

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
 Data File : BM011201.D
 Acq On : 11 Aug 2017 15:04
 Operator : SJ/JU
 Sample : I4666-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014

Quant Time: Aug 11 16:32:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 16:03:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	165121	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	591555	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	382680	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	859046	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1080136	20.00	ng	0.00
86) Perylene-d12	23.02	264	1026957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1317463	134.88	ng	0.00
7) Phenol-d6	6.50	99	1725538	124.33	ng	0.00
23) Nitrobenzene-d5	8.44	82	1801206	114.28	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	793870	129.43	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	3095648	101.45	ng	0.00
78) Terphenyl-d14	19.39	244	4720839	86.58	ng	0.00

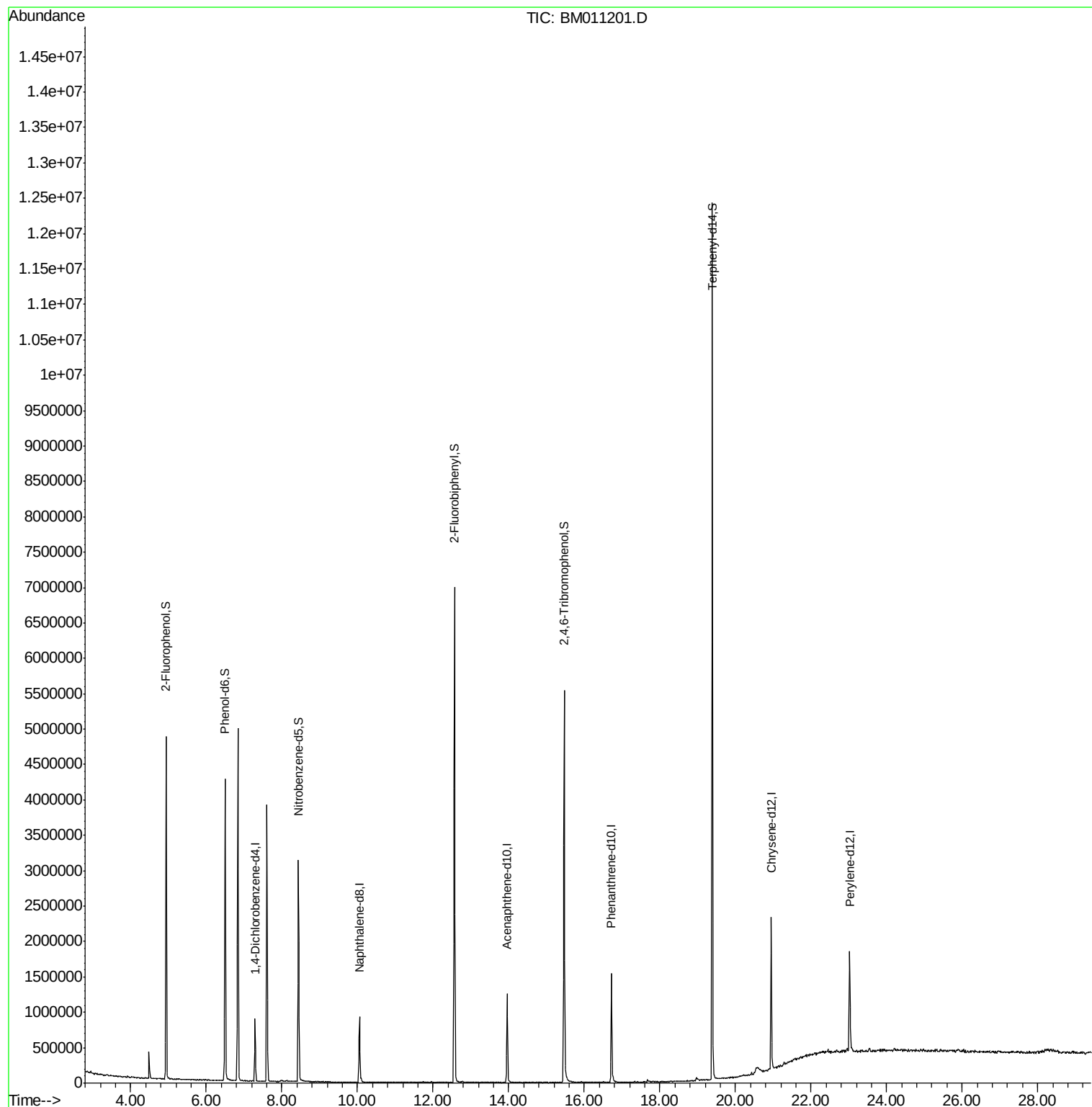
Target Compounds Qvalue

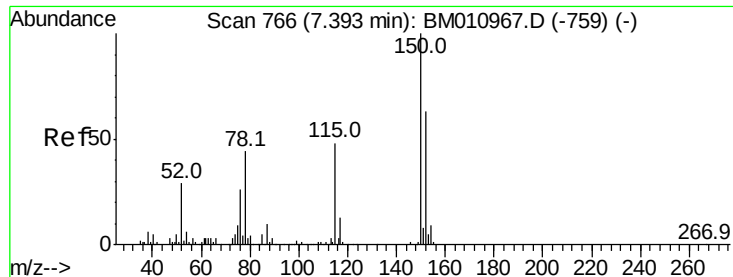
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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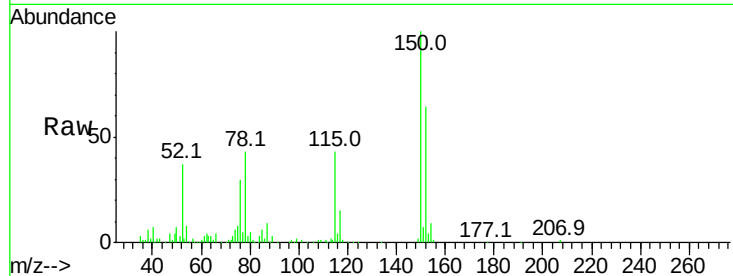


#1

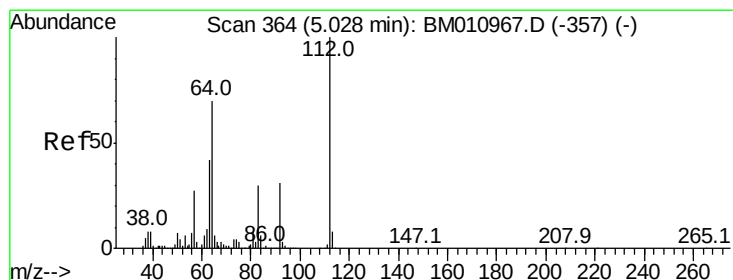
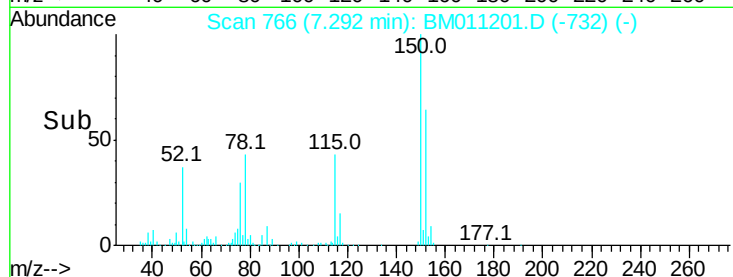
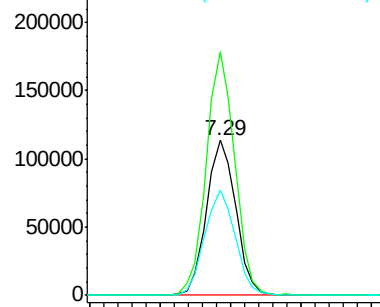
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.00 min
Lab File: BM011201.D
Acq: 11 Aug 2017 15:04

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014

Tot Ion:152 Resp: 165121
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 67.8 43.0 64.4#



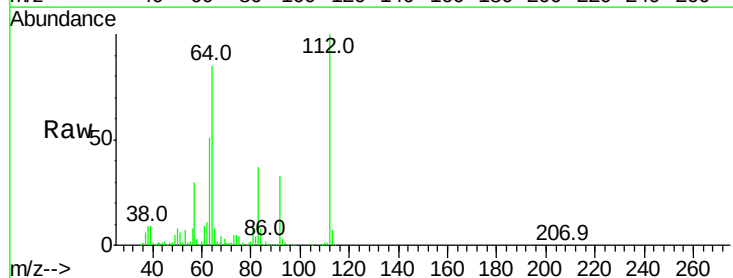
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



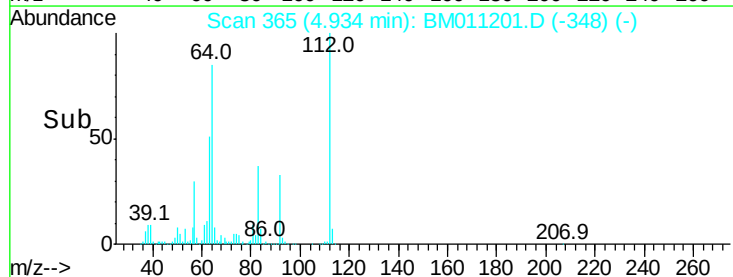
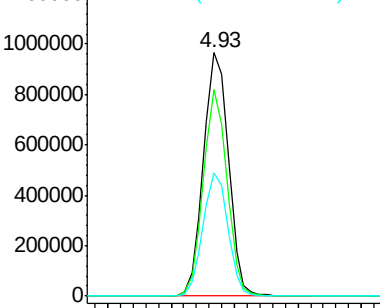
#5

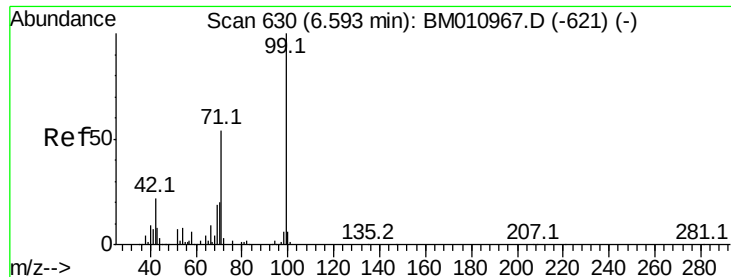
2-Fluorophenol
Concen: 134.876 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.00 min
Lab File: BM011201.D
Acq: 11 Aug 2017 15:04

Tgt Ion:112 Resp: 1317463
Ion Ratio Lower Upper
112 100
64 84.9 38.6 57.8#
63 50.7 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: 124.332 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM011201.D

Acq: 11 Aug 2017 15:04

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014

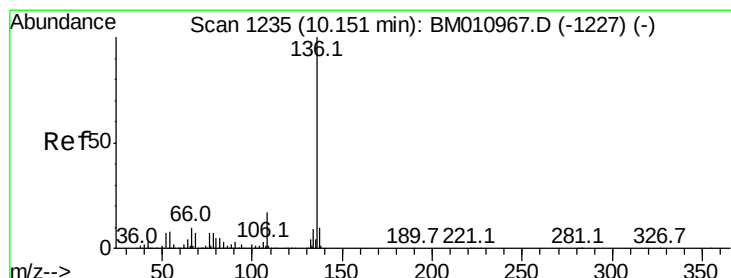
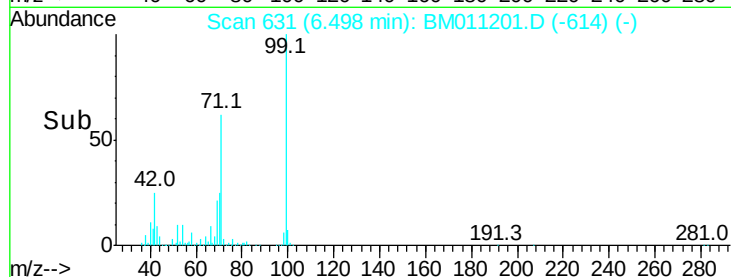
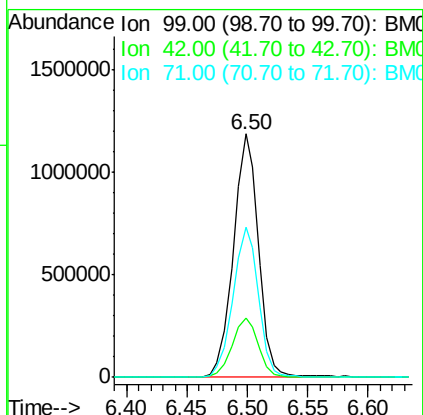
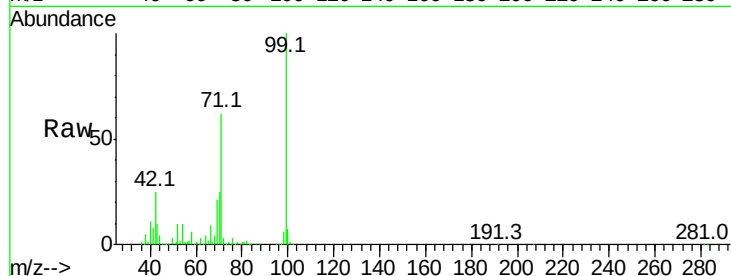
Tot Ion: 99 Resp: 172538

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

71 61.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM011201.D

Acq: 11 Aug 2017 15:04

Tgt Ion: 136 Resp: 591555

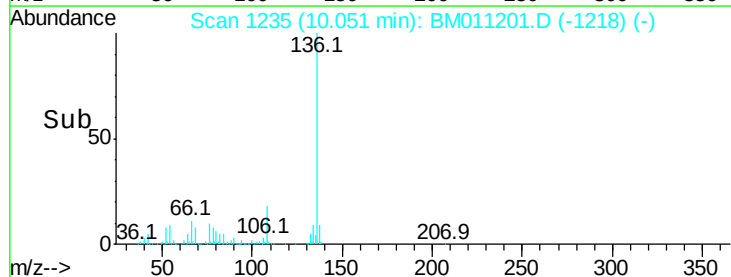
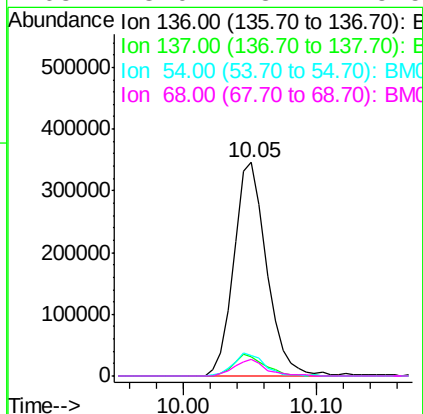
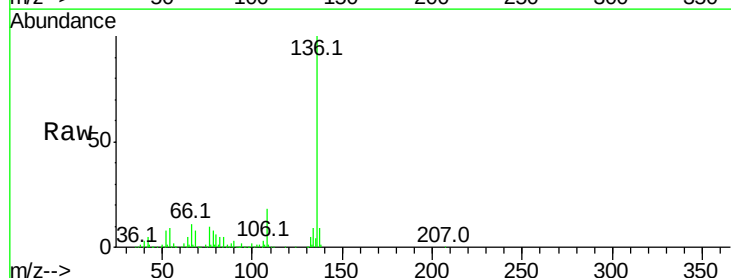
Ion Ratio Lower Upper

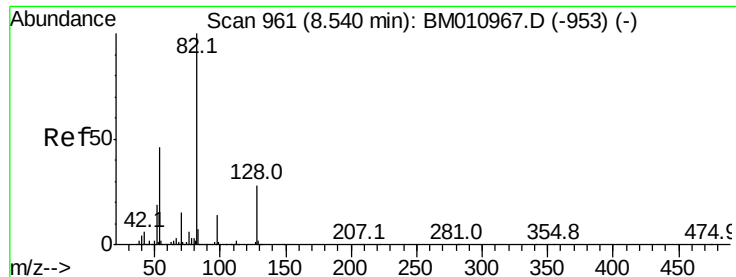
136 100

137 9.3 8.7 13.1

54 9.5 4.6 6.8#

68 8.0 3.7 5.5#

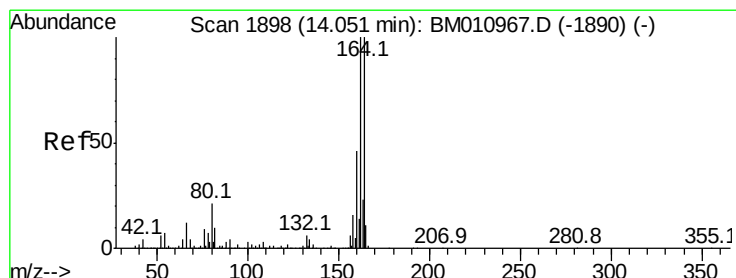
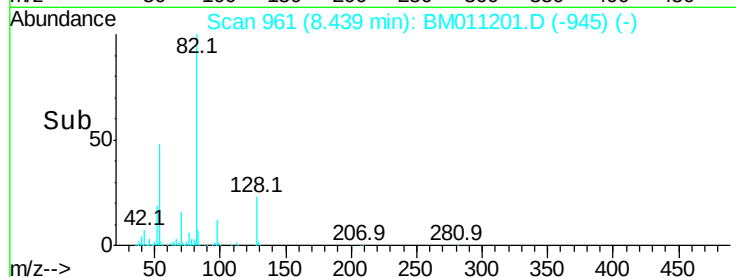
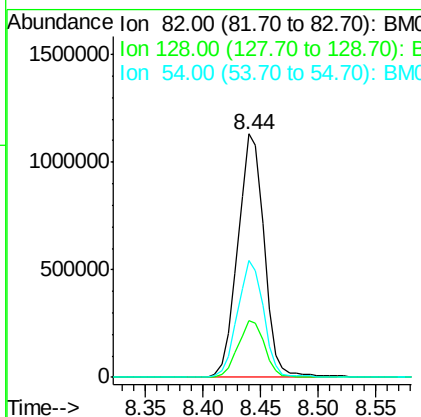
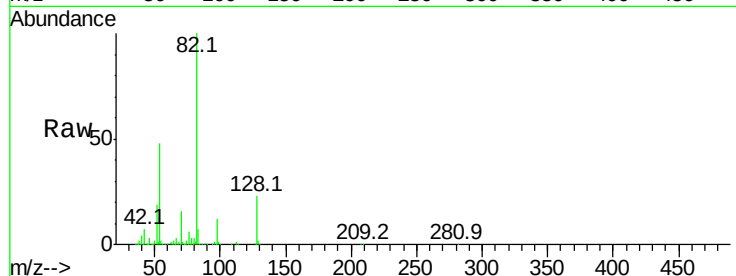




#23
 Nitrobenzene-d5
 Concen: 114.279 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BM011201.D
 Acq: 11 Aug 2017 15:04

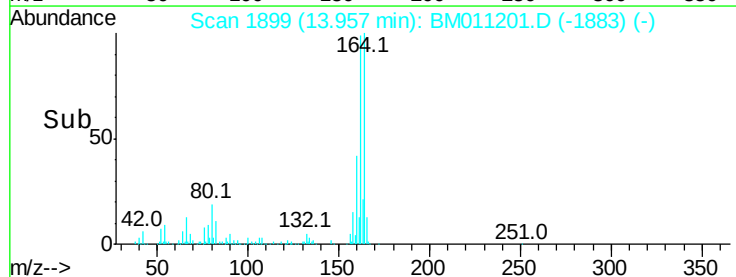
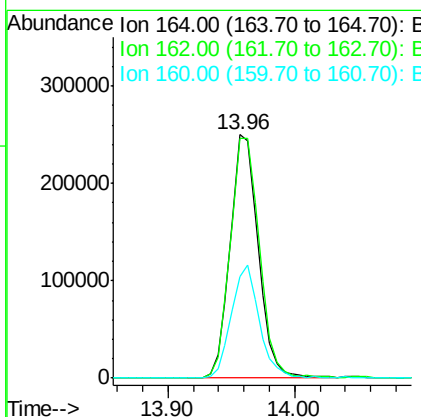
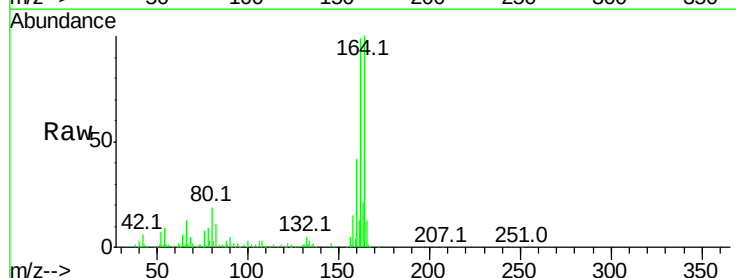
Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014

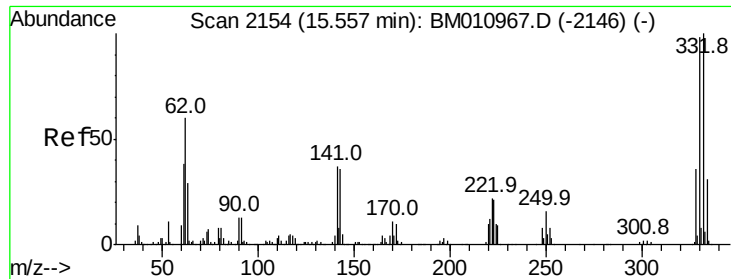
Tot Ion	Ratio	Lower	Upper
82	100		
128	23.4	32.8	49.2#
54	48.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BM011201.D
 Acq: 11 Aug 2017 15:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.4	123.6
160	41.9	35.8	53.6

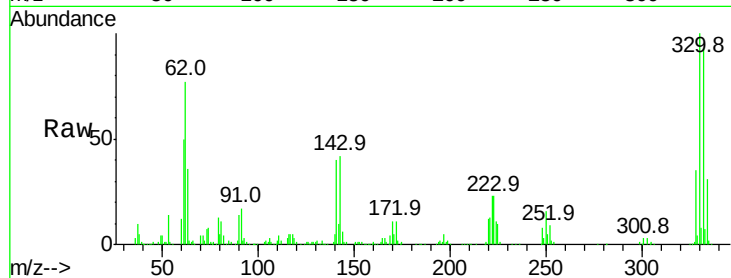




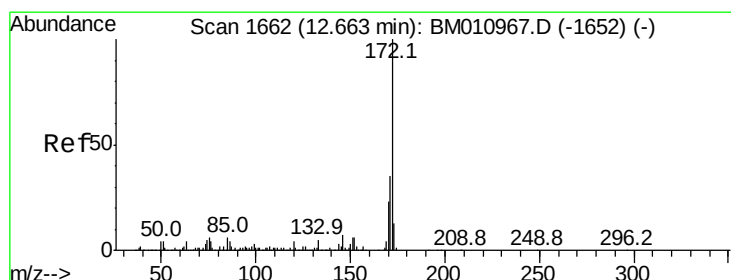
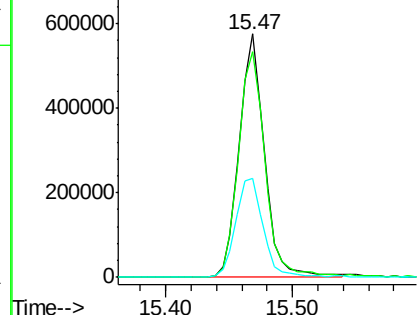
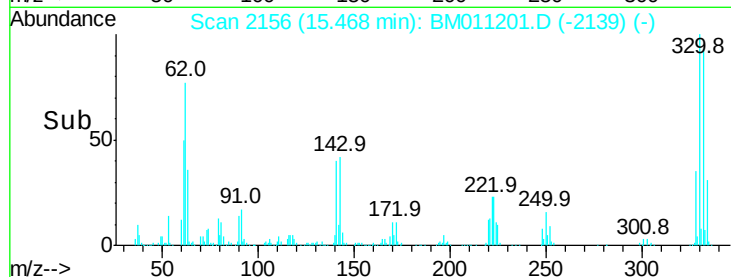
#41
 2,4,6-Tribromophenol
 Concen: 129.431 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011201.D
 Acq: 11 Aug 2017 15:04

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	44.2	0.0	0.0#

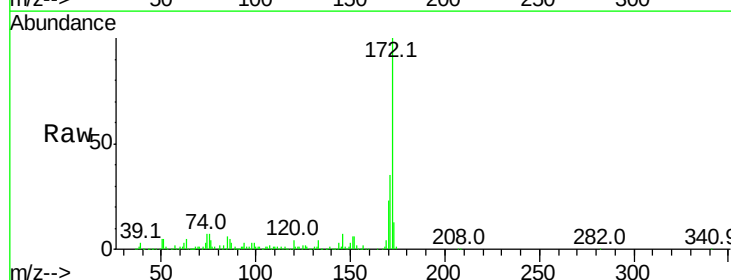


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

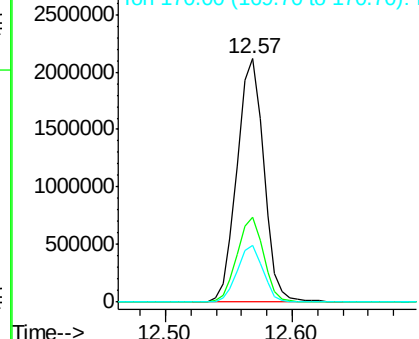
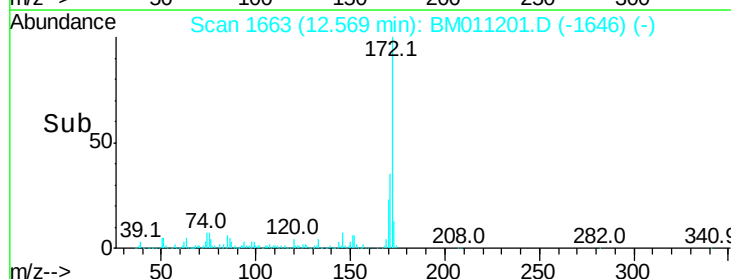


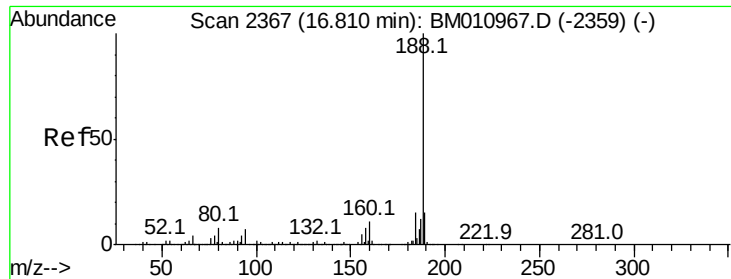
#44
 2-Fluorobiphenyl
 Concen: 101.452 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011201.D
 Acq: 11 Aug 2017 15:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.2	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# 2369

Delta R.T. 0.00 min

Lab File: BM011201.D

Acq: 11 Aug 2017 15:04

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014

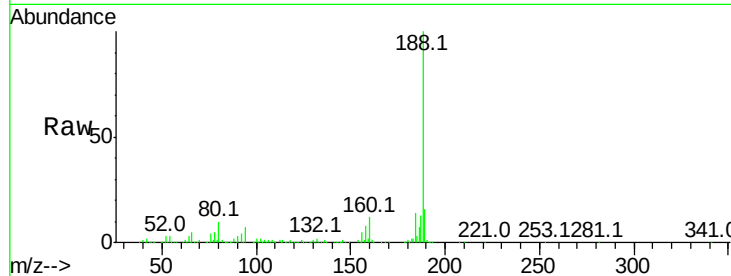
Tot Ion:188 Resp: 859046

Ion Ratio Lower Upper

188 100

94 6.6 8.7 13.1#

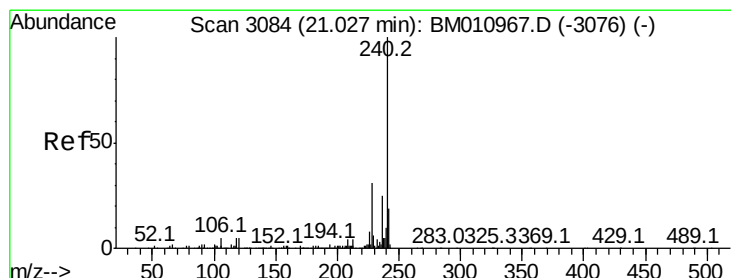
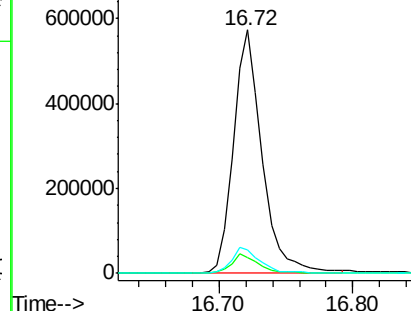
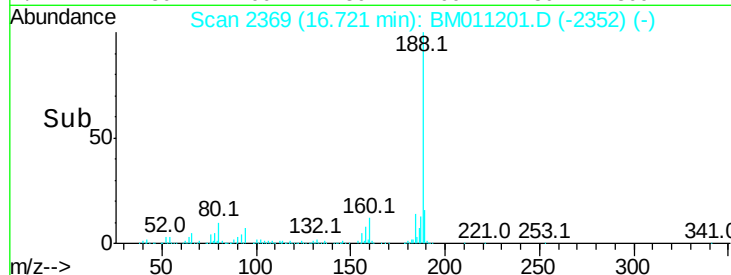
80 9.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM011201.D

Acq: 11 Aug 2017 15:04

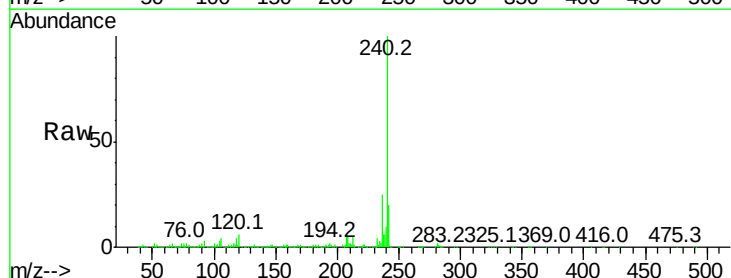
Tgt Ion:240 Resp: 1080136

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

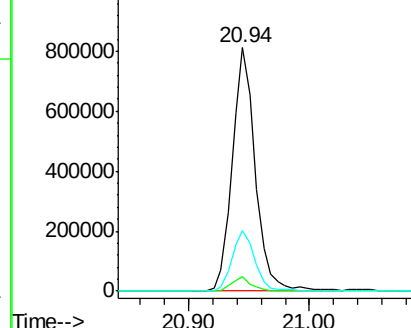
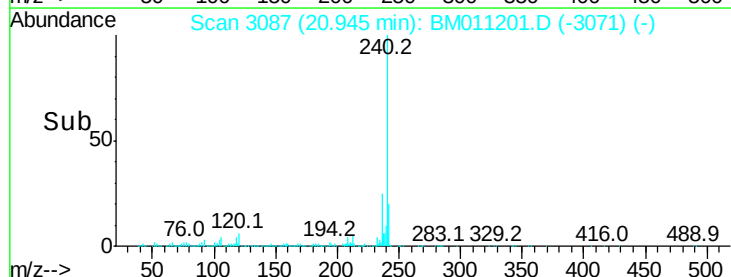
236 24.7 20.0 30.0

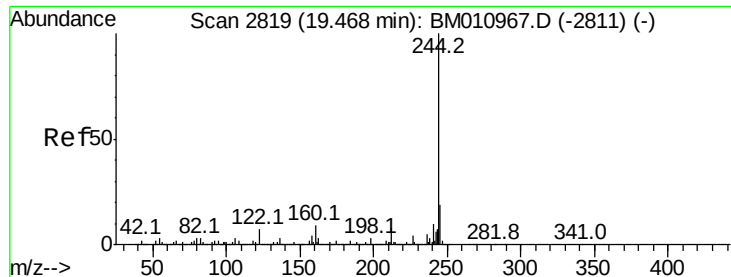


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.576 ng

RT: 19.39 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM011201.D

Acq: 11 Aug 2017 15:04

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014

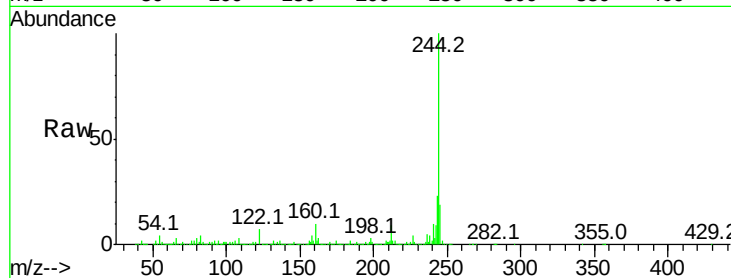
Tot Ion:244 Resp: 4720839

Ion Ratio Lower Upper

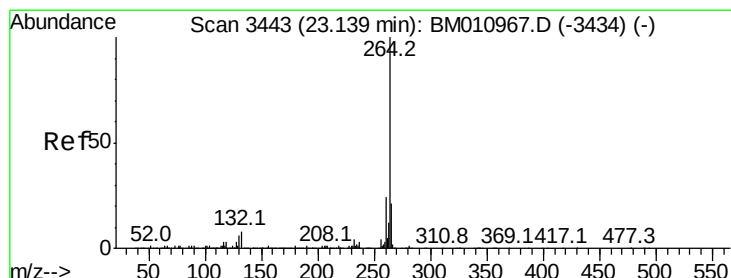
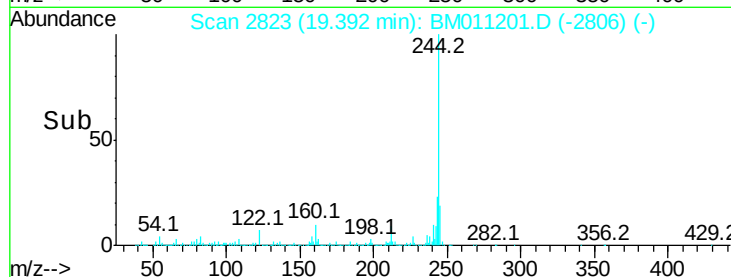
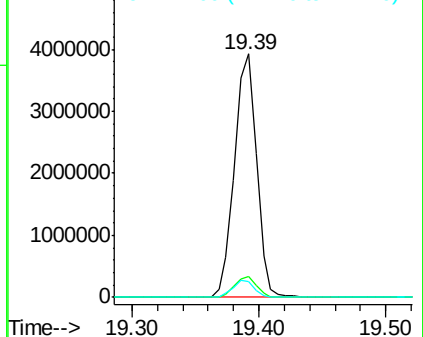
244 100

212 8.6 4.9 7.3#

122 6.5 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. -0.01 min

Lab File: BM011201.D

Acq: 11 Aug 2017 15:04

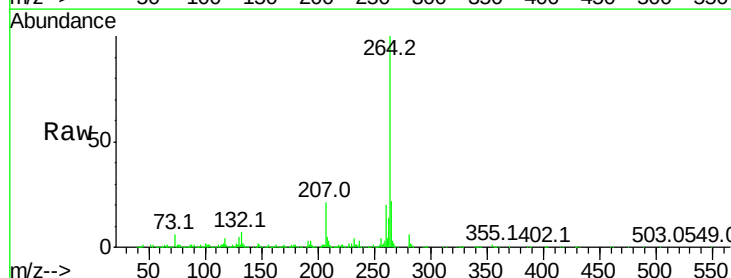
Tgt Ion:264 Resp: 1026957

Ion Ratio Lower Upper

264 100

260 20.0 18.6 27.8

265 21.8 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

