

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016412.D
 Acq On : 16 Aug 2018 11:39
 Operator : SJ/JU
 Sample : J4471-27RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BED-ROCKRE

Quant Time: Aug 16 13:52:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

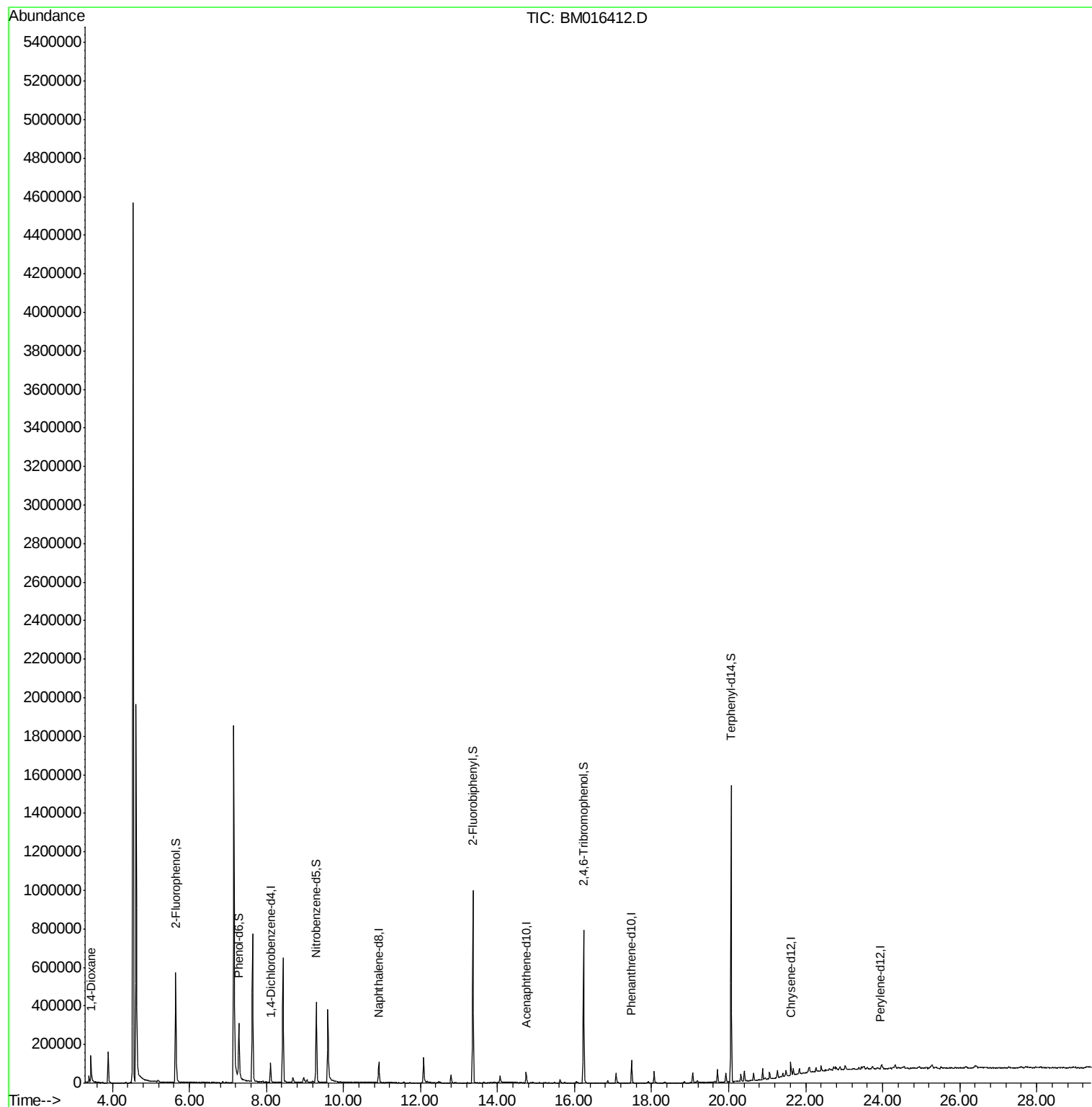
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19470	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	63934	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	12653	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	47170	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	16273	20.00	ng	0.00
86) Perylene-d12	23.94	264	918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	170967	145.86	ng	0.00
7) Phenol-d6	7.28	99	86982	56.83	ng	0.00
23) Nitrobenzene-d5	9.30	82	186521	135.69	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	67163	418.51	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	339353	326.33	ng	-0.01
78) Terphenyl-d14	20.06	244	354405	455.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	59773	108.843	ng	Qvalue # 100

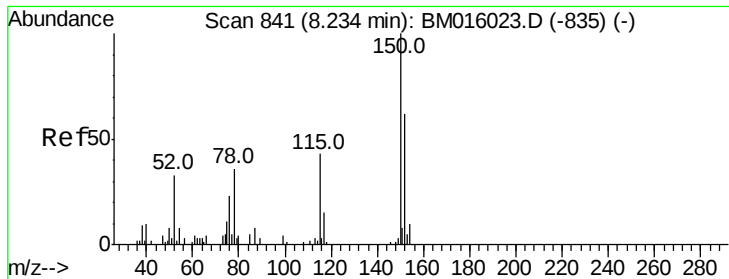
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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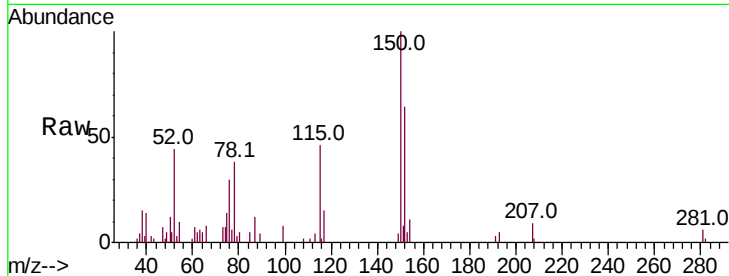


#1

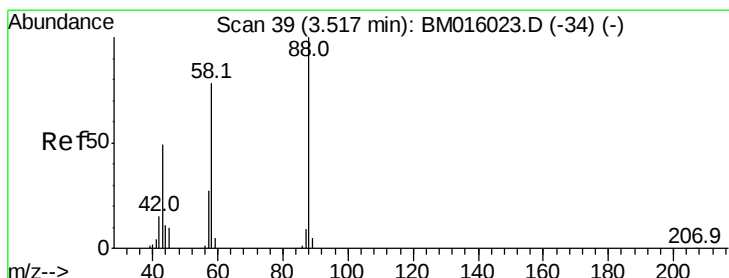
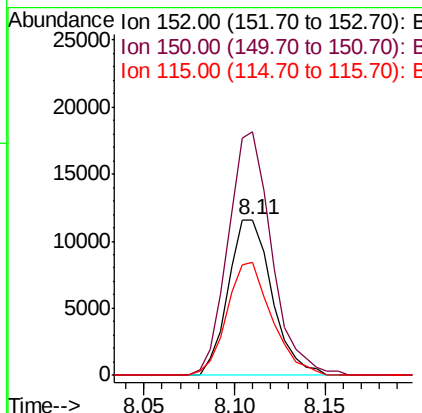
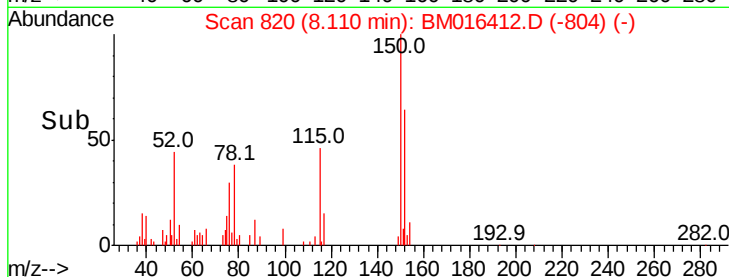
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Instrument :
BNA_M
ClientSampleId :
BED-ROCKRE

Tot Ion:152 Resp: 19470
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 72.4 43.0 64.4#



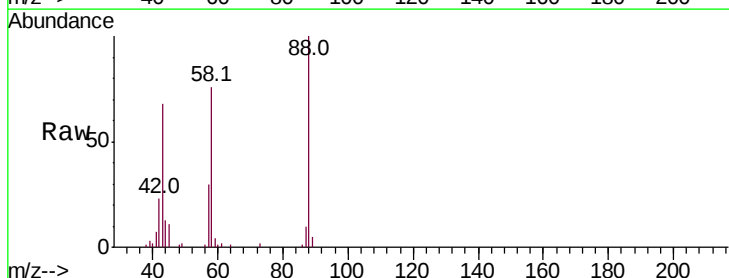
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



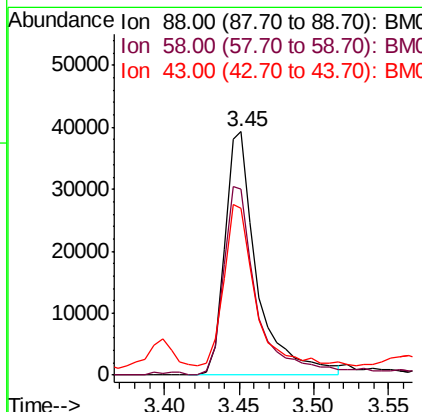
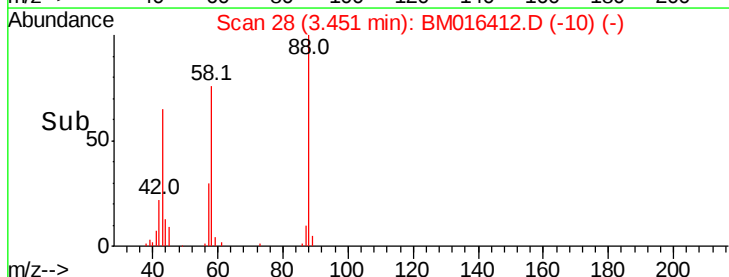
#2

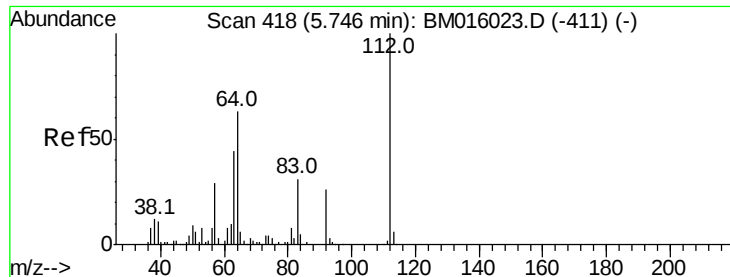
1,4-Dioxane
Concen: 108.843 ng
RT: 3.45 min Scan# 28
Delta R.T. 0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Tgt Ion: 88 Resp: 59773
Ion Ratio Lower Upper
88 100
58 79.0 0.0 0.0#
43 64.3 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: N.D. ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

Instrument :

BNA_M

ClientSampleId :

BED-ROCKRE

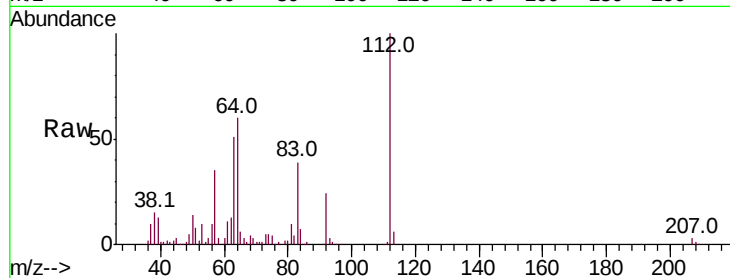
Tot Ion:112 Resp: 170967

Ion Ratio Lower Upper

112 100

64 60.0 38.6 57.8#

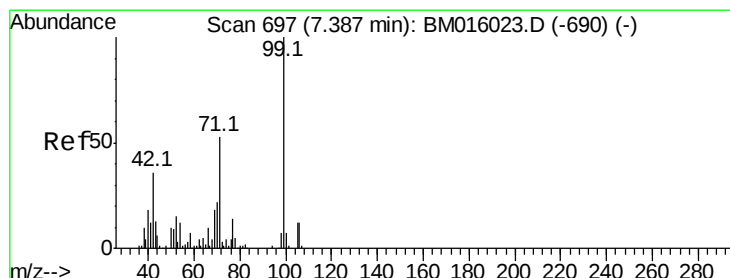
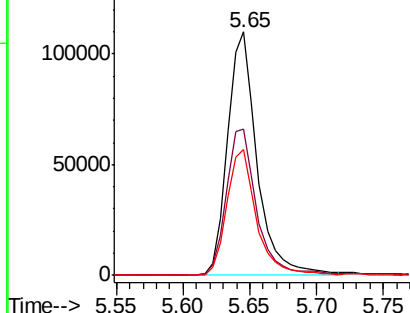
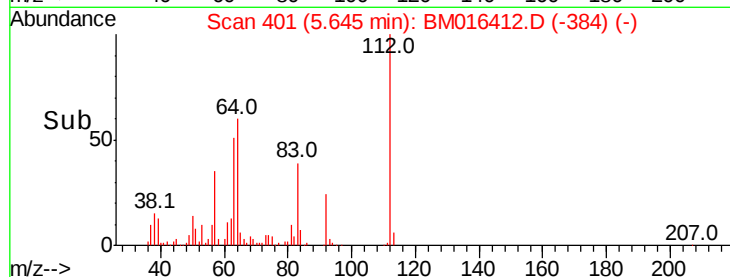
63 51.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: N.D. ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

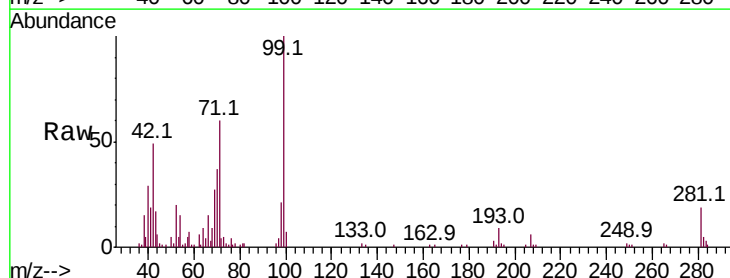
Tgt Ion: 99 Resp: 86982

Ion Ratio Lower Upper

99 100

42 48.7 11.0 16.4#

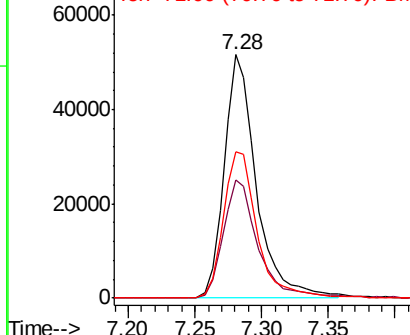
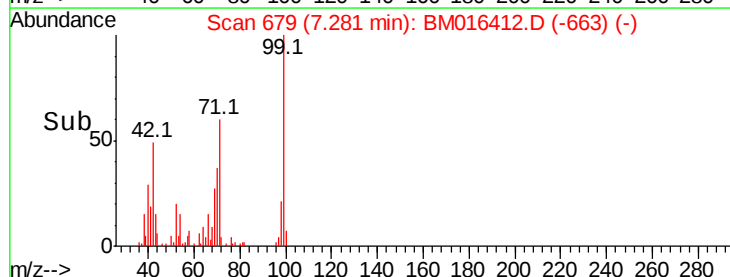
71 60.1 23.4 35.2#

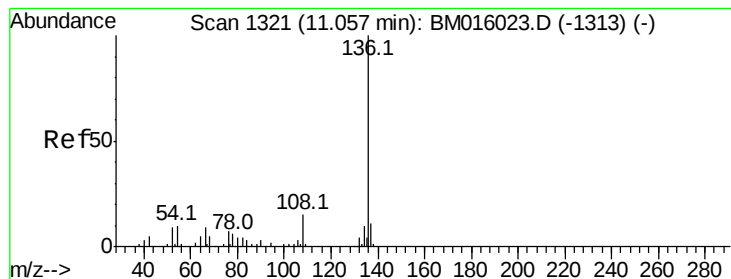


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

Instrument :

BNA_M

ClientSampleId :

BED-ROCKRE

Tot Ion:136 Resp: 63934

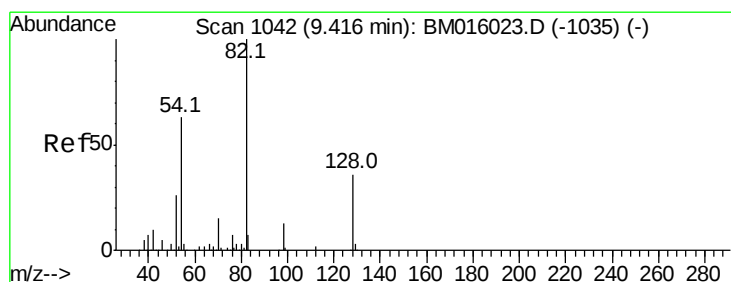
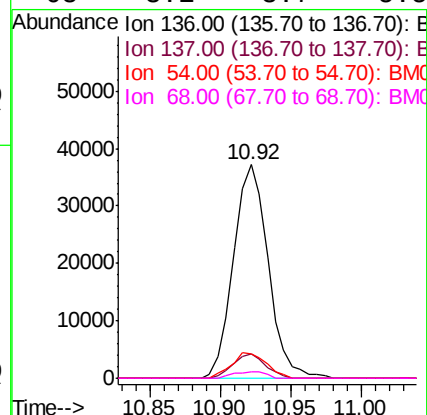
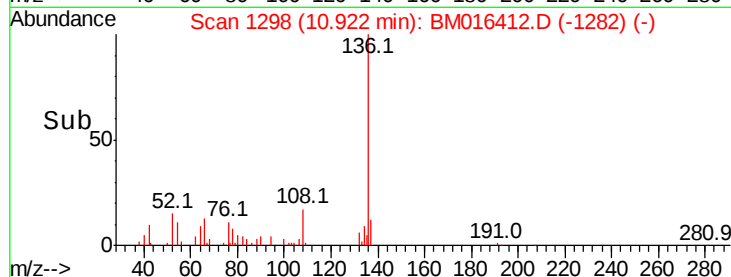
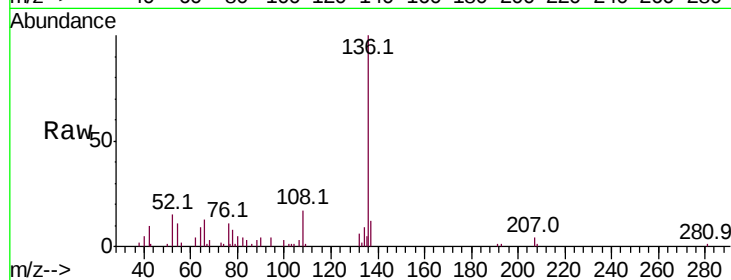
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 11.2 4.6 6.8#

68 3.1 3.7 5.5#



#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.30 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

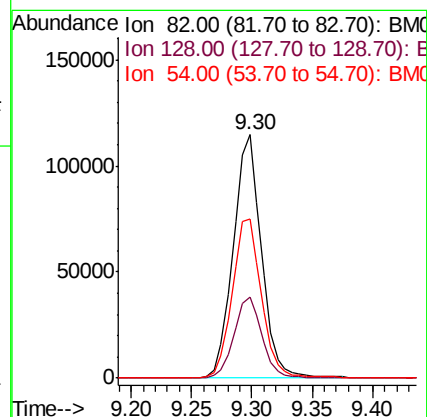
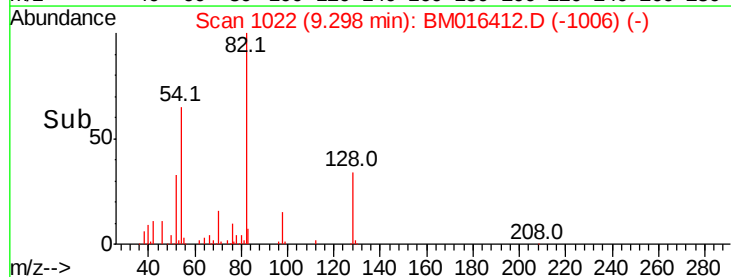
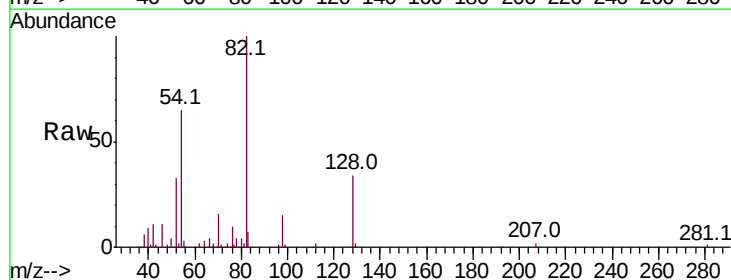
Tgt Ion: 82 Resp: 186521

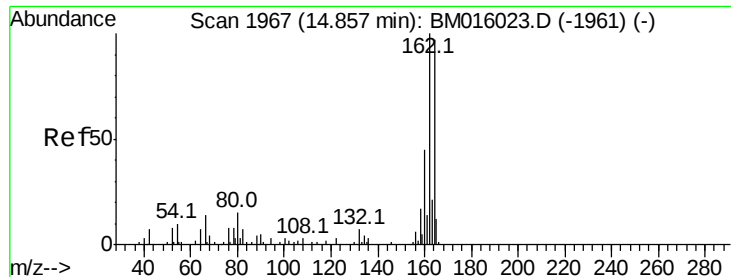
Ion Ratio Lower Upper

82 100

128 33.6 32.8 49.2

54 65.3 40.6 60.8#

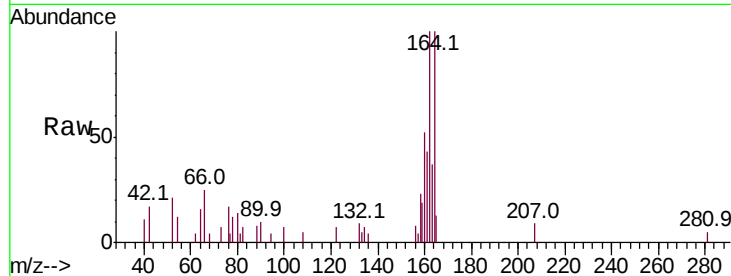




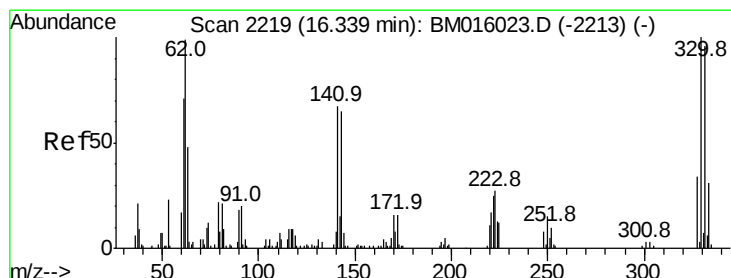
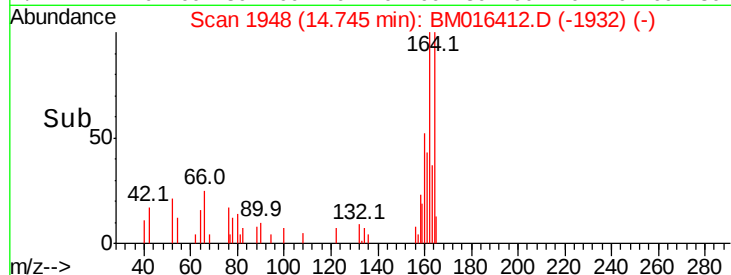
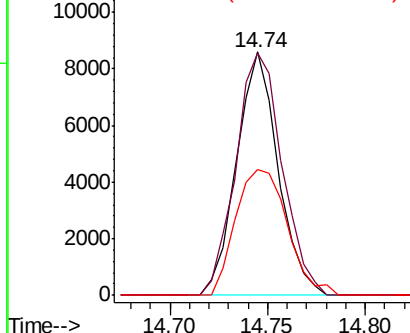
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Instrument :
BNA_M
ClientSampleId :
BED-ROCKRE

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	51.8	35.8	53.6

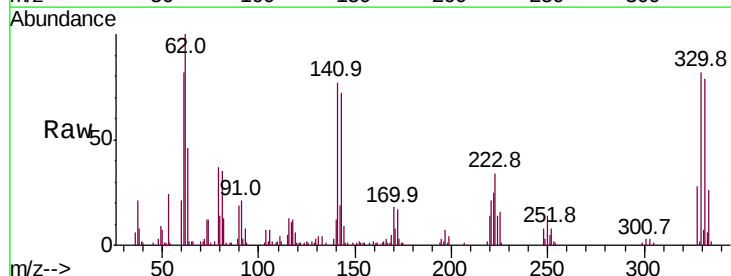


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

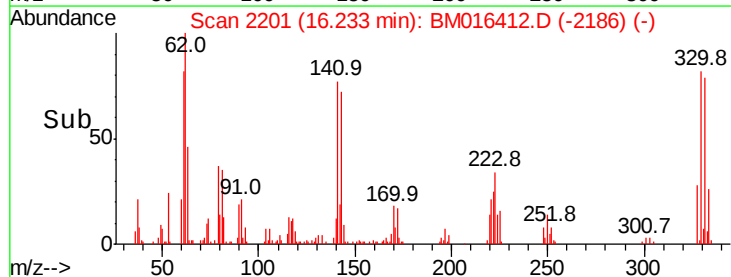
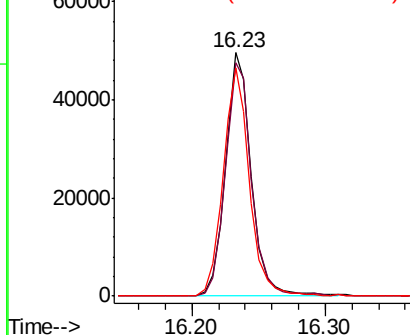


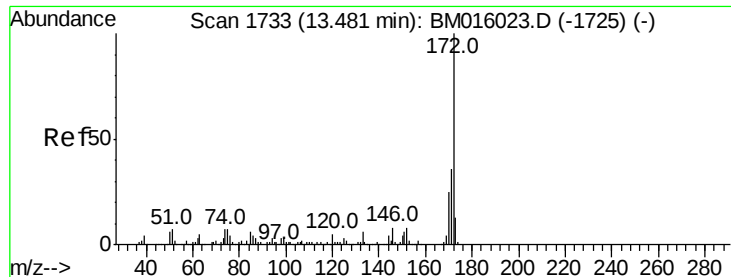
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.23 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	95.0	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

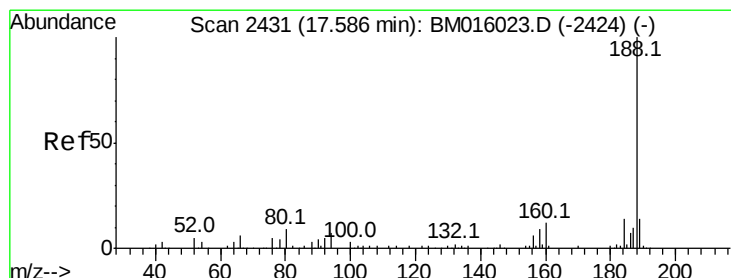
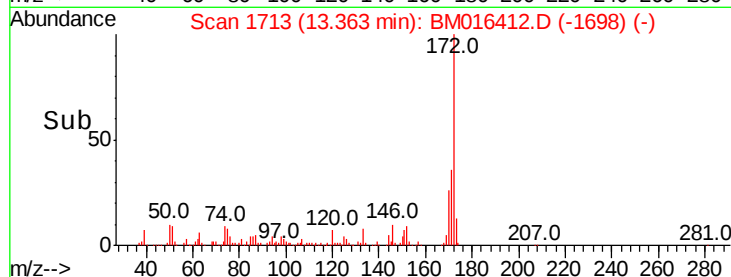
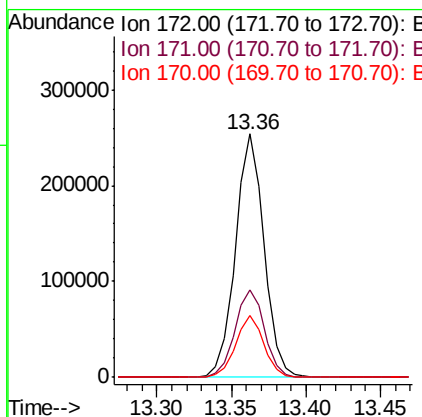
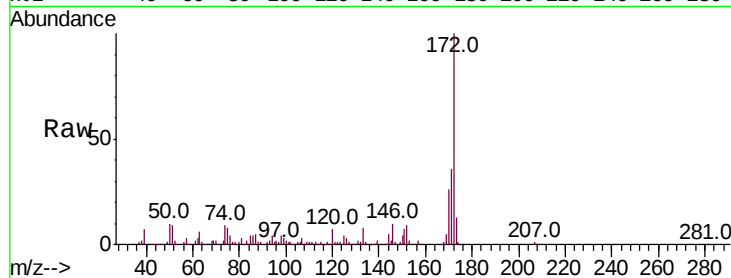




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

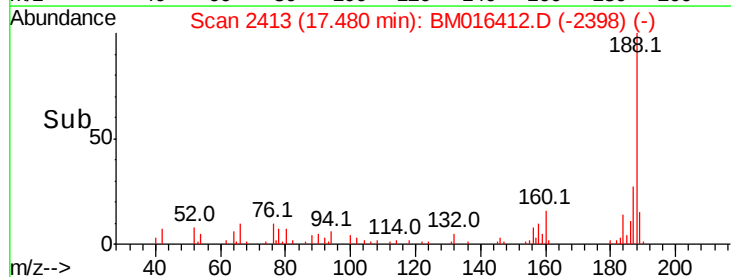
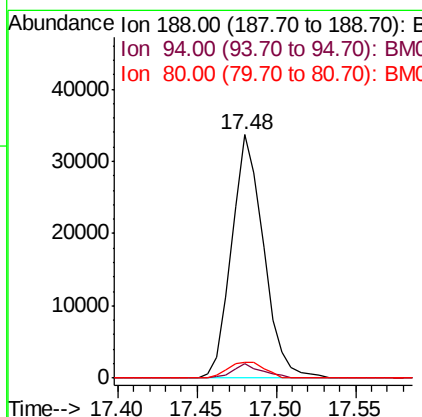
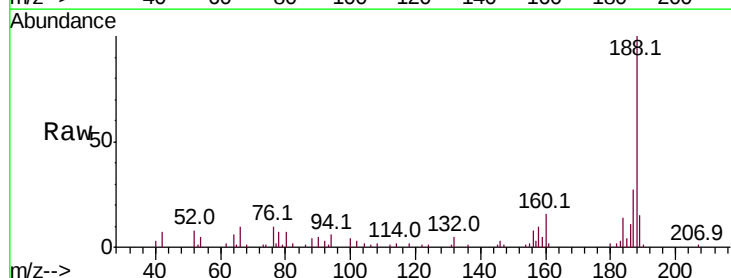
Instrument :
BNA_M
ClientSampleId :
BED-ROCKRE

Tot Ion:172 Resp: 339353
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 25.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Tgt Ion:188 Resp: 47170
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 6.6 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

Instrument :

BNA_M

ClientSampleId :

BED-ROCKRE

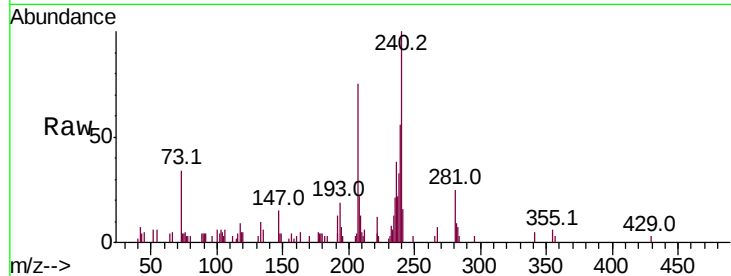
Tot Ion:240 Resp: 16273

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

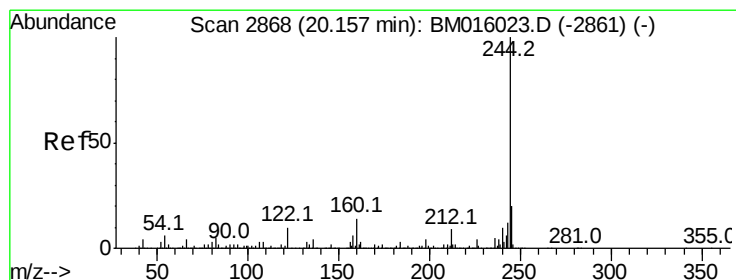
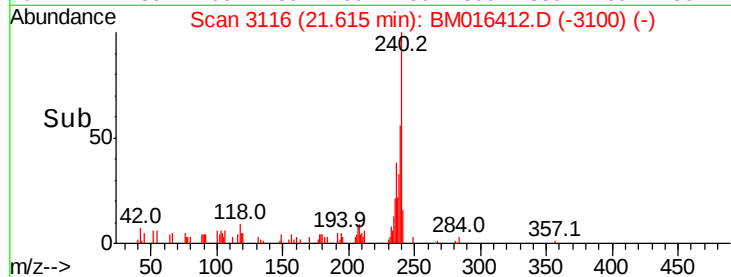
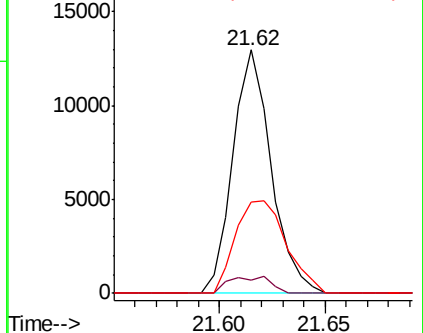
236 37.7 20.0 30.0#



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: N.D. ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

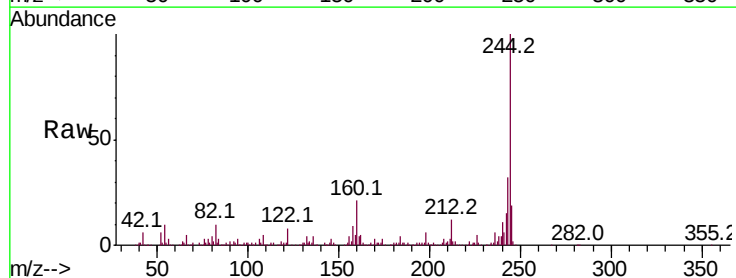
Tgt Ion:244 Resp: 354405

Ion Ratio Lower Upper

244 100

212 12.0 4.9 7.3#

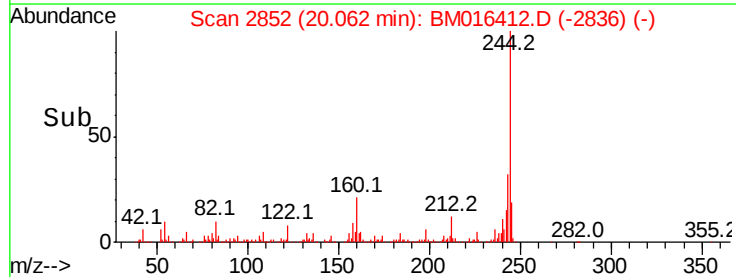
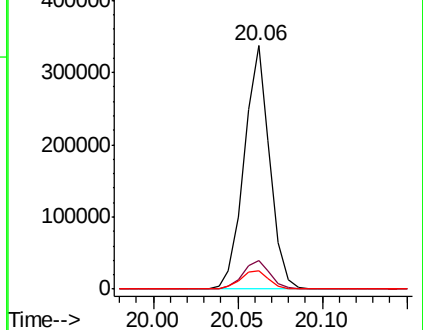
122 7.6 6.2 9.4

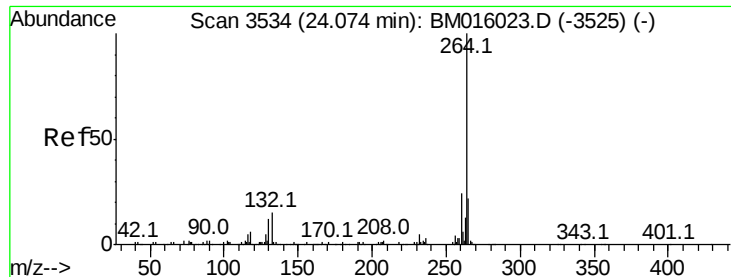


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

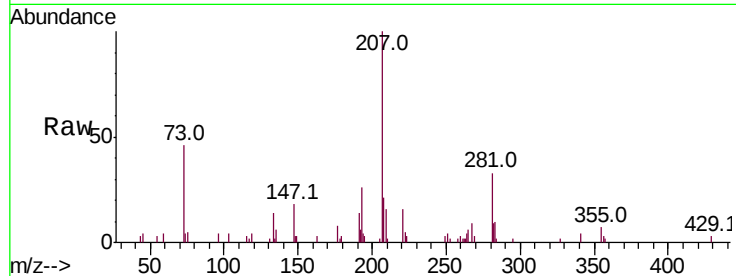




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. -0.00 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Instrument :
BNA_M
ClientSampleId :
BED-ROCKRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	84.1	18.6	27.8#
265	165.8	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

