

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
 Data File : BM016568.D
 Acq On : 24 Aug 2018 00:58
 Operator : SJ/JU
 Sample : J4610-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 082118-DBRI-F-U-M

Quant Time: Aug 24 05:29:18 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	8.01	152	109696	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	344769	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	256000	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	857899	20.00	ng	-0.01
75) Chrysene-d12	21.54	240	1180719	20.00	ng	0.00
86) Perylene-d12	23.82	264	1352309	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	197072	35.20	ng	0.00
7) Phenol-d6	7.19	99	147738	19.94	ng	-0.01
23) Nitrobenzene-d5	9.20	82	926683	122.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.14	330	835923	116.81	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	3457300	129.81	ng	-0.01
78) Terphenyl-d14	19.99	244	7865849	141.00	ng	-0.01

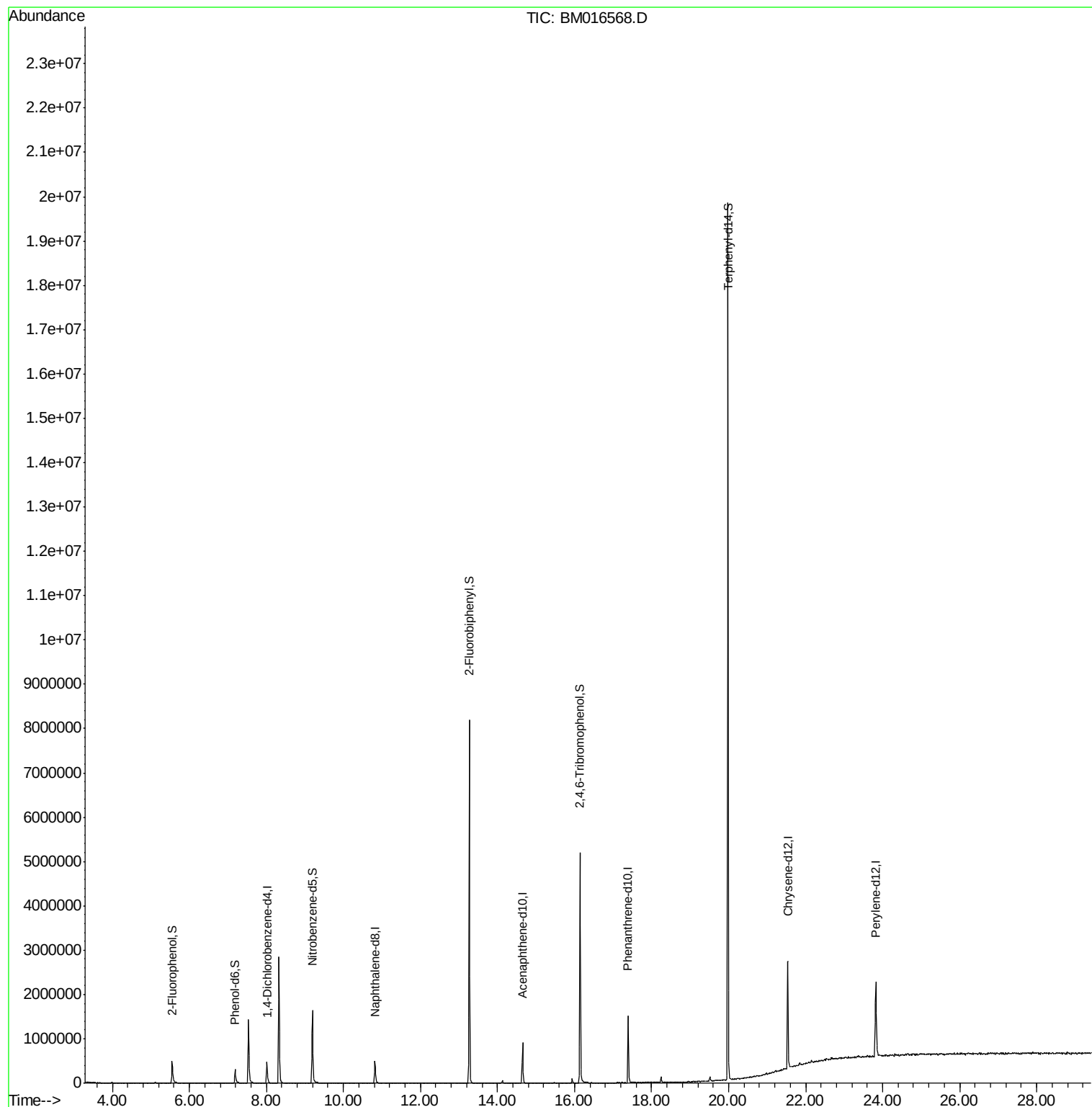
Target Compounds Qvalue

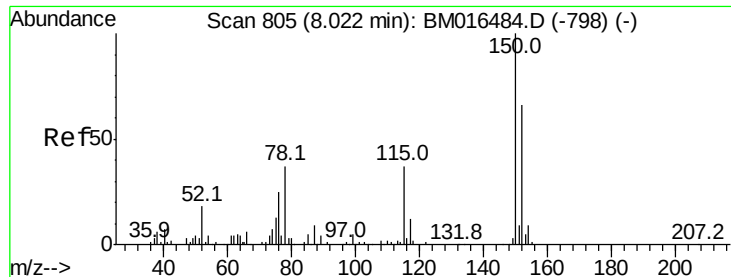
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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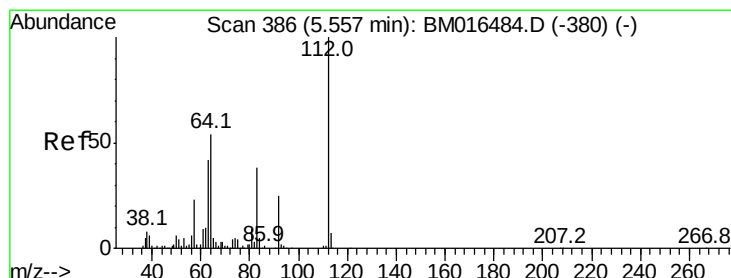
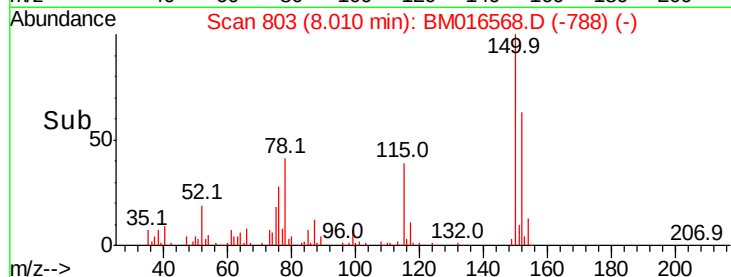
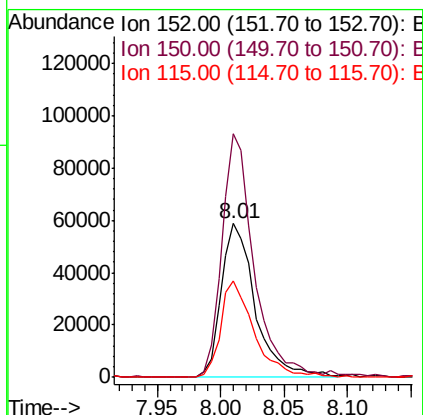
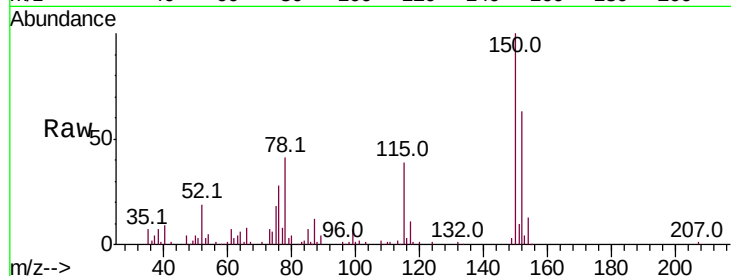


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM016568.D
Acq: 24 Aug 2018 00:58

Instrument :
BNA_M
ClientSampleId :
082118-DBRI-F-U-M

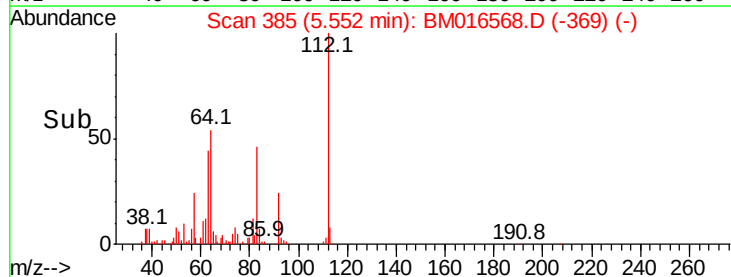
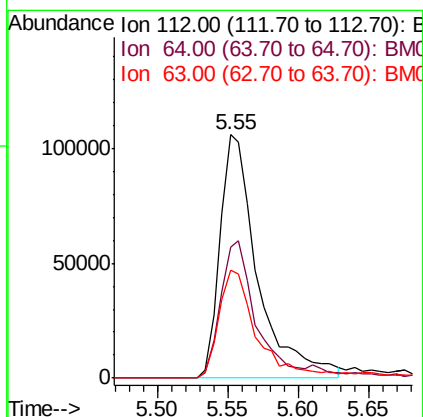
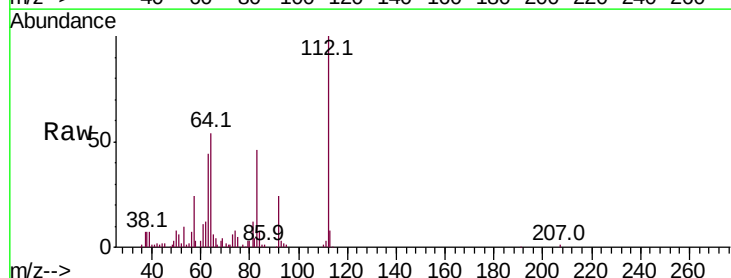
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	62.3	43.0	64.4

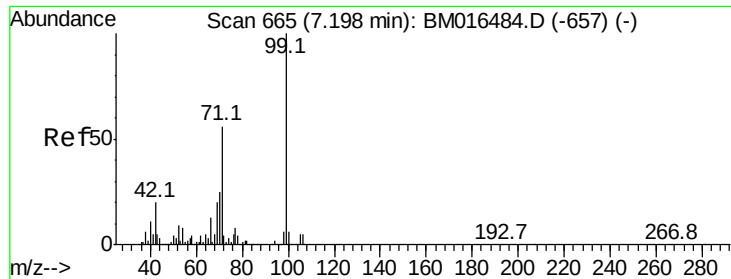


#5

2-Fluorophenol
Concen: 35.205 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016568.D
Acq: 24 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	38.6	57.8
63	44.2	19.3	28.9





#7

Phenol-d6

Concen: 19.944 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016568.D

Acq: 24 Aug 2018 00:58

Instrument :

BNA_M

ClientSampleId :

082118-DBRI-F-U-M

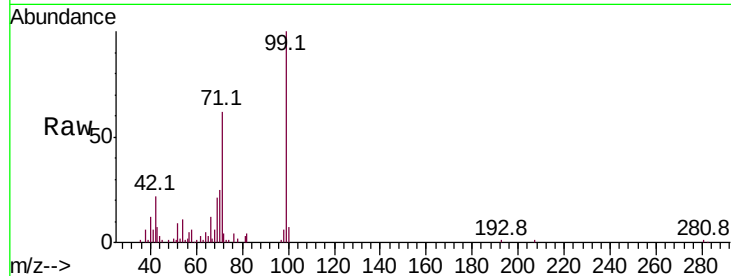
Tot Ion: 99 Resp: 147738

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

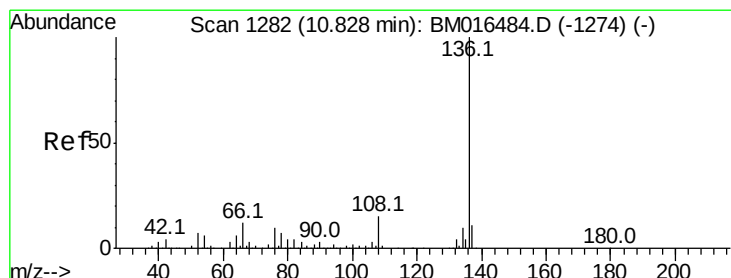
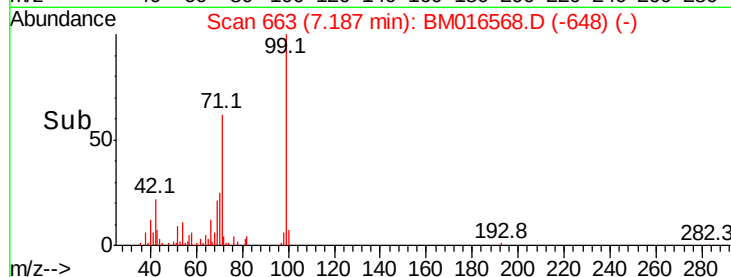
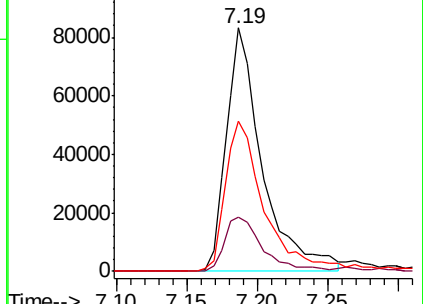
71 61.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016568.D

Acq: 24 Aug 2018 00:58

Tgt Ion: 136 Resp: 344769

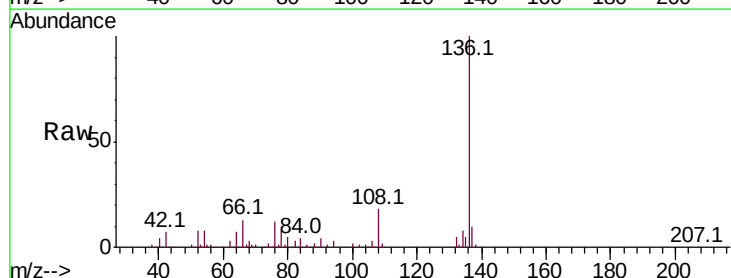
Ion Ratio Lower Upper

136 100

137 9.6 8.7 13.1

54 8.0 4.6 6.8#

68 3.8 3.7 5.5

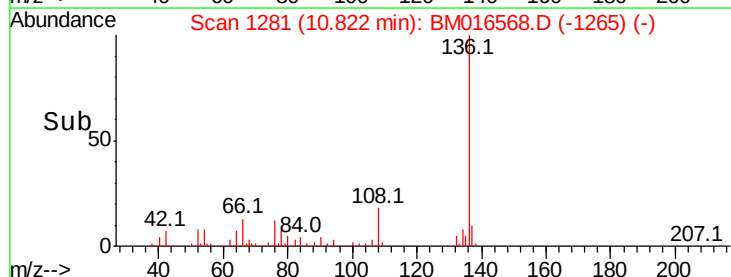
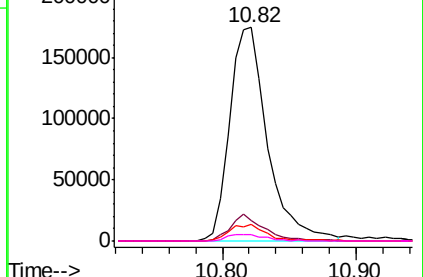


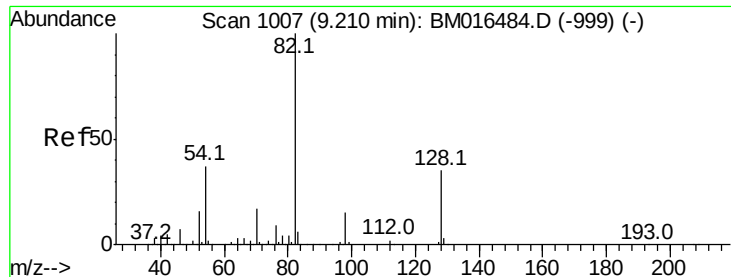
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

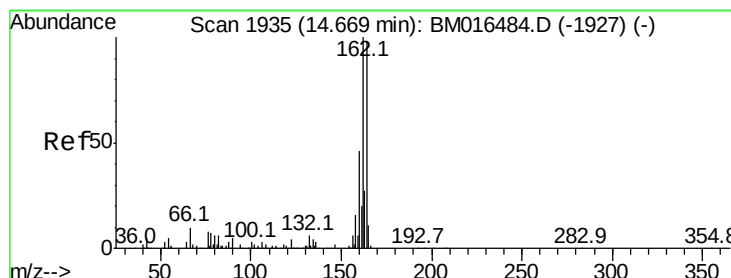
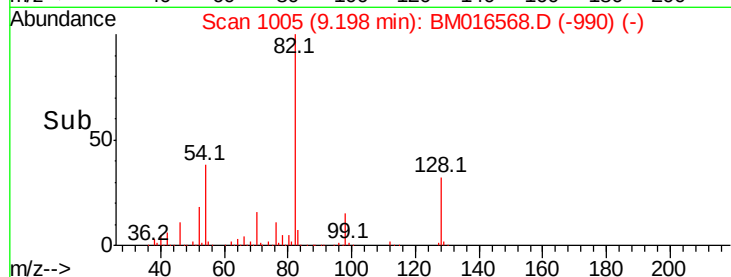
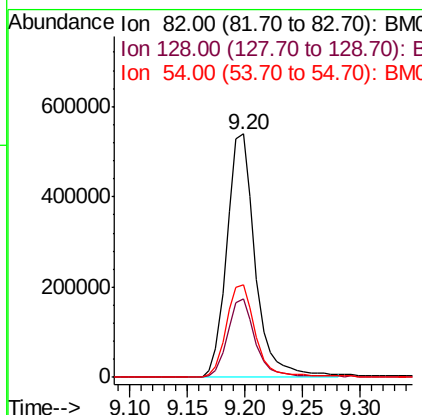
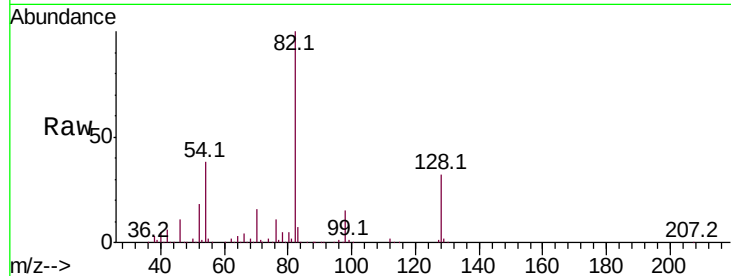




#23
 Nitrobenzene-d5
 Concen: 122.724 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BM016568.D
 Acq: 24 Aug 2018 00:58

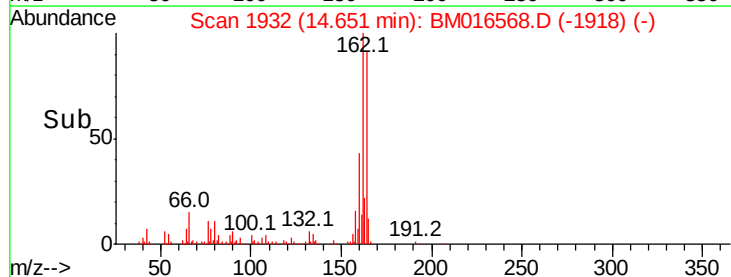
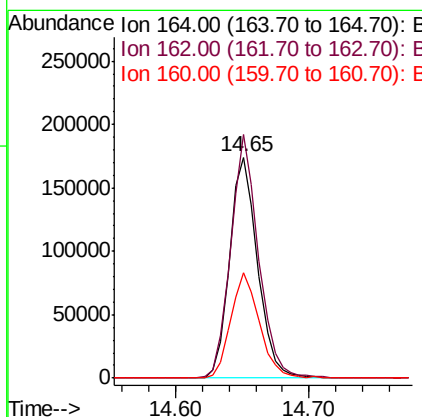
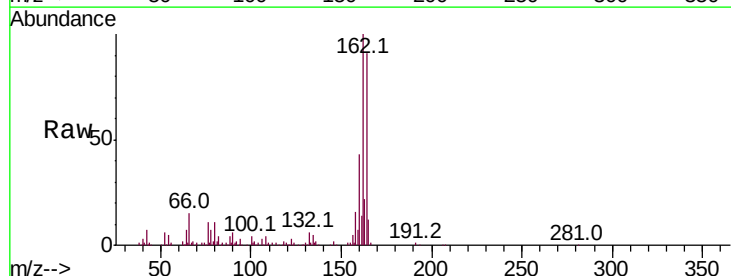
Instrument :
 BNA_M
 ClientSampleId :
 082118-DBRI-F-U-M

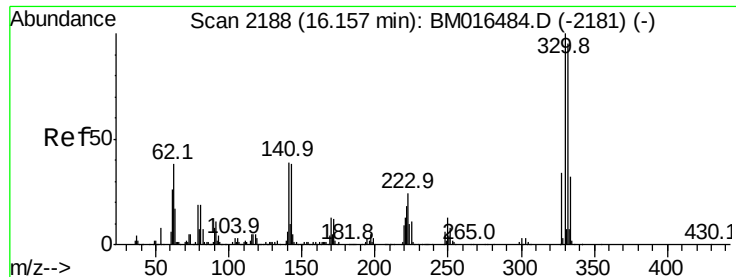
Tot Ion	82	Resp	926683
Ion Ratio	Lower	Upper	
82	100		
128	32.2	32.8	49.2#
54	38.1	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BM016568.D
 Acq: 24 Aug 2018 00:58

Tgt Ion	164	Resp	256000
Ion Ratio	Lower	Upper	
164	100		
162	110.3	82.4	123.6
160	47.7	35.8	53.6

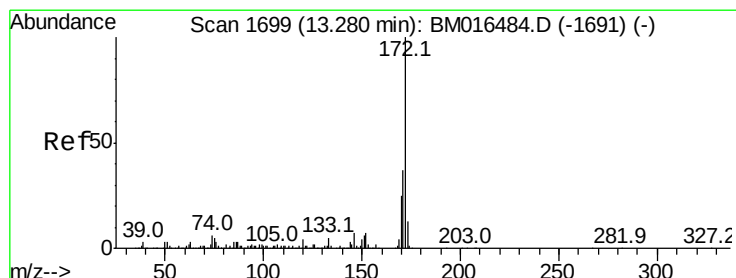
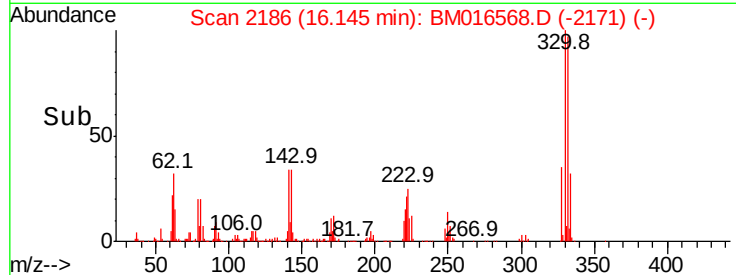
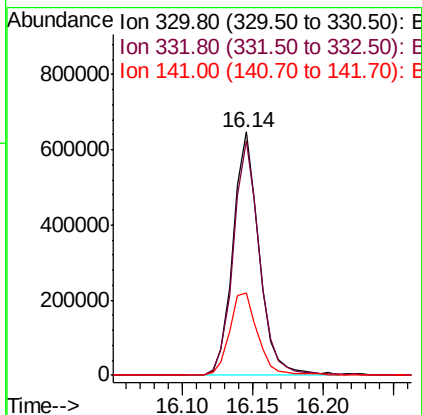
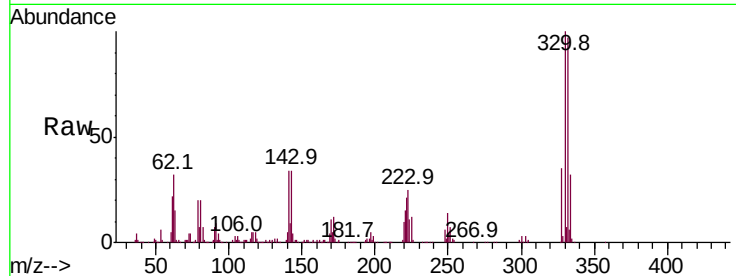




#41
2,4,6-Tribromophenol
Concen: 116.810 ng
RT: 16.14 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BM016568.D
Acq: 24 Aug 2018 00:58

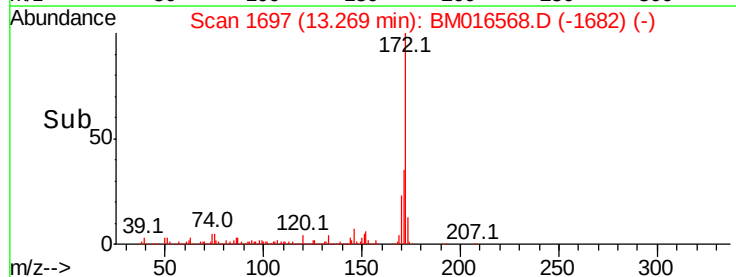
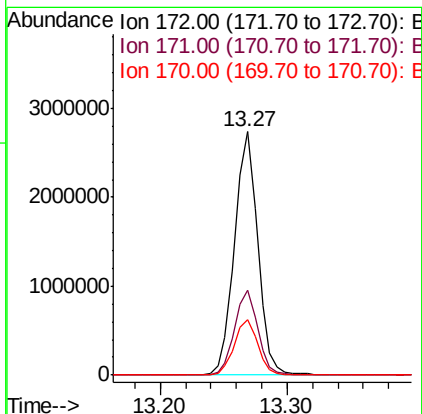
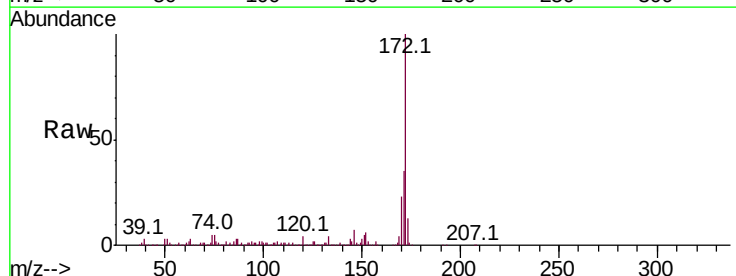
Instrument :
BNA_M
ClientSampleId :
082118-DBRI-F-U-M

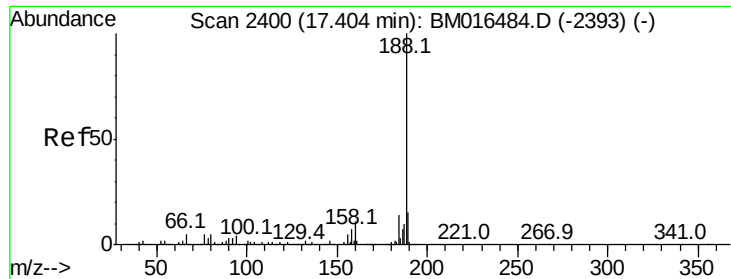
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	36.6	0.0	0.0#



#44
2-Fluorobiphenyl
Concen: 129.814 ng
RT: 13.27 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BM016568.D
Acq: 24 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.8	18.8	28.2

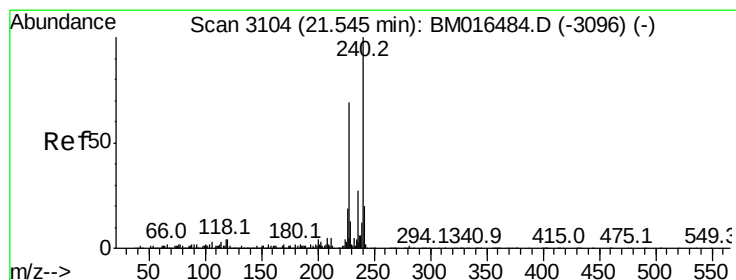
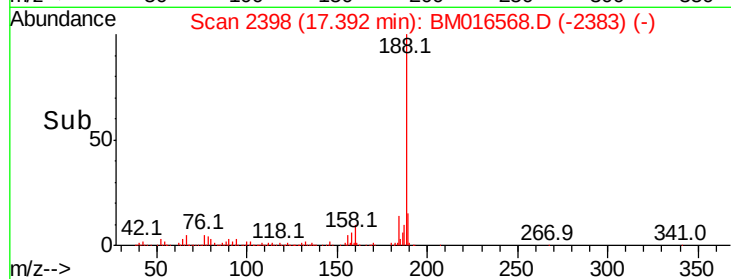
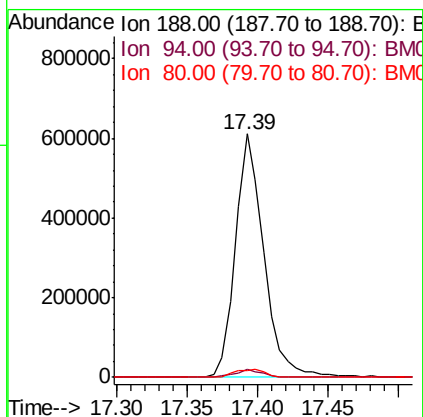
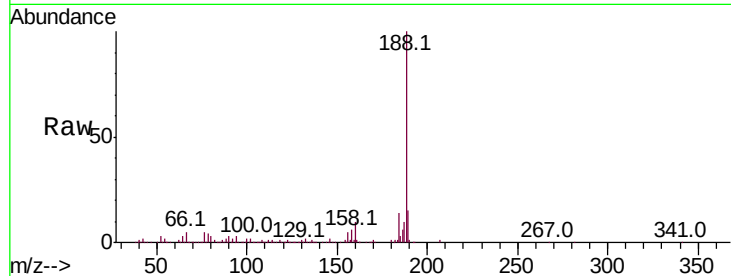




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM016568.D
Acq: 24 Aug 2018 00:58

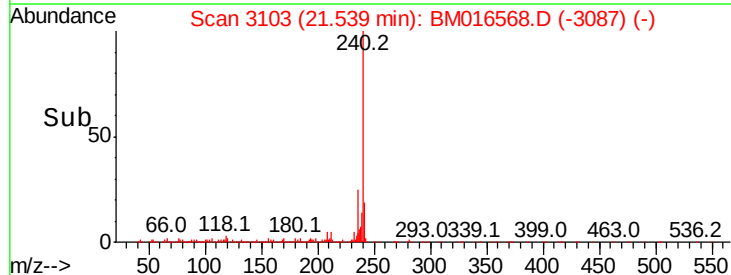
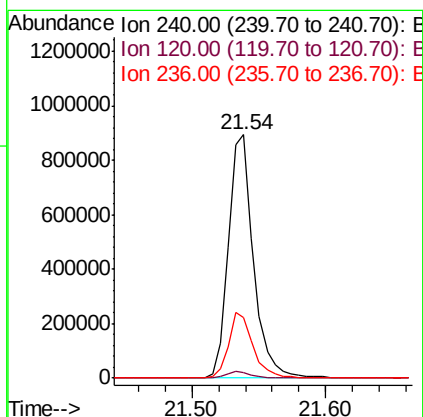
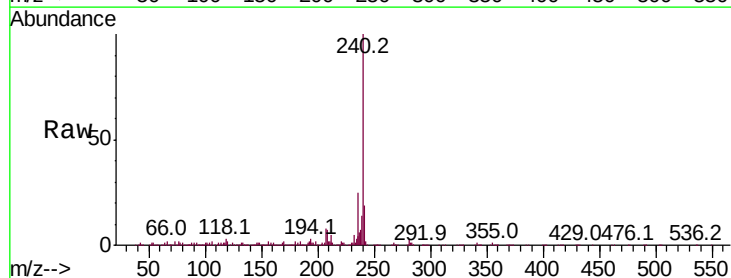
Instrument :
BNA_M
ClientSampleId :
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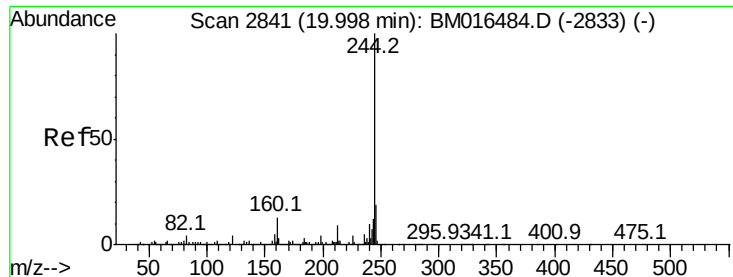
Tot Ion:188 Resp: 857899
Ion Ratio Lower Upper
188 100
94 3.3 8.7 13.1#
80 3.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016568.D
Acq: 24 Aug 2018 00:58

Tgt Ion:240 Resp: 1180719
Ion Ratio Lower Upper
240 100
120 2.0 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 141.004 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016568.D

Acq: 24 Aug 2018 00:58

Instrument :

BNA_M

ClientSampleId :

082118-DBRI-F-U-M

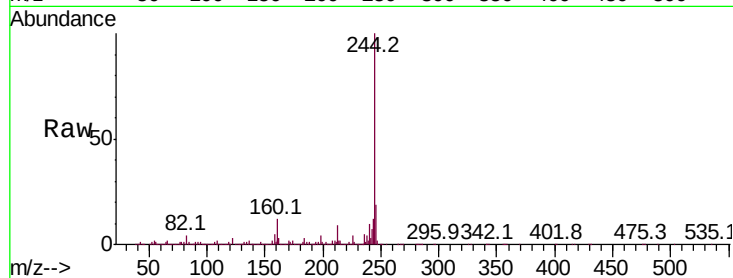
Tot Ion:244 Resp: 7865849

Ion Ratio Lower Upper

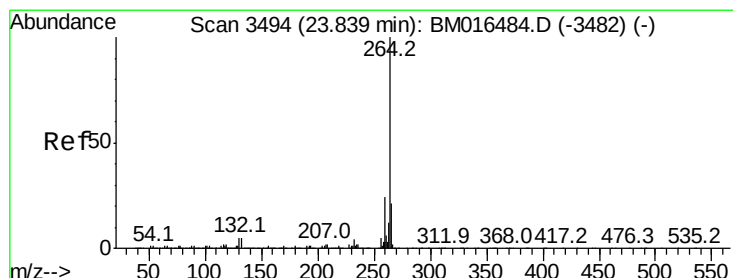
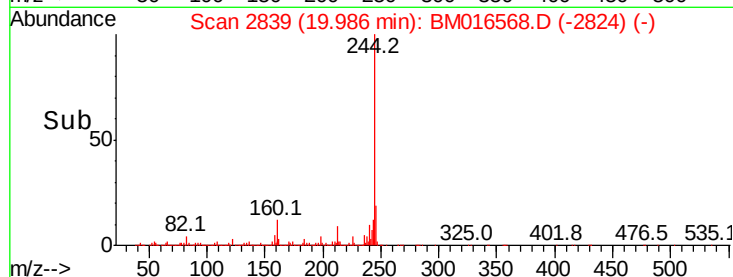
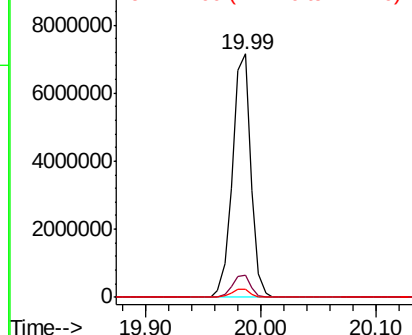
244 100

212 9.0 4.9 7.3#

122 3.2 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: 23.82 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BM016568.D

Acq: 24 Aug 2018 00:58

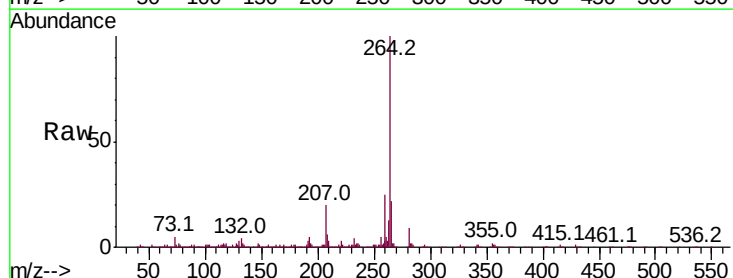
Tgt Ion:264 Resp: 1352309

Ion Ratio Lower Upper

264 100

260 25.2 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

