

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011339.D
 Acq On : 22 Aug 2017 22:24
 Operator : SJ/JU
 Sample : I4908-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-082117-B

Quant Time: Aug 23 03:42:39 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	7.26	152	120005	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	396431	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	260276	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	683861	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	917467	20.00	ng	-0.02
86) Perylene-d12	23.00	264	908834	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	929760	130.97	ng	-0.02
7) Phenol-d6	6.47	99	1243936	123.33	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1339205	126.79	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	544761	130.59	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1997197	96.23	ng	-0.02
78) Terphenyl-d14	19.37	244	3787855	81.78	ng	-0.02

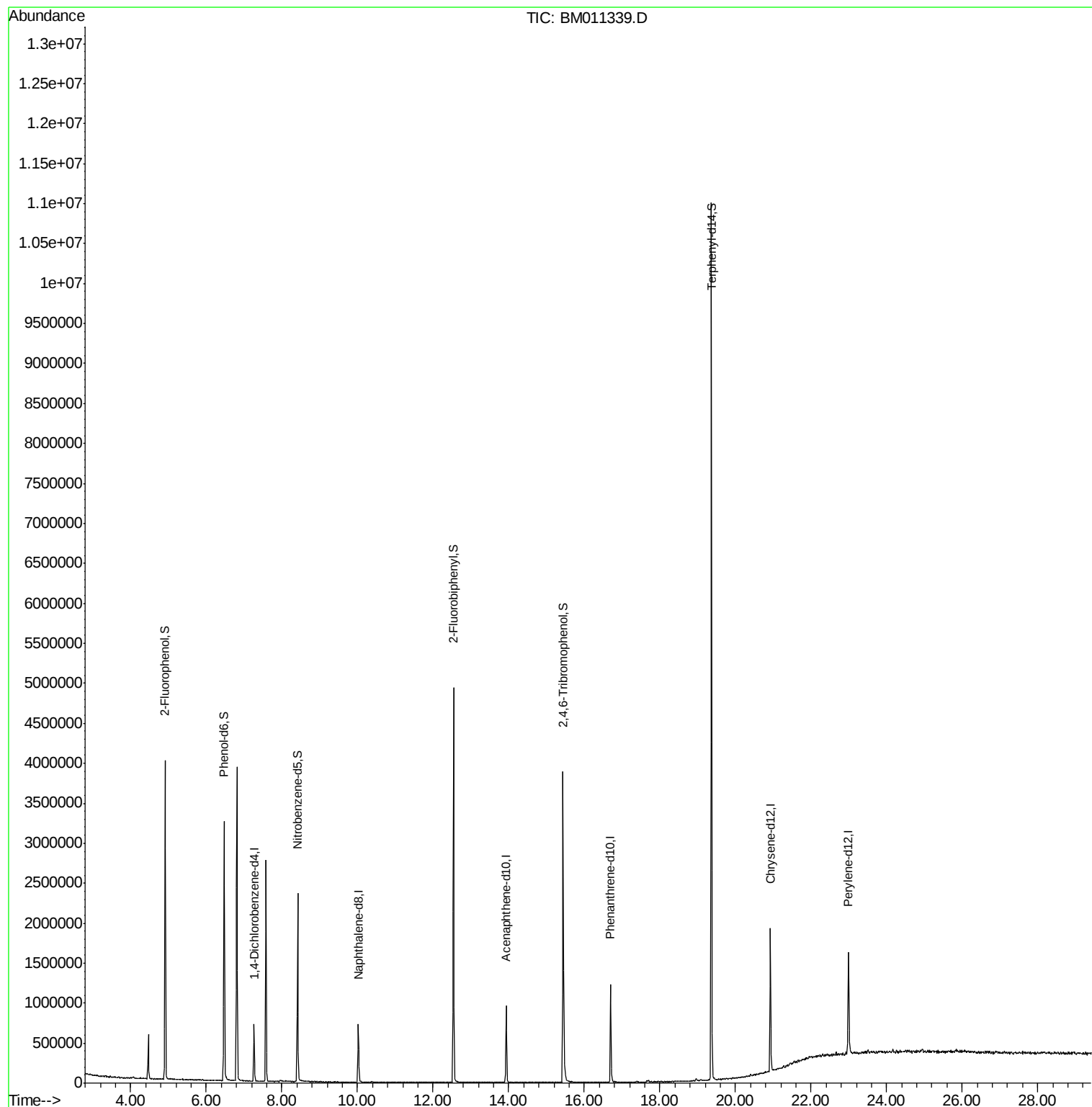
Target Compounds Qvalue

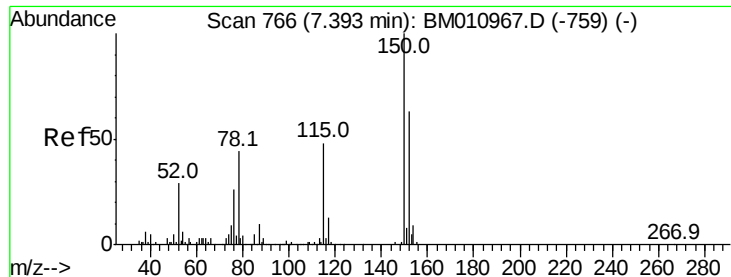
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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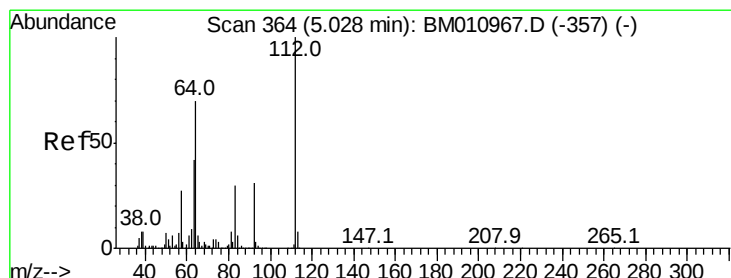
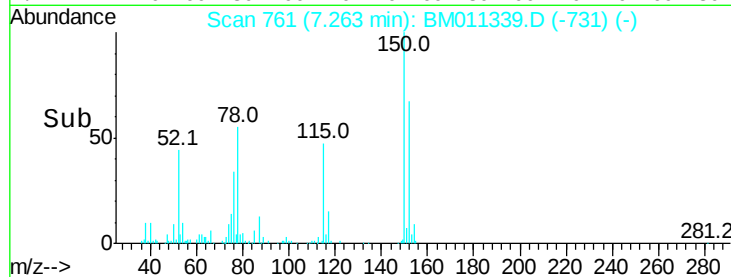
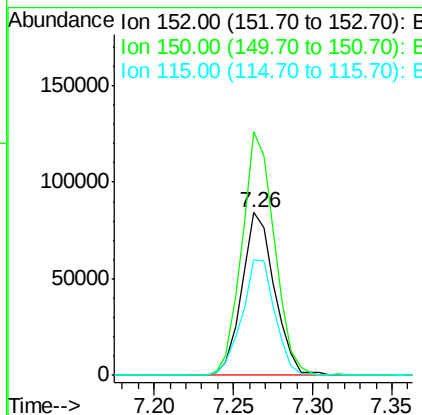
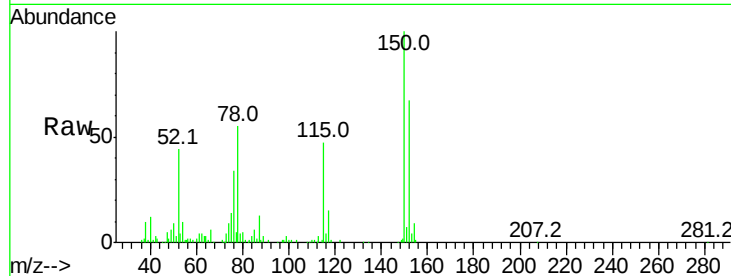


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011339.D
Acq: 22 Aug 2017 22:24

Instrument :
BNA_M
ClientSampleId :
TR-04-082117-B

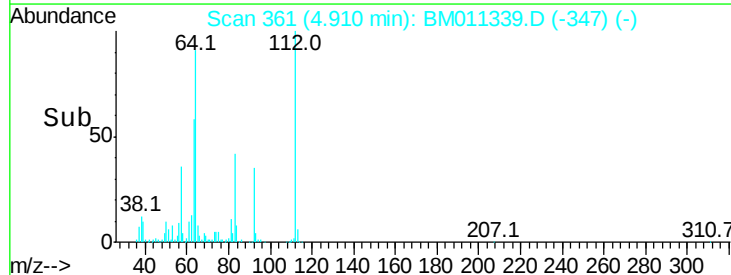
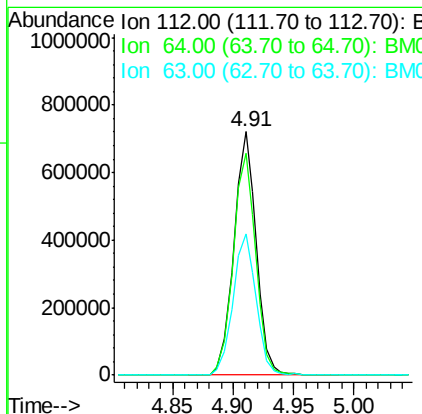
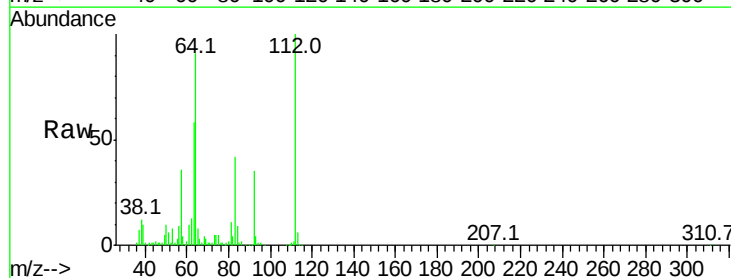
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	119.5	179.3
115	70.9	43.0	64.4#

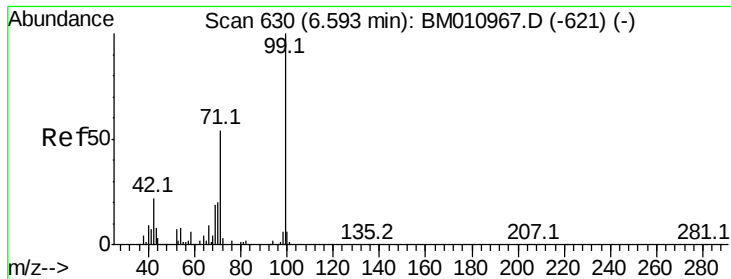


#5

2-Fluorophenol
Concen: 130.970 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011339.D
Acq: 22 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	91.3	38.6	57.8#
63	58.0	19.3	28.9#





#7

Phenol-d6

Concen: 123.328 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011339.D

Acq: 22 Aug 2017 22:24

Instrument :

BNA_M

ClientSampleId :

TR-04-082117-B

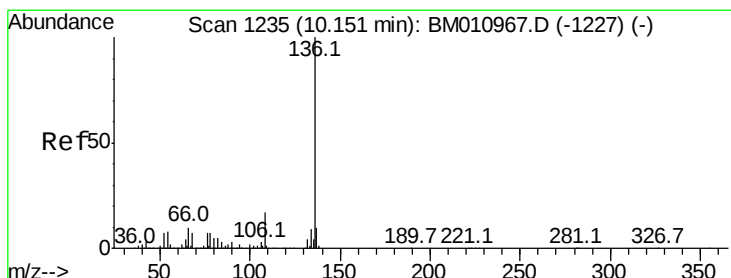
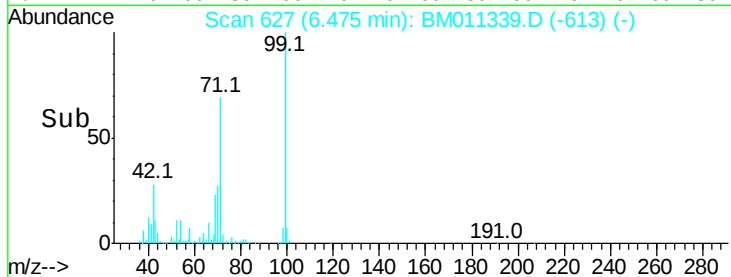
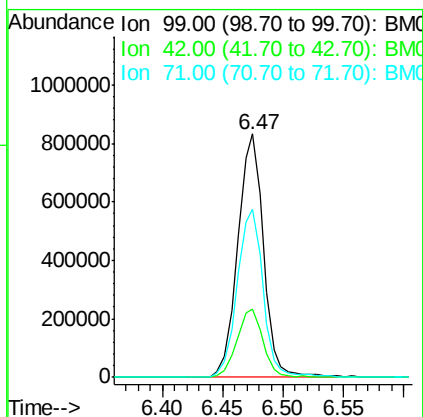
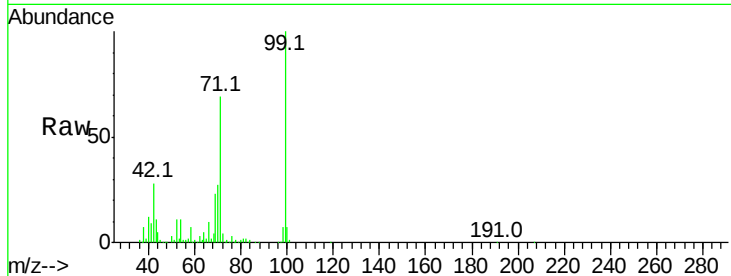
Tot Ion: 99 Resp: 1243936

Ion Ratio Lower Upper

99 100

42 28.1 11.0 16.4#

71 69.3 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: BM011339.D

Acq: 22 Aug 2017 22:24

Tgt Ion: 136 Resp: 396431

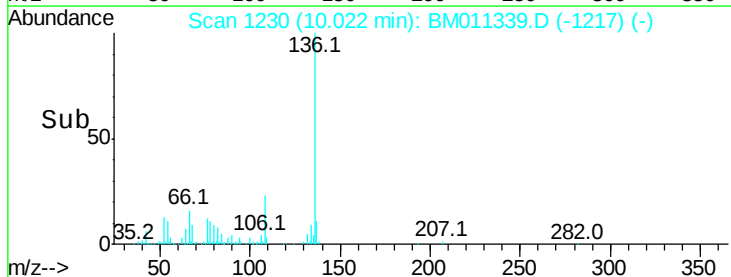
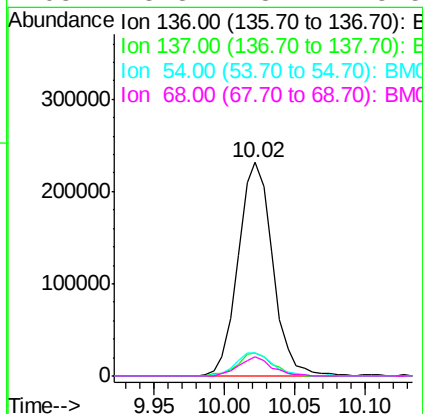
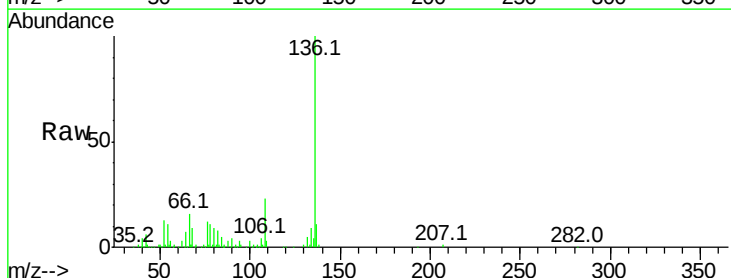
Ion Ratio Lower Upper

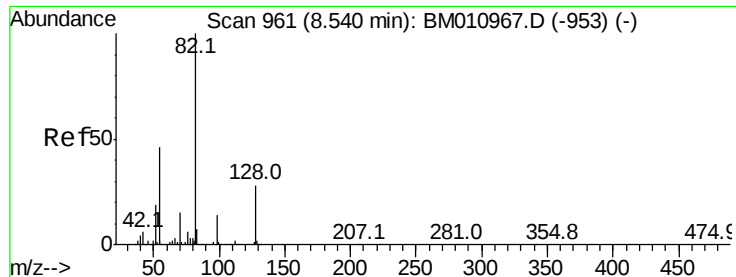
136 100

137 10.8 8.7 13.1

54 11.1 4.6 6.8#

68 8.8 3.7 5.5#

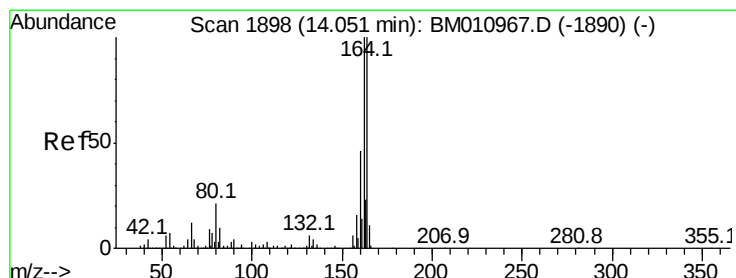
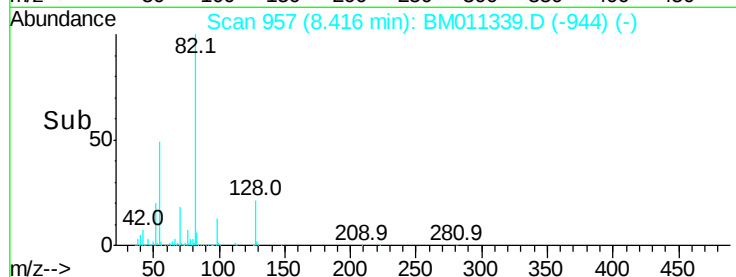
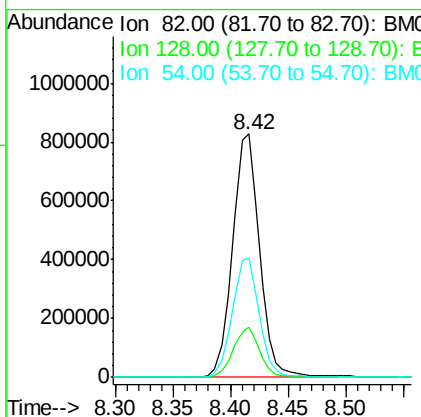
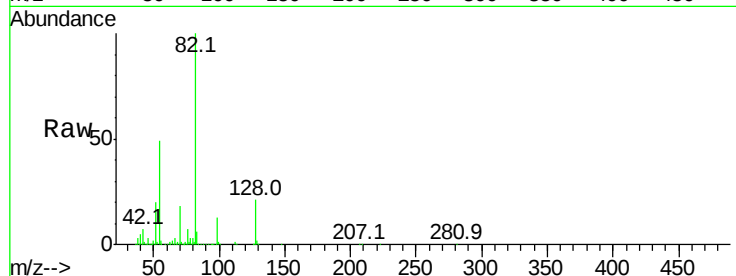




#23
 Nitrobenzene-d5
 Concen: 126.788 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011339.D
 Acq: 22 Aug 2017 22:24

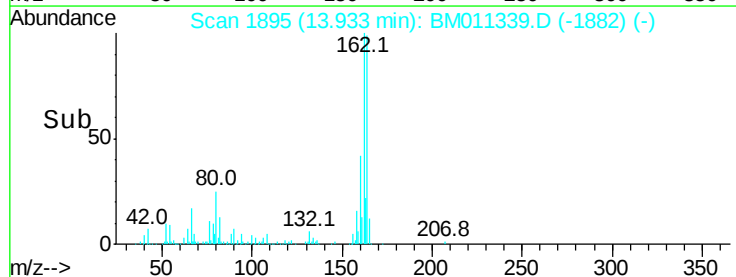
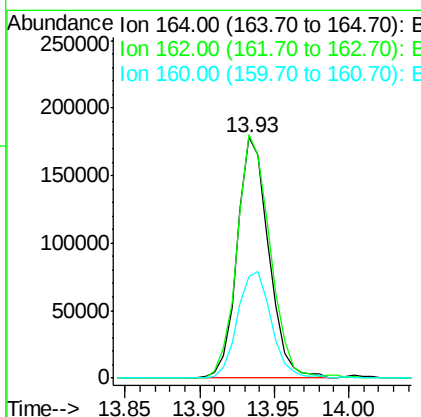
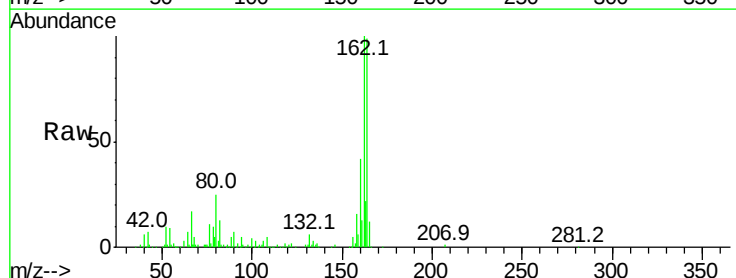
Instrument :
 BNA_M
 ClientSampleId :
 TR-04-082117-B

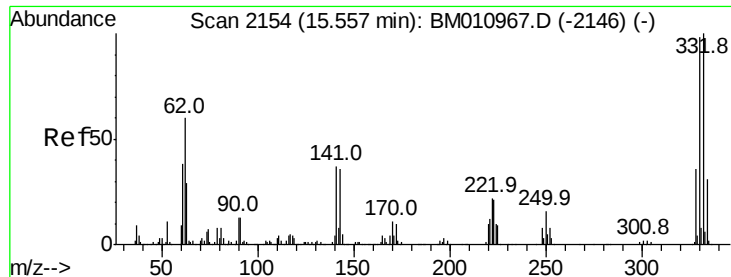
Tot Ion: 82 Resp: 1339205
 Ion Ratio Lower Upper
 82 100
 128 20.8 32.8 49.2#
 54 49.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011339.D
 Acq: 22 Aug 2017 22:24

Tgt Ion:164 Resp: 260276
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.4 123.6
 160 42.2 35.8 53.6

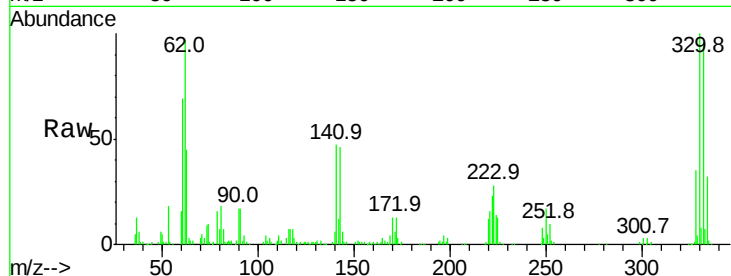




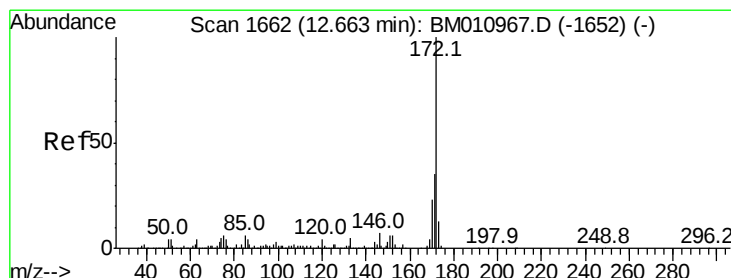
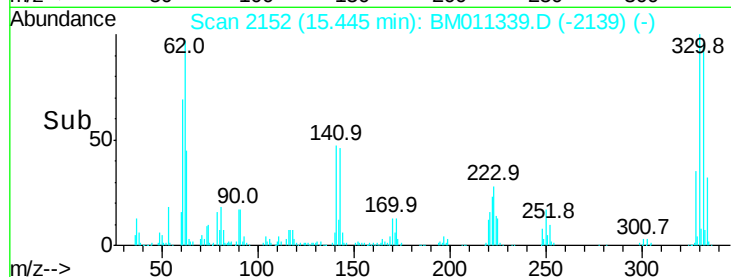
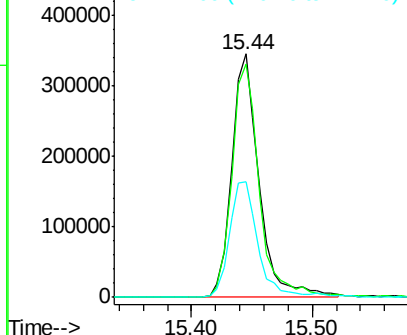
#41
 2,4,6-Tribromophenol
 Concen: 130.586 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011339.D
 Acq: 22 Aug 2017 22:24

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-082117-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	49.5	0.0	0.0#

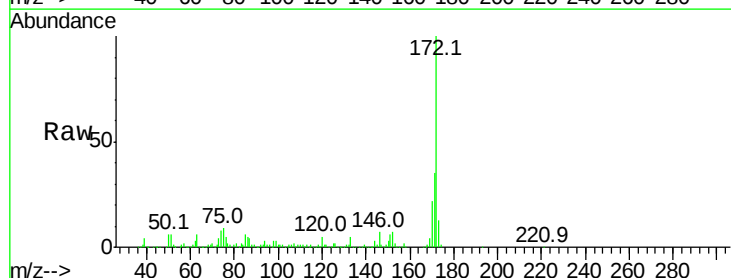


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

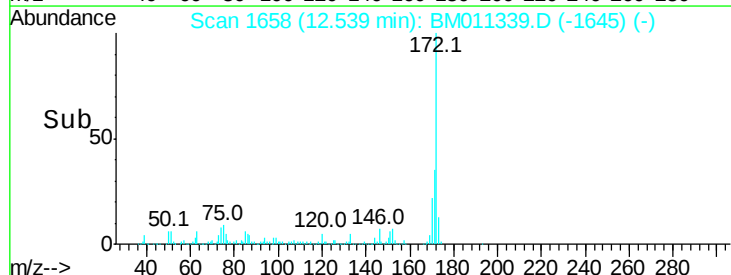
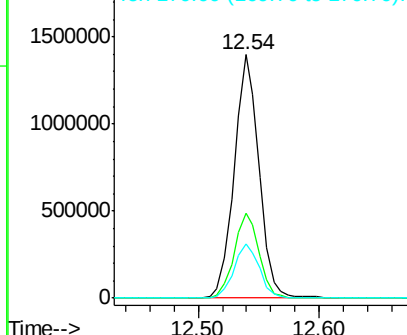


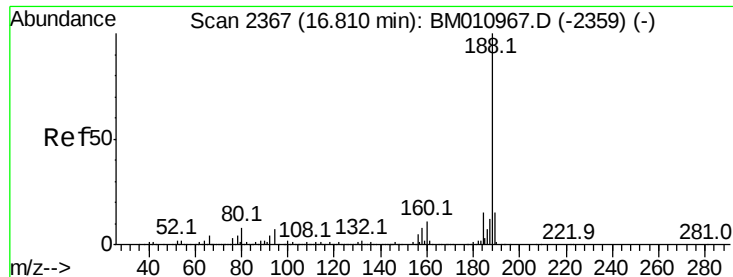
#44
 2-Fluorobiphenyl
 Concen: 96.235 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011339.D
 Acq: 22 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.4	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

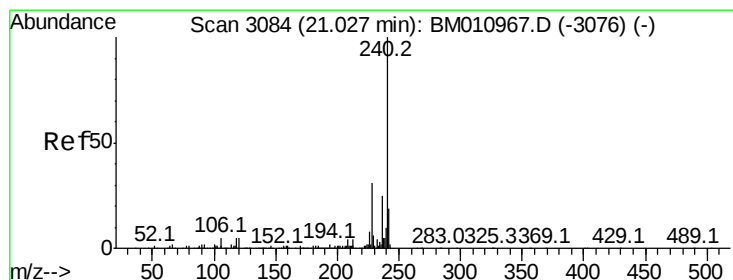
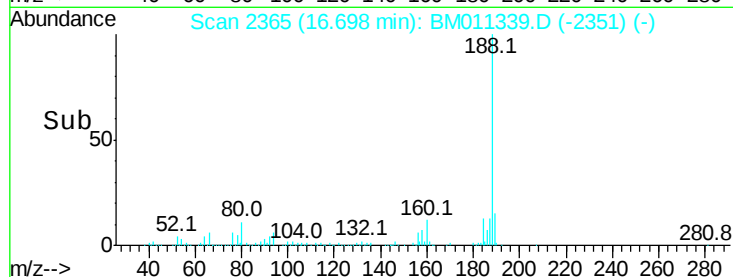
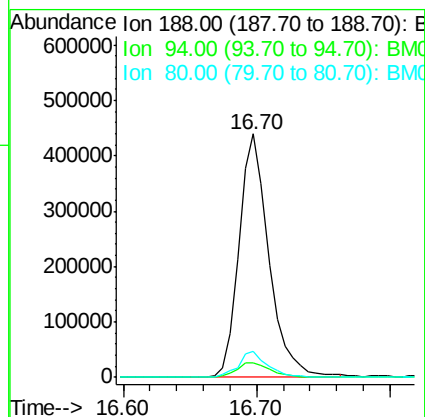
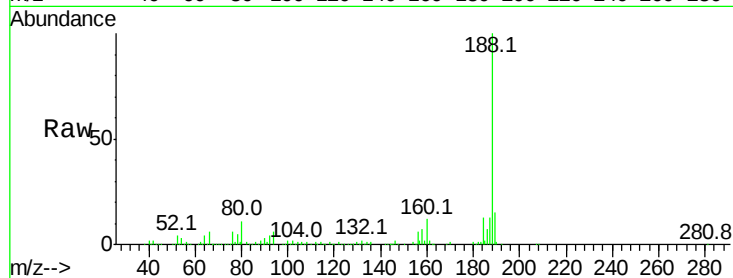




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011339.D
Acq: 22 Aug 2017 22:24

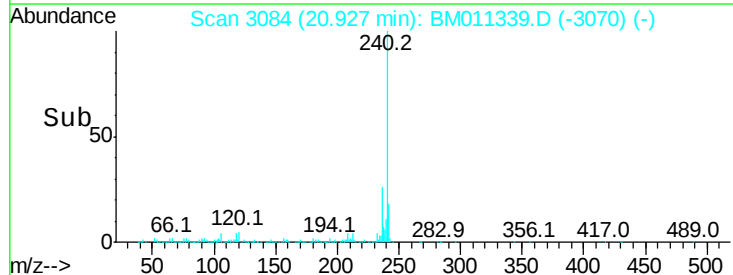
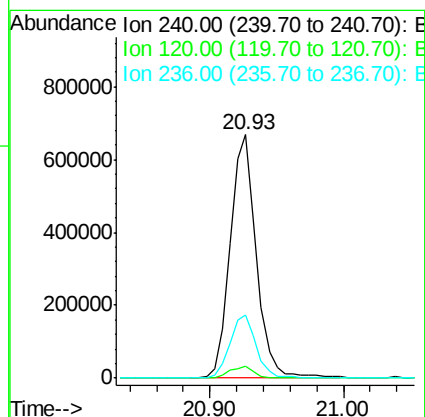
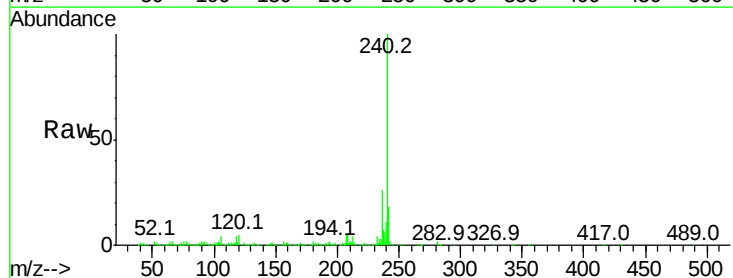
Instrument :
BNA_M
ClientSampleId :
TR-04-082117-B

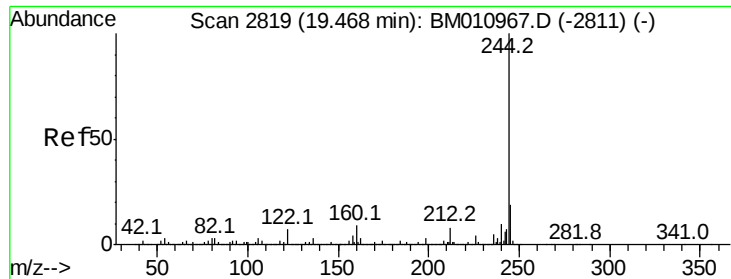
Tot Ion:188 Resp: 683861
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 10.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011339.D
Acq: 22 Aug 2017 22:24

Tgt Ion:240 Resp: 917467
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 81.782 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011339.D

Acq: 22 Aug 2017 22:24

Instrument :

BNA_M

ClientSampleId :

TR-04-082117-B

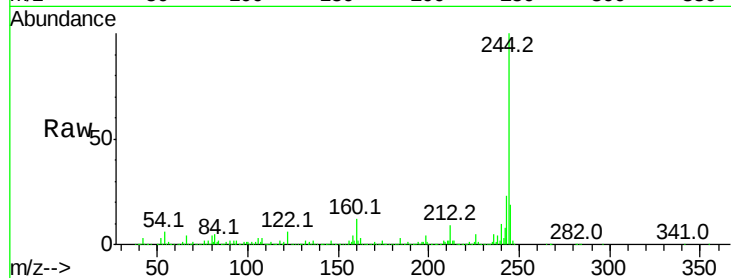
Tot Ion:244 Resp: 3787855

Ion Ratio Lower Upper

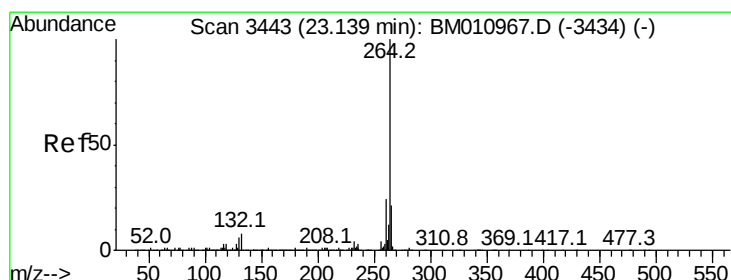
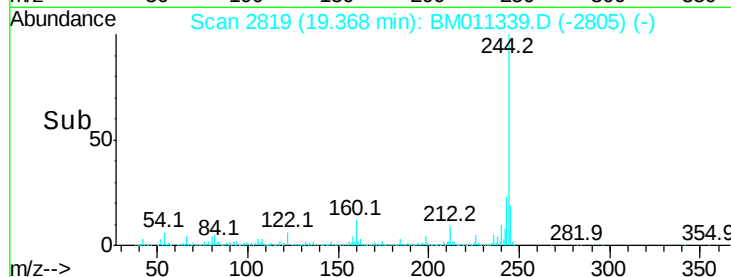
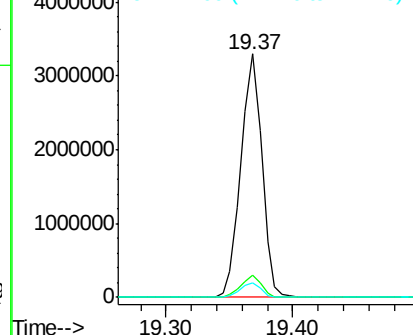
244 100

212 9.2 4.9 7.3#

122 6.0 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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011339.D

Acq: 22 Aug 2017 22:24

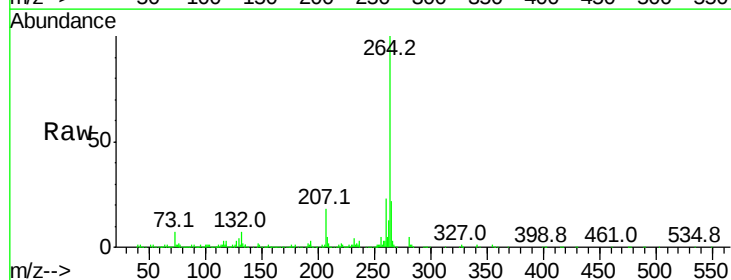
Tgt Ion:264 Resp: 908834

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 22.4 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

