

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016501.D
 Acq On : 22 Aug 2018 01:43
 Operator : SJ/JU
 Sample : J4539-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186

Quant Time: Aug 22 02:24:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	152724	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	465000	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	366462	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1305817	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1648460	20.00	ng	0.00
86) Perylene-d12	23.83	264	1758687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1070764	137.39	ng	0.00
7) Phenol-d6	7.20	99	1146661	111.18	ng	0.00
23) Nitrobenzene-d5	9.20	82	1285576	126.23	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2458951	240.03	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	5117140	134.22	ng	0.00
78) Terphenyl-d14	19.99	244	11196553	143.76	ng	0.00

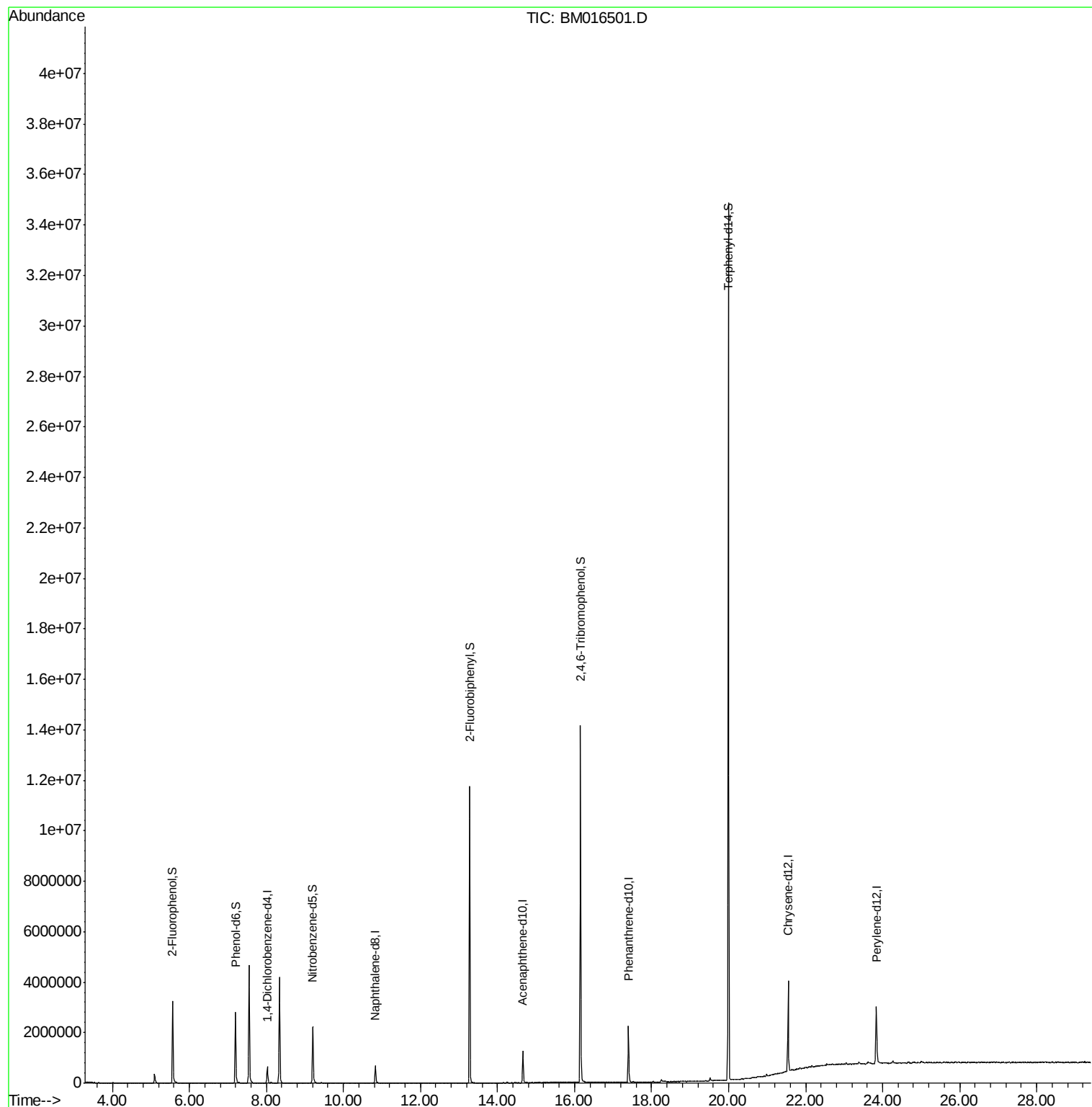
Target Compounds Qvalue

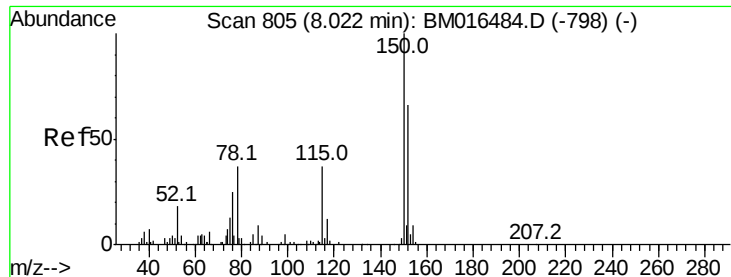
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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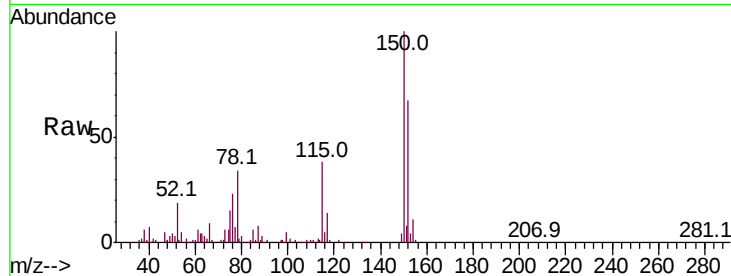


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	57.3	43.0	64.4

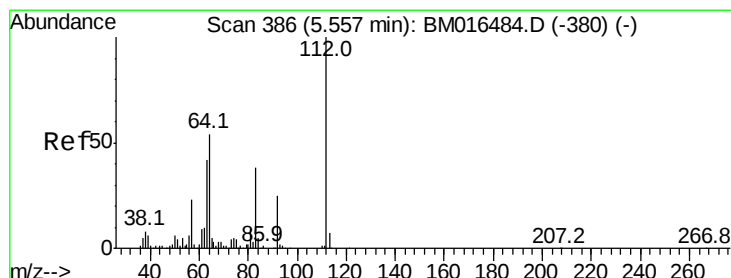
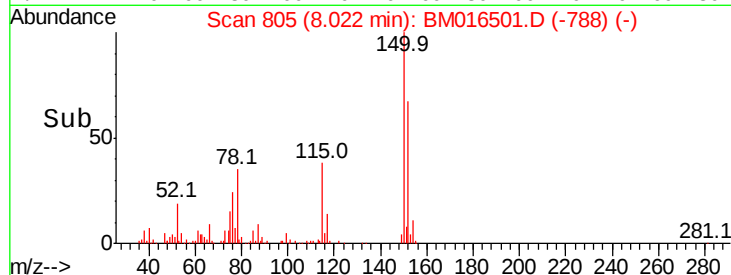
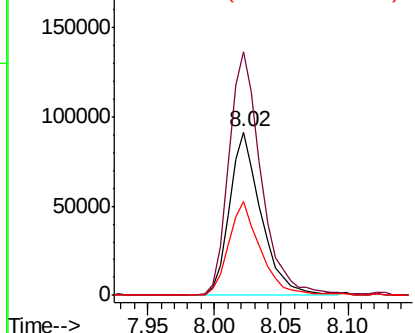


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

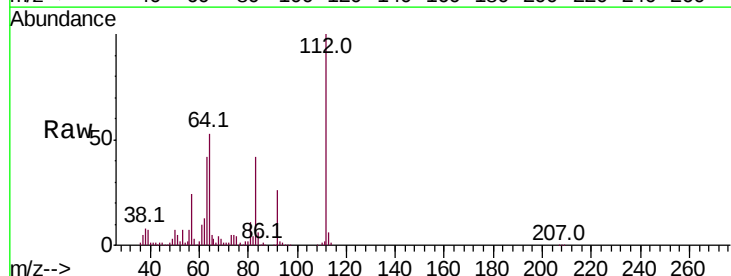
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	38.6	57.8
63	42.2	19.3	28.9

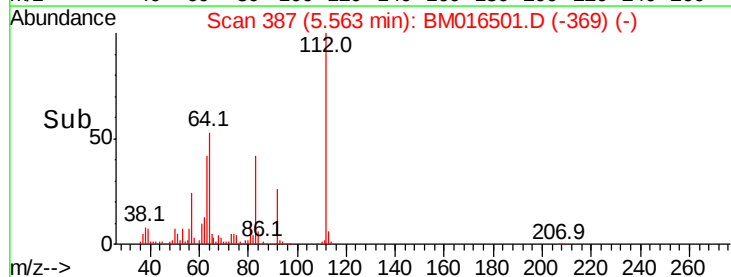
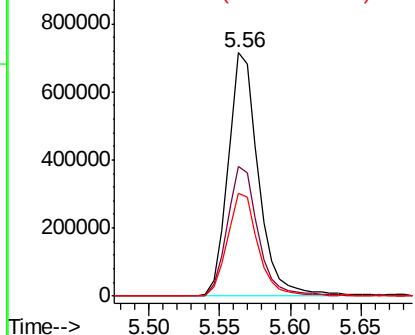


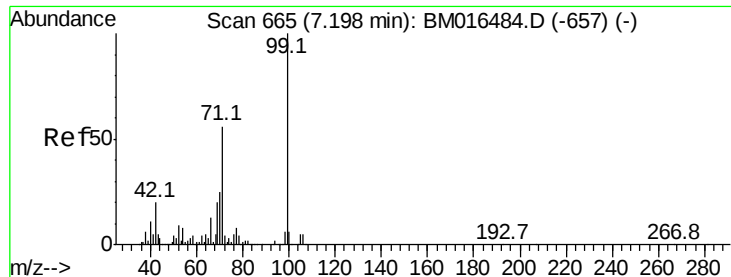
Abundance

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: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186

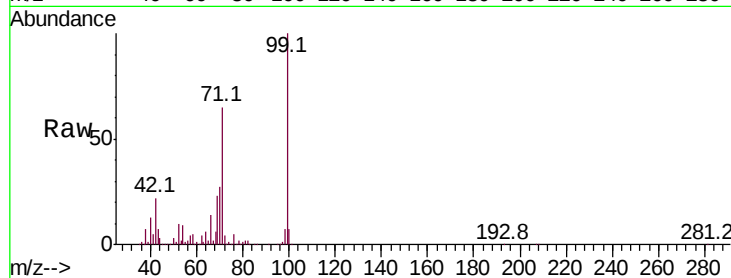
Tot Ion: 99 Resp: 1146661

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

71 64.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016501.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016501.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016501.D (-648) (-)

7.20

800000

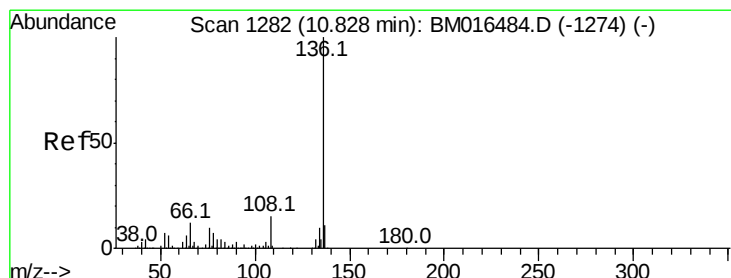
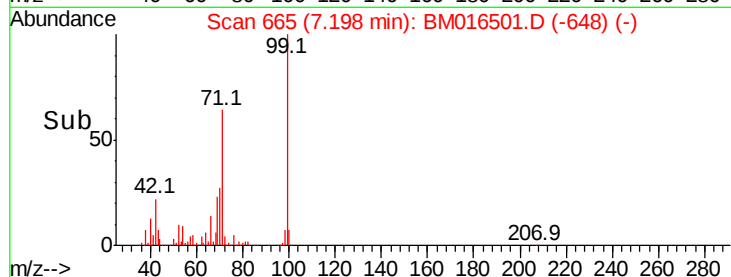
600000

400000

200000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

Tgt Ion: 136 Resp: 465000

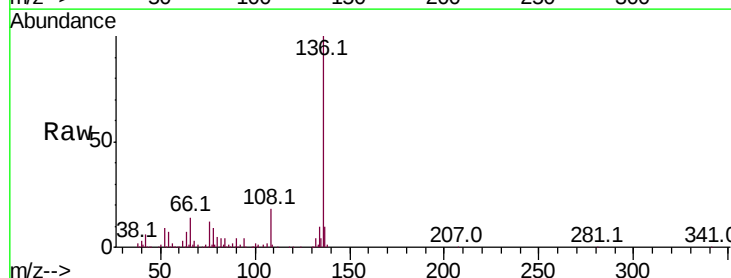
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.8 4.6 6.8#

68 3.4 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM016501.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016501.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016501.D (-1265) (-)

Ion 68.00 (67.70 to 68.70): BM016501.D (-1265) (-)

10.83

400000

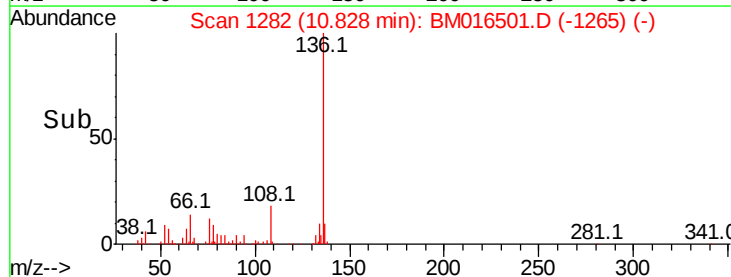
300000

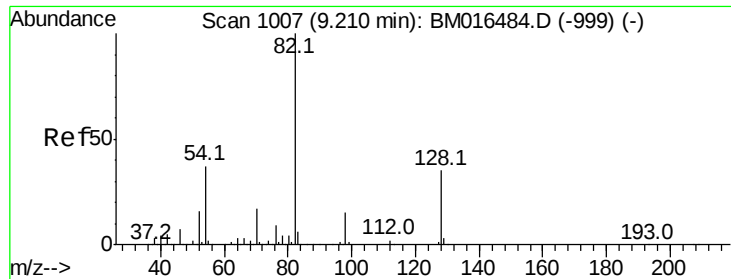
200000

100000

0

Time--> 10.80 10.90

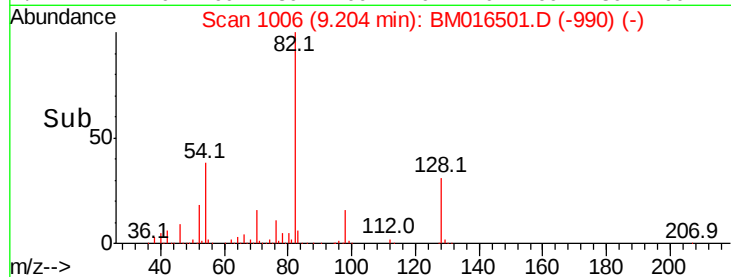
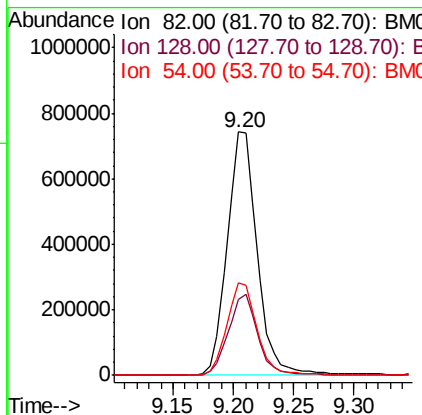
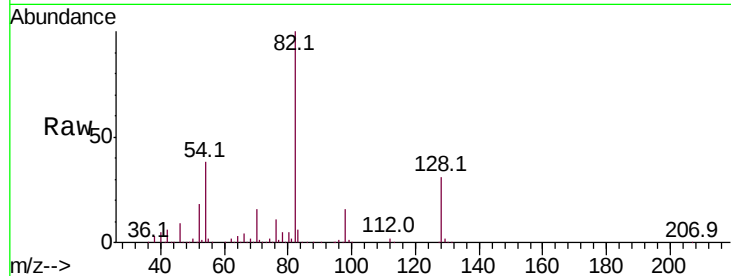




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016501.D
 Acq: 22 Aug 2018 01:43

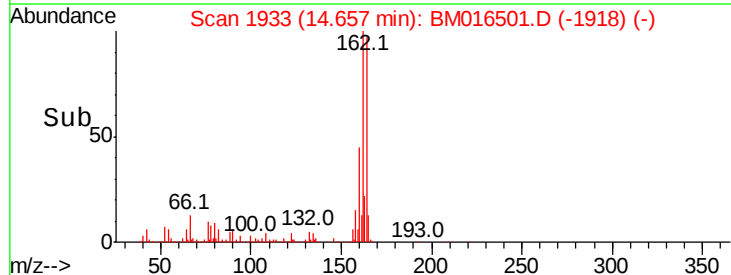
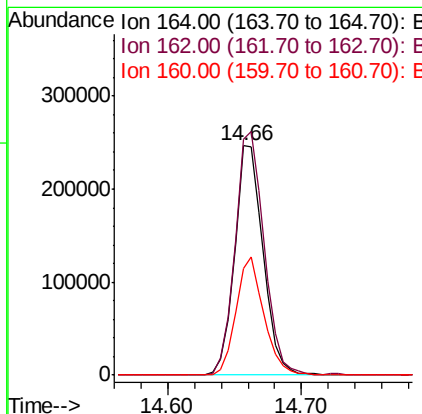
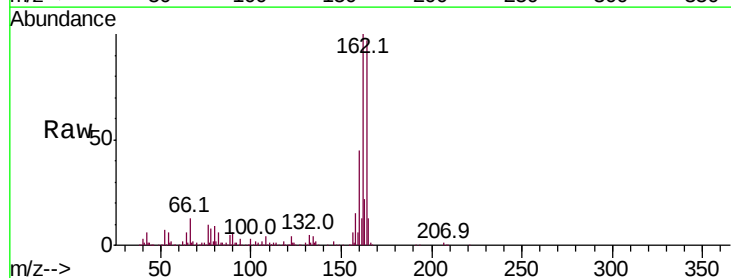
Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186

Tot Ion: 82 Resp: 1285576
 Ion Ratio Lower Upper
 82 100
 128 31.4 32.8 49.2#
 54 38.3 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM016501.D
 Acq: 22 Aug 2018 01:43

Tgt Ion:164 Resp: 366462
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.4 123.6
 160 46.2 35.8 53.6

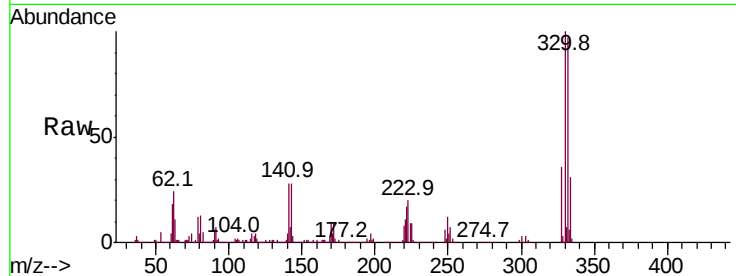




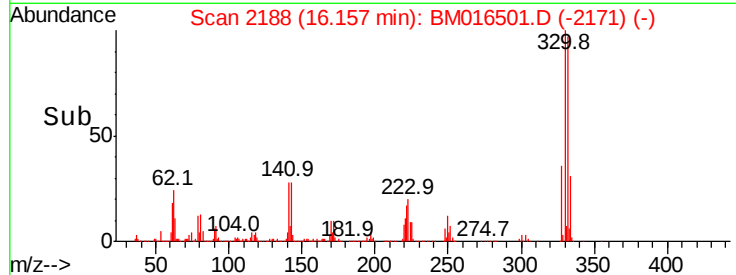
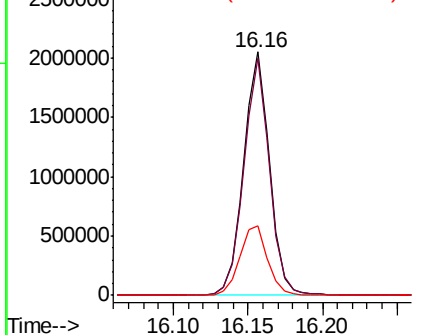
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016501.D
 Acq: 22 Aug 2018 01:43

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186

Tot Ion:330 Resp: 2458951
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 30.9 0.0 0.0#

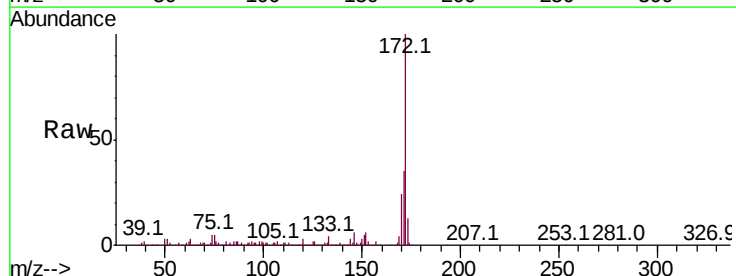


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

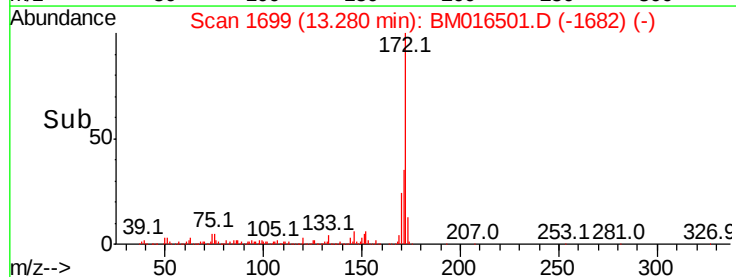
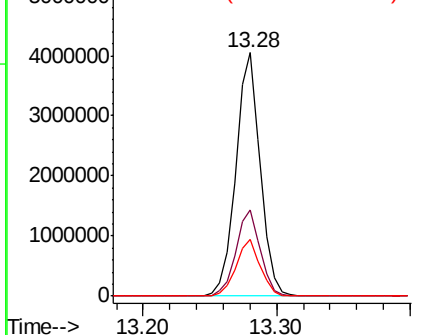


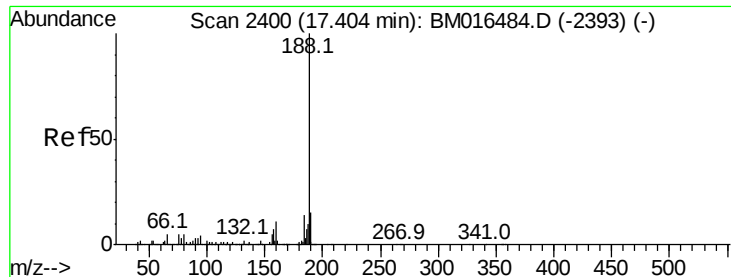
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.28 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM016501.D
 Acq: 22 Aug 2018 01:43

Tgt Ion:172 Resp: 5117140
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.6 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

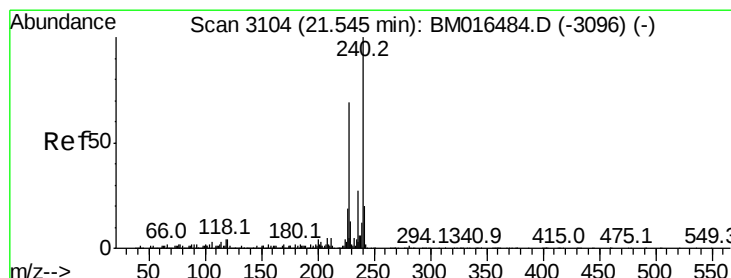
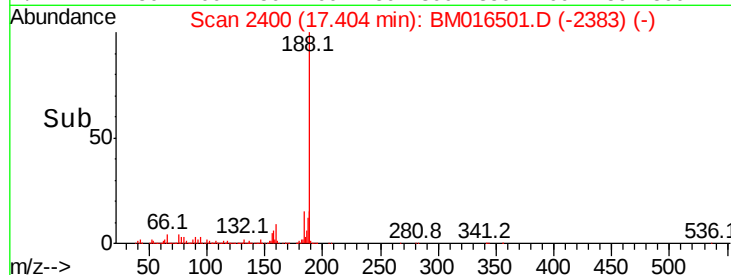
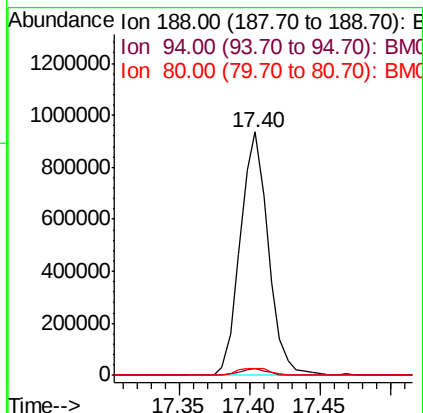
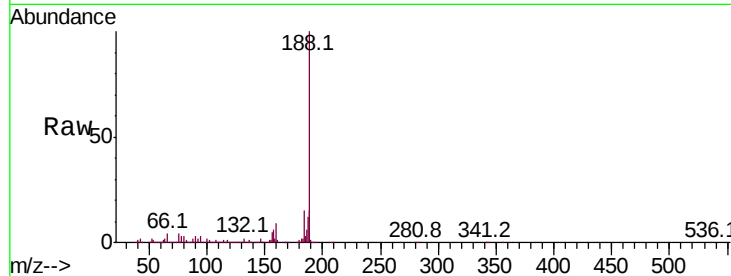




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

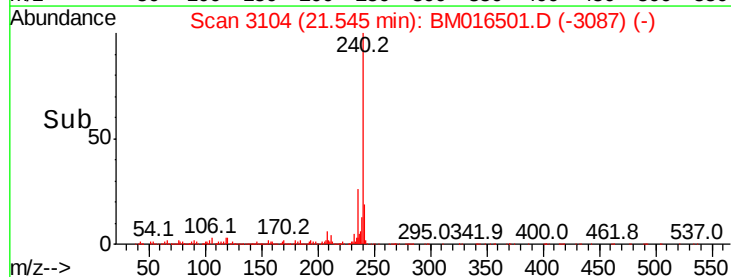
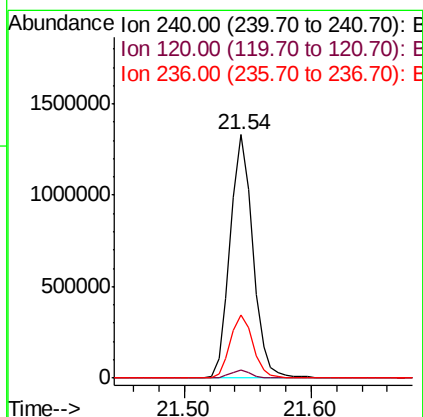
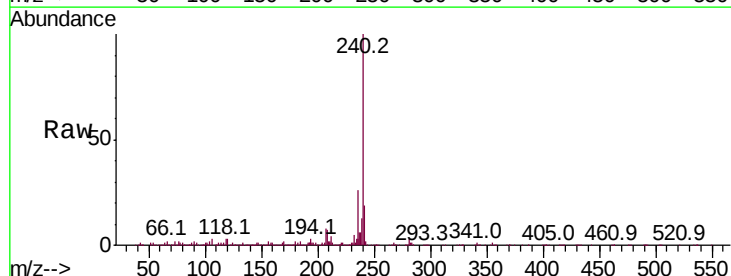
Instrument :
BNA_M
ClientSampleId :
MS-RO-27186

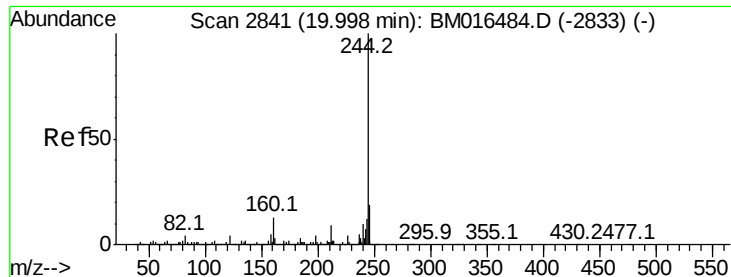
Tot Ion:188 Resp: 1305817
Ion Ratio Lower Upper
188 100
94 3.0 8.7 13.1#
80 2.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

Tgt Ion:240 Resp: 1648460
Ion Ratio Lower Upper
240 100
120 3.1 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186

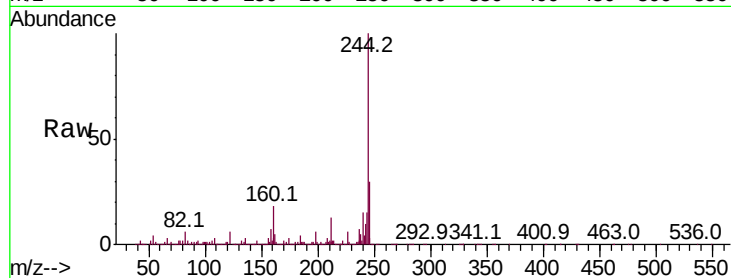
Tot Ion:244 Resp:11196553

Ion Ratio Lower Upper

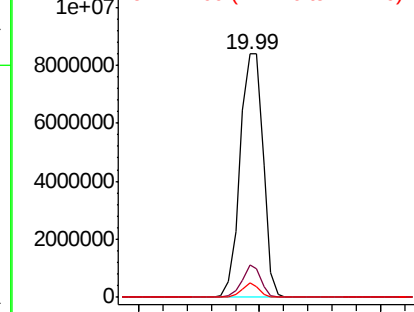
244 100

212 13.2 4.9 7.3#

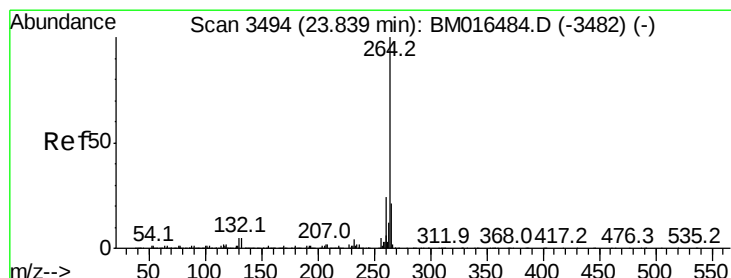
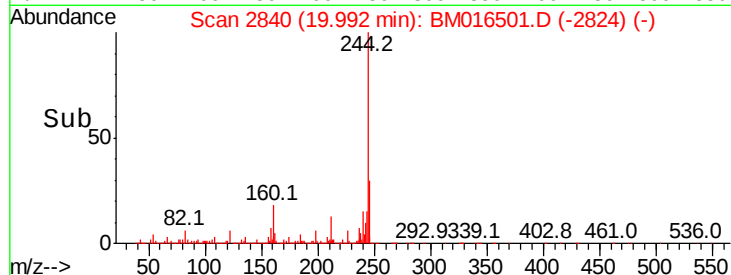
122 5.7 6.2 9.4#



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



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

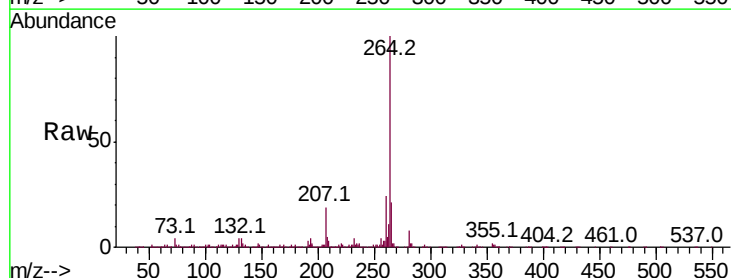
Tgt Ion:264 Resp: 1758687

Ion Ratio Lower Upper

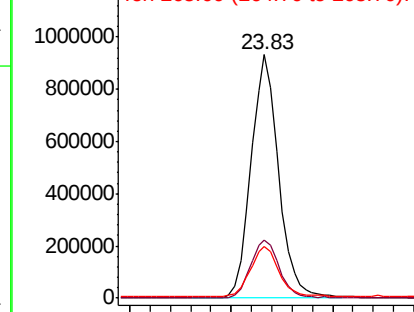
264 100

260 23.9 18.6 27.8

265 21.1 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



Time-->

