

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015492.D
 Acq On : 06 Jun 2018 16:50
 Operator : SJ/JU
 Sample : J3243-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 06 17:28:27 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	511778	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	2021870	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	1052068	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	2217589	20.00	ng	0.00
75) Chrysene-d12	21.80	240	2309049	20.00	ng	0.00
86) Perylene-d12	24.23	264	2465572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	3048088	101.31	ng	0.00
7) Phenol-d6	7.52	99	3690462	81.16	ng	0.01
23) Nitrobenzene-d5	9.55	82	2956644	79.54	ng	0.00
41) 2,4,6-Tribromophenol	16.46	330	1925243	127.34	ng	0.00
44) 2-Fluorobiphenyl	13.61	172	5815628	74.22	ng	0.00
78) Terphenyl-d14	20.26	244	10675860	106.72	ng	0.00

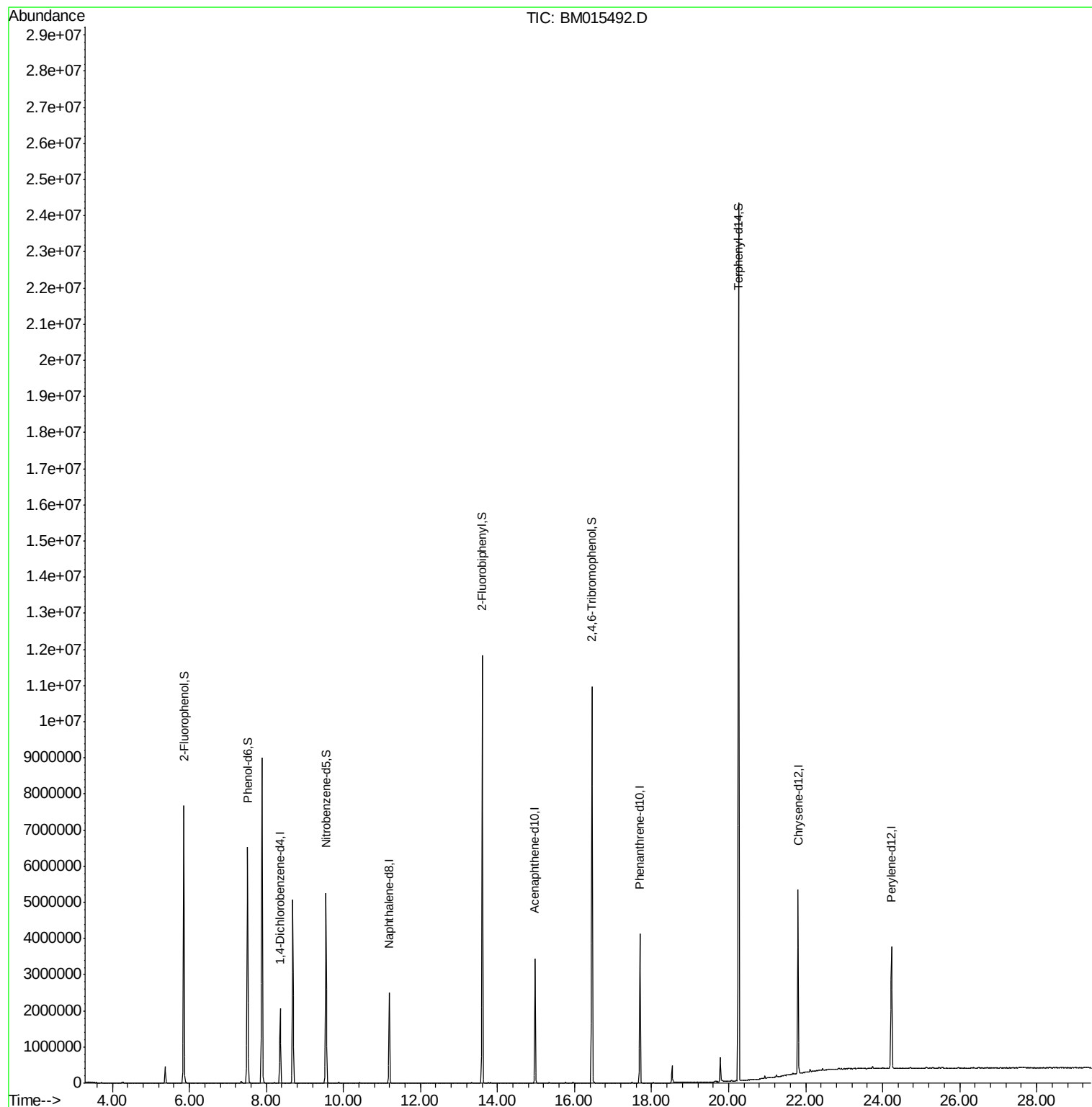
Target Compounds Qvalue

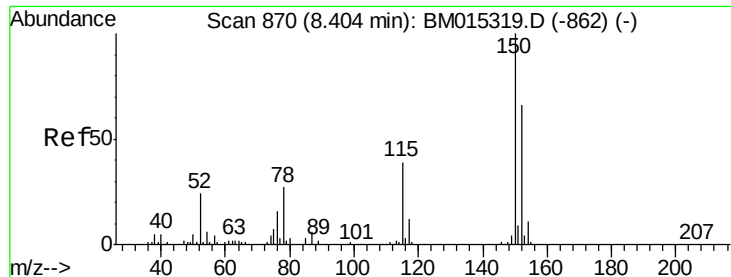
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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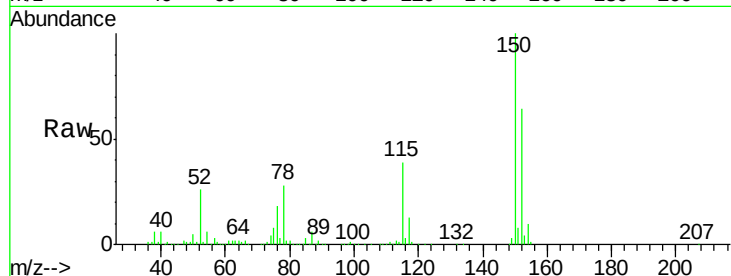


#1

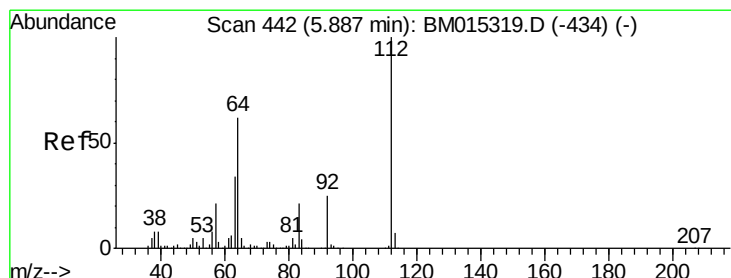
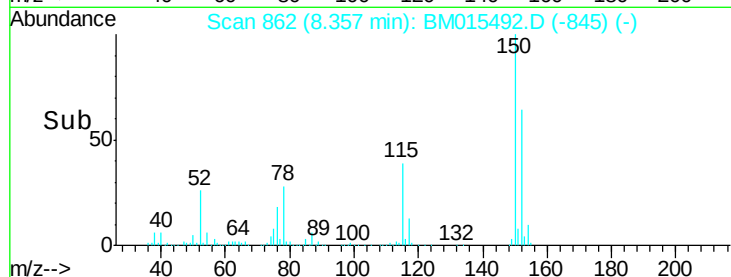
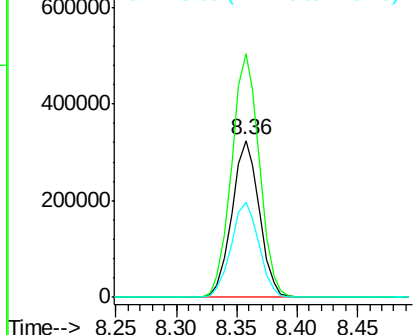
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015492.D
Acq: 06 Jun 2018 16:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 511778
Ion Ratio Lower Upper
152 100
150 155.5 119.5 179.3
115 61.1 43.0 64.4



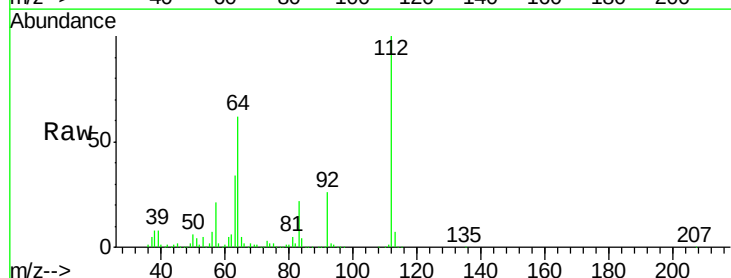
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



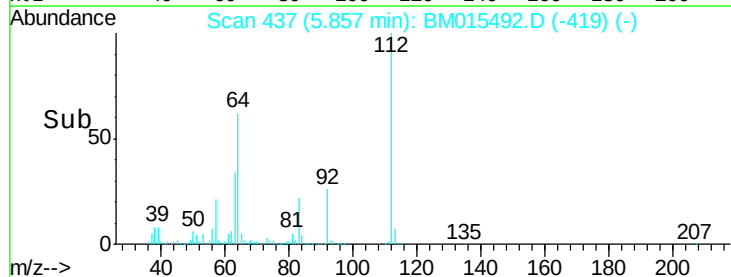
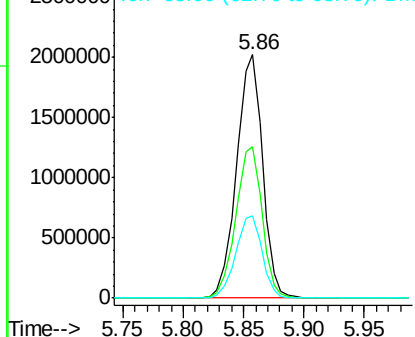
#5

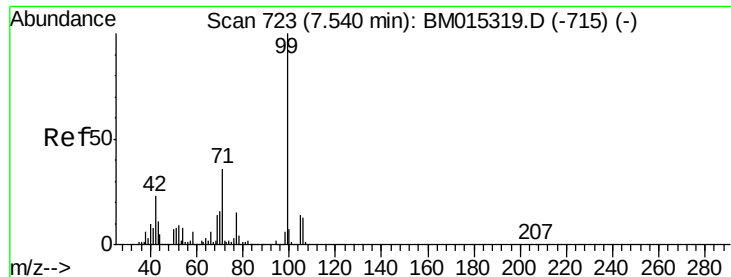
2-Fluorophenol
Concen: 101.310 ng
RT: 5.86 min Scan# 437
Delta R.T. 0.01 min
Lab File: BM015492.D
Acq: 06 Jun 2018 16:50

Tgt Ion:112 Resp: 3048088
Ion Ratio Lower Upper
112 100
64 62.0 38.6 57.8#
63 34.0 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: 81.155 ng

RT: 7.52 min Scan# 719

Delta R.T. 0.01 min

Lab File: BM015492.D

Acq: 06 Jun 2018 16:50

Instrument :

BNA_M

ClientSampled :

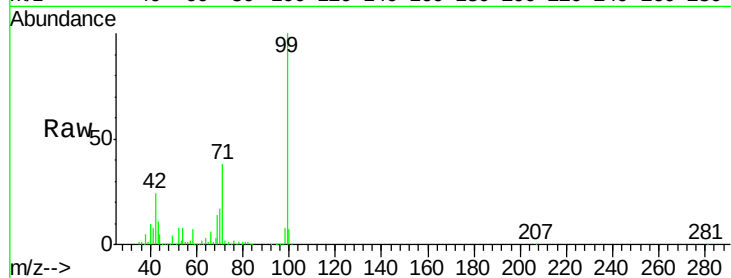
Tot Ion: 99 Resp: 3690462

Ion Ratio Lower Upper

99 100

42 24.3 11.0 16.4#

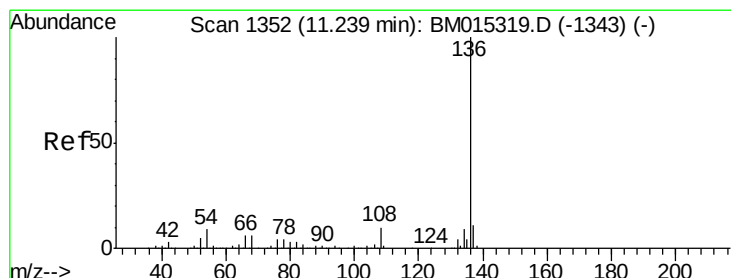
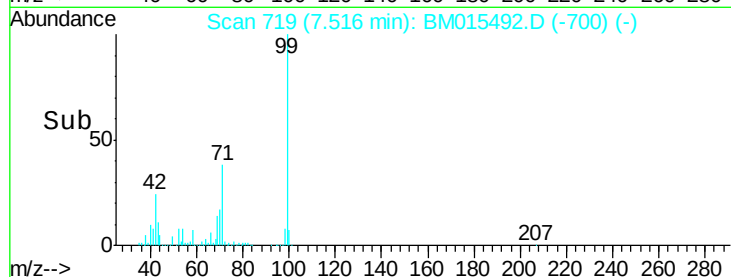
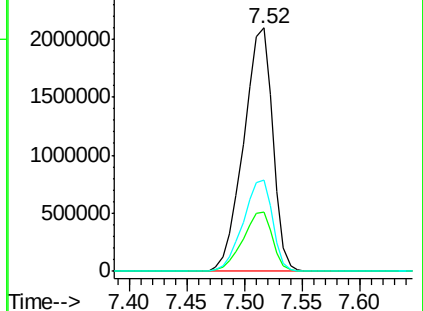
71 37.6 23.4 35.2#



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: BM015492.D

Acq: 06 Jun 2018 16:50

Tgt Ion: 136 Resp: 2021870

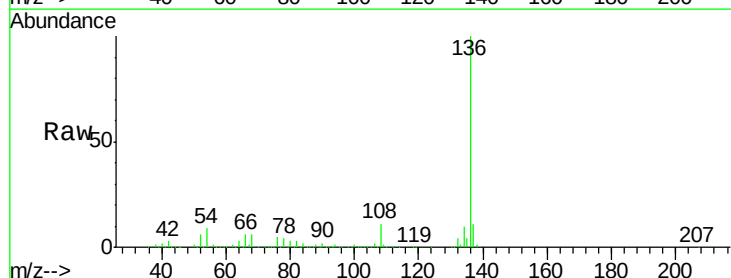
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.8 4.6 6.8#

68 6.0 3.7 5.5#

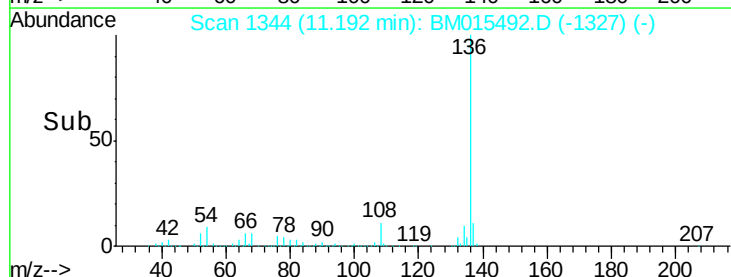
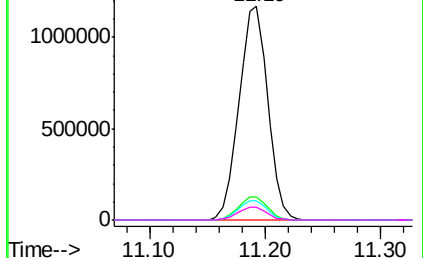


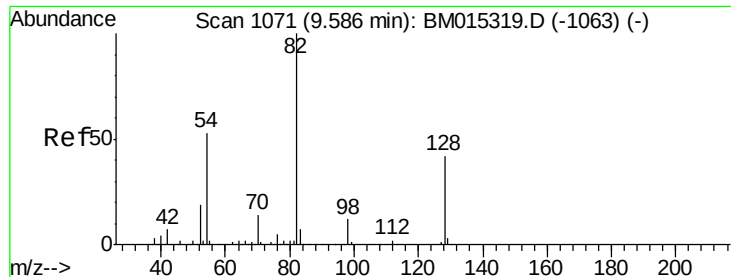
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

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) (-)



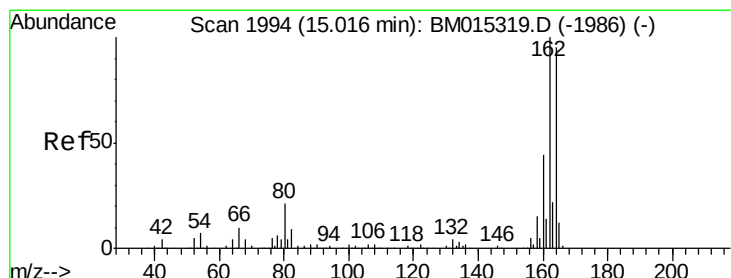
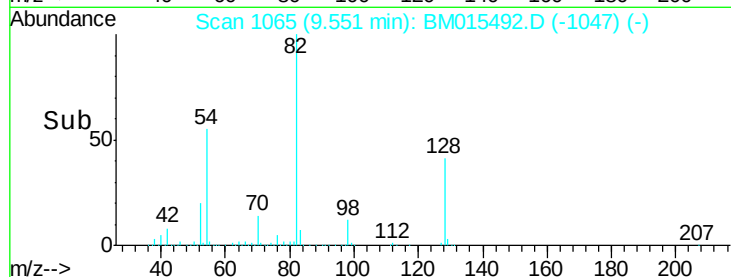
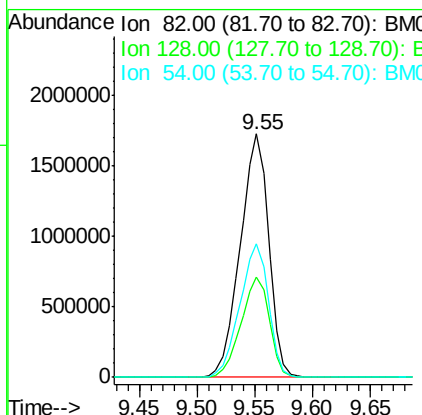
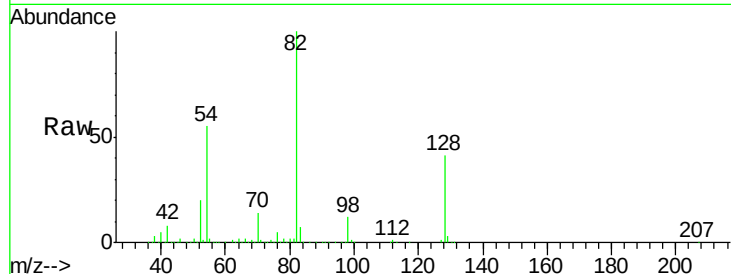


#23
 Nitrobenzene-d5
 Concen: 79.541 ng
 RT: 9.55 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BM015492.D
 Acq: 06 Jun 2018 16:50

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 2956644

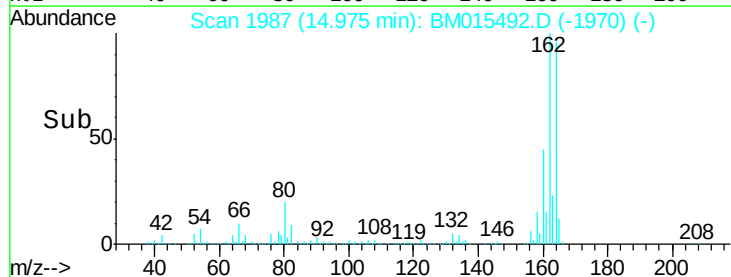
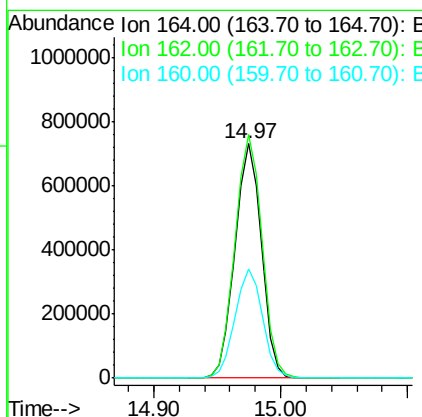
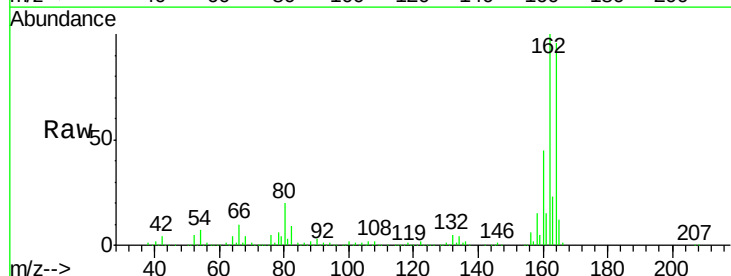
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.8	49.2
54	54.9	40.6	60.8

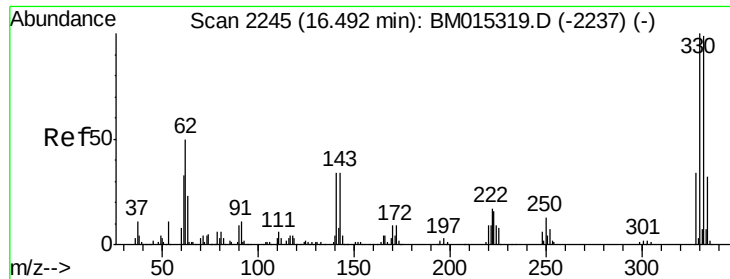


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BM015492.D
 Acq: 06 Jun 2018 16:50

Tgt Ion:164 Resp: 1052068

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	46.5	35.8	53.6

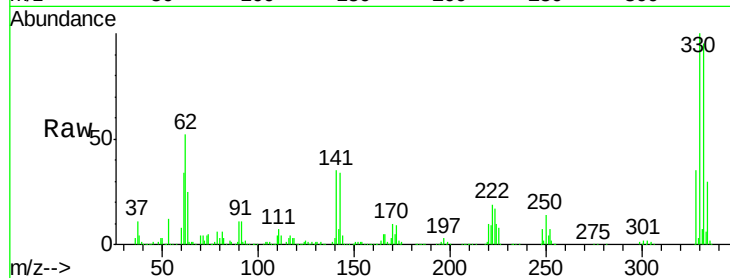




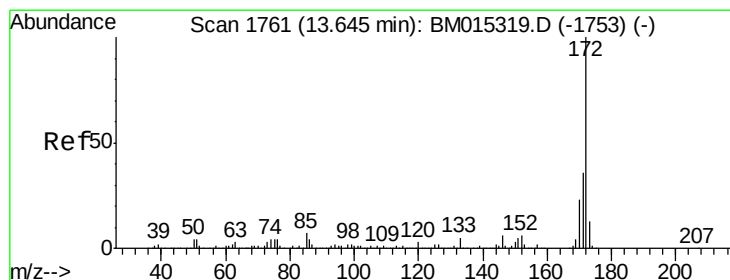
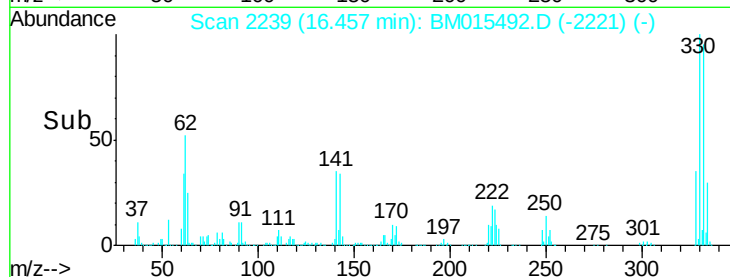
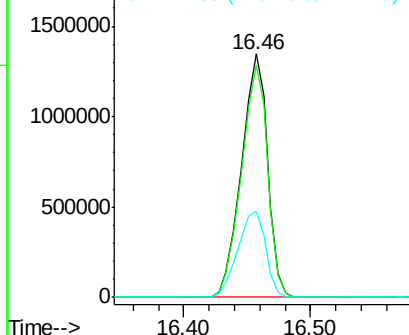
#41
 2,4,6-Tribromophenol
 Concen: 127.339 ng
 RT: 16.46 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BM015492.D
 Acq: 06 Jun 2018 16:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1925243
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 37.7 0.0 0.0#

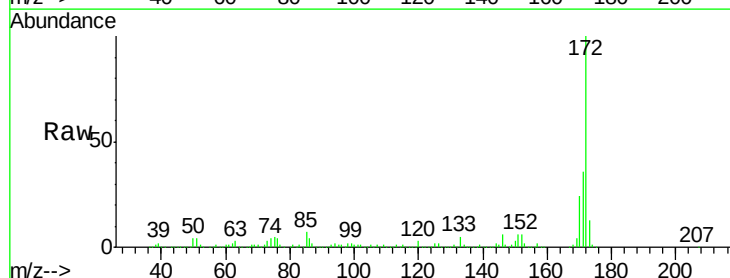


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

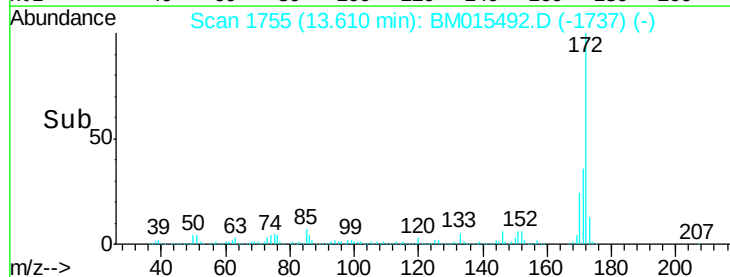
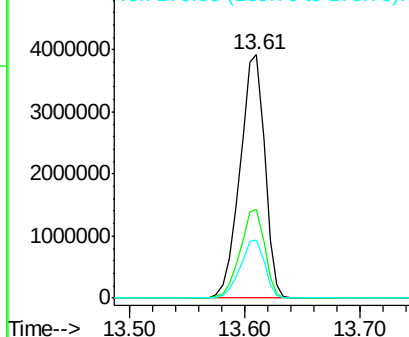


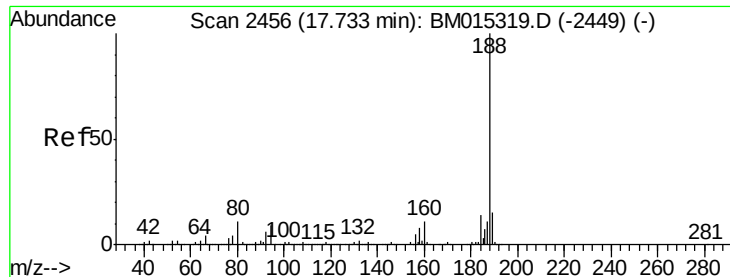
#44
 2-Fluorobiphenyl
 Concen: 74.220 ng
 RT: 13.61 min Scan# 1755
 Delta R.T. 0.01 min
 Lab File: BM015492.D
 Acq: 06 Jun 2018 16:50

Tgt Ion:172 Resp: 5815628
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.8 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

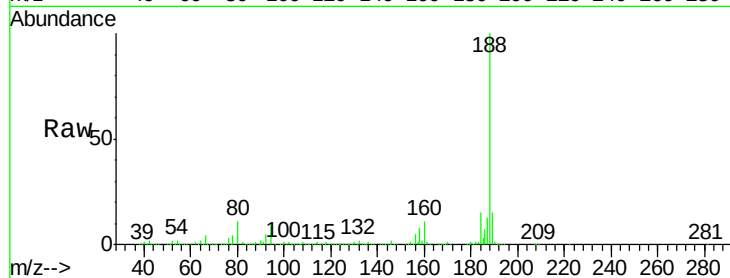




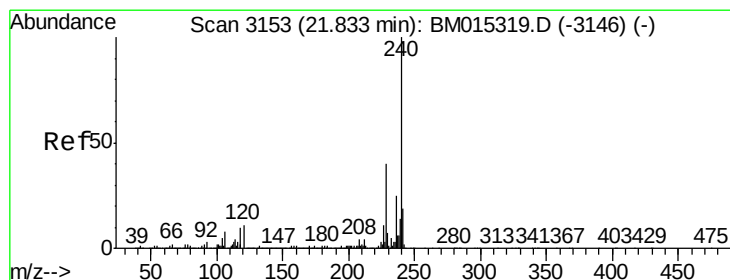
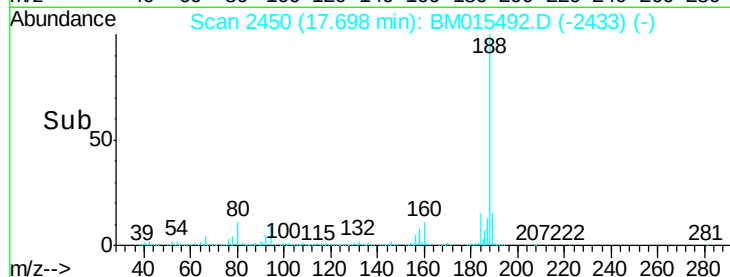
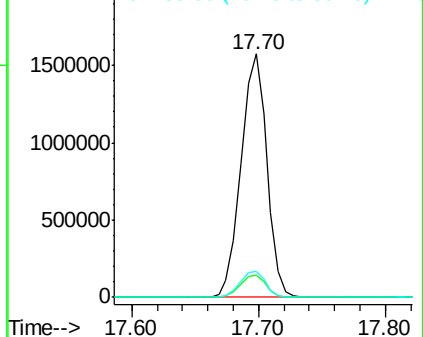
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM015492.D
Acq: 06 Jun 2018 16:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 2217589
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 10.9 9.3 13.9

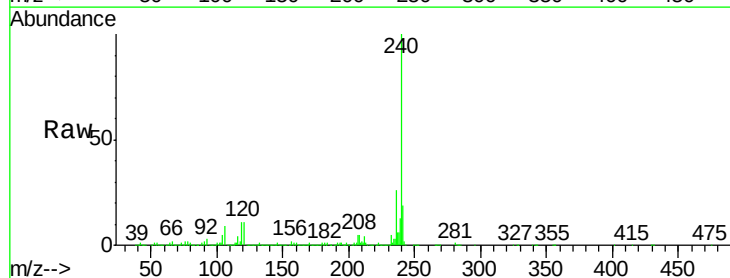


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

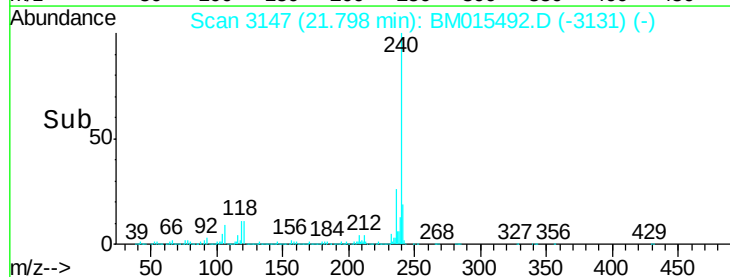
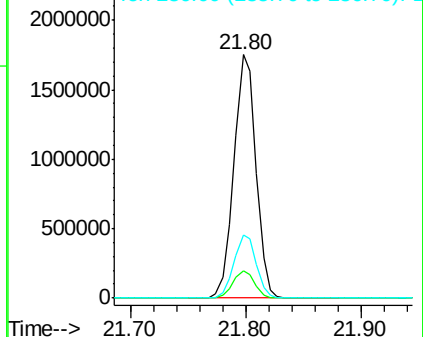


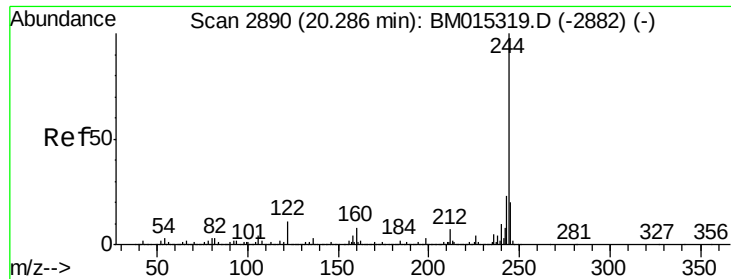
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BM015492.D
Acq: 06 Jun 2018 16:50

Tgt Ion:240 Resp: 2309049
Ion Ratio Lower Upper
240 100
120 11.3 8.2 12.2
236 26.2 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: 106.718 ng

RT: 20.26 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BM015492.D

Acq: 06 Jun 2018 16:50

Instrument :

BNA_M

ClientSampled :

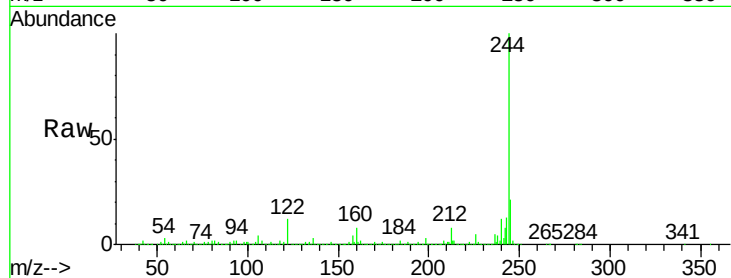
Tot Ion:244 Resp:10675860

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

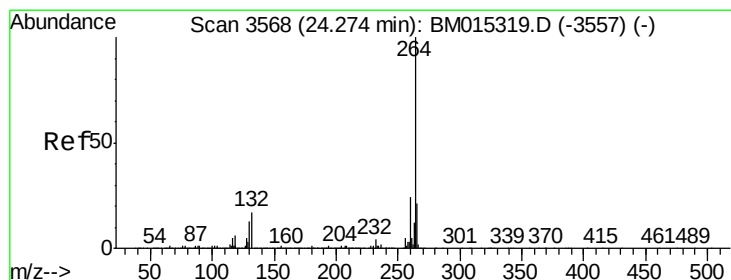
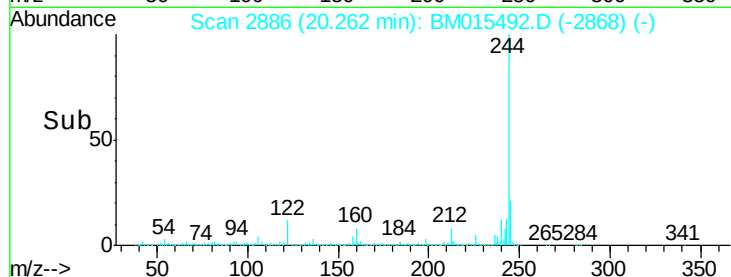
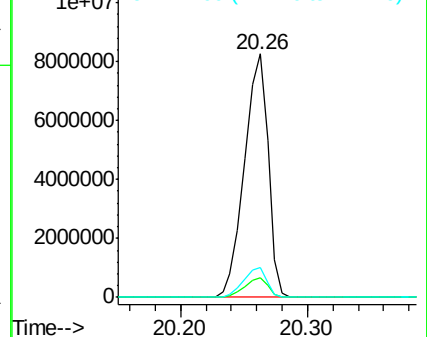
122 12.1 6.2 9.4#



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: 24.23 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BM015492.D

Acq: 06 Jun 2018 16:50

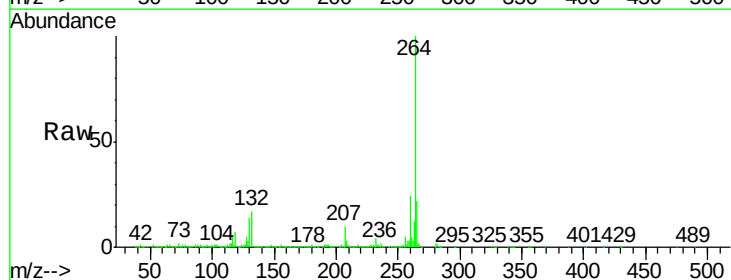
Tgt Ion:264 Resp: 2465572

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.6 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

