

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016216.D
 Acq On : 07 Aug 2018 06:50
 Operator : SJ/JU
 Sample : J4332-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 080118-DBRI-E-D-S

Quant Time: Aug 07 08:09:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	30415	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	115380	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	59417	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	126448	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	136935	20.00	ng	-0.05
86) Perylene-d12	24.01	264	146602	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	71468	39.03	ng	-0.05
7) Phenol-d6	7.33	99	51860	21.69	ng	-0.06
23) Nitrobenzene-d5	9.35	82	261326	105.34	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	66410	88.12	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	496805	101.74	ng	-0.06
78) Terphenyl-d14	20.11	244	689695	105.43	ng	-0.05

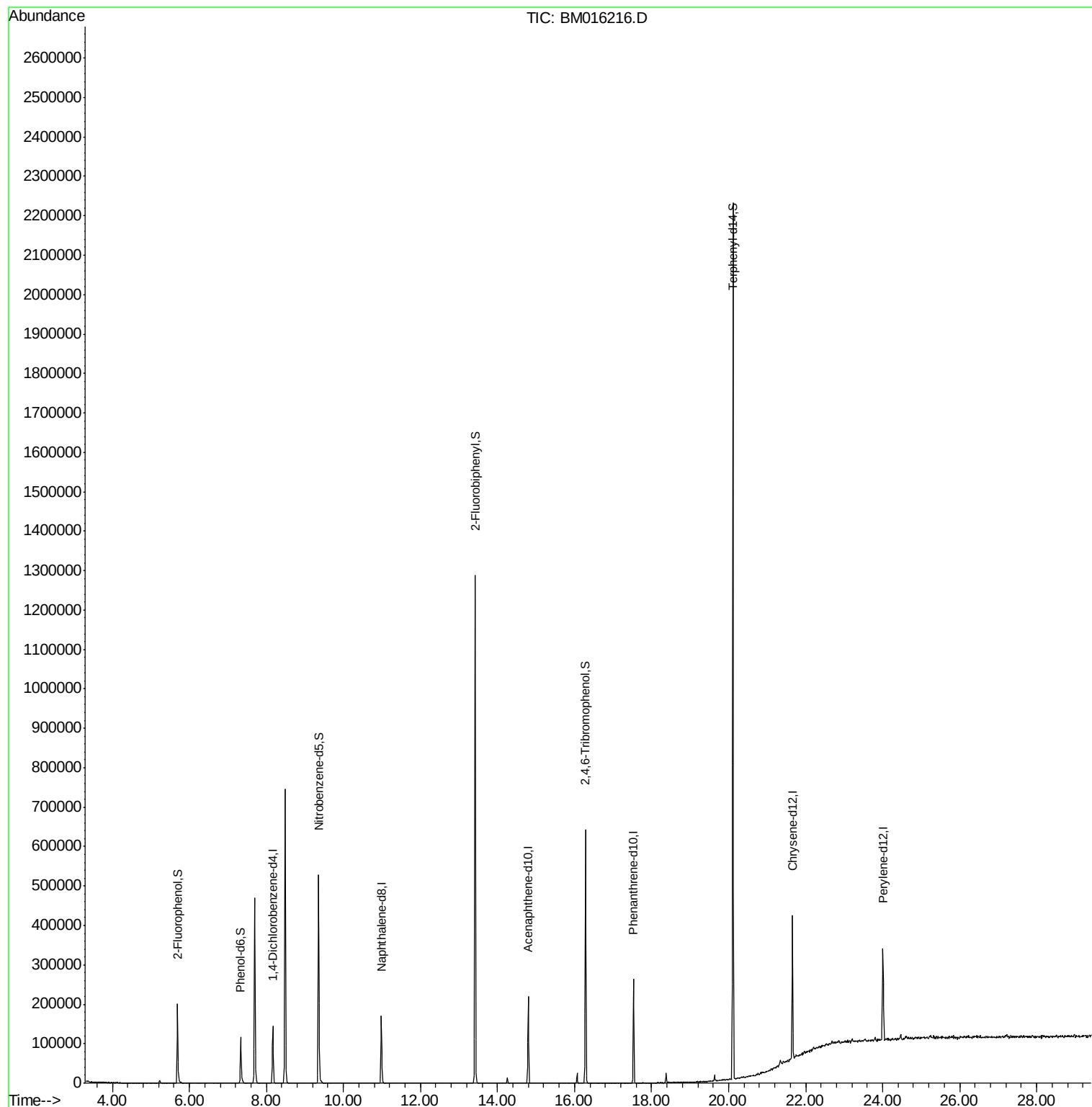
Target Compounds Qvalue

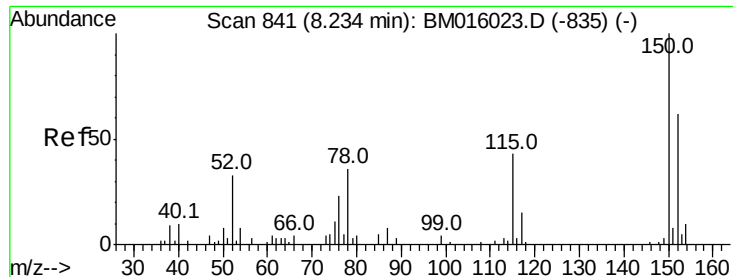
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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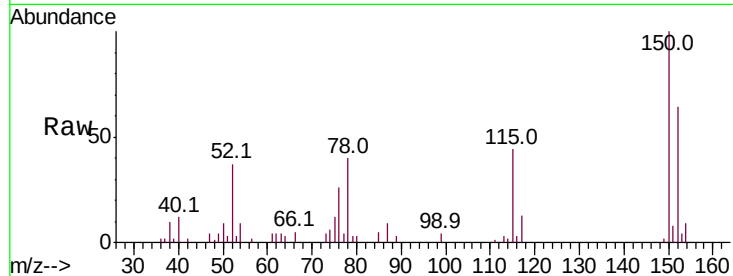


#1

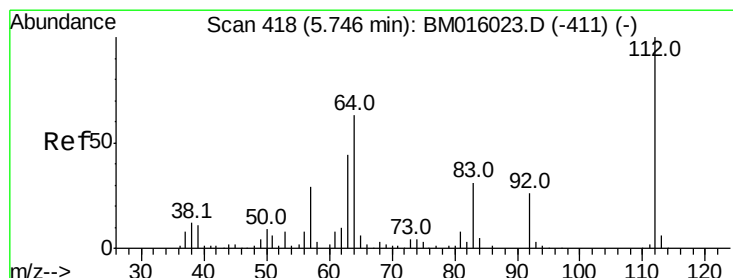
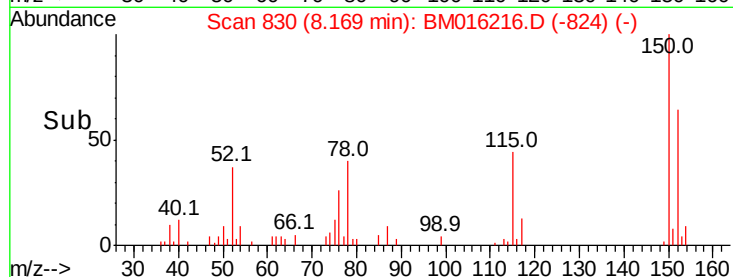
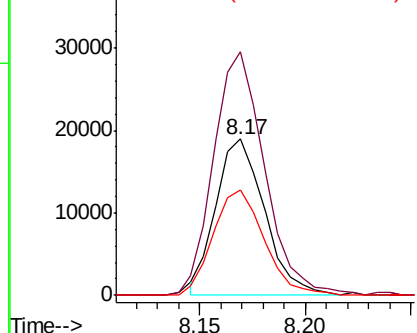
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.06 min
 Lab File: BM016216.D
 Acq: 07 Aug 2018 06:50

Instrument :
 BNA_M
 ClientSampleId :
 080118-DBRI-E-D-S

Tot Ion:152 Resp: 30415
 Ion Ratio Lower Upper
 152 100
 150 156.0 119.5 179.3
 115 67.9 43.0 64.4#



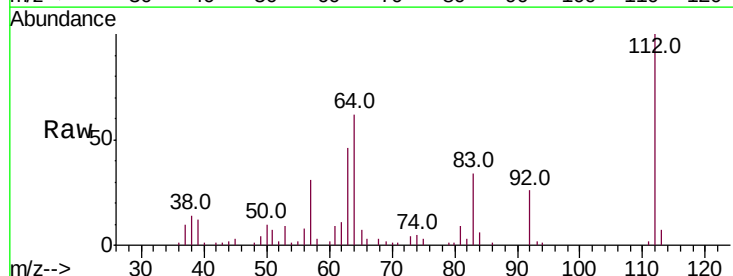
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



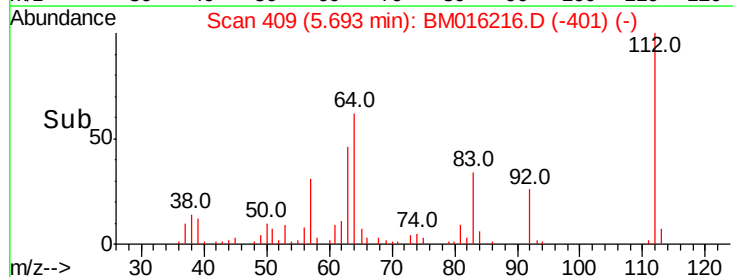
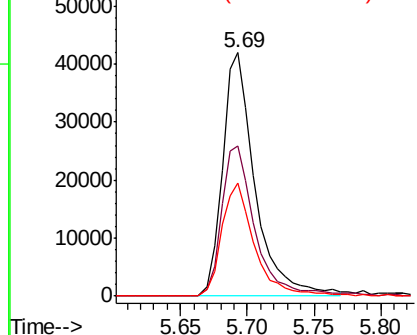
#5

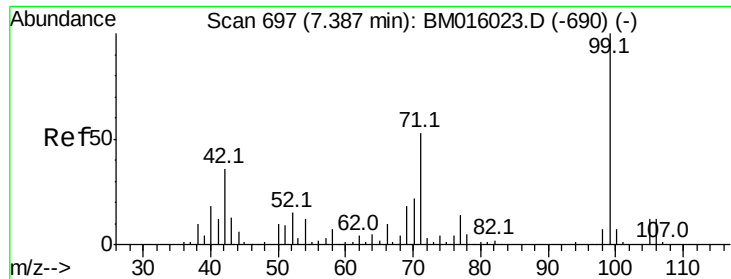
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BM016216.D
 Acq: 07 Aug 2018 06:50

Tgt Ion:112 Resp: 71468
 Ion Ratio Lower Upper
 112 100
 64 61.8 38.6 57.8#
 63 46.2 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: 7.33 min Scan# 687

Delta R.T. -0.06 min

Lab File: BM016216.D

Acq: 07 Aug 2018 06:50

Instrument :

BNA_M

ClientSampleId :

080118-DBRI-E-D-S

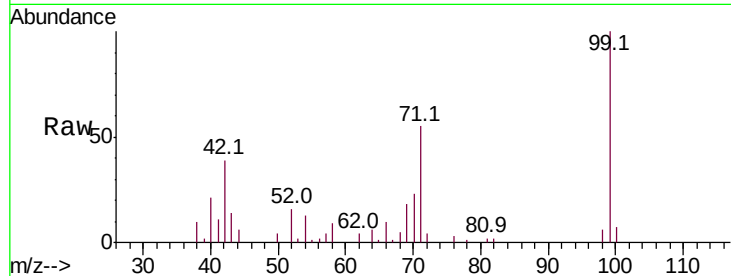
Tot Ion: 99 Resp: 51860

Ion Ratio Lower Upper

99 100

42 39.5 11.0 16.4#

71 54.6 23.4 35.2#

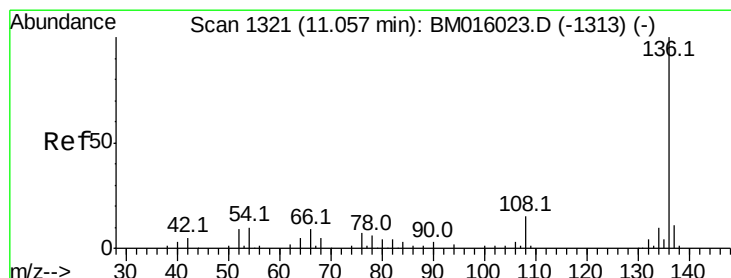
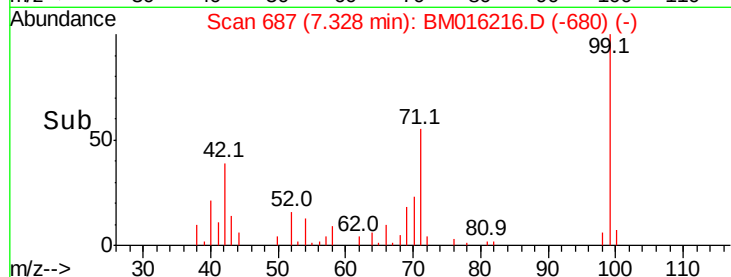
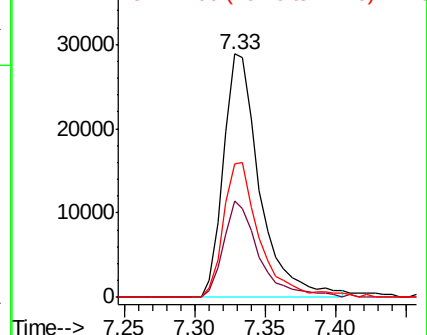


Abundance

Ion 99.00 (98.70 to 99.70): BM016216.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016216.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016216.D (-680) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016216.D

Acq: 07 Aug 2018 06:50

Tgt Ion: 136 Resp: 115380

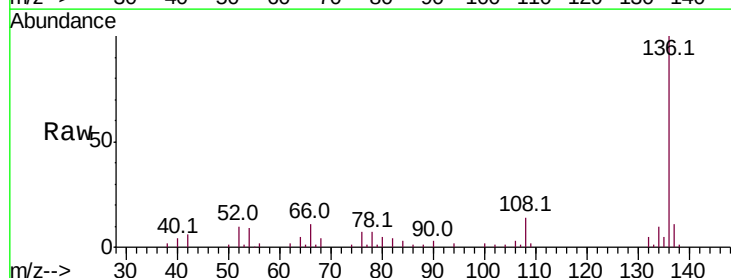
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.0 4.6 6.8#

68 3.7 3.7 5.5



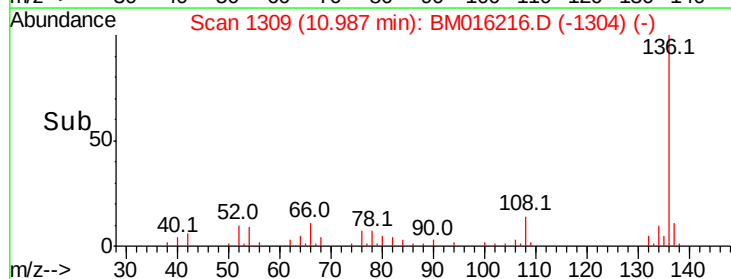
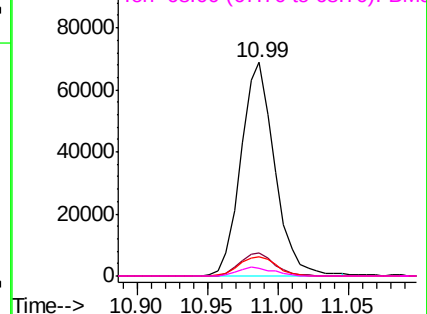
Abundance

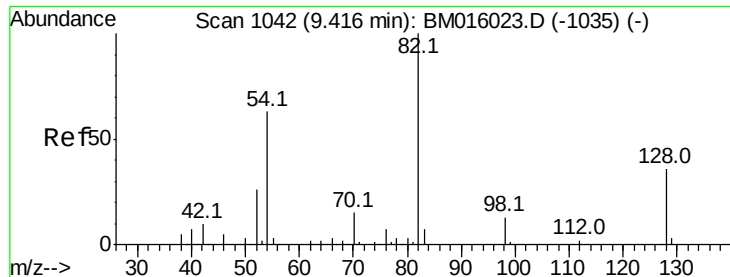
Ion 136.00 (135.70 to 136.70): BM016216.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016216.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016216.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016216.D (-1304) (-)

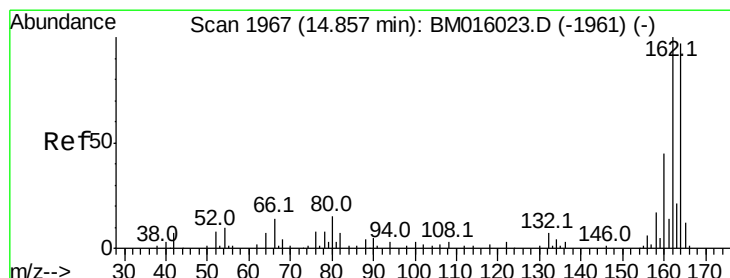
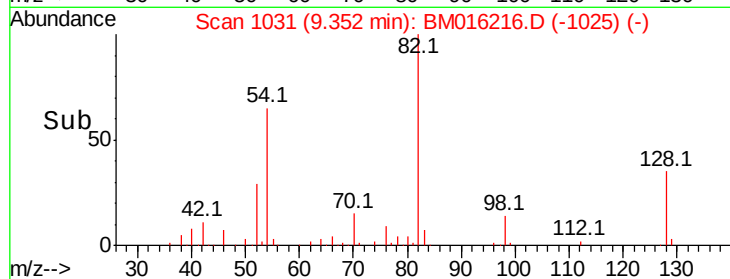
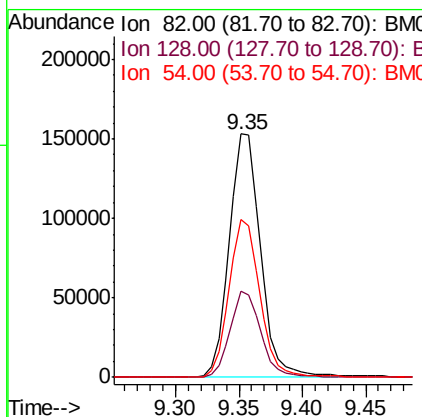
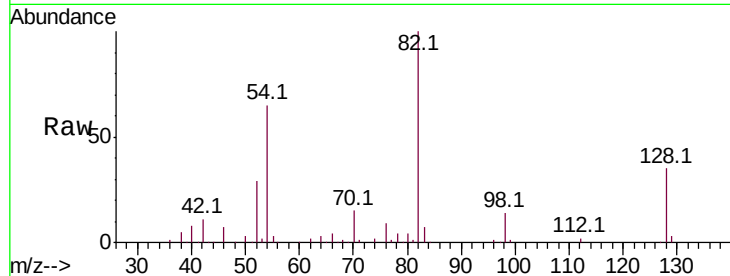




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.06 min
 Lab File: BM016216.D
 Acq: 07 Aug 2018 06:50

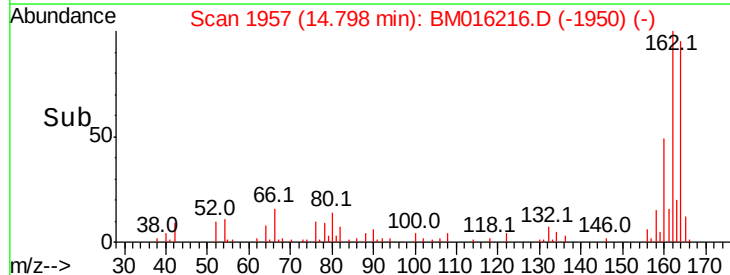
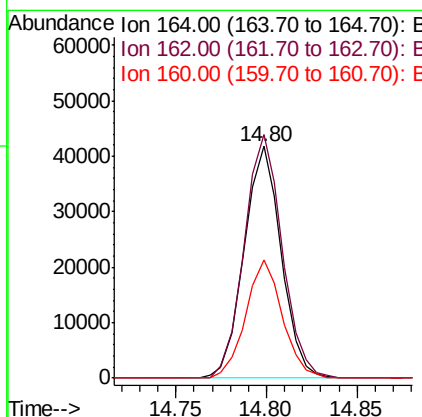
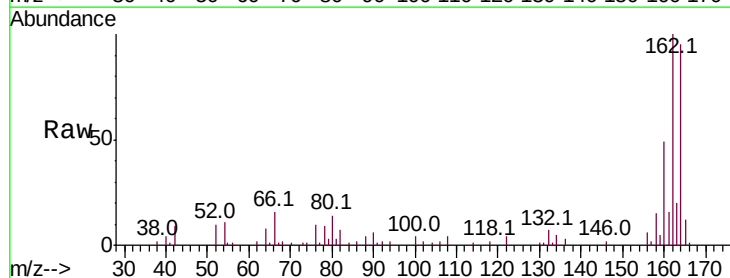
Instrument :
 BNA_M
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 080118-DBRI-E-D-S

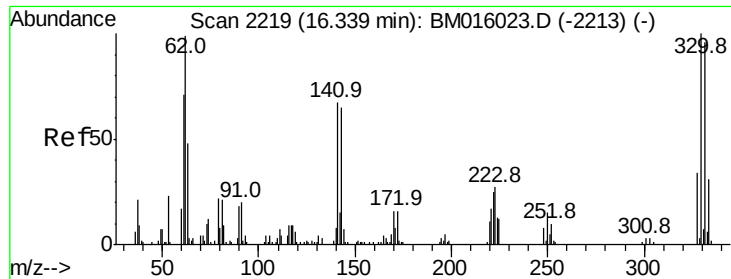
Tot Ion	82	Resp	261326
Ion Ratio	100	Lower	Upper
128	35.4	32.8	49.2
54	64.8	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1957
 Delta R.T. -0.06 min
 Lab File: BM016216.D
 Acq: 07 Aug 2018 06:50

Tgt Ion	164	Resp	59417
Ion Ratio	100	Lower	Upper
162	105.2	82.4	123.6
160	51.3	35.8	53.6

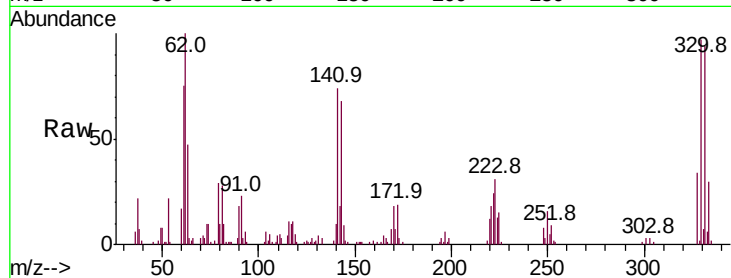




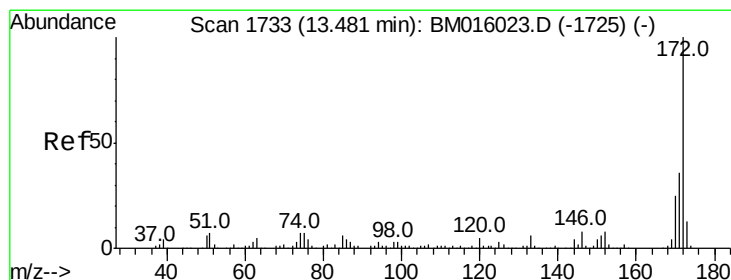
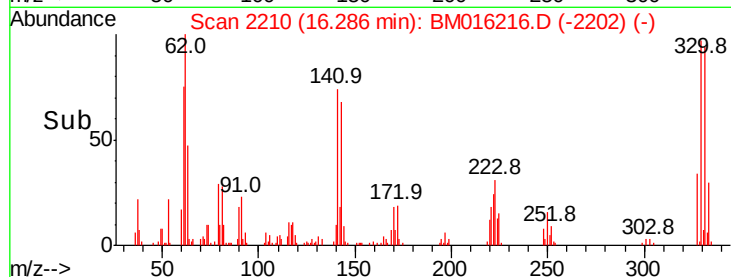
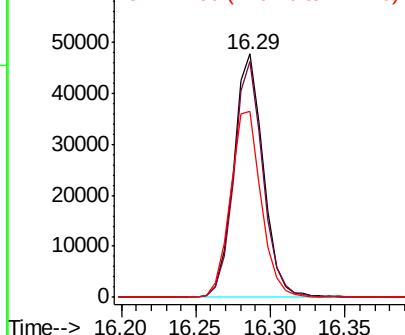
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016216.D
 Acq: 07 Aug 2018 06:50

Instrument :
 BNA_M
 ClientSampleId :
 080118-DBRI-E-D-S

Tot Ion:330 Resp: 66410
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 79.3 0.0 0.0#

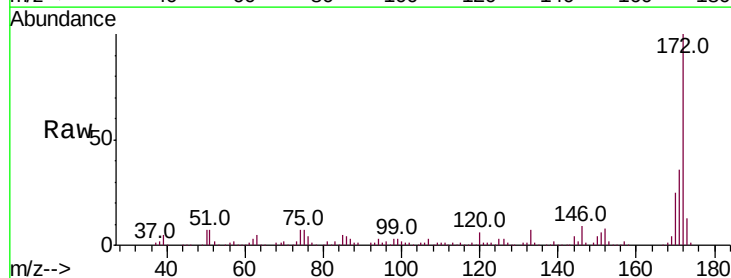


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

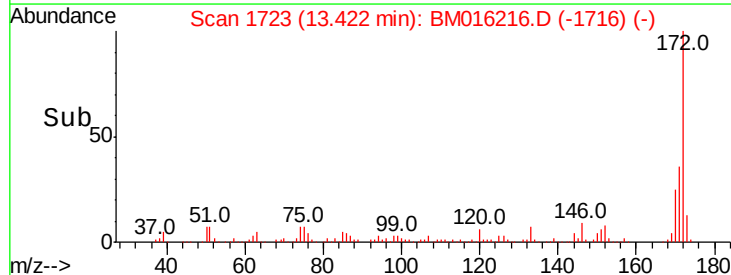
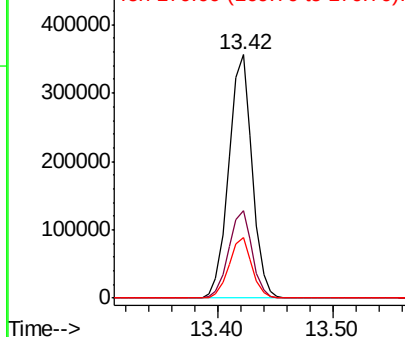


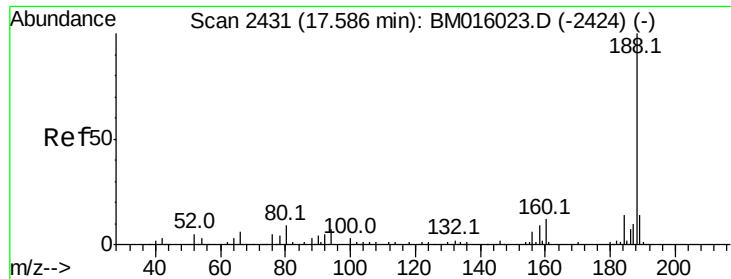
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016216.D
 Acq: 07 Aug 2018 06:50

Tgt Ion:172 Resp: 496805
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.6 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

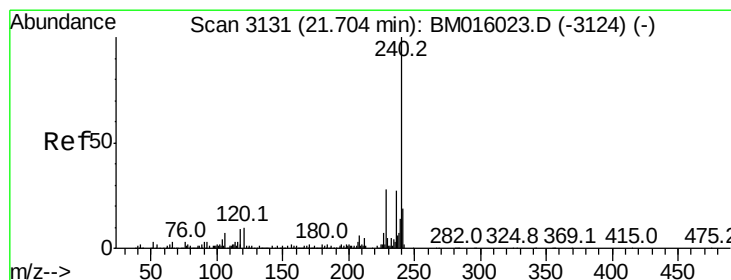
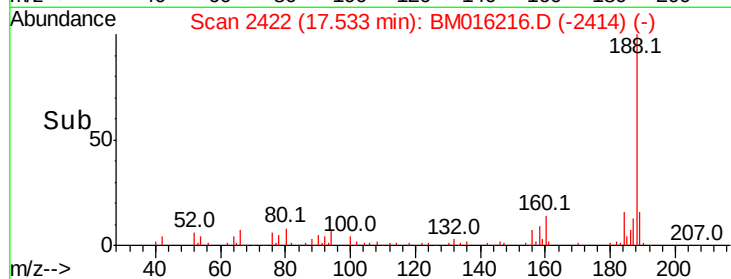
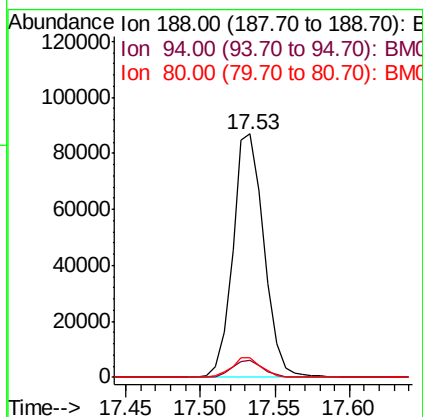
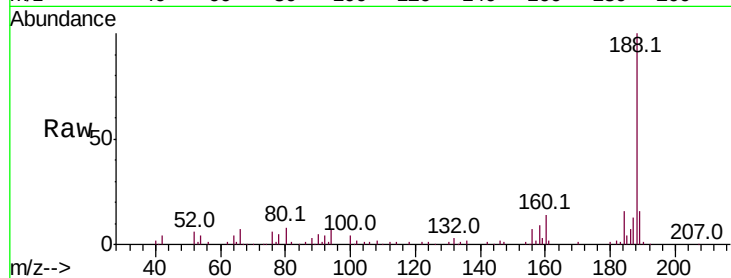




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2422
Delta R.T. -0.05 min
Lab File: BM016216.D
Acq: 07 Aug 2018 06:50

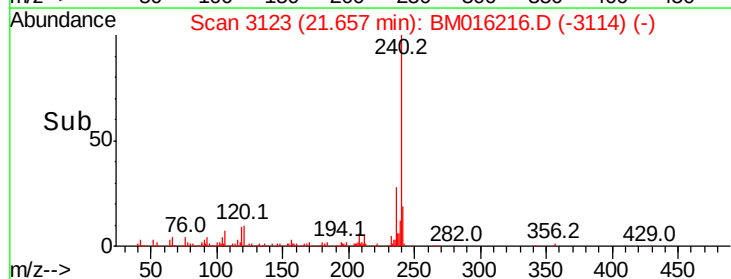
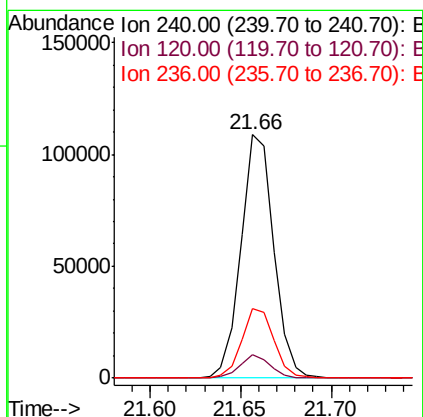
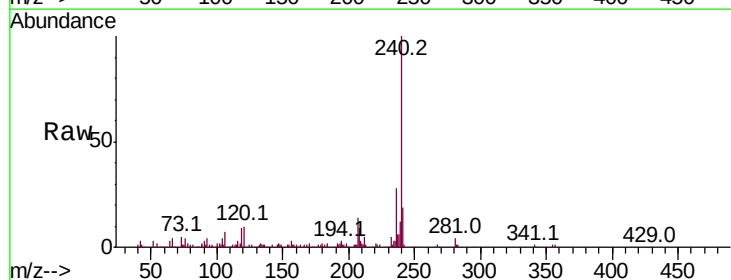
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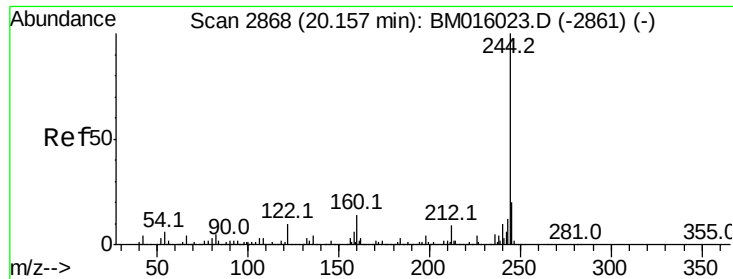
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	7.9	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3123
Delta R.T. -0.05 min
Lab File: BM016216.D
Acq: 07 Aug 2018 06:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	28.4	20.0	30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.11 min Scan# 2860

Delta R.T. -0.05 min

Lab File: BM016216.D

Acq: 07 Aug 2018 06:50

Instrument :

BNA_M

ClientSampleId :

080118-DBRI-E-D-S

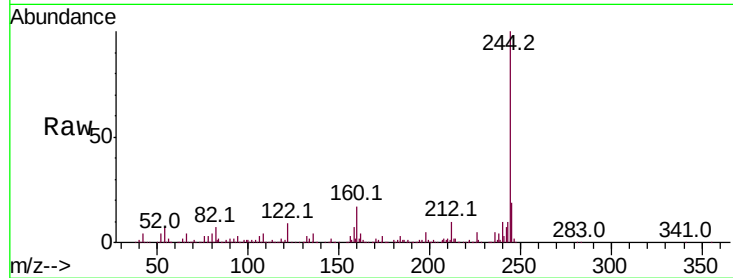
Tot Ion:244 Resp: 689695

Ion Ratio Lower Upper

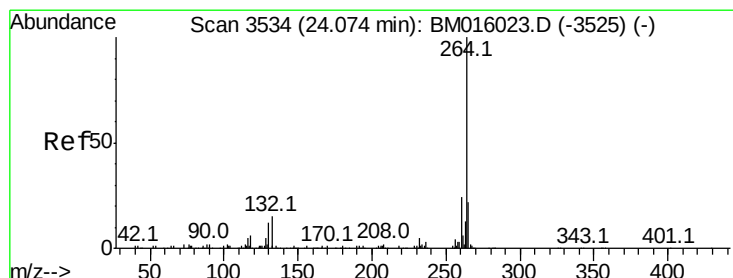
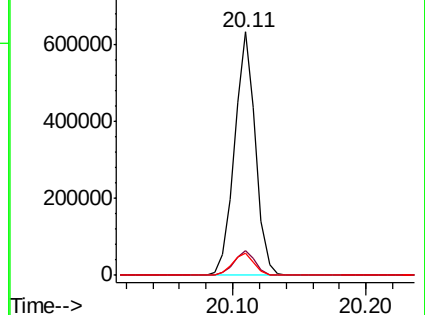
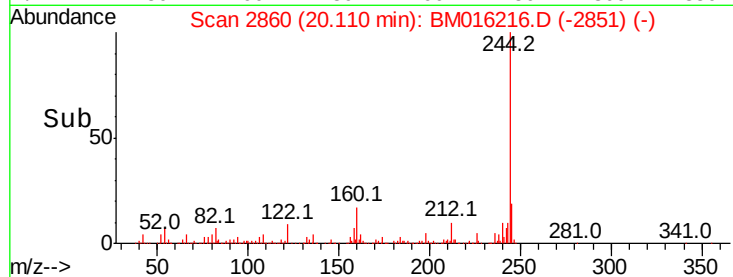
244 100

212 10.2 4.9 7.3#

122 8.9 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: 24.01 min Scan# 3523

Delta R.T. -0.06 min

Lab File: BM016216.D

Acq: 07 Aug 2018 06:50

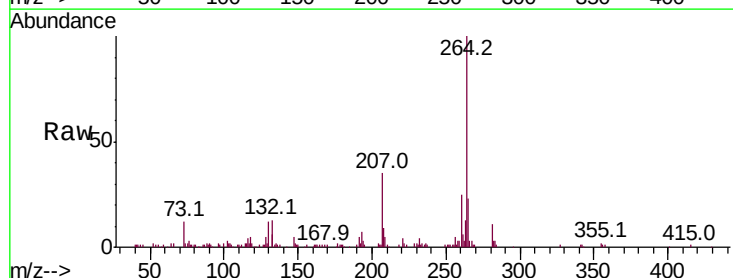
Tgt Ion:264 Resp: 146602

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 22.9 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

