

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015487.D
 Acq On : 06 Jun 2018 13:46
 Operator : SJ/JU
 Sample : J3276-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ES-STONE

Quant Time: Jun 06 14:54:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 06 14:01:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	139862	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	523627	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	264458	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	608655	20.00	ng	0.00
75) Chrysene-d12	21.80	240	627777	20.00	ng	0.00
86) Perylene-d12	24.22	264	655127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1142763	138.98	ng	0.00
7) Phenol-d6	7.50	99	1355609	109.08	ng	0.00
23) Nitrobenzene-d5	9.55	82	1049974	109.07	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	603415	158.77	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2124341	107.85	ng	0.00
78) Terphenyl-d14	20.25	244	3450566	126.87	ng	0.00

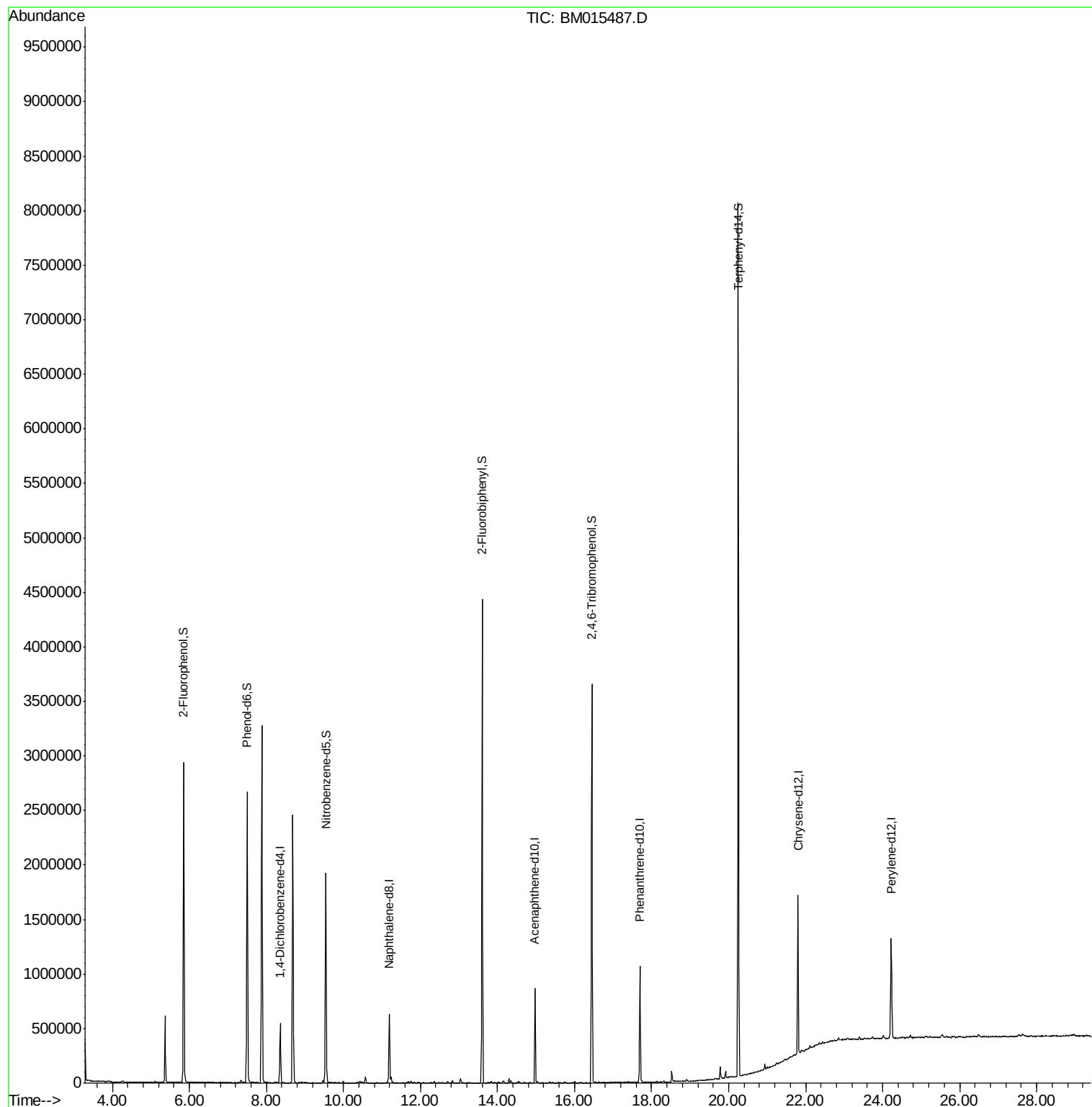
Target Compounds Qvalue

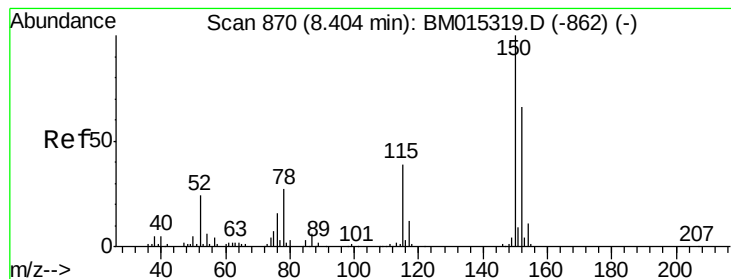
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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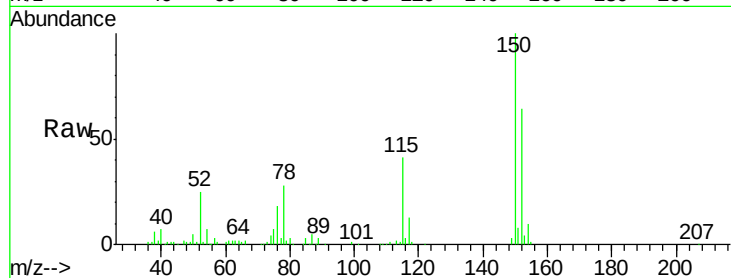


#1

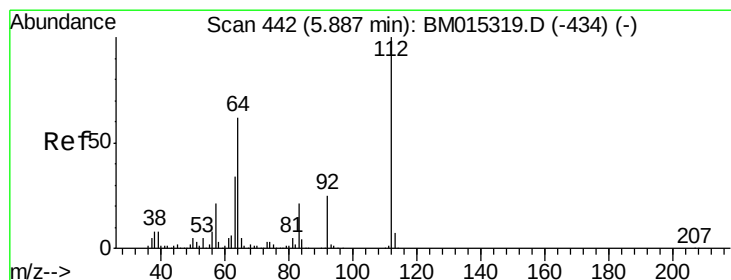
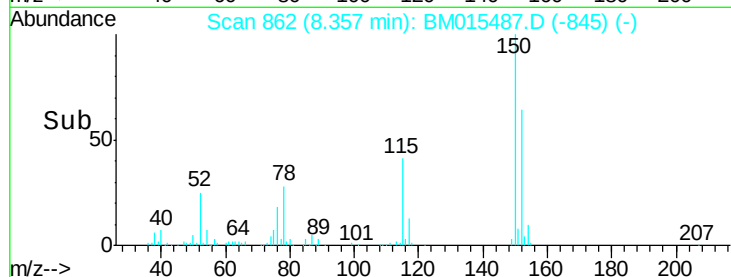
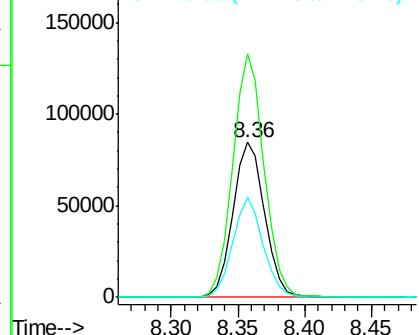
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015487.D
Acq: 06 Jun 2018 13:46

Instrument :
BNA_M
ClientSampleId :
ES-STONE

Tot Ion:152 Resp: 139862
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 64.4 43.0 64.4



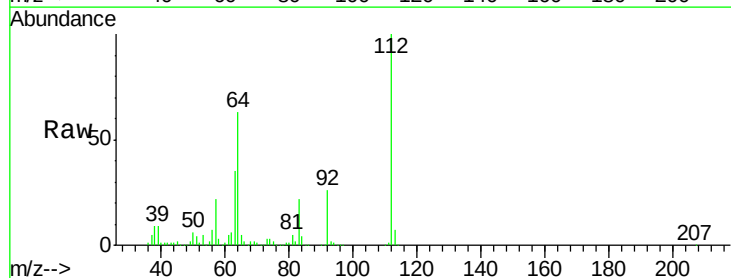
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



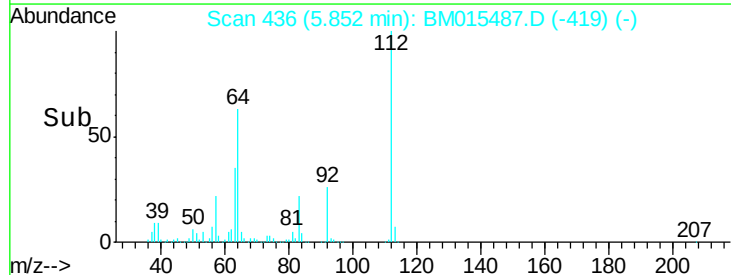
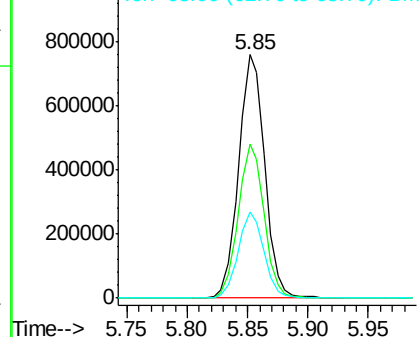
#5

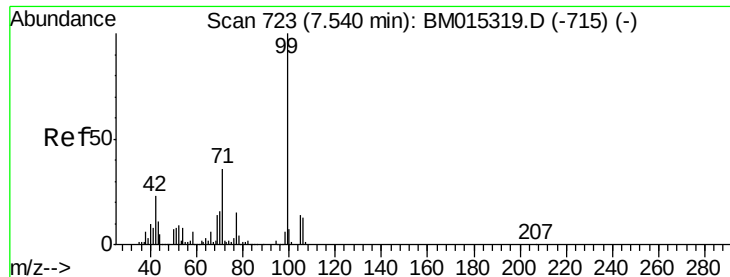
2-Fluorophenol
Concen: 138.984 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015487.D
Acq: 06 Jun 2018 13:46

Tgt Ion:112 Resp: 1142763
Ion Ratio Lower Upper
112 100
64 63.3 38.6 57.8#
63 35.2 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: 109.081 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015487.D

Acq: 06 Jun 2018 13:46

Instrument :

BNA_M

ClientSampled :

ES-STONE

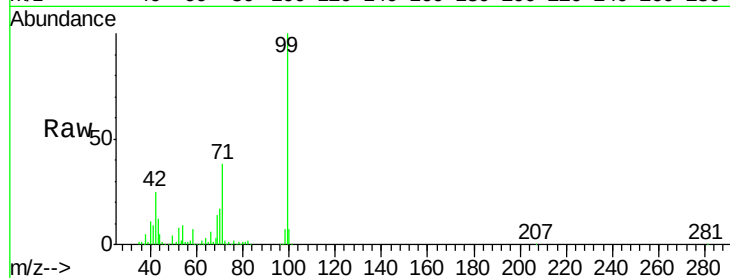
Tot Ion: 99 Resp: 1355609

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

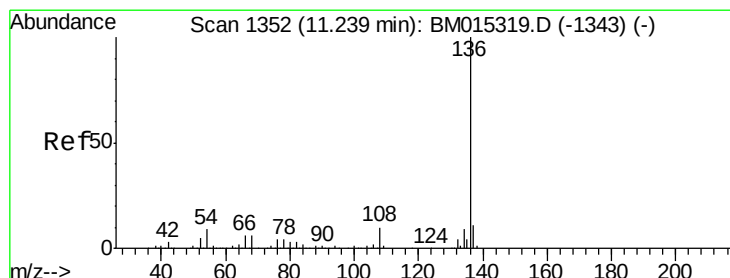
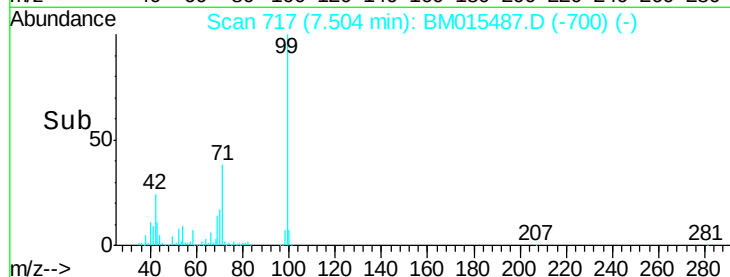
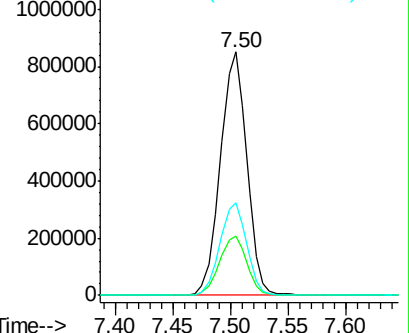
71 37.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015319.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015319.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015319.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM015487.D

Acq: 06 Jun 2018 13:46

Tgt Ion: 136 Resp: 523627

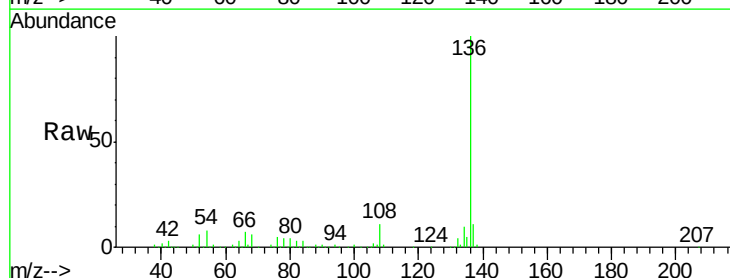
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.4 4.6 6.8#

68 5.7 3.7 5.5#

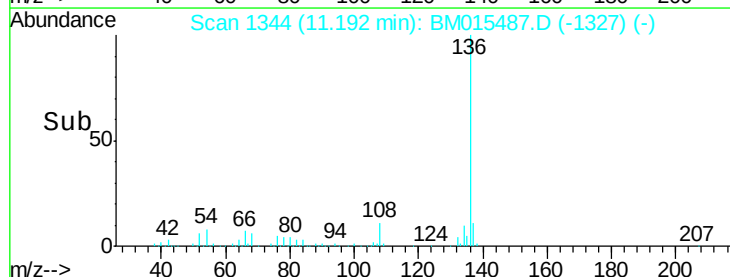
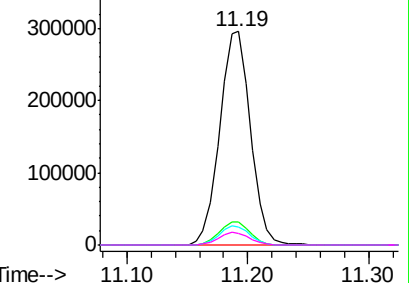


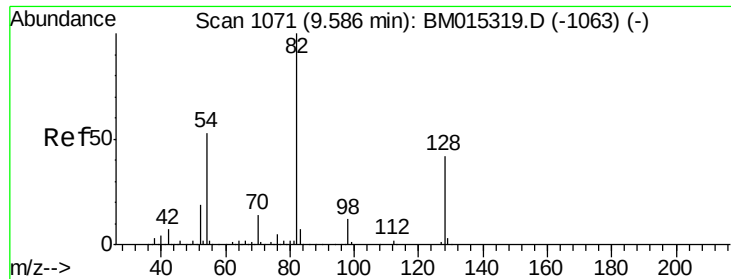
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

Ion 137.00 (136.70 to 137.70): BM015319.D (-1343) (-)

Ion 54.00 (53.70 to 54.70): BM015319.D (-1343) (-)

Ion 68.00 (67.70 to 68.70): BM015319.D (-1343) (-)



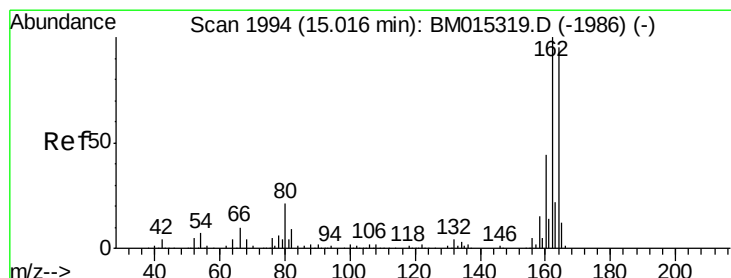
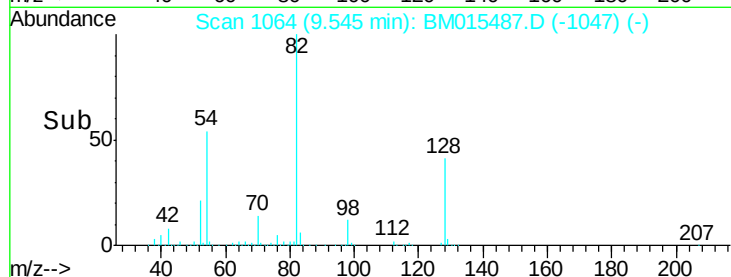
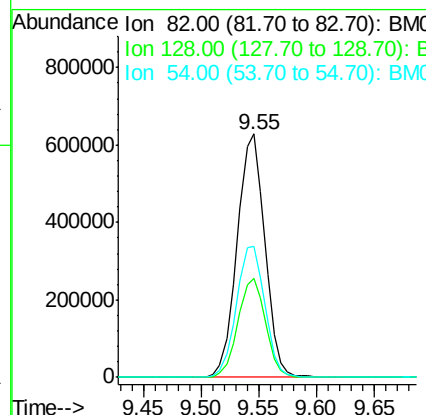
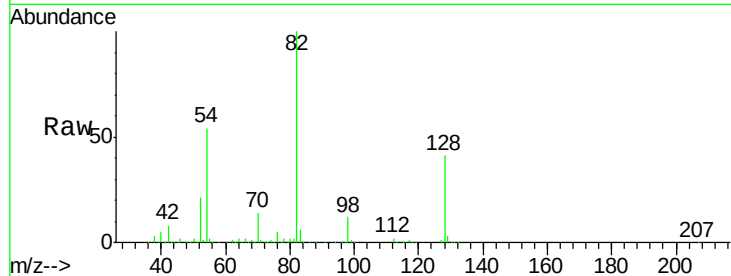


#23
 Nitrobenzene-d5
 Concen: 109.069 ng
 RT: 9.55 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BM015487.D
 Acq: 06 Jun 2018 13:46

Instrument :
 BNA_M
 ClientSampleId :
 ES-STONE

Tot Ion: 82 Resp: 1049974

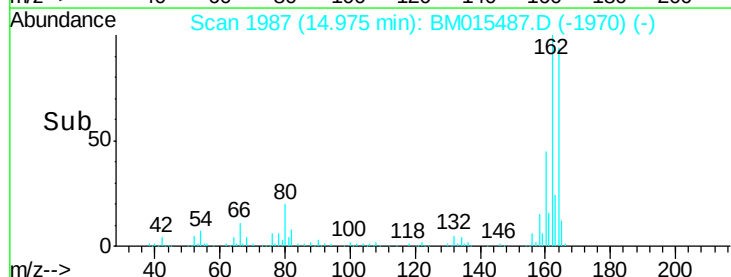
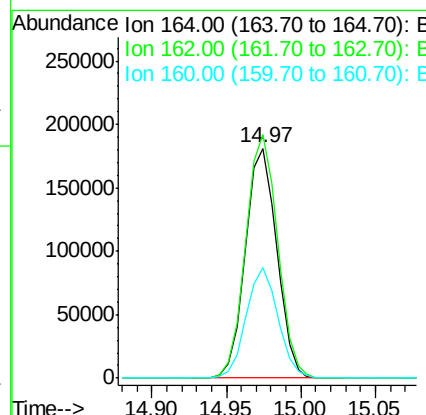
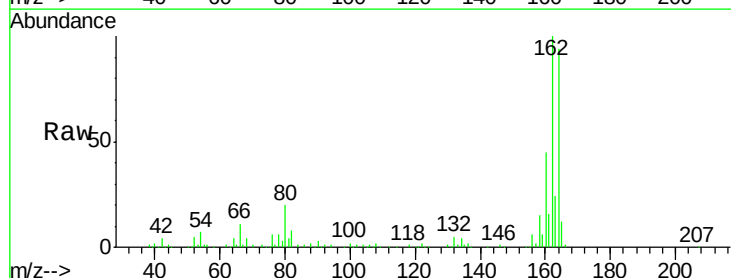
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.8	49.2
54	54.0	40.6	60.8

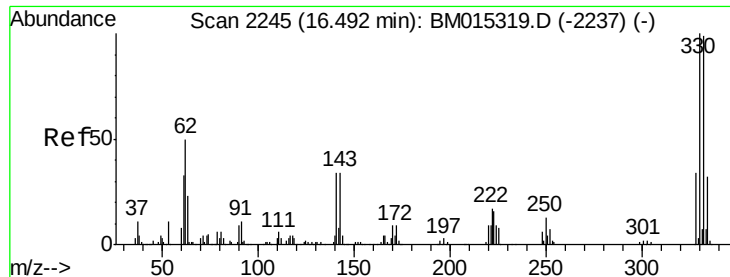


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BM015487.D
 Acq: 06 Jun 2018 13:46

Tgt Ion: 164 Resp: 264458

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.4	123.6
160	48.2	35.8	53.6

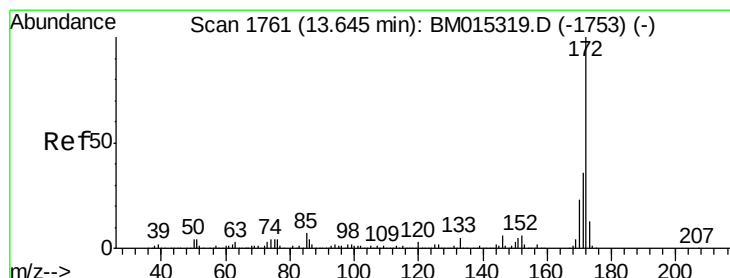
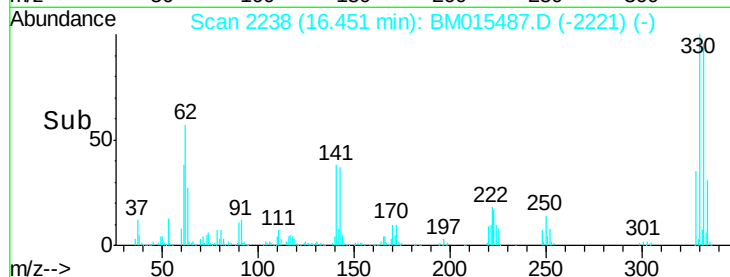
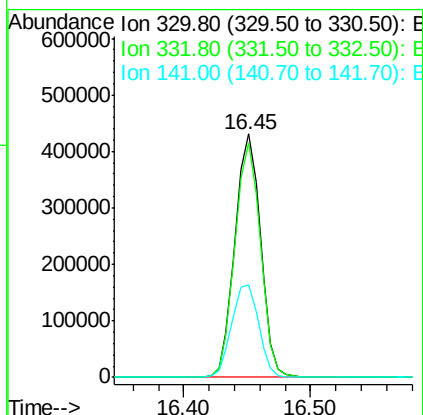
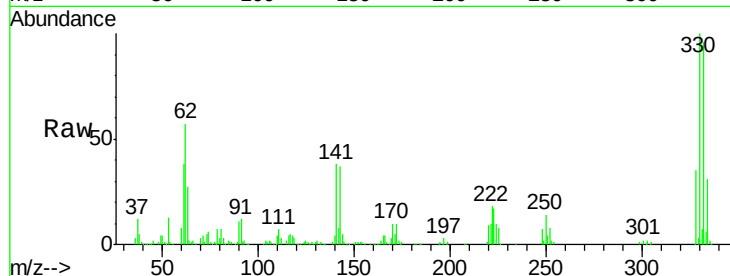




#41
 2,4,6-Tribromophenol
 Concen: 158.774 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015487.D
 Acq: 06 Jun 2018 13:46

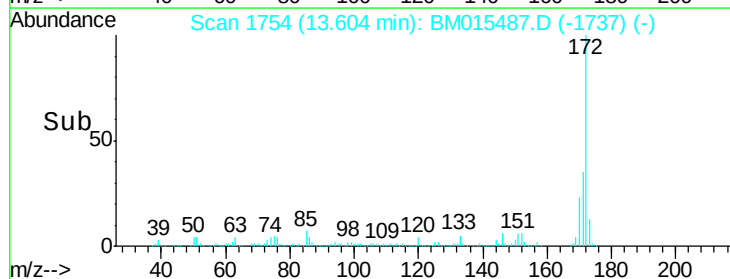
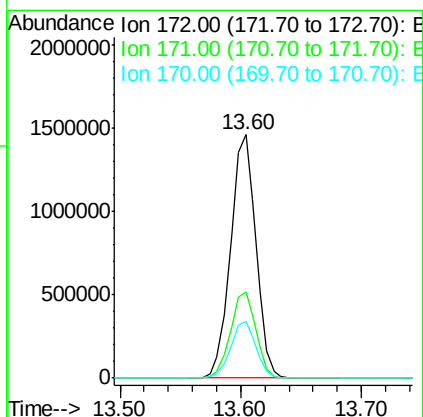
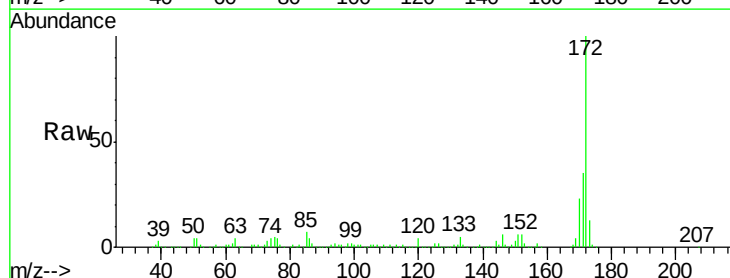
Instrument :
 BNA_M
 ClientSampleId :
 ES-STONE

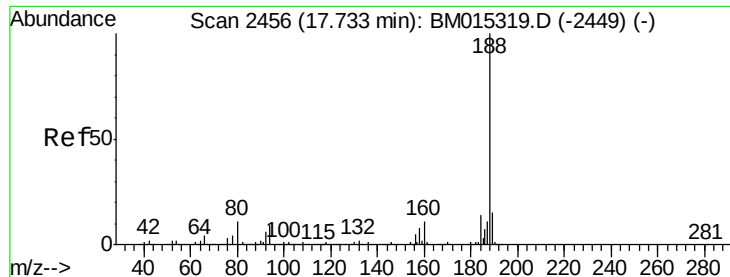
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 107.854 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM015487.D
 Acq: 06 Jun 2018 13:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM015487.D

Acq: 06 Jun 2018 13:46

Instrument :

BNA_M

ClientSampleId :

ES-STONE

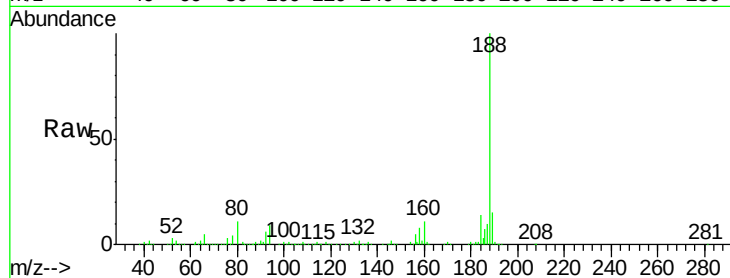
Tot Ion:188 Resp: 608655

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

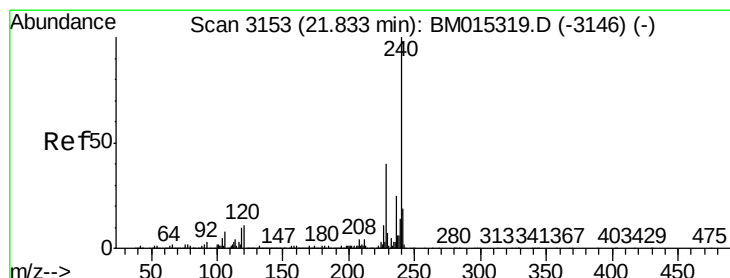
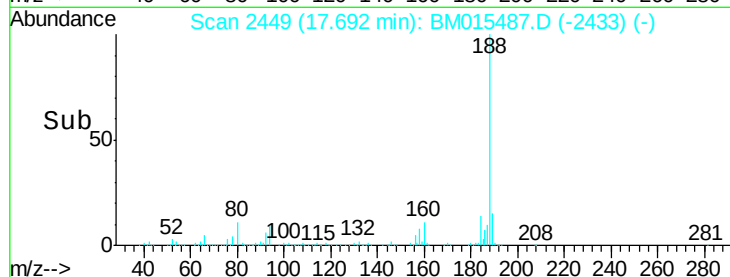
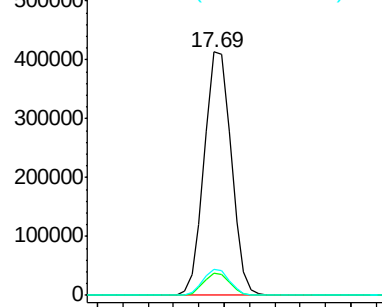
80 10.9 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM015487.D

Acq: 06 Jun 2018 13:46

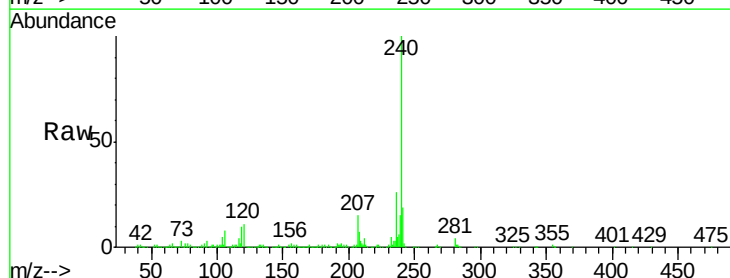
Tgt Ion:240 Resp: 627777

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

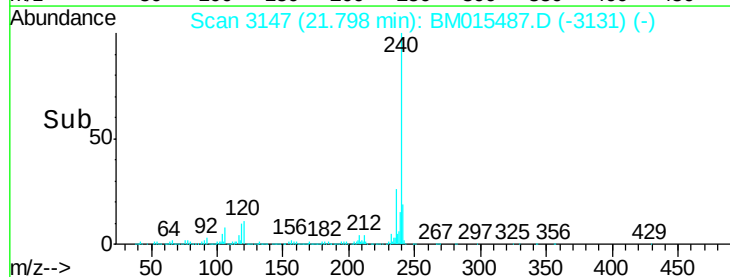
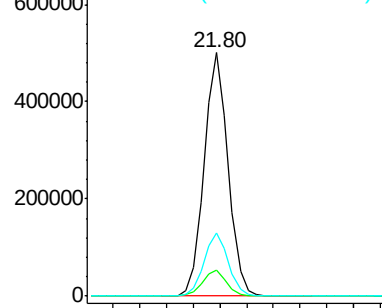
236 26.1 20.0 30.0

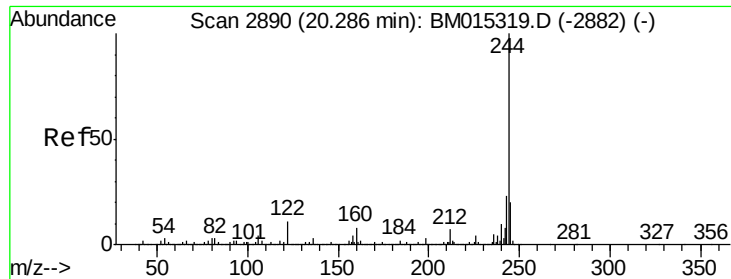


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 126.868 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015487.D

Acq: 06 Jun 2018 13:46

Instrument :

BNA_M

ClientSampleId :

ES-STONE

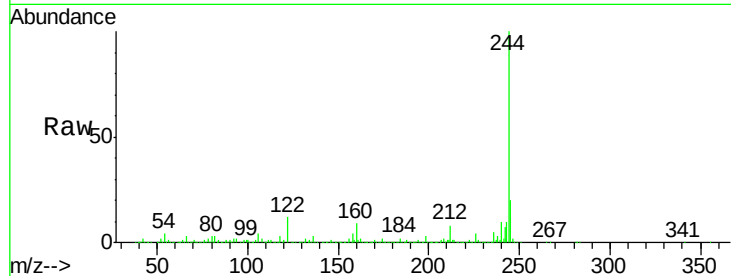
Tot Ion:244 Resp: 3450566

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

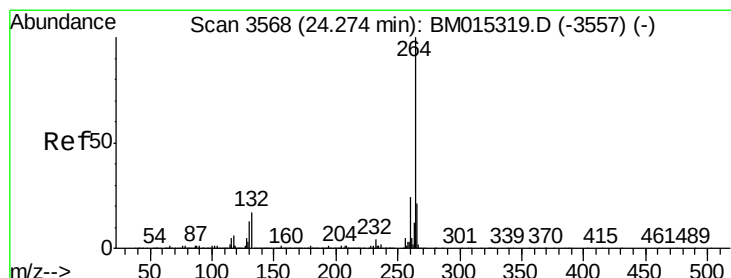
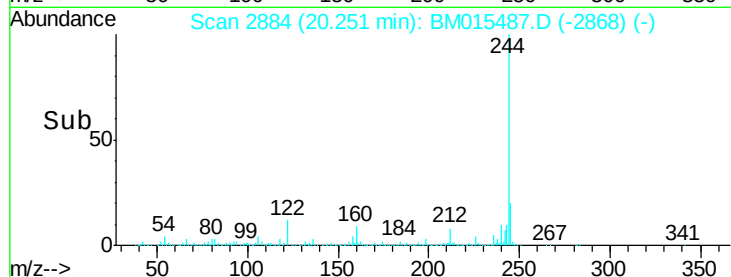
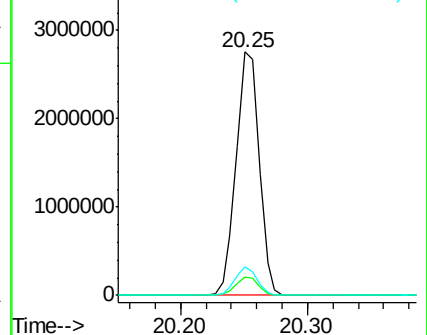
122 11.7 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.22 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BM015487.D

Acq: 06 Jun 2018 13:46

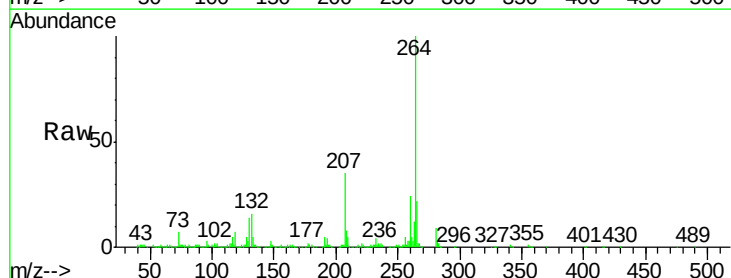
Tgt Ion:264 Resp: 655127

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.2 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

