

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081417\
 Data File : BM011232.D
 Acq On : 14 Aug 2017 16:25
 Operator : SJ/JU
 Sample : I4683-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 15 06:11:30 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	7.29	152	130335	20.00	ng	-0.11
21) Naphthalene-d8	10.05	136	432589	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	271048	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	684283	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	771474	20.00	ng	-0.08
86) Perylene-d12	23.02	264	338050	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1038451	134.69	ng	-0.09
7) Phenol-d6	6.50	99	1321145	120.60	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1412444	122.54	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	587523	135.24	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2268986	104.99	ng	-0.09
78) Terphenyl-d14	19.39	244	3538763	90.86	ng	-0.08

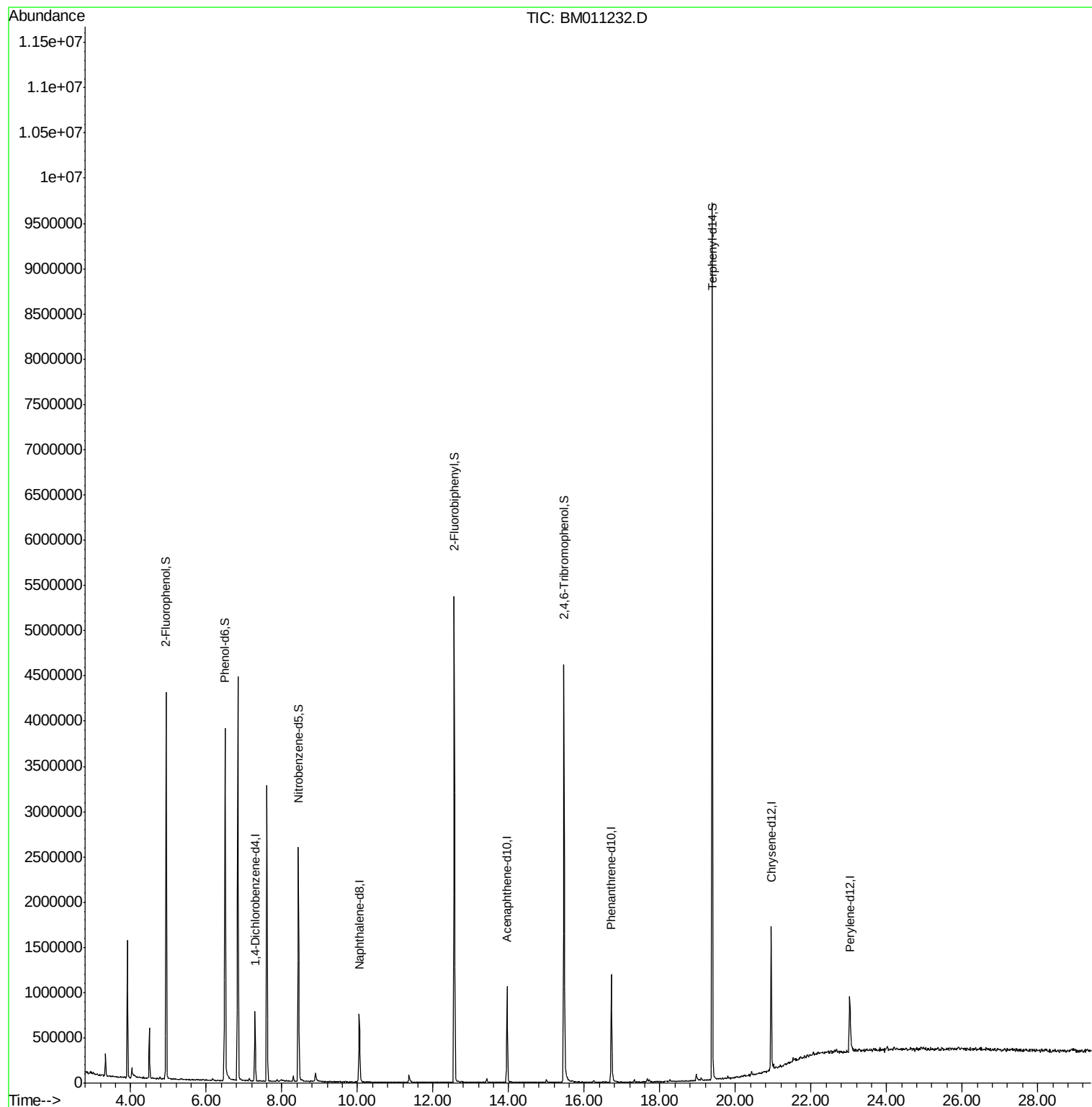
Target Compounds Qvalue

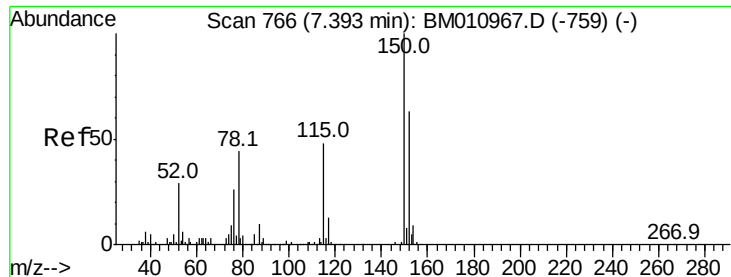
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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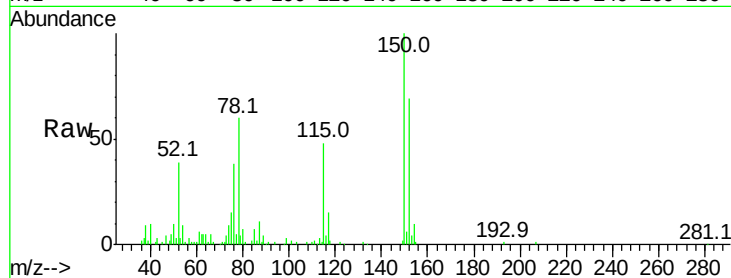


#1

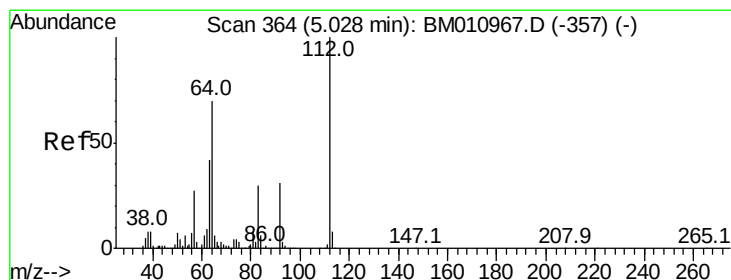
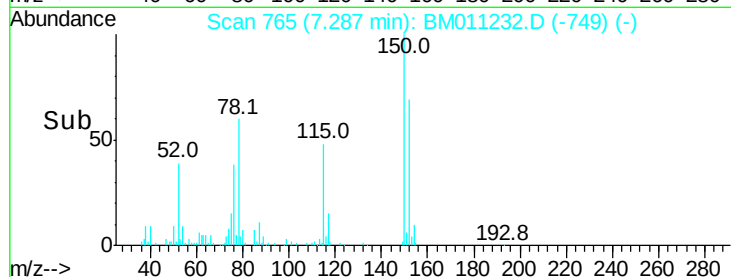
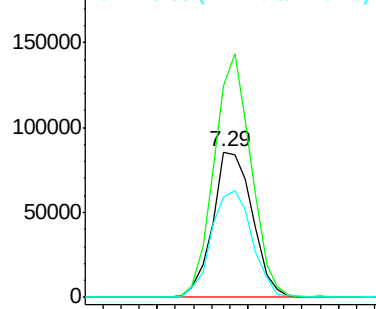
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. -0.11 min
Lab File: BM011232.D
Acq: 14 Aug 2017 16:25

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.5	179.3
115	69.3	43.0	64.4#



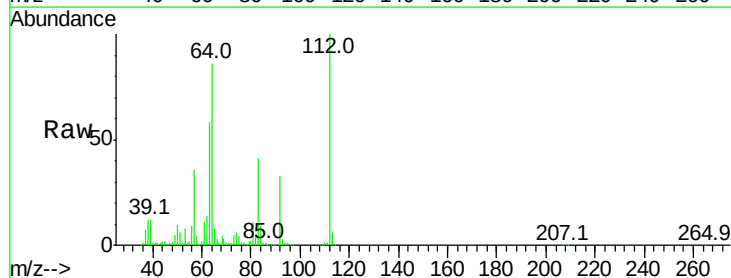
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



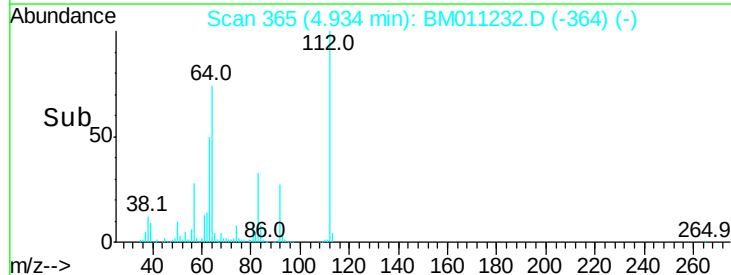
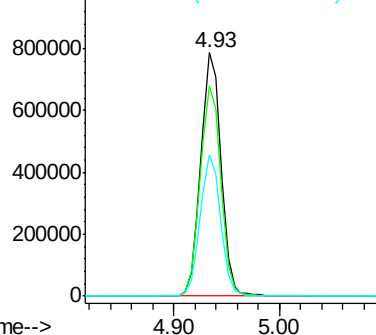
#5

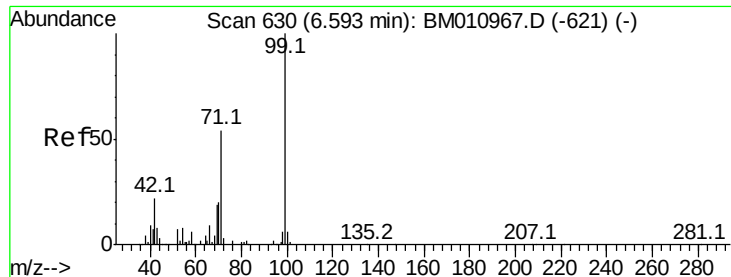
2-Fluorophenol
Concen: 134.687 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011232.D
Acq: 14 Aug 2017 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	86.3	38.6	57.8#
63	58.1	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: 120.601 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011232.D

Acq: 14 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

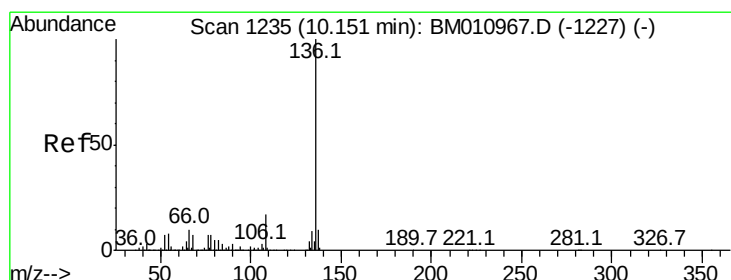
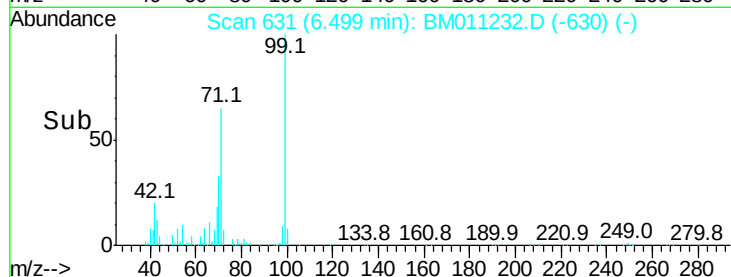
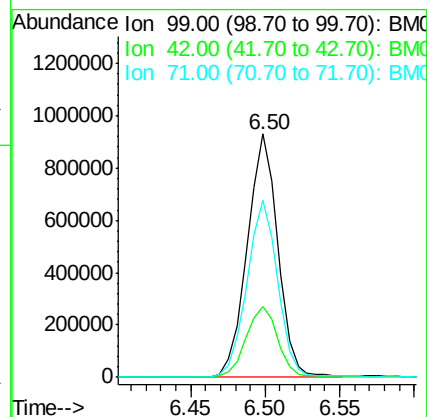
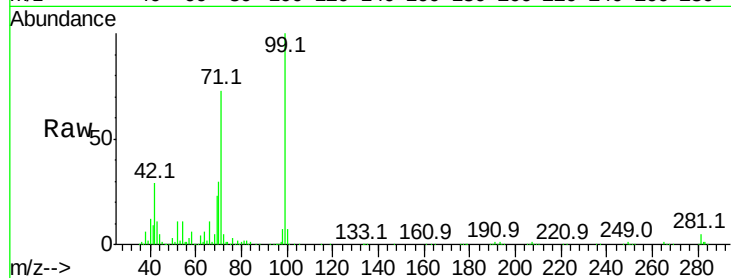
Tot Ion: 99 Resp: 1321145

Ion Ratio Lower Upper

99 100

42 29.1 11.0 16.4#

71 72.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. -0.11 min

Lab File: BM011232.D

Acq: 14 Aug 2017 16:25

Tgt Ion: 136 Resp: 432589

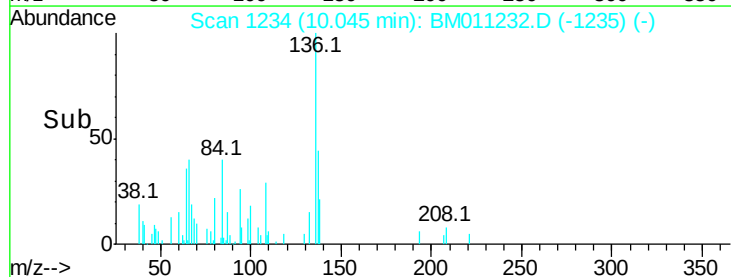
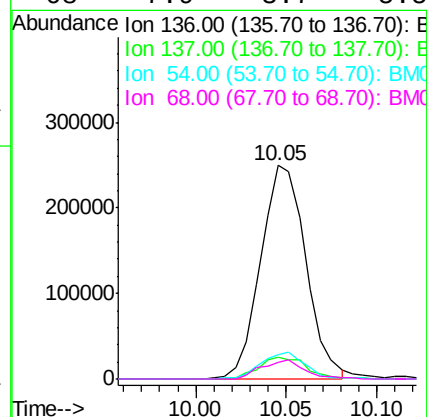
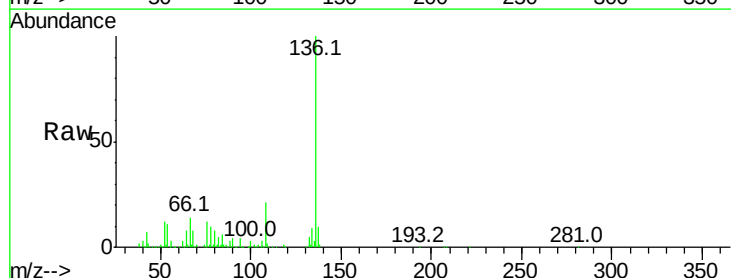
Ion Ratio Lower Upper

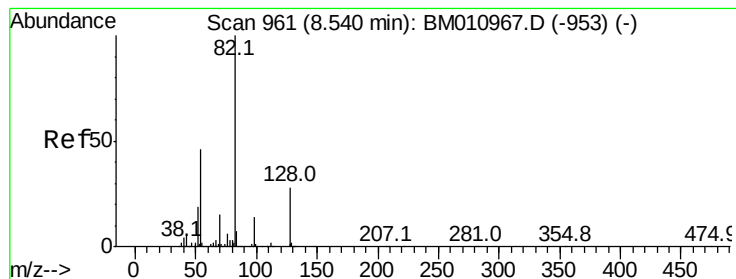
136 100

137 10.3 8.7 13.1

54 11.2 4.6 6.8#

68 7.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 122.544 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011232.D

Acq: 14 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

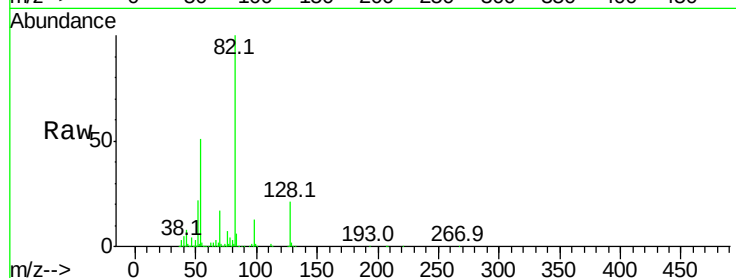
Tot Ion: 82 Resp: 1412444

Ion Ratio Lower Upper

82 100

128 20.7 32.8 49.2#

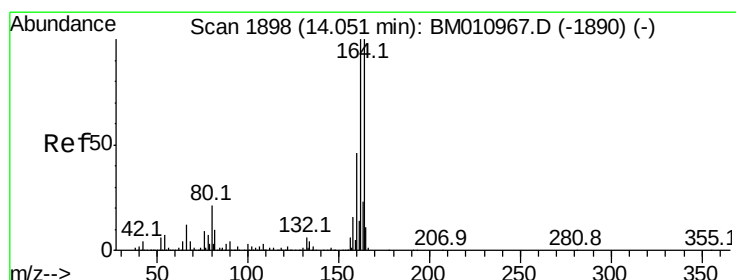
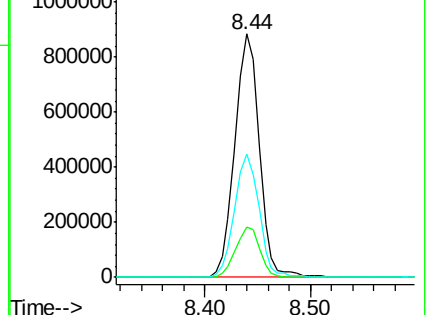
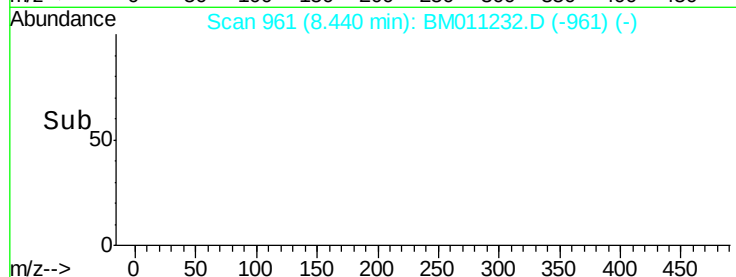
54 50.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011232.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011232.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011232.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011232.D

Acq: 14 Aug 2017 16:25

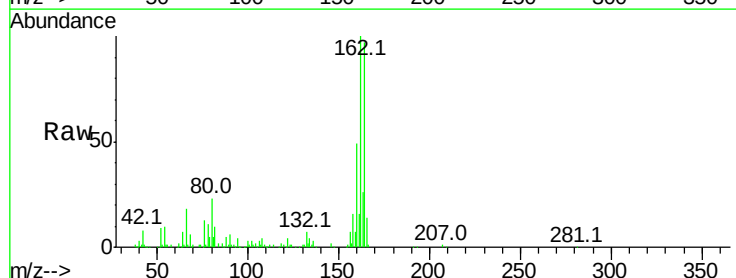
Tgt Ion:164 Resp: 271048

Ion Ratio Lower Upper

164 100

162 103.5 82.4 123.6

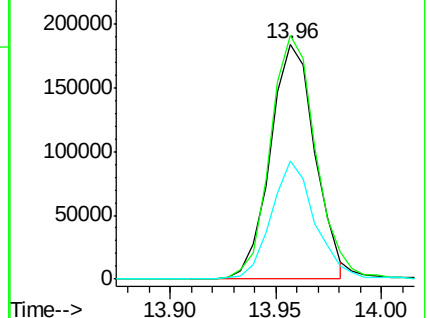
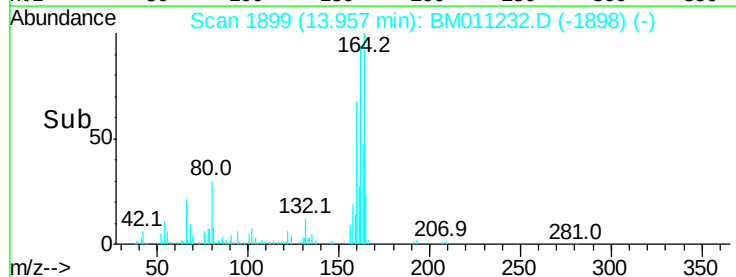
160 50.2 35.8 53.6

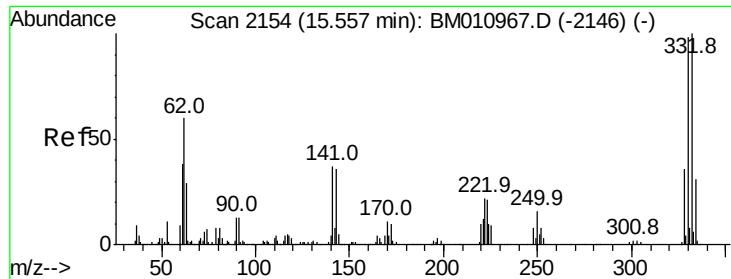


Abundance Ion 164.00 (163.70 to 164.70): BM011232.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011232.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011232.D (-1898) (-)

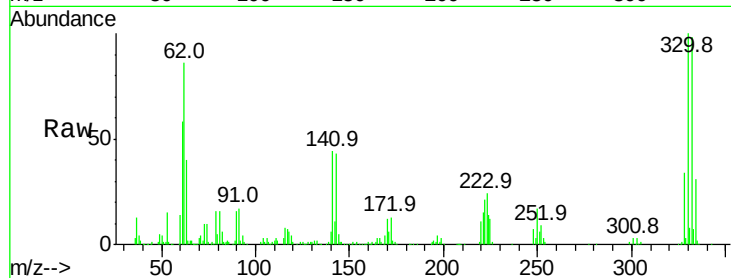




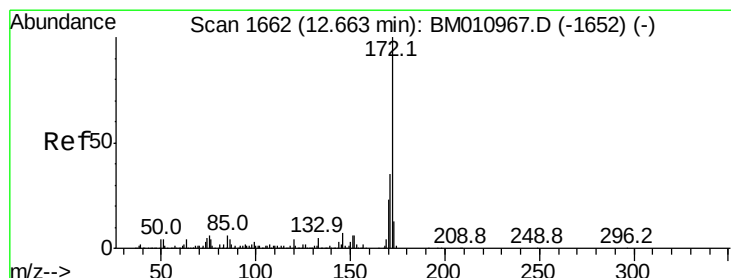
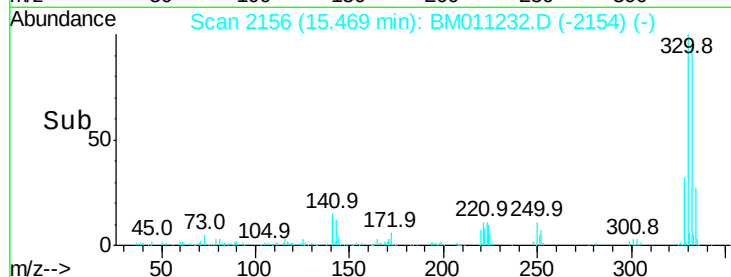
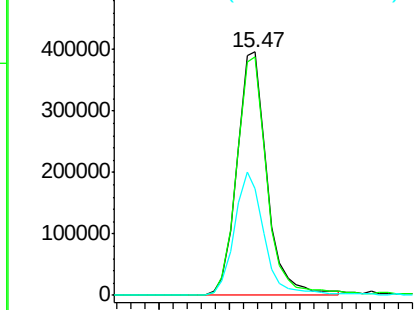
#41
 2,4,6-Tribromophenol
 Concen: 135.239 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011232.D
 Acq: 14 Aug 2017 16:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 587523
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 50.0 0.0 0.0#

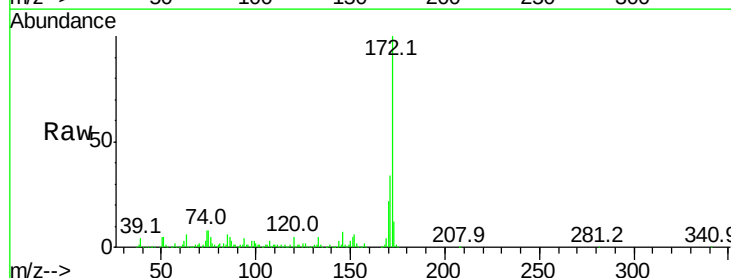


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

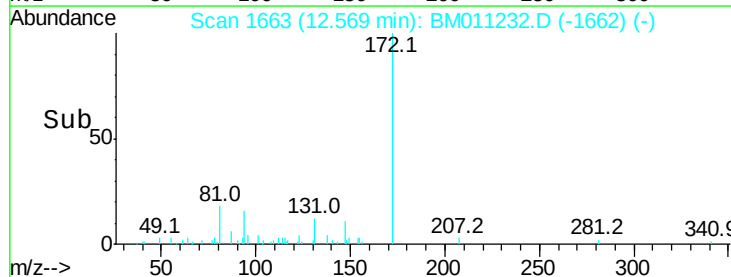
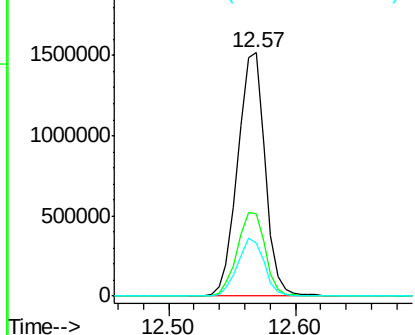


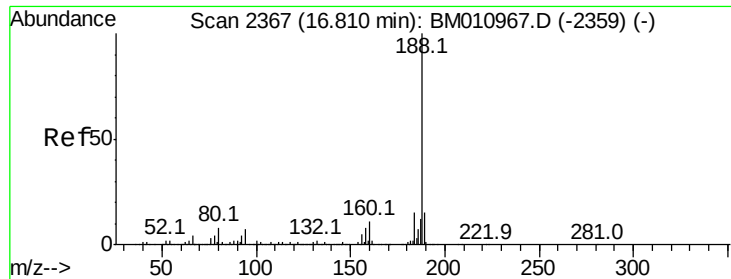
#44
 2-Fluorobiphenyl
 Concen: 104.986 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011232.D
 Acq: 14 Aug 2017 16:25

Tgt Ion:172 Resp: 2268986
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.5 42.7
 170 22.0 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

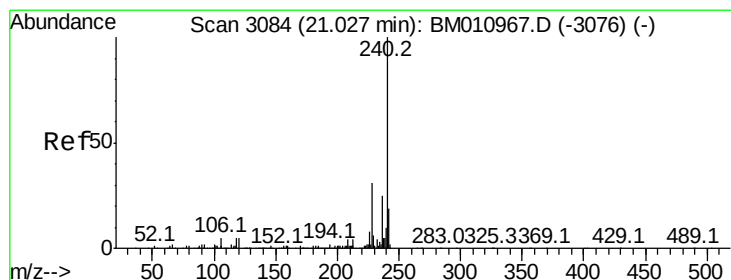
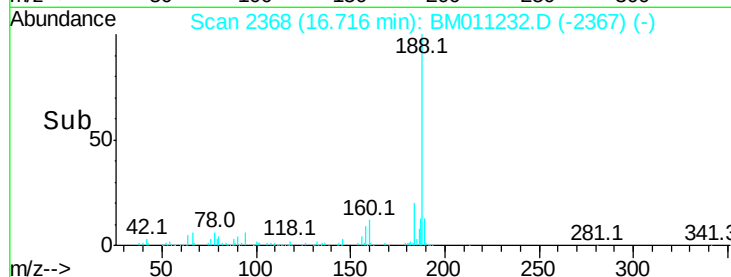
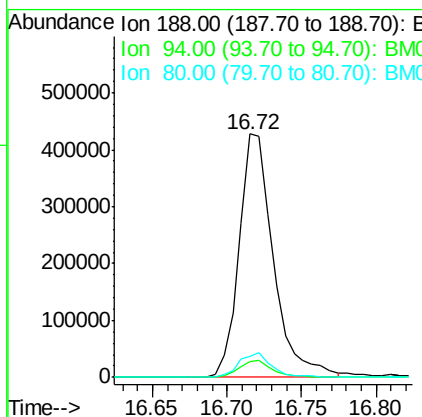
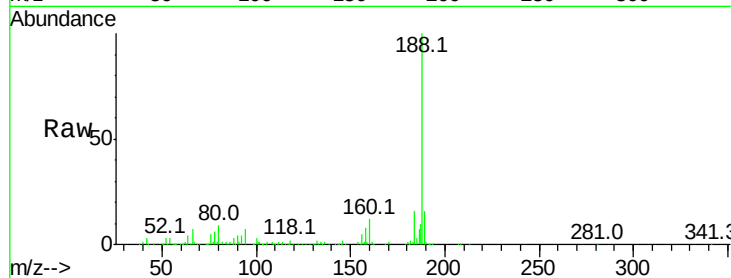




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. -0.09 min
Lab File: BM011232.D
Acq: 14 Aug 2017 16:25

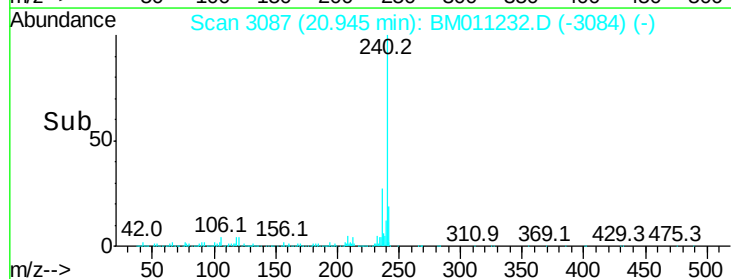
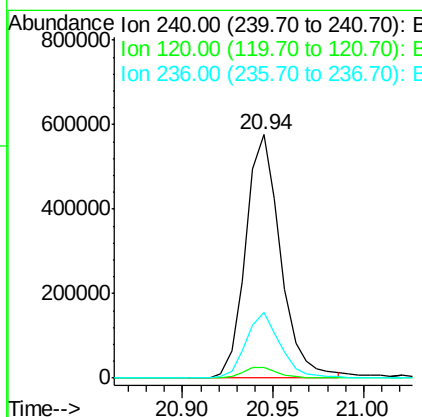
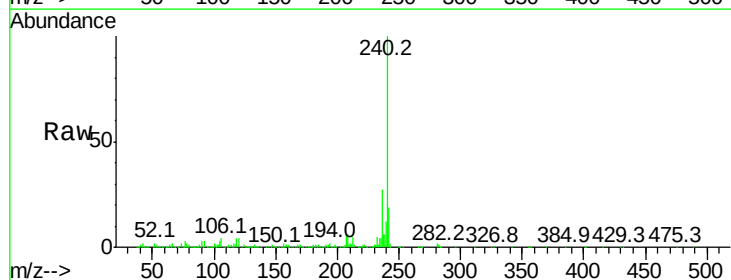
Instrument :
BNA_M
ClientSampled :

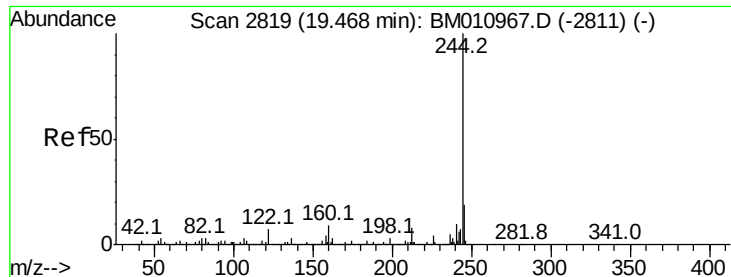
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.8	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011232.D
Acq: 14 Aug 2017 16:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	26.8	20.0	30.0





#78

Terphenyl-d14

Concen: 90.863 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011232.D

Acq: 14 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

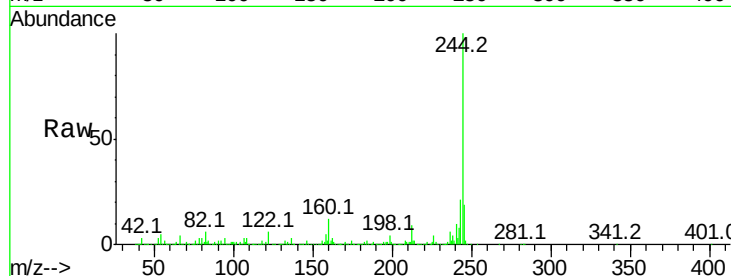
Tot Ion:244 Resp: 3538763

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

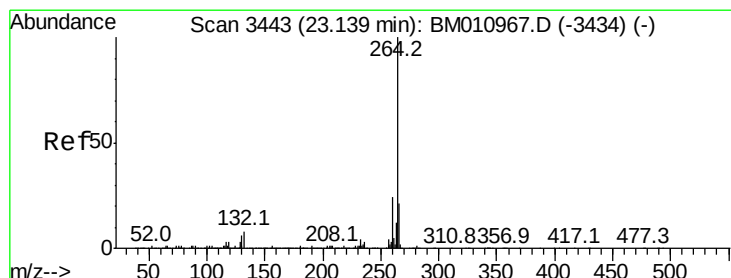
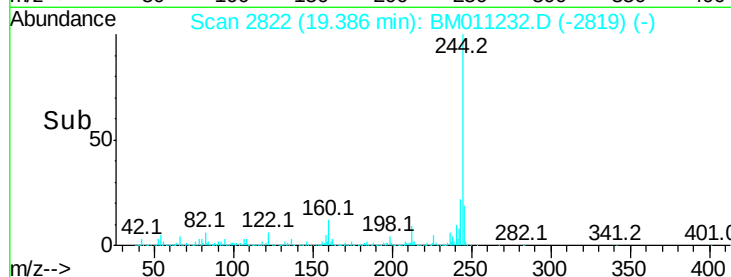
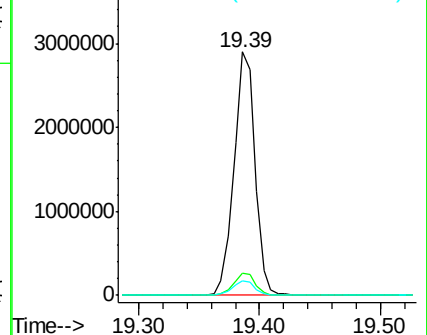
122 6.2 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011232.D

Acq: 14 Aug 2017 16:25

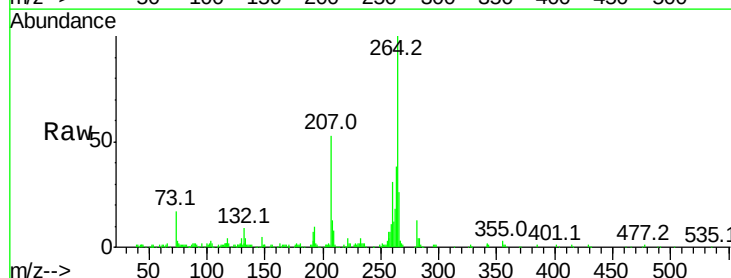
Tgt Ion:264 Resp: 338050

Ion Ratio Lower Upper

264 100

260 31.3 18.6 27.8#

265 25.5 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

