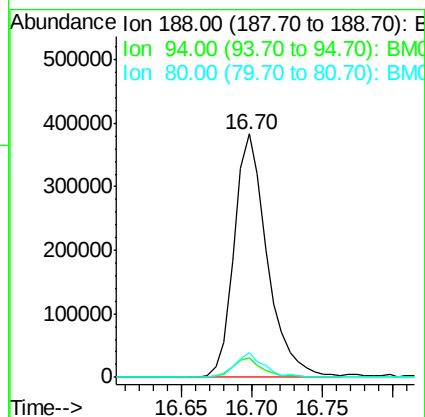
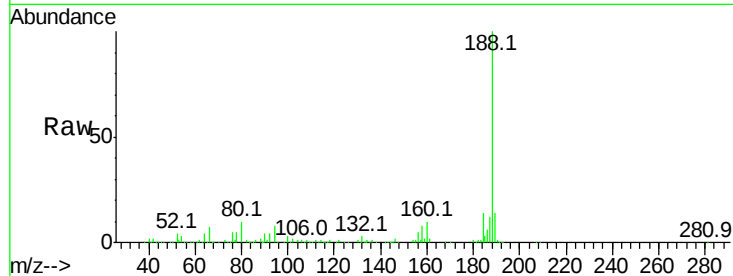




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011341.D
Acq: 22 Aug 2017 23:37

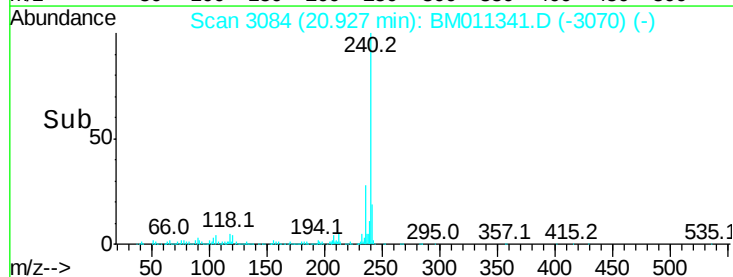
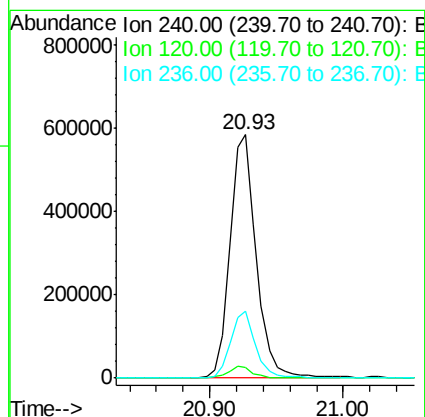
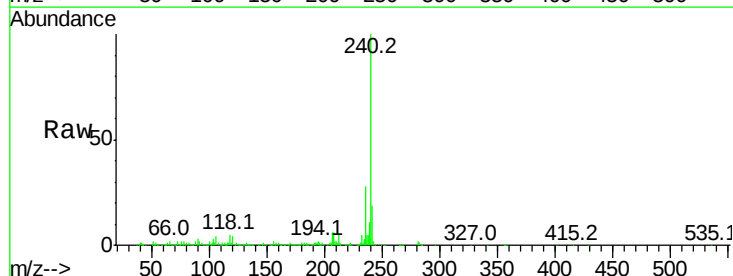
Instrument :
BNA_M
ClientSampleId :
289-COMP

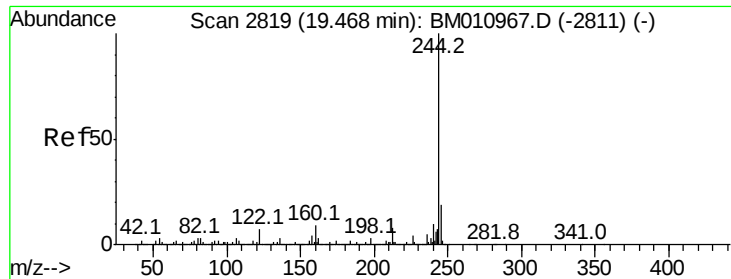
Tot Ion:188 Resp: 626753
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 10.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011341.D
Acq: 22 Aug 2017 23:37

Tgt Ion:240 Resp: 806068
Ion Ratio Lower Upper
240 100
120 4.4 8.2 12.2#
236 27.6 20.0 30.0





#78

Terphenyl-d14

Concen: 69.724 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011341.D

Acq: 22 Aug 2017 23:37

Instrument :

BNA_M

ClientSampleId :

289-COMP

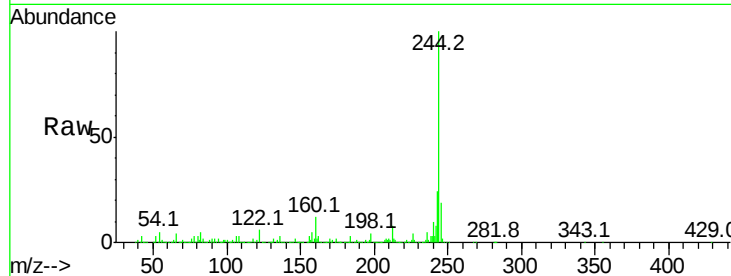
Tot Ion:244 Resp: 2837267

Ion Ratio Lower Upper

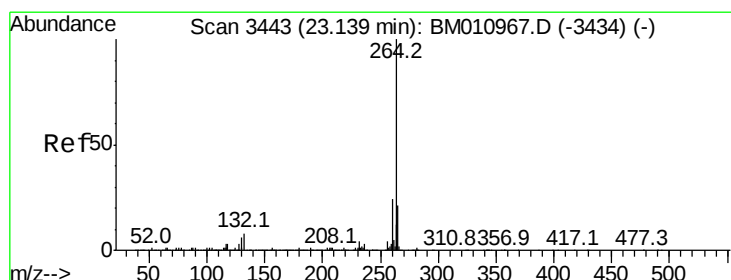
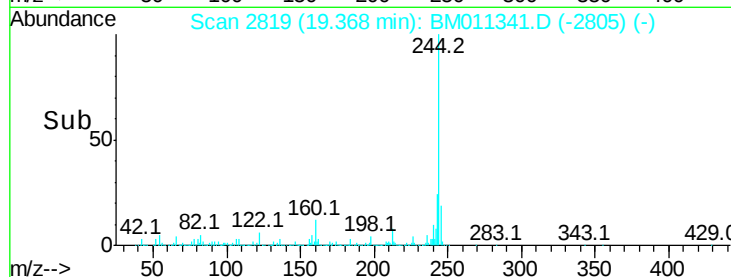
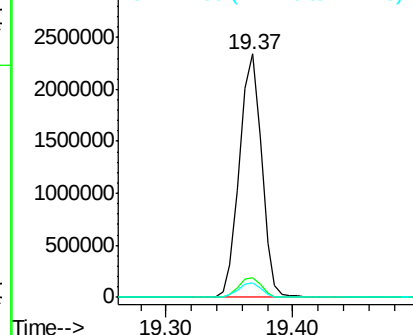
244 100

212 8.3 4.9 7.3#

122 6.2 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011341.D

Acq: 22 Aug 2017 23:37

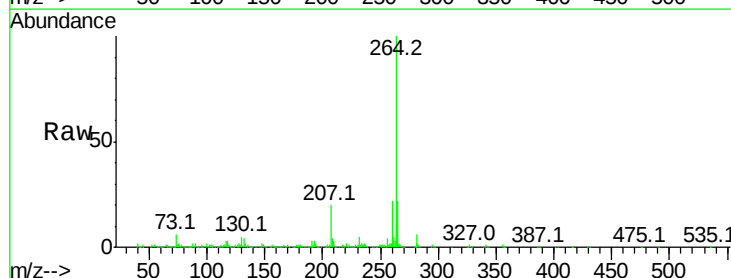
Tgt Ion:264 Resp: 806132

Ion Ratio Lower Upper

264 100

260 22.1 18.6 27.8

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

