

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
 Data File : BM016676.D
 Acq On : 05 Sep 2018 17:54
 Operator : SJ/JU
 Sample : J4781-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BS-STONES

Quant Time: Sep 06 04:01:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

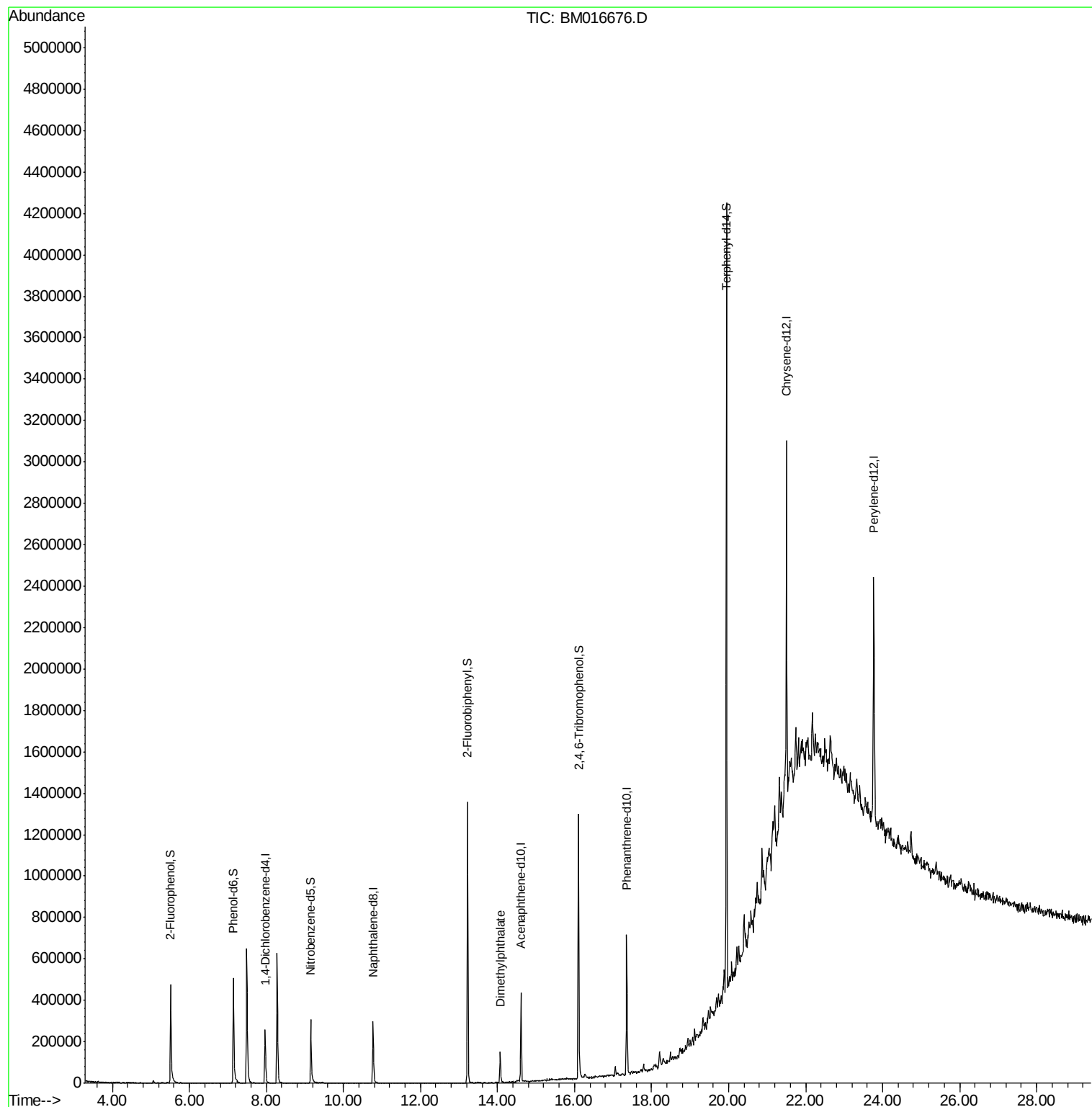
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	54993	20.00	ng	-0.04
21) Naphthalene-d8	10.77	136	184099	20.00	ng	-0.04
38) Acenaphthene-d10	14.61	164	114857	20.00	ng	-0.04
63) Phenanthrene-d10	17.35	188	372384	20.00	ng	-0.04
75) Chrysene-d12	21.50	240	739140	20.00	ng	-0.03
86) Perylene-d12	23.77	264	909454	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	169268	60.32	ng	-0.03
7) Phenol-d6	7.15	99	214597	57.79	ng	-0.04
23) Nitrobenzene-d5	9.15	82	199278	49.42	ng	-0.04
41) 2,4,6-Tribromophenol	16.10	330	205550	64.02	ng	-0.04
44) 2-Fluorobiphenyl	13.22	172	547137	45.79	ng	-0.04
78) Terphenyl-d14	19.94	244	1540492	44.11	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.07	163	93077	8.435	ng	Qvalue # 95

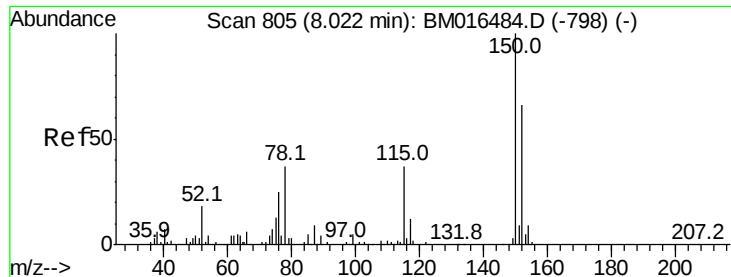
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration



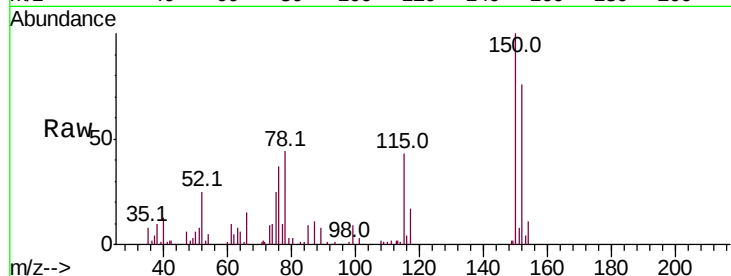


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BM016676.D
 Acq: 05 Sep 2018 17:54

Instrument :
 BNA_M
 ClientSampleId :
 BS-STONES

Tot Ion	Ratio	Lower	Upper
152	100		
150	132.1	119.5	179.3
115	57.2	43.0	64.4

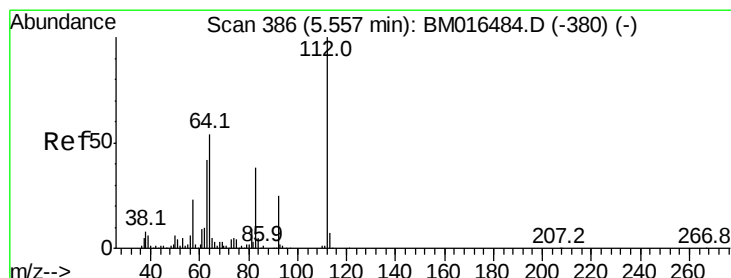
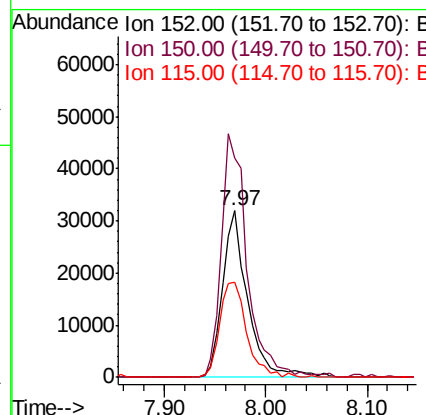
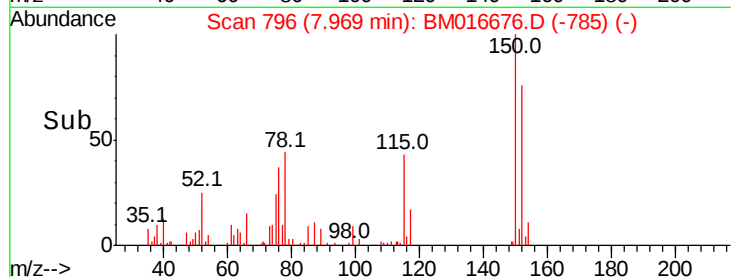


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

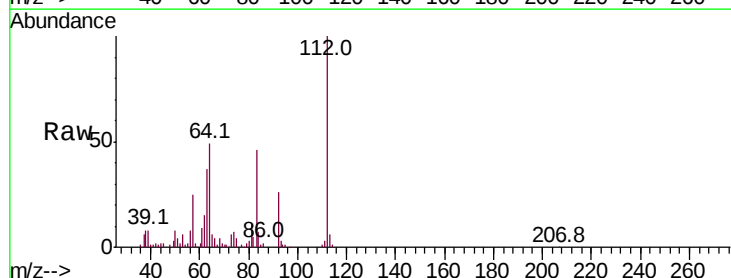
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 60.316 ng
 RT: 5.52 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: BM016676.D
 Acq: 05 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	38.6	57.8
63	36.8	19.3	28.9

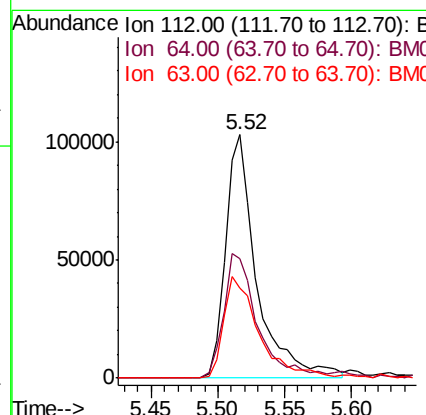
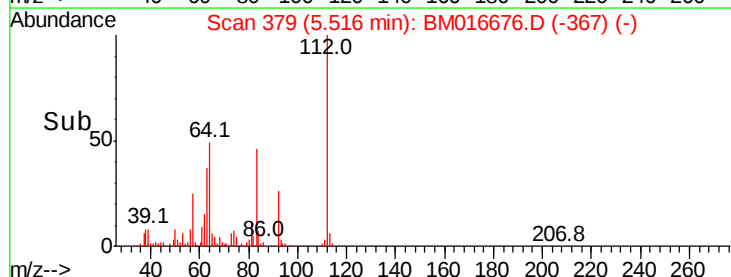


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 57.787 ng

RT: 7.15 min Scan# 656

Delta R.T. -0.04 min

Lab File: BM016676.D

Acq: 05 Sep 2018 17:54

Instrument :

BNA_M

ClientSampleId :

BS-STONES

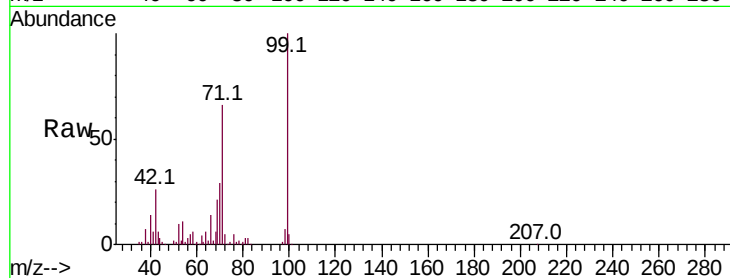
Tot Ion: 99 Resp: 214597

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

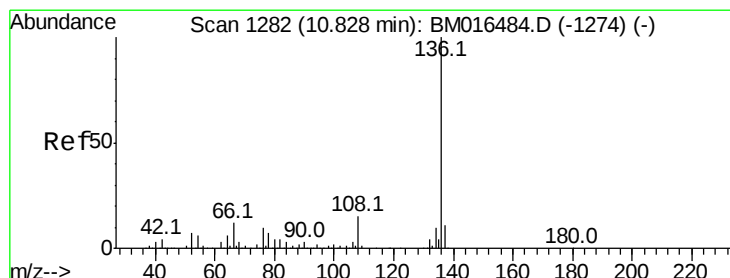
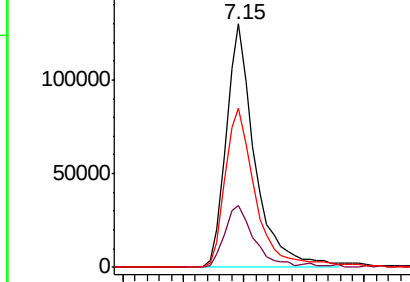
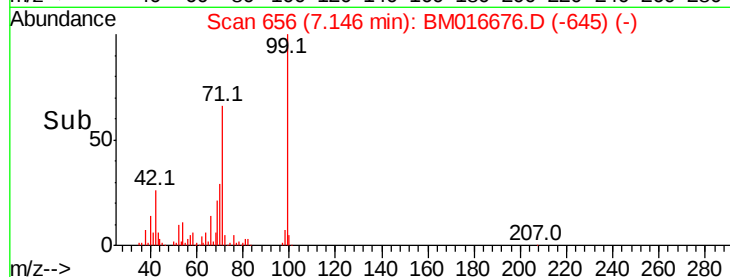
71 65.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016676.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016676.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016676.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BM016676.D

Acq: 05 Sep 2018 17:54

Tgt Ion: 136 Resp: 184099

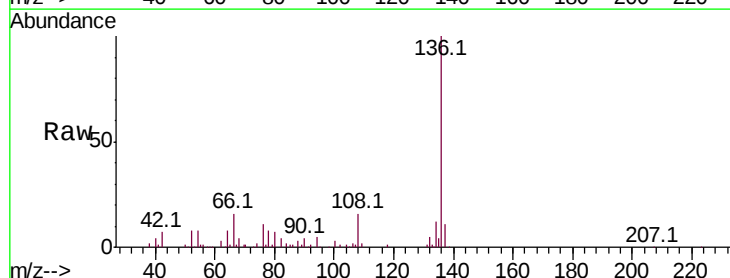
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 4.6 6.8#

68 4.4 3.7 5.5

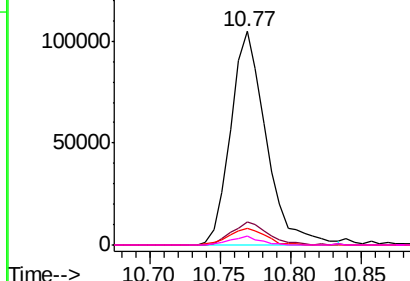
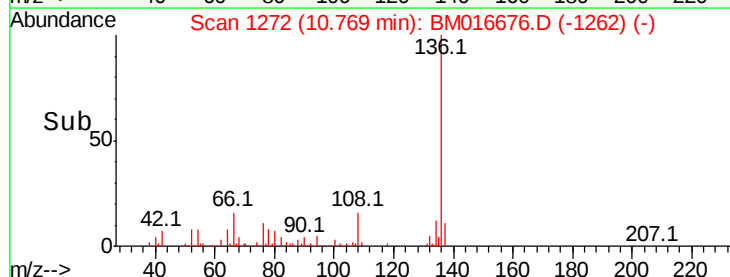


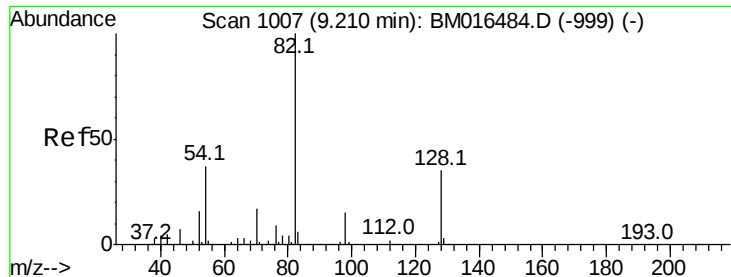
Abundance Ion 136.00 (135.70 to 136.70): BM016676.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016676.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016676.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016676.D (-1262) (-)

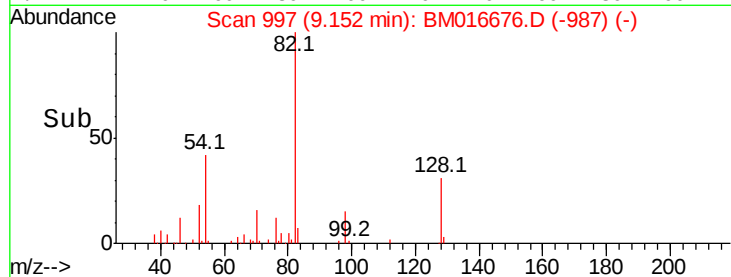
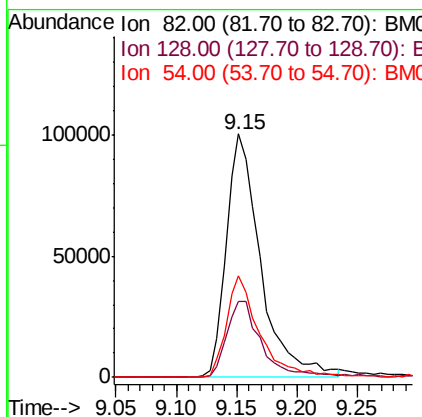
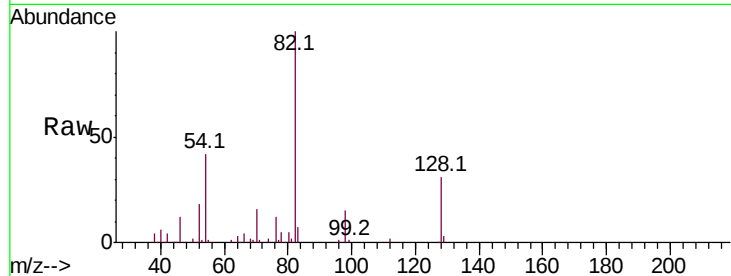




#23
 Nitrobenzene-d5
 Concen: 49.424 ng
 RT: 9.15 min Scan# 997
 Delta R.T. -0.04 min
 Lab File: BM016676.D
 Acq: 05 Sep 2018 17:54

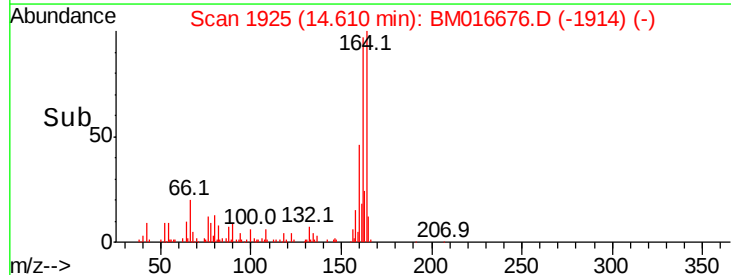
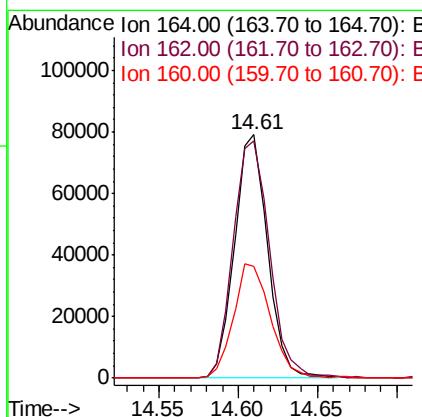
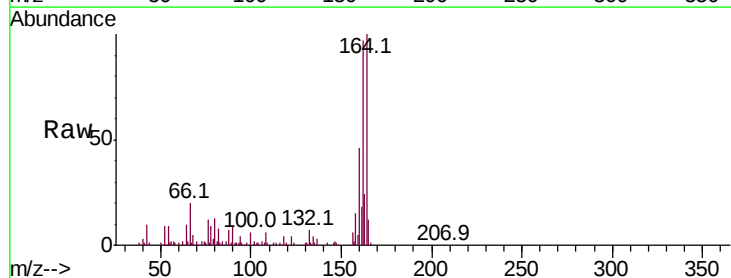
Instrument :
 BNA_M
 ClientSampleId :
 BS-STONES

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.0	32.8	49.2#
54	41.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 1925
 Delta R.T. -0.04 min
 Lab File: BM016676.D
 Acq: 05 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.4	123.6
160	45.7	35.8	53.6

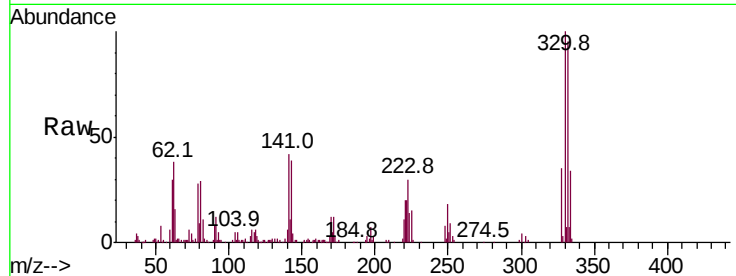




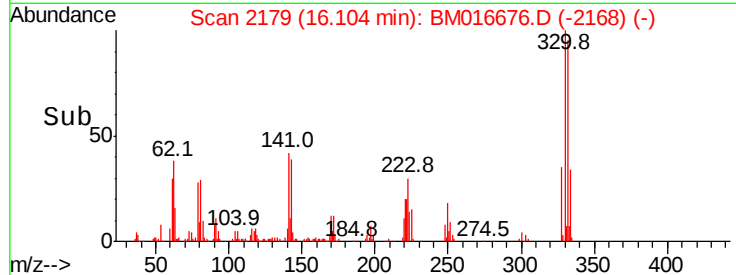
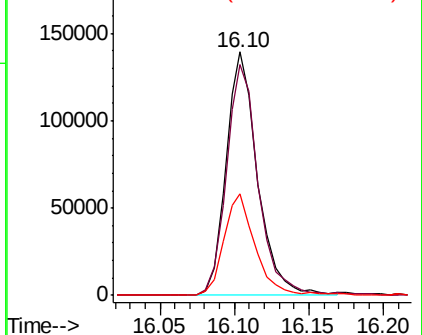
#41
 2,4,6-Tribromophenol
 Concen: 64.020 ng
 RT: 16.10 min Scan# 2179
 Delta R.T. -0.04 min
 Lab File: BM016676.D
 Acq: 05 Sep 2018 17:54

Instrument :
 BNA_M
 ClientSampleId :
 BS-STONES

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	42.0	0.0	0.0#

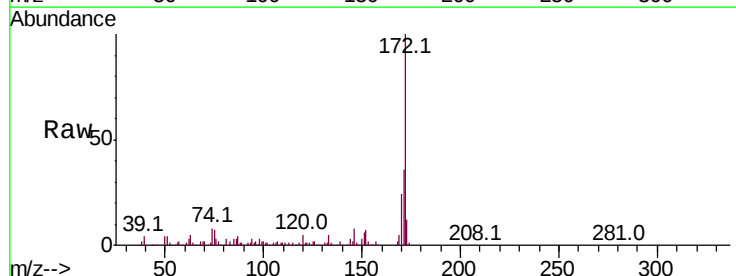


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

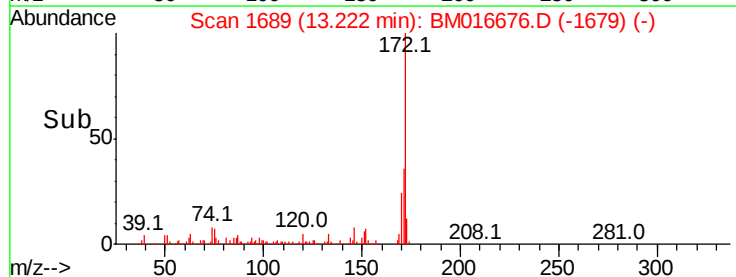
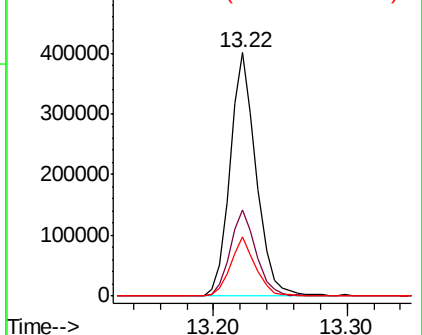


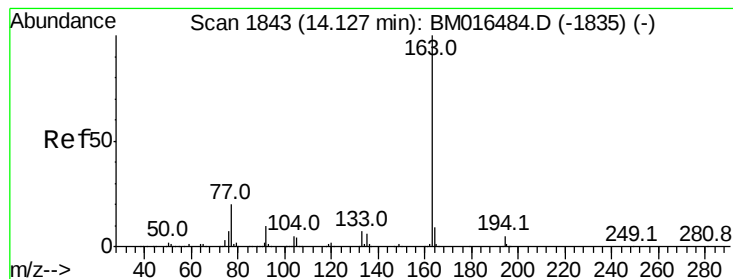
#44
 2-Fluorobiphenyl
 Concen: 45.789 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. -0.04 min
 Lab File: BM016676.D
 Acq: 05 Sep 2018 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.1	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





#49

Dimethylphthalate

Concen: 8.435 ng

RT: 14.07 min Scan# 1834

Delta R.T. -0.04 min

Lab File: BM016676.D

Acq: 05 Sep 2018 17:54

Instrument :

BNA_M

ClientSampleId :

BS-STONES

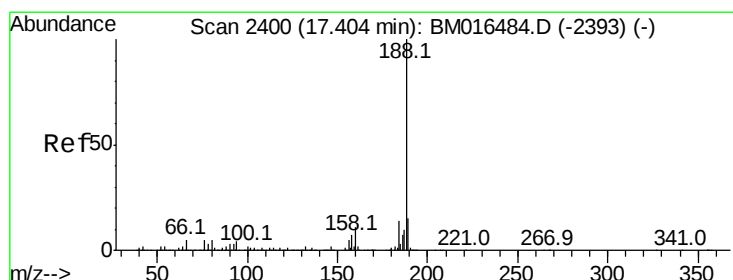
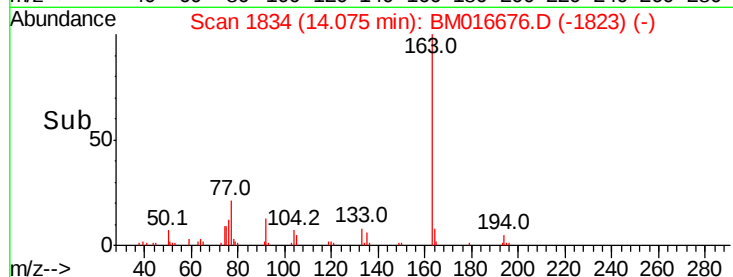
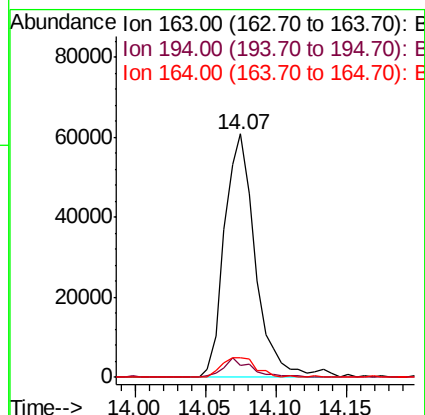
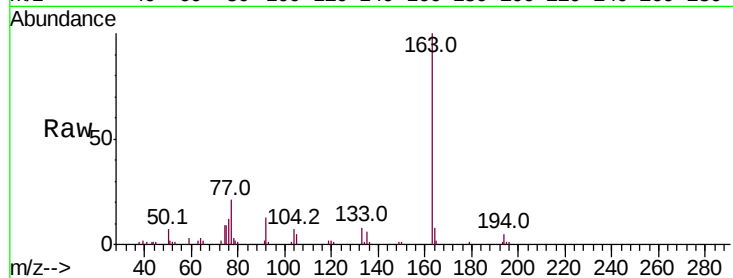
Tot Ion:163 Resp: 93077

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

164 8.1 8.2 12.2#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2391

Delta R.T. -0.04 min

Lab File: BM016676.D

Acq: 05 Sep 2018 17:54

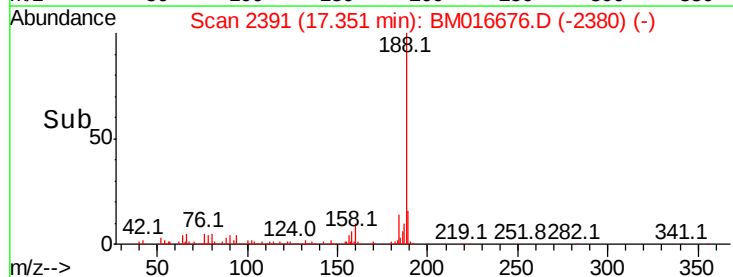
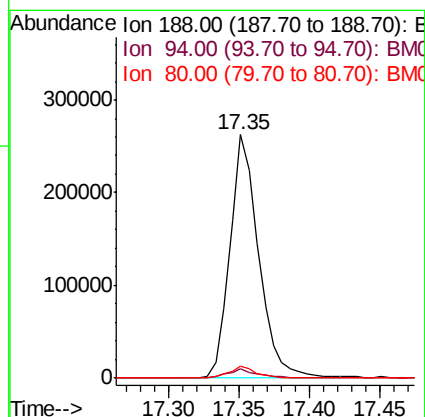
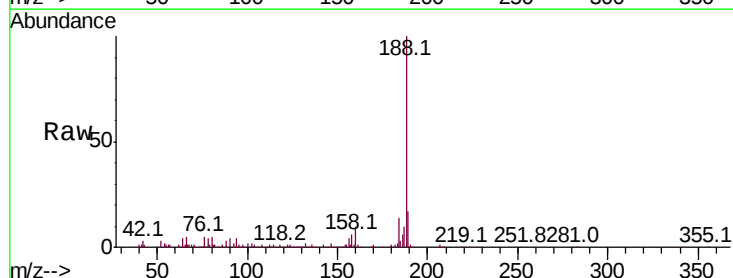
Tgt Ion:188 Resp: 372384

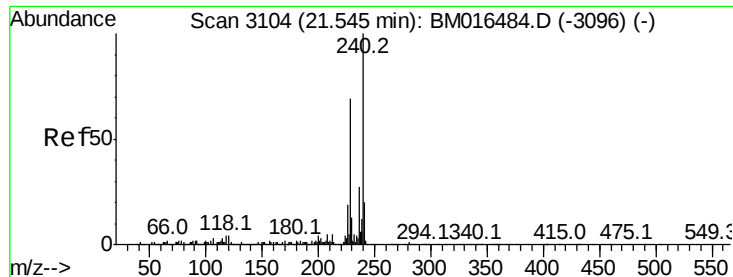
Ion Ratio Lower Upper

188 100

94 3.9 8.7 13.1#

80 4.7 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3097

Delta R.T. -0.03 min

Lab File: BM016676.D

Acq: 05 Sep 2018 17:54

Instrument :

BNA_M

ClientSampled :

BS-STONES

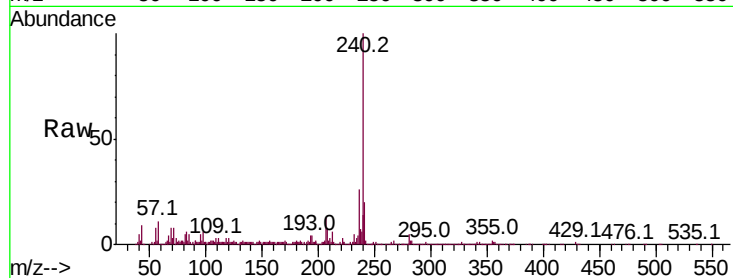
Tot Ion:240 Resp: 739140

Ion Ratio Lower Upper

240 100

120 3.3 8.2 12.2#

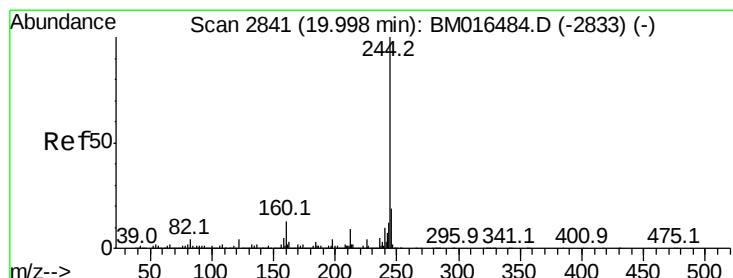
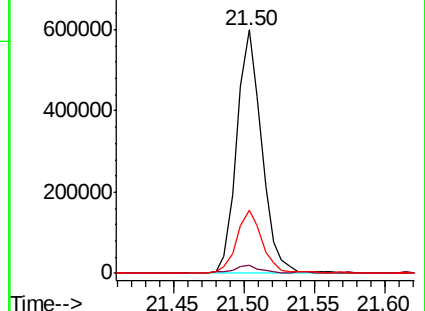
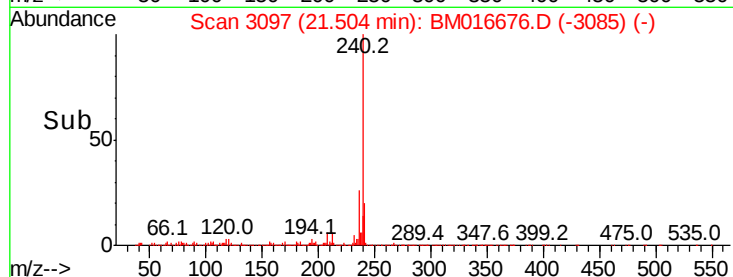
236 25.8 20.0 30.0



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: 44.113 ng

RT: 19.94 min Scan# 2832

Delta R.T. -0.04 min

Lab File: BM016676.D

Acq: 05 Sep 2018 17:54

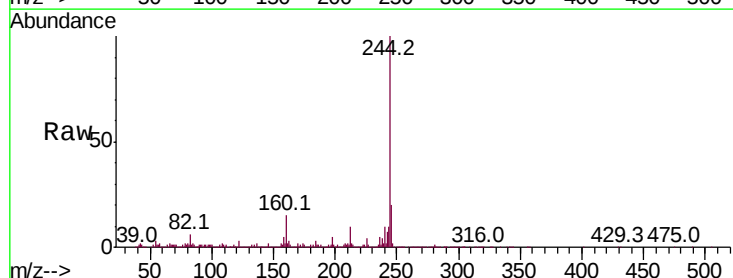
Tgt Ion:244 Resp: 1540492

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

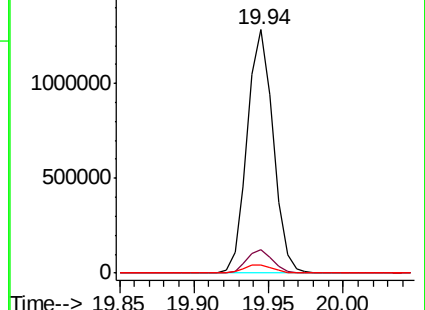
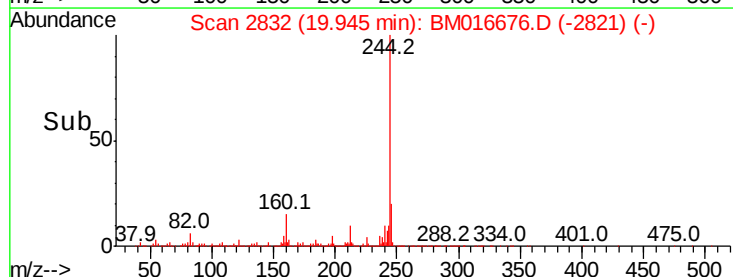
122 3.5 6.2 9.4#

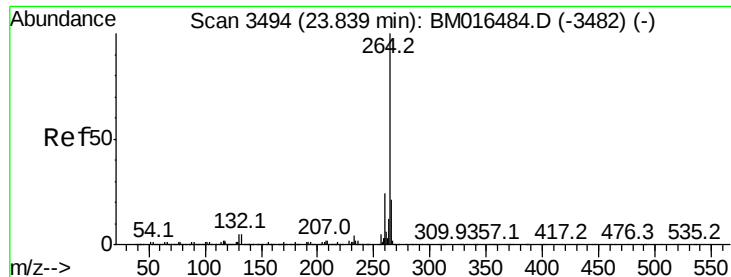


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.77 min Scan# 3482
Delta R.T. -0.05 min
Lab File: BM016676.D
Acq: 05 Sep 2018 17:54

Instrument :
BNA_M
ClientSampleId :
BS-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.6	27.8
265	23.5	17.3	25.9

