

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015494.D
 Acq On : 06 Jun 2018 18:05
 Operator : SJ/JU
 Sample : J3271-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 06 18:40:11 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

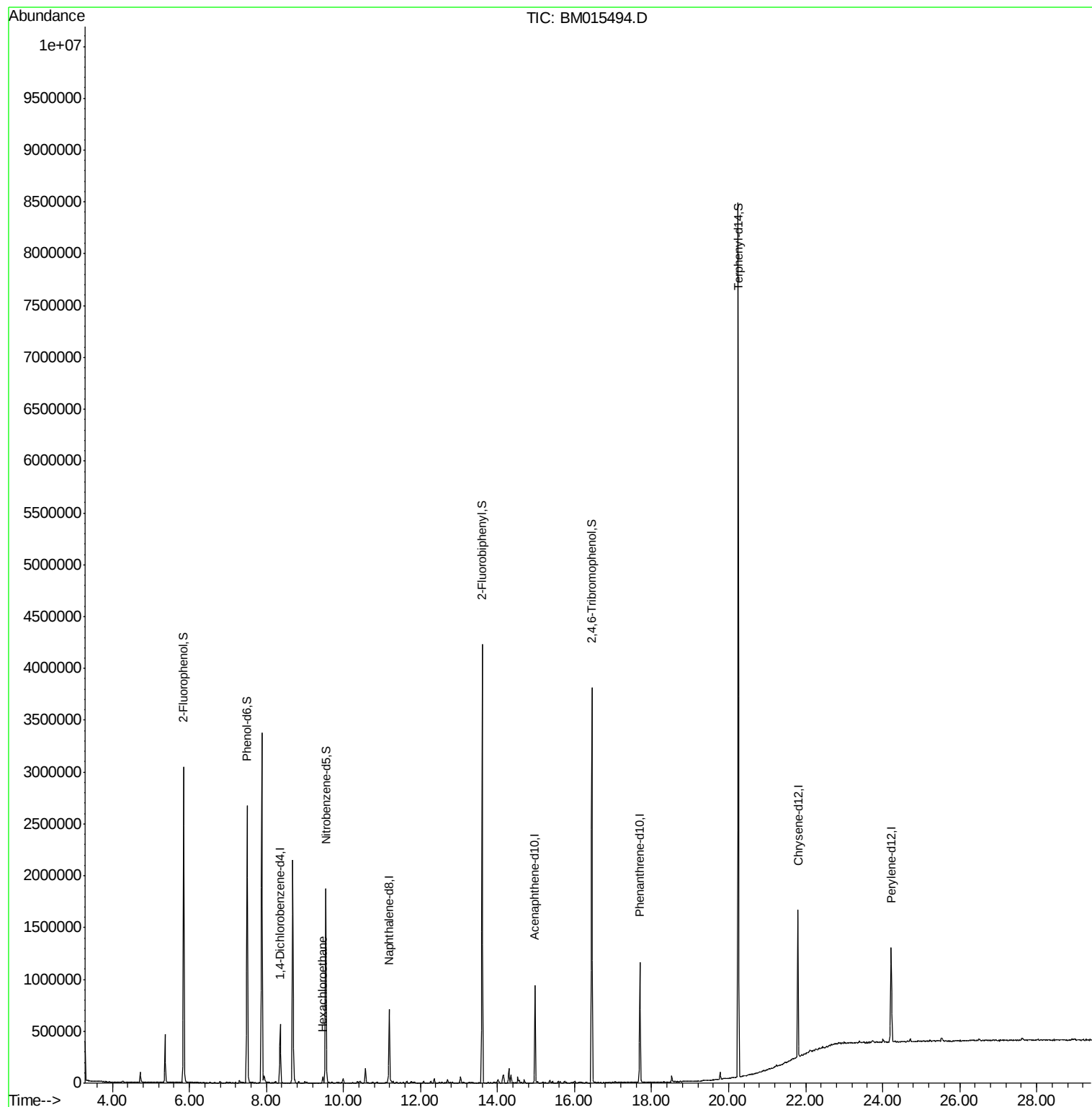
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	142719	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	556056	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	290263	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	642285	20.00	ng	0.00
75) Chrysene-d12	21.80	240	620860	20.00	ng	0.00
86) Perylene-d12	24.22	264	657032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1160084	138.27	ng	0.00
7) Phenol-d6	7.50	99	1391907	109.76	ng	0.00
23) Nitrobenzene-d5	9.55	82	1025981	100.36	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	621109	148.90	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2091007	96.72	ng	0.00
78) Terphenyl-d14	20.25	244	3587933	133.39	ng	0.00
Target Compounds						
18) Hexachloroethane	9.47	117	8736	2.092	ng	Qvalue # 1

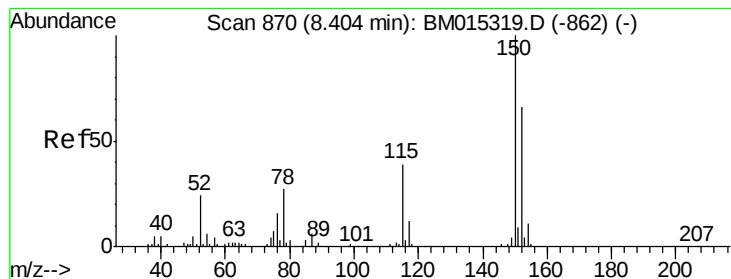
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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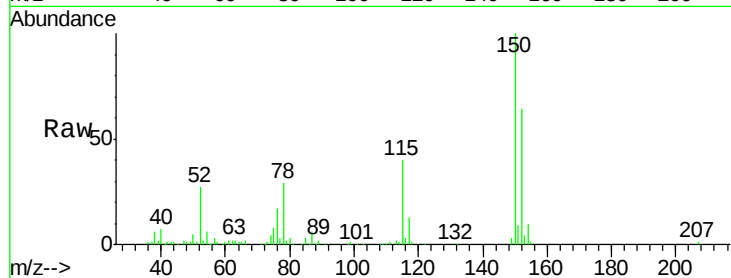


#1

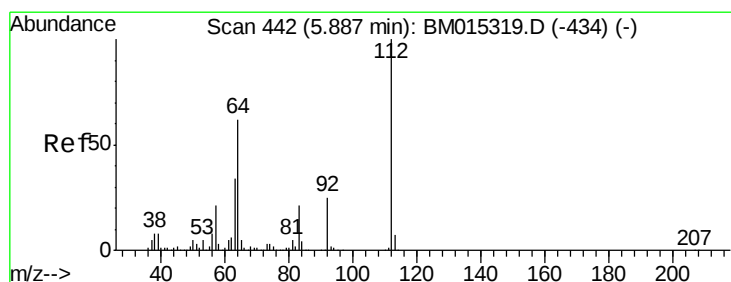
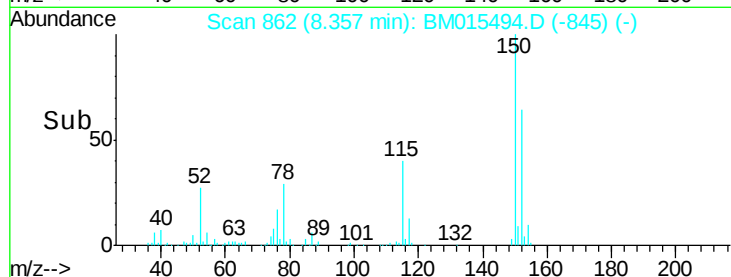
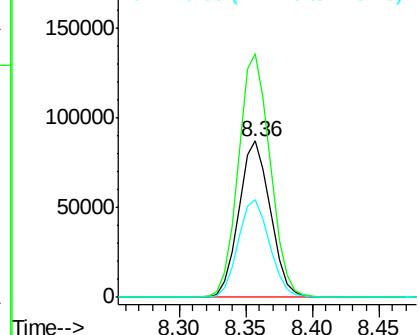
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015494.D
Acq: 06 Jun 2018 18:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 142719
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 62.3 43.0 64.4



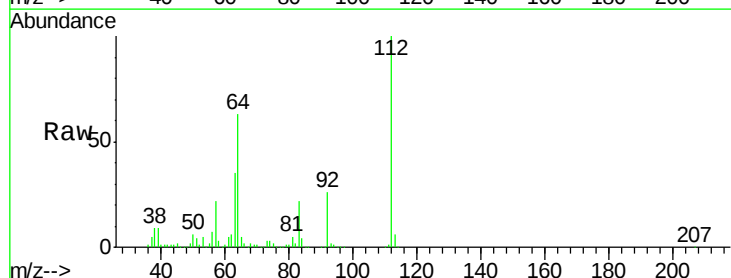
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



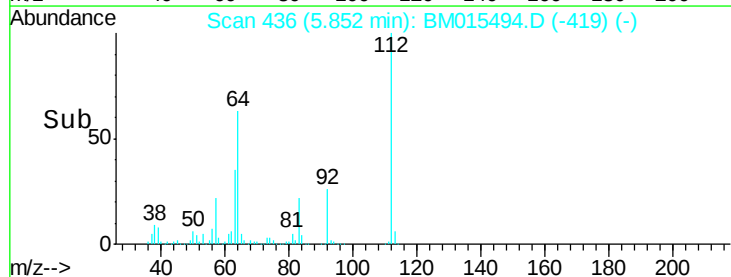
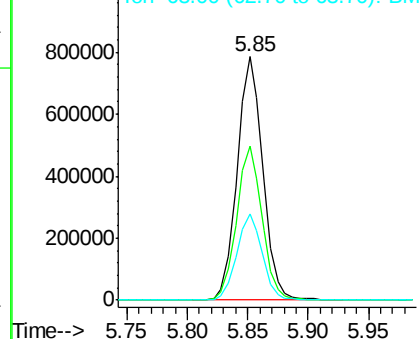
#5

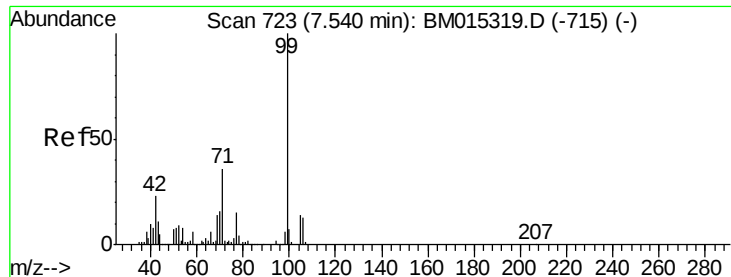
2-Fluorophenol
Concen: 138.266 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015494.D
Acq: 06 Jun 2018 18:05

Tgt Ion:112 Resp: 1160084
Ion Ratio Lower Upper
112 100
64 63.4 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: 109.760 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

Instrument :

BNA_M

ClientSampled :

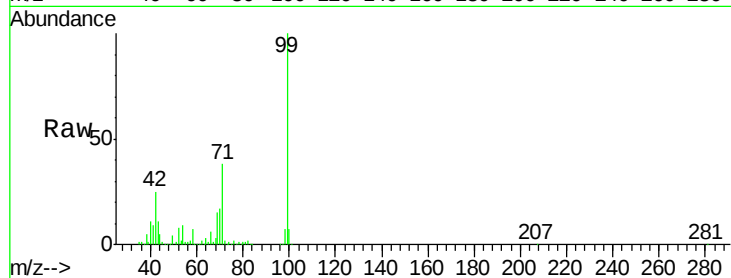
Tot Ion: 99 Resp: 1391907

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

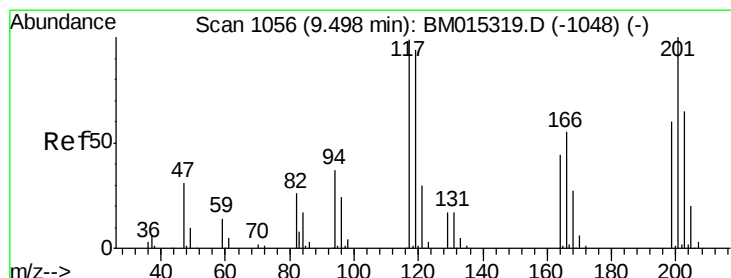
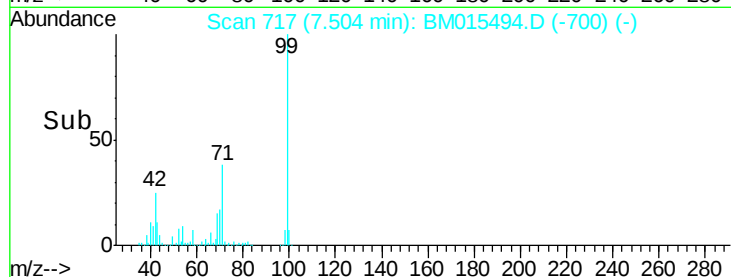
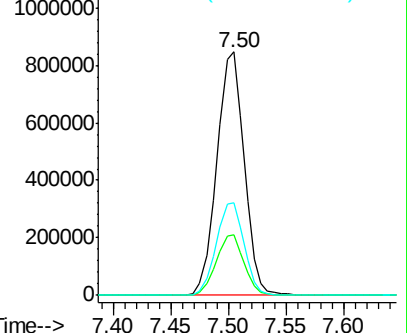
71 38.3 23.4 35.2#



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) (-)



#18

Hexachloroethane

Concen: 2.092 ng

RT: 9.47 min Scan# 1051

Delta R.T. 0.02 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

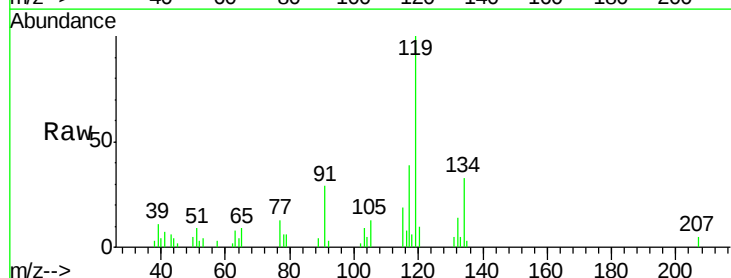
Tgt Ion: 117 Resp: 8736

Ion Ratio Lower Upper

117 100

119 257.8 79.2 118.8#

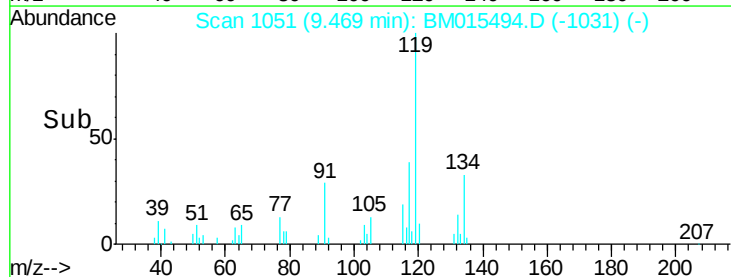
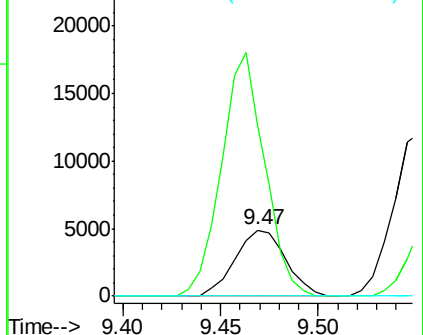
201 0.0 69.8 104.6#

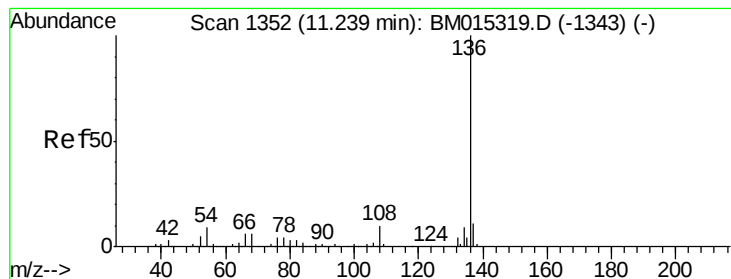


Abundance Ion 117.00 (116.70 to 117.70): BM015319.D (-1048) (-)

Ion 119.00 (118.70 to 119.70): BM015319.D (-1048) (-)

Ion 201.00 (200.70 to 201.70): BM015319.D (-1048) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 556056

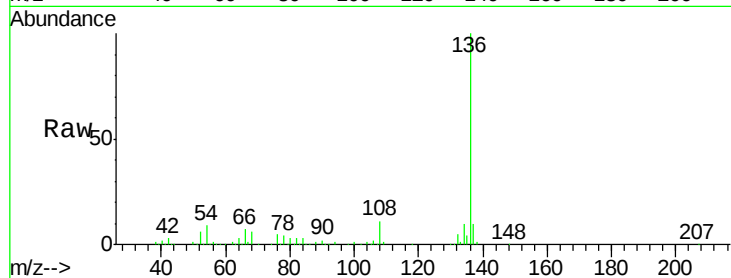
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.1 4.6 6.8#

68 5.8 3.7 5.5#

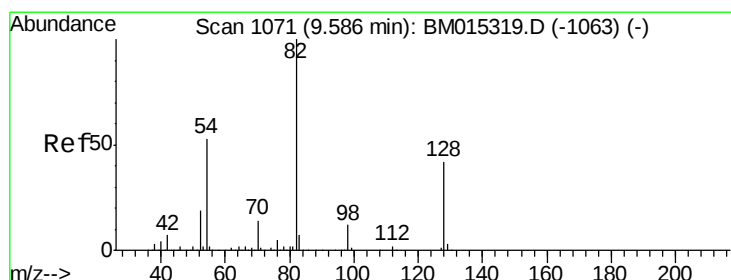
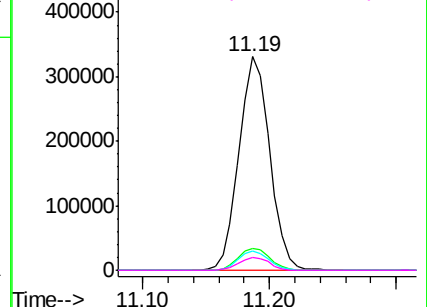
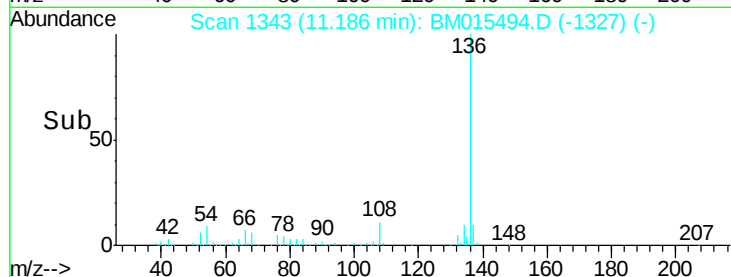


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 100.361 ng

RT: 9.55 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

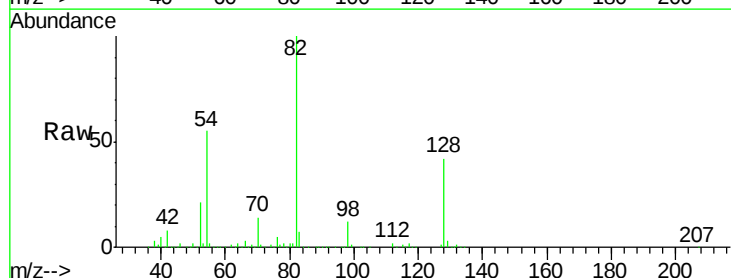
Tgt Ion: 82 Resp: 1025981

Ion Ratio Lower Upper

82 100

128 42.2 32.8 49.2

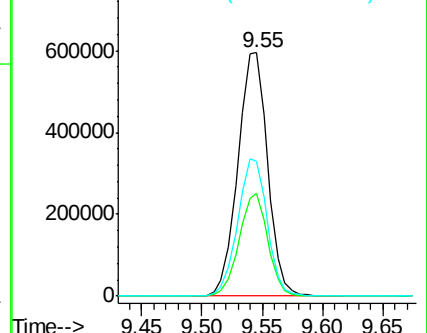
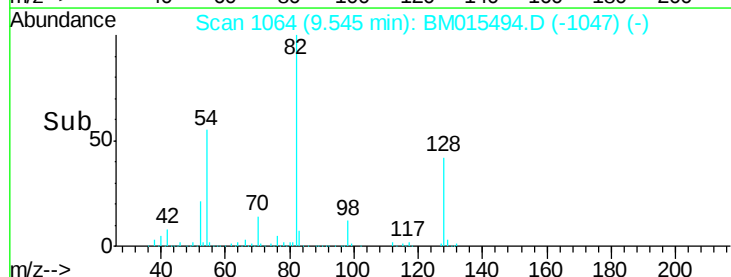
54 55.4 40.6 60.8

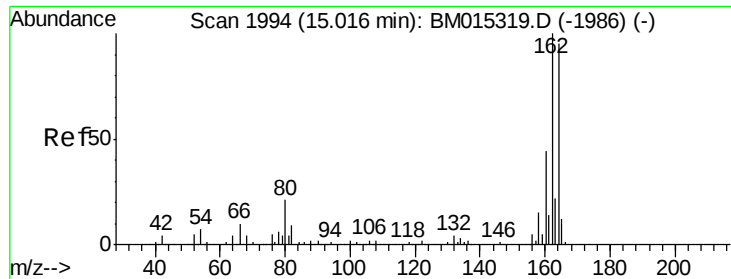


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.97 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

Instrument :

BNA_M

ClientSampleId :

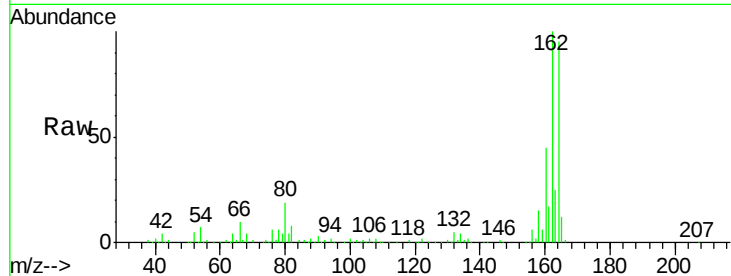
Tot Ion:164 Resp: 290263

Ion Ratio Lower Upper

164 100

162 104.9 82.4 123.6

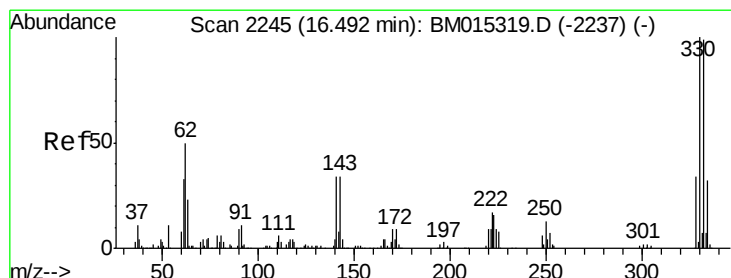
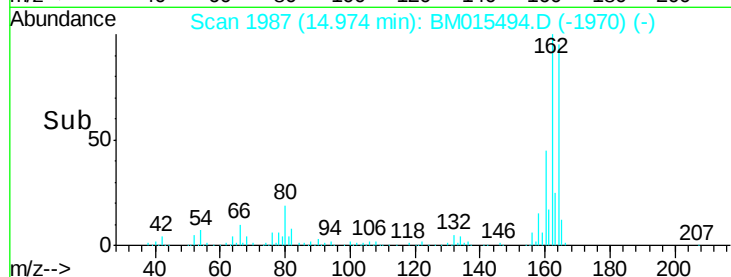
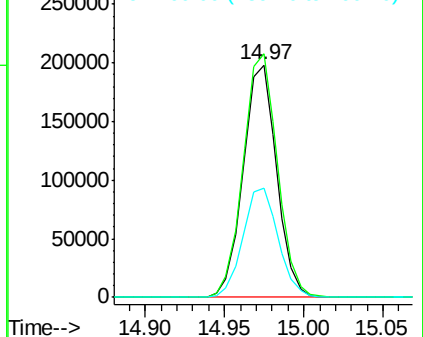
160 47.0 35.8 53.6



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: 148.901 ng

RT: 16.45 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

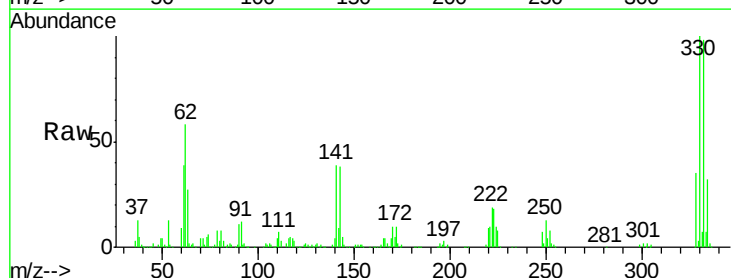
Tgt Ion:330 Resp: 621109

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

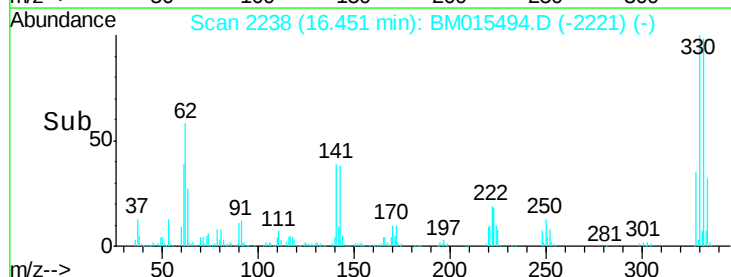
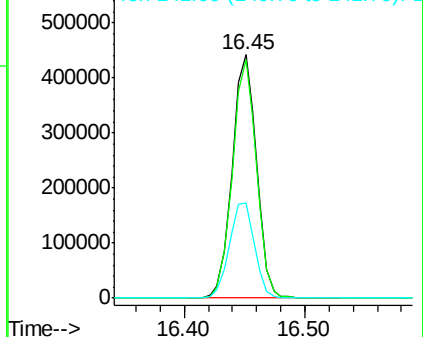
141 40.7 0.0 0.0#

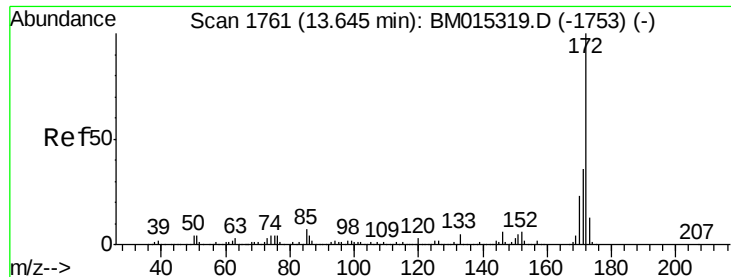


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



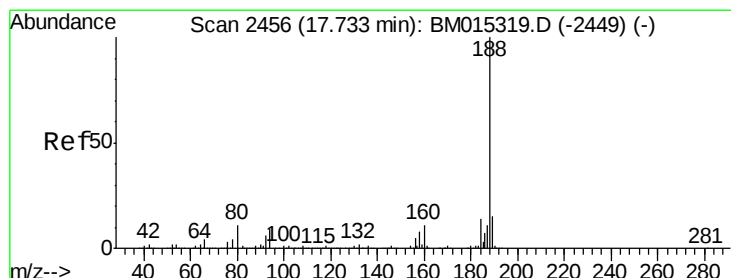
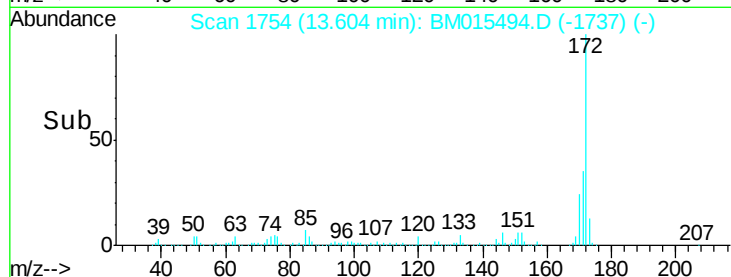
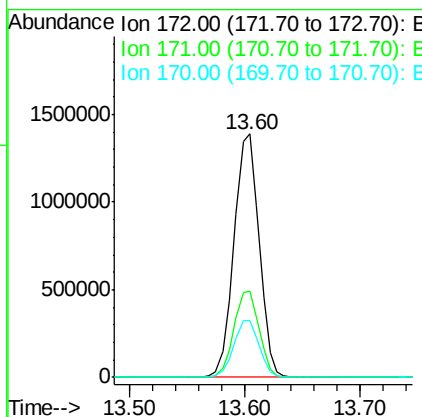
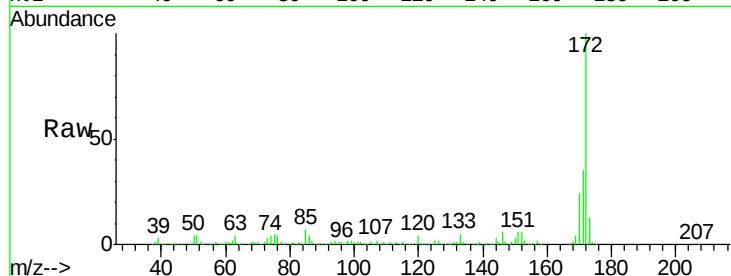


#44
 2-Fluorobiphenyl
 Concen: 96.723 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM015494.D
 Acq: 06 Jun 2018 18:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2091007

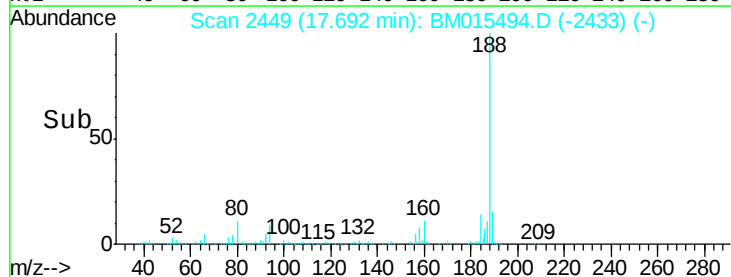
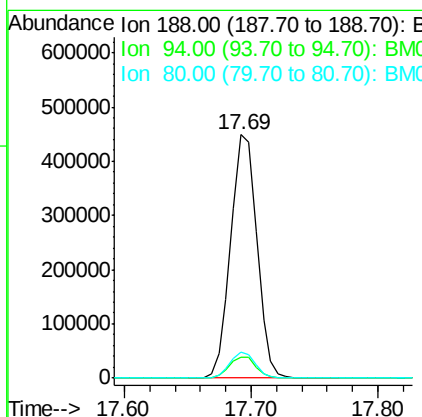
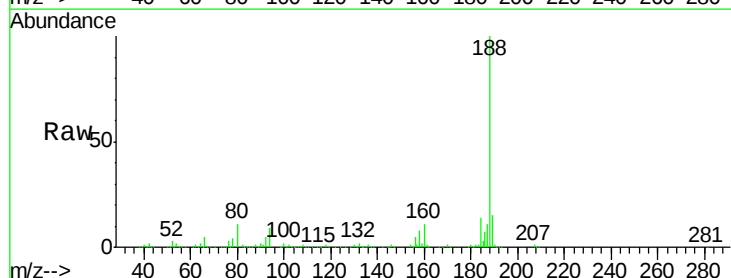
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	18.8	28.2

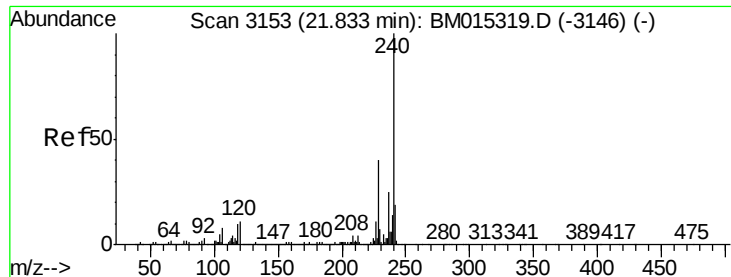


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015494.D
 Acq: 06 Jun 2018 18:05

Tgt Ion:188 Resp: 642285

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.7	13.1
80	10.9	9.3	13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

Instrument :

BNA_M

ClientSampleId :

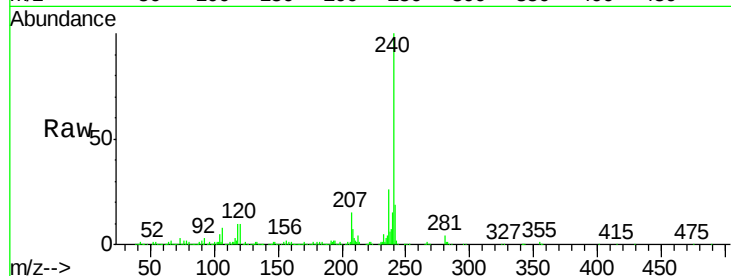
Tot Ion:240 Resp: 620860

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

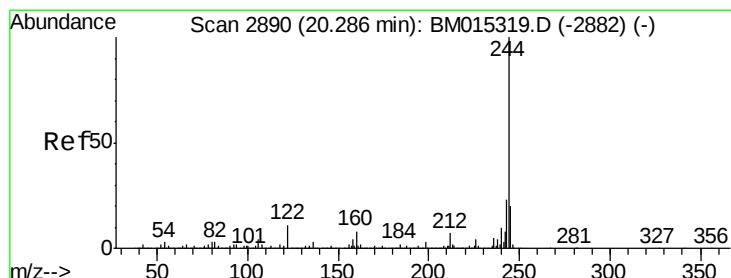
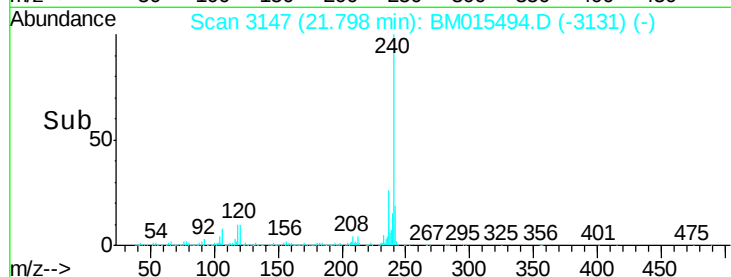
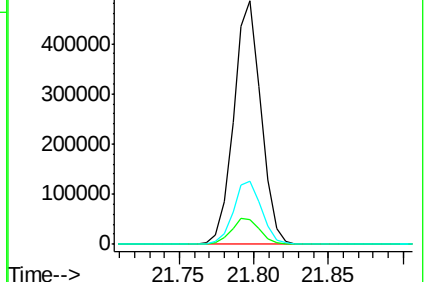
236 26.1 20.0 30.0



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: 133.389 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

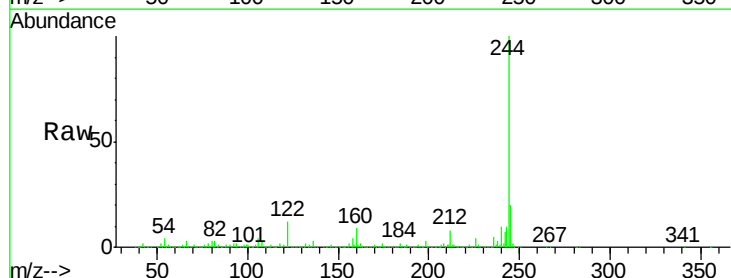
Tgt Ion:244 Resp: 3587933

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

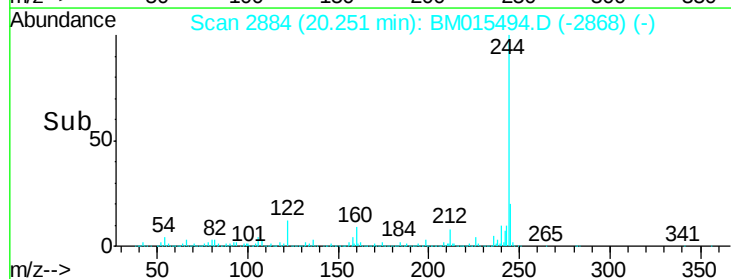
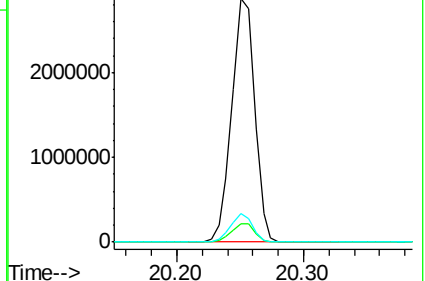
122 11.9 6.2 9.4#

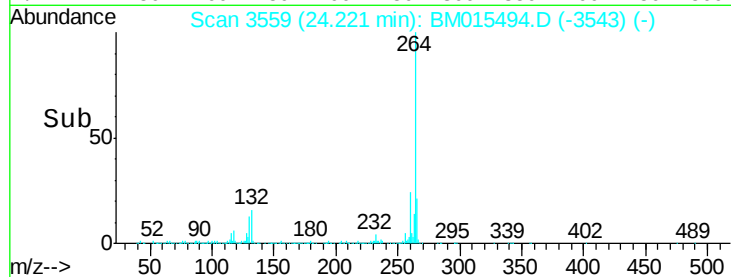
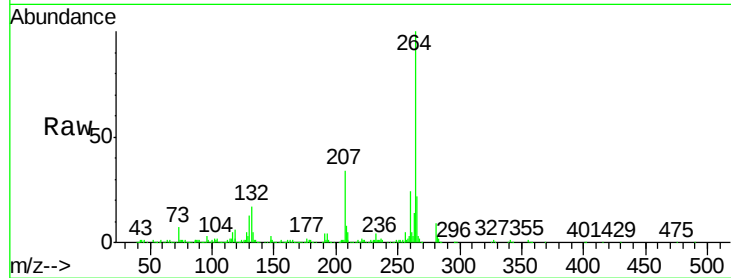
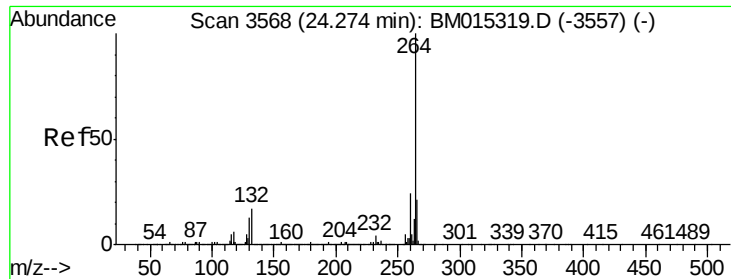


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.22 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BM015494.D

Acq: 06 Jun 2018 18:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 264 Resp: 657032

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.5 17.3 25.9

