

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015495.D
 Acq On : 06 Jun 2018 18:42
 Operator : SJ/JU
 Sample : J3271-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7A-WC-2

Quant Time: Jun 06 19:22:20 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

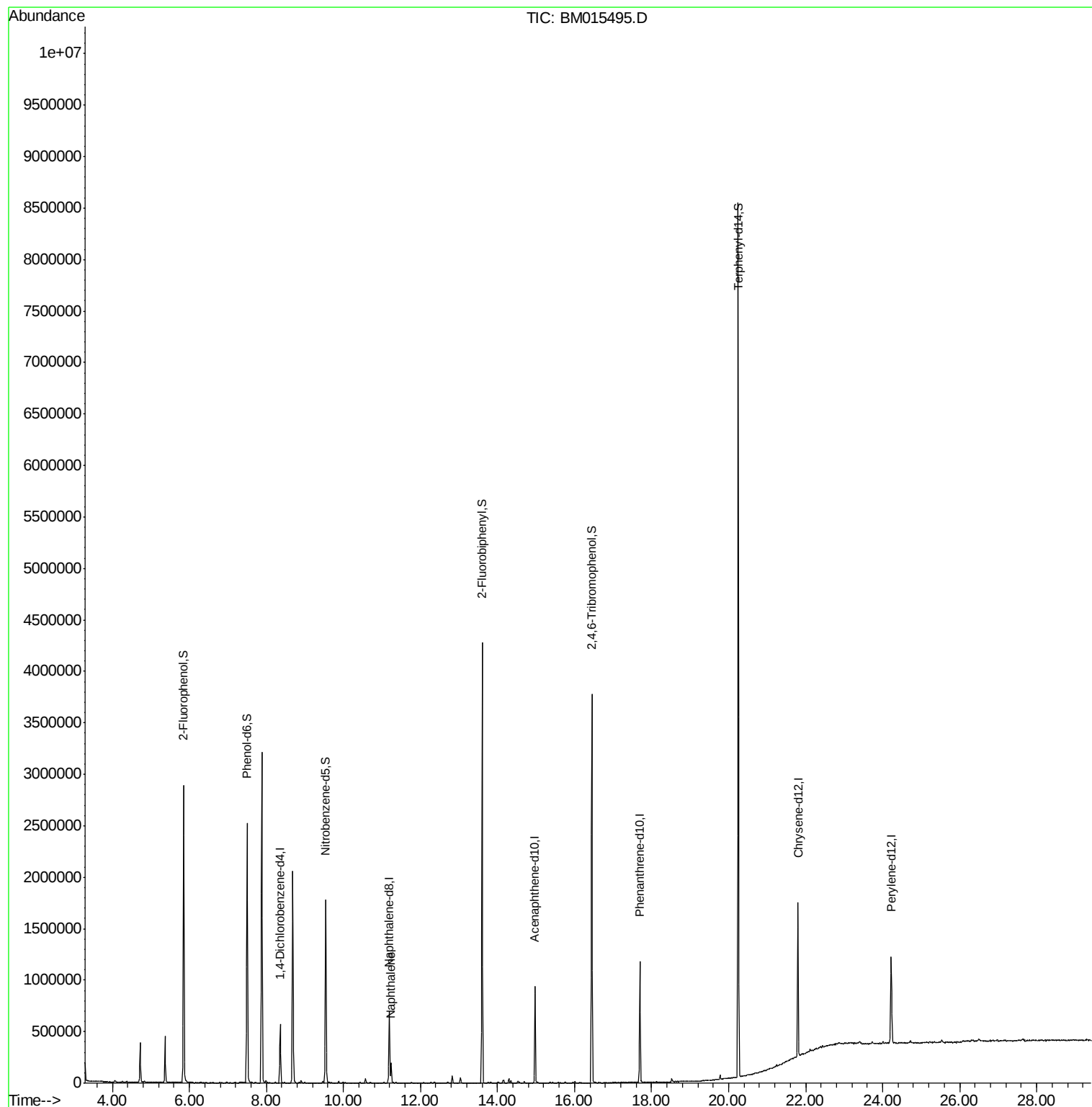
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	142880	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	554412	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	288582	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	637204	20.00	ng	0.00
75) Chrysene-d12	21.80	240	645854	20.00	ng	0.00
86) Perylene-d12	24.22	264	581511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1103274	131.35	ng	0.00
7) Phenol-d6	7.50	99	1324635	104.34	ng	0.00
23) Nitrobenzene-d5	9.55	82	998638	97.98	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	609033	146.86	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2022859	94.12	ng	0.00
78) Terphenyl-d14	20.25	244	3553414	126.99	ng	0.00
Target Compounds						
31) Naphthalene	11.24	128	148276	5.160	ng	Qvalue 100

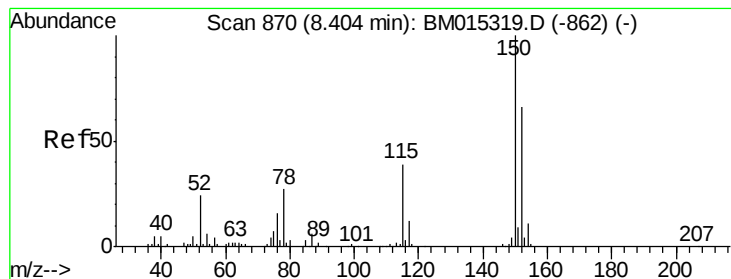
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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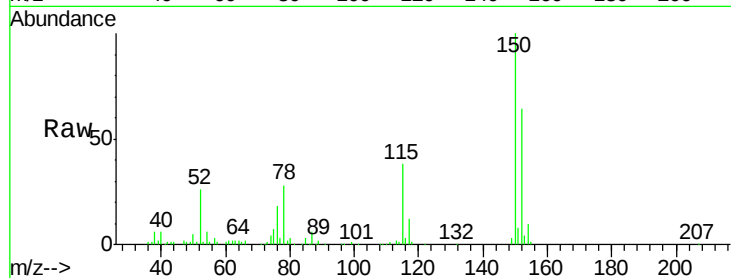


#1

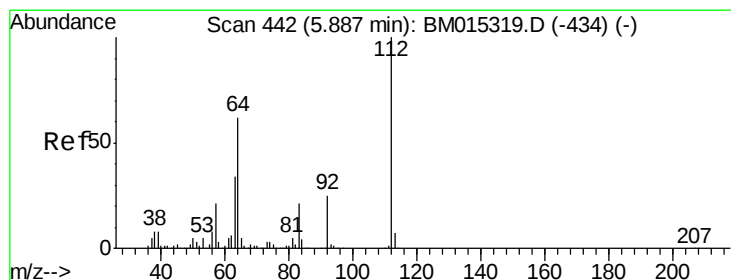
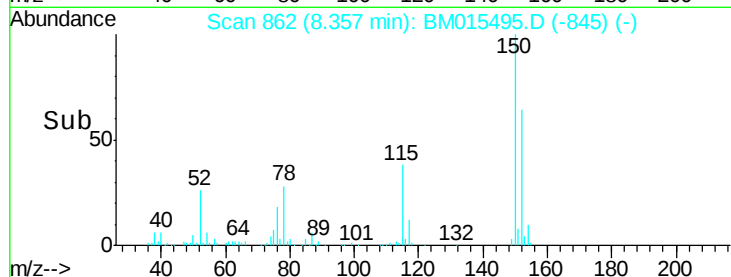
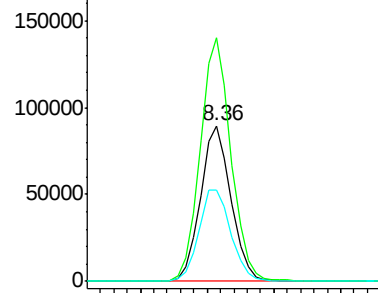
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015495.D
Acq: 06 Jun 2018 18:42

Instrument :
BNA_M
ClientSampleId :
TP-7A-WC-2

Tot Ion:152 Resp: 142880
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 59.1 43.0 64.4



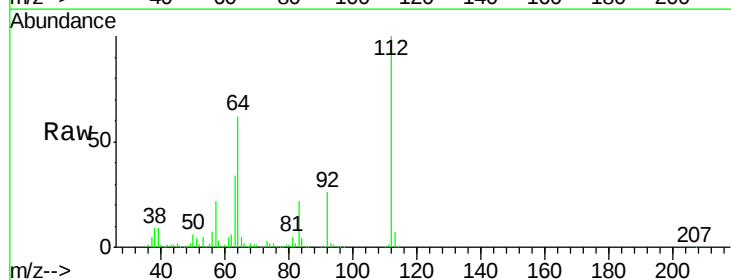
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



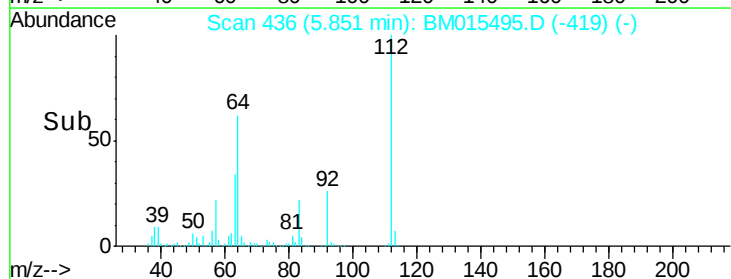
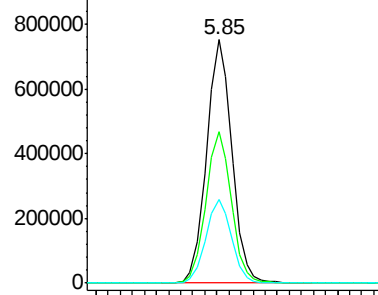
#5

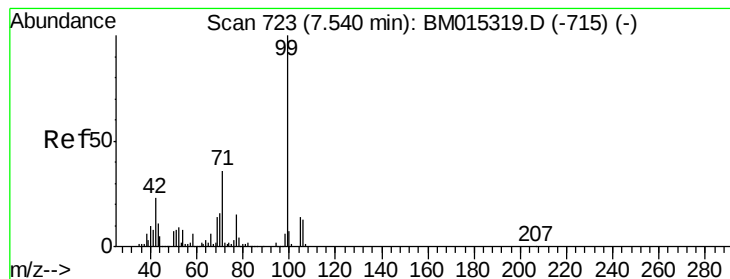
2-Fluorophenol
Concen: 131.347 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015495.D
Acq: 06 Jun 2018 18:42

Tgt Ion:112 Resp: 1103274
Ion Ratio Lower Upper
112 100
64 62.0 38.6 57.8#
63 34.3 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: 104.338 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015495.D

Acq: 06 Jun 2018 18:42

Instrument :

BNA_M

ClientSampled :

TP-7A-WC-2

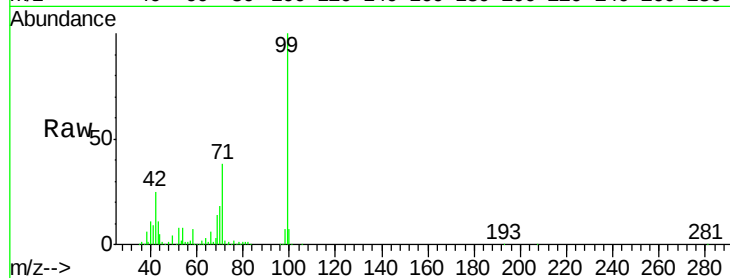
Tot Ion: 99 Resp: 1324635

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

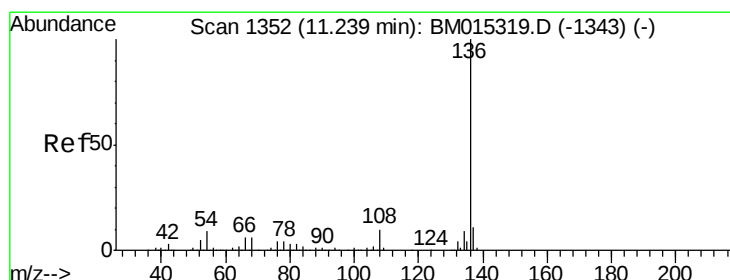
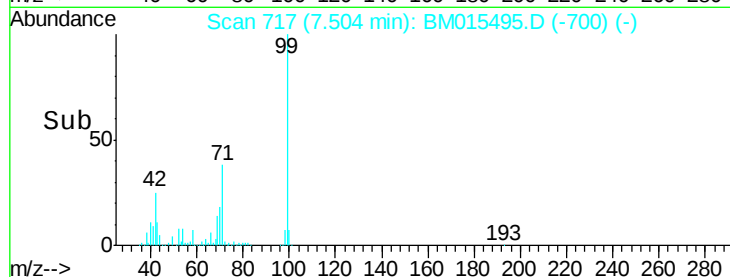
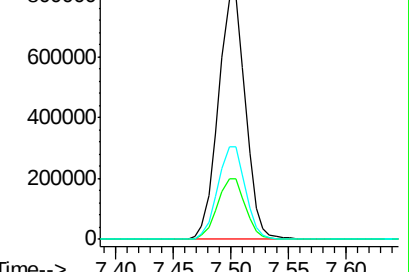
71 38.2 23.4 35.2#



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# 1343

Delta R.T. -0.01 min

Lab File: BM015495.D

Acq: 06 Jun 2018 18:42

Tgt Ion: 136 Resp: 554412

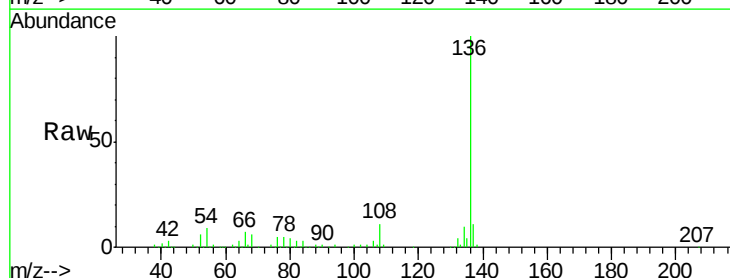
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.7 4.6 6.8#

68 5.9 3.7 5.5#

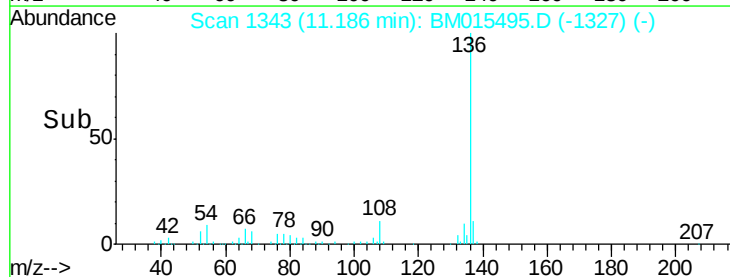
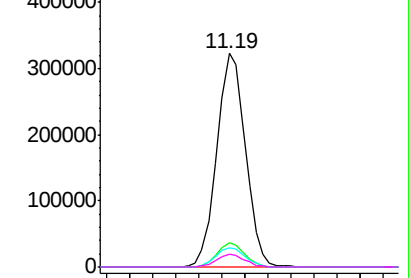


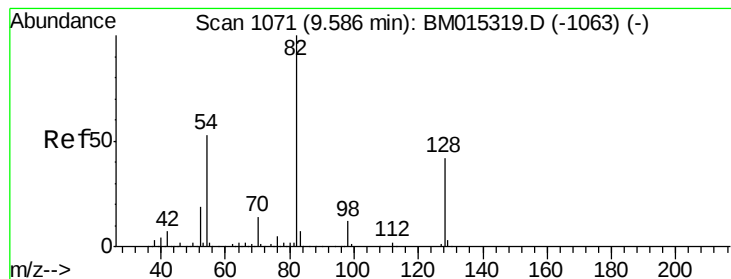
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

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: 97.976 ng

RT: 9.55 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BM015495.D

Acq: 06 Jun 2018 18:42

Instrument :

BNA_M

ClientSampleId :

TP-7A-WC-2

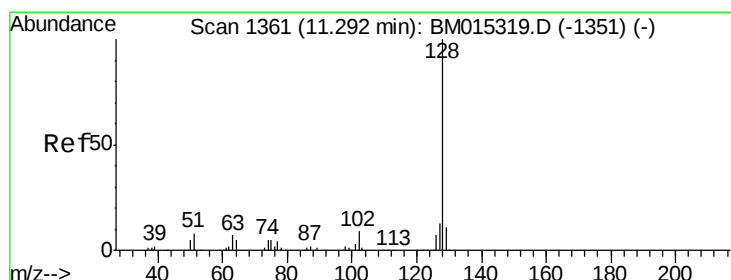
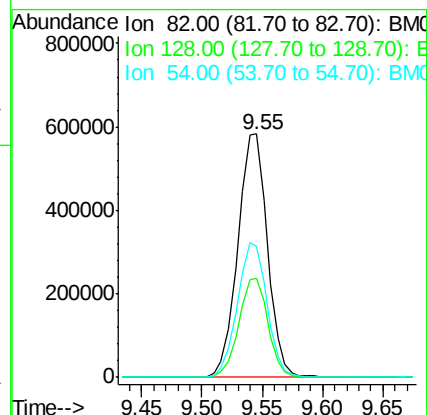
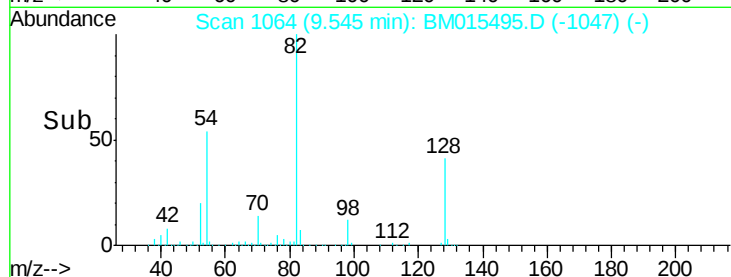
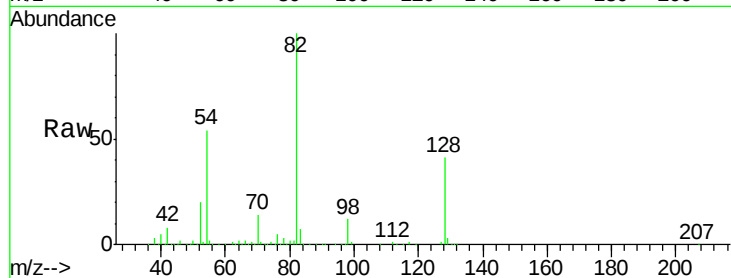
Tot Ion: 82 Resp: 998638

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 53.7 40.6 60.8



#31

Naphthalene

Concen: 5.160 ng

RT: 11.24 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM015495.D

Acq: 06 Jun 2018 18:42

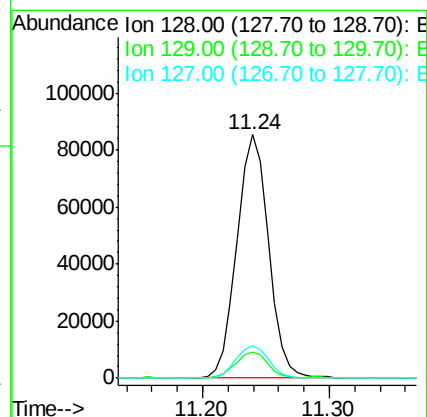
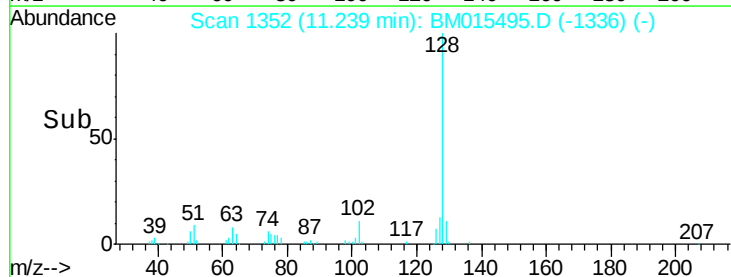
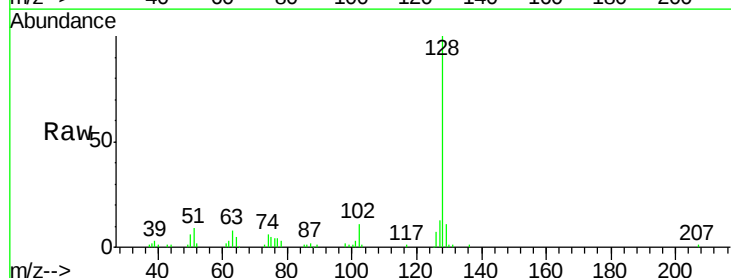
Tgt Ion: 128 Resp: 148276

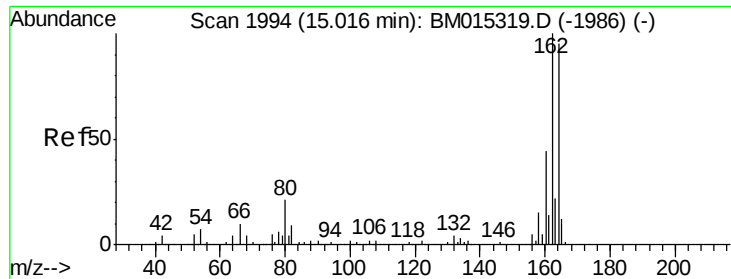
Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.2 10.4 15.6

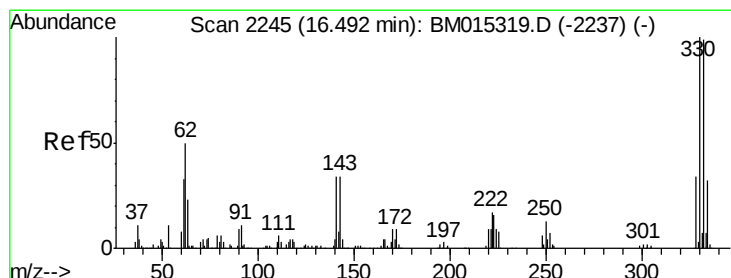
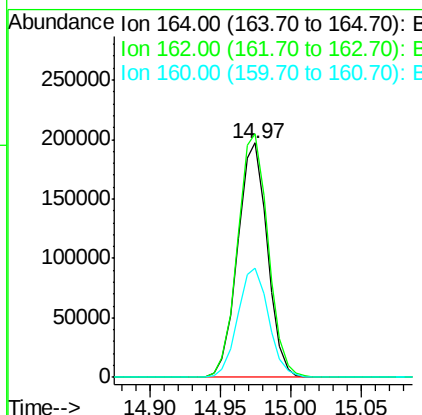
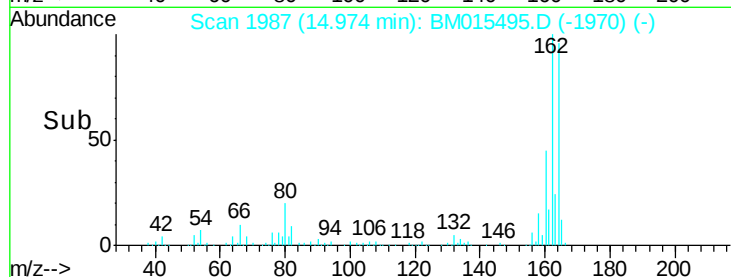
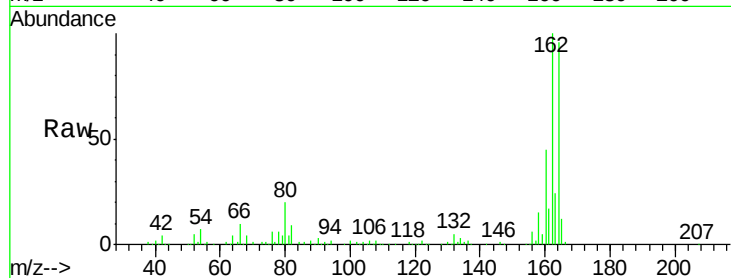




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM015495.D
Acq: 06 Jun 2018 18:42

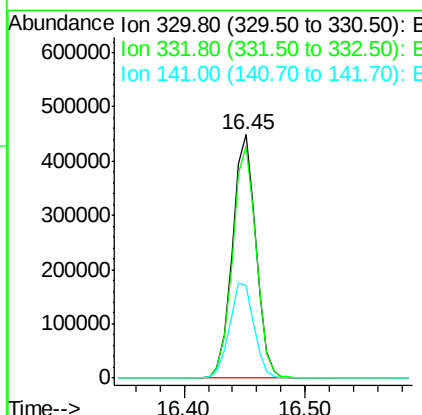
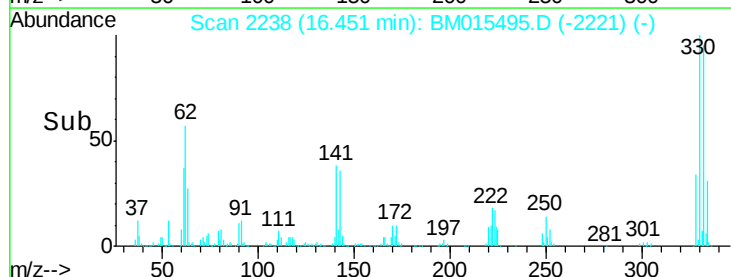
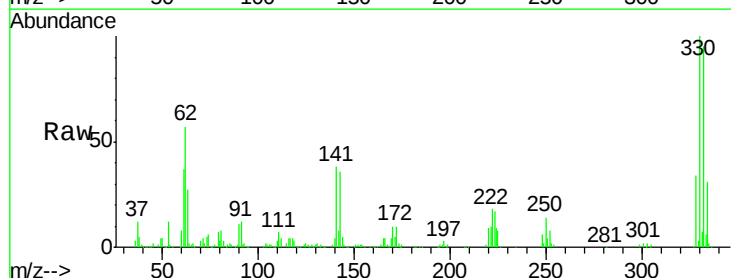
Instrument :
BNA_M
ClientSampleId :
TP-7A-WC-2

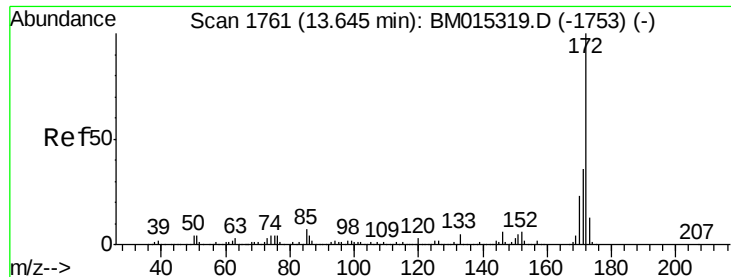
Tot Ion:164 Resp: 288582
Ion Ratio Lower Upper
164 100
162 103.9 82.4 123.6
160 46.4 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 146.856 ng
RT: 16.45 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BM015495.D
Acq: 06 Jun 2018 18:42

Tgt Ion:330 Resp: 609033
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 40.7 0.0 0.0#

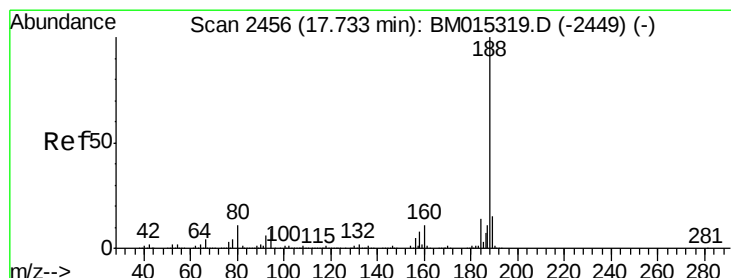
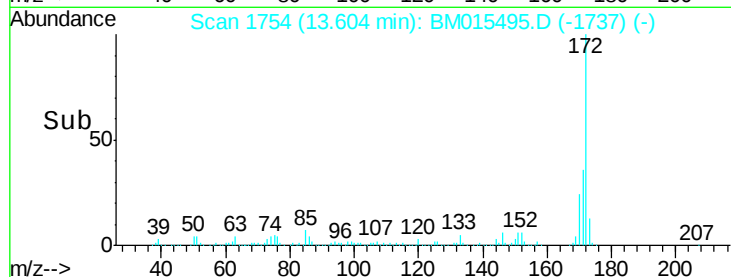
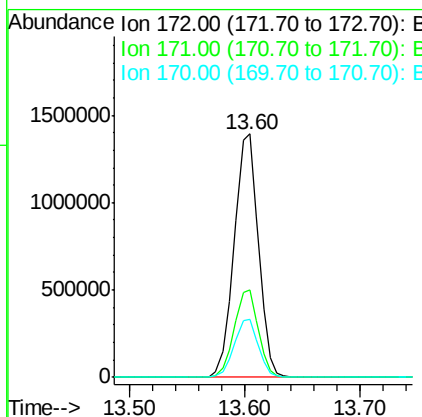
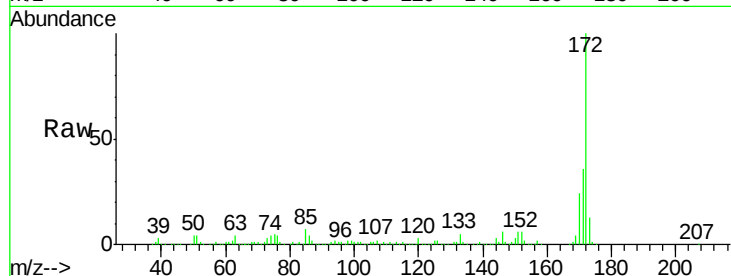




#44
 2-Fluorobiphenyl
 Concen: 94.116 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM015495.D
 Acq: 06 Jun 2018 18:42

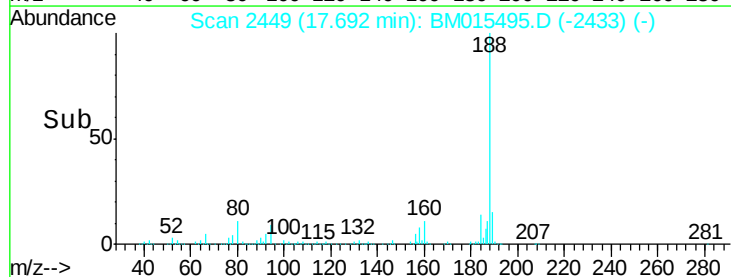
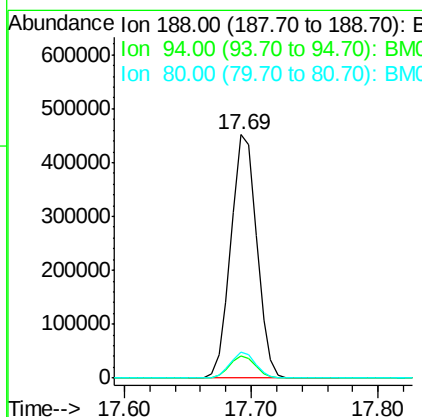
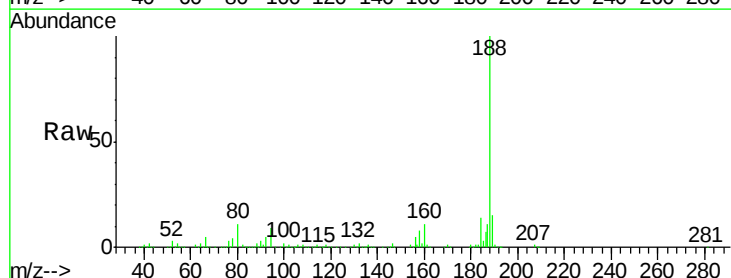
Instrument :
 BNA_M
 ClientSampleId :
 TP-7A-WC-2

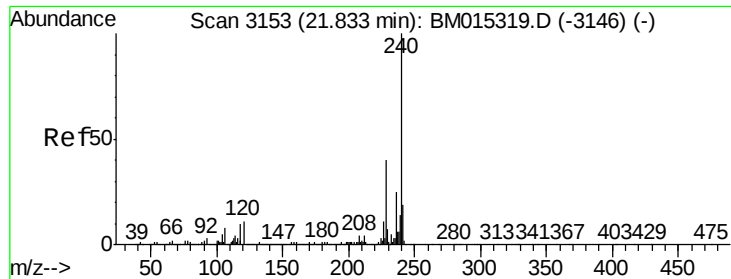
Tot Ion:172 Resp: 2022859
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.0 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015495.D
 Acq: 06 Jun 2018 18:42

Tgt Ion:188 Resp: 637204
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.7 13.1
 80 10.8 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: BM015495.D

Acq: 06 Jun 2018 18:42

Instrument :

BNA_M

ClientSampleId :

TP-7A-WC-2

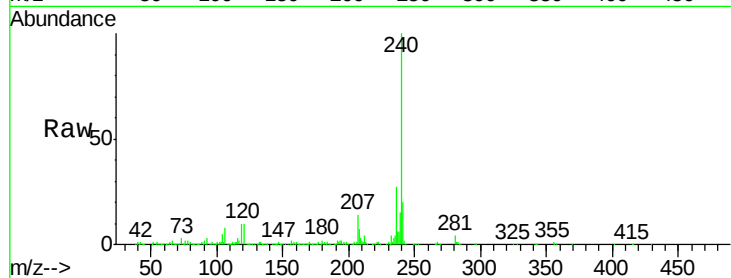
Tot Ion:240 Resp: 645854

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

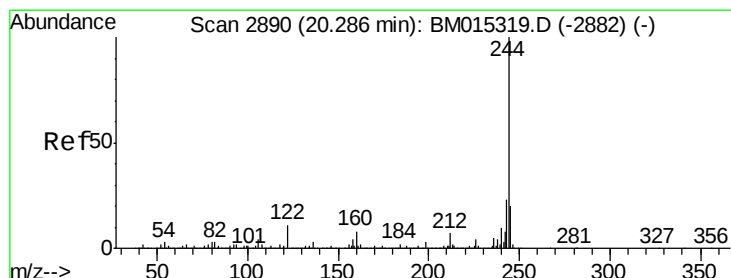
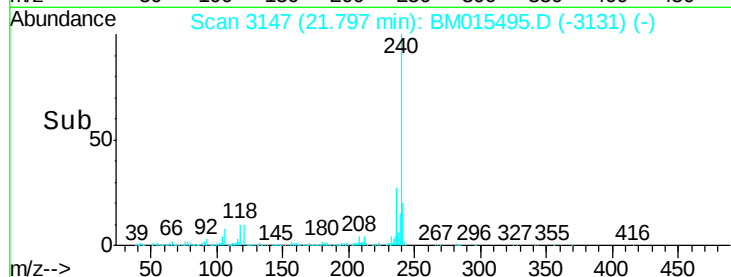
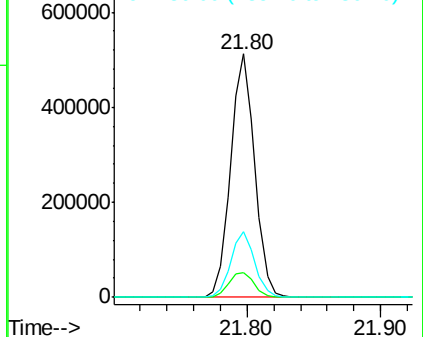
236 26.9 20.0 30.0



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: 126.993 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015495.D

Acq: 06 Jun 2018 18:42

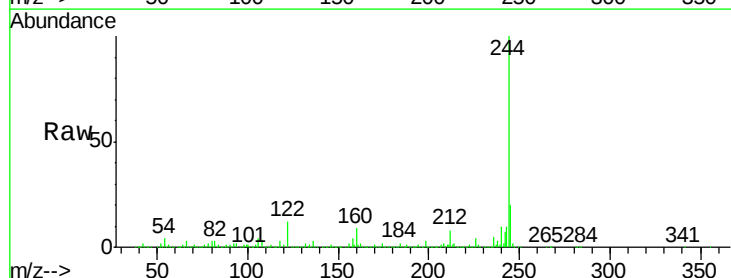
Tgt Ion:244 Resp: 3553414

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

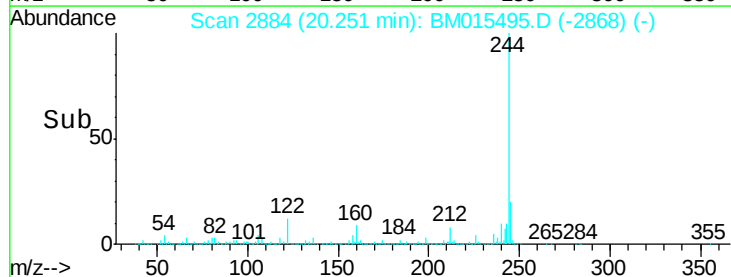
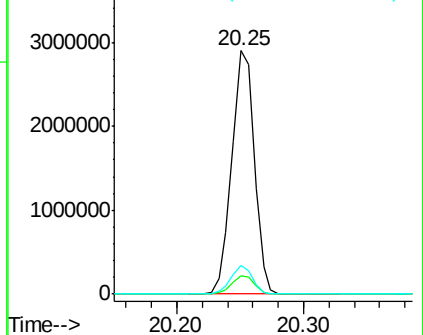
122 11.8 6.2 9.4#

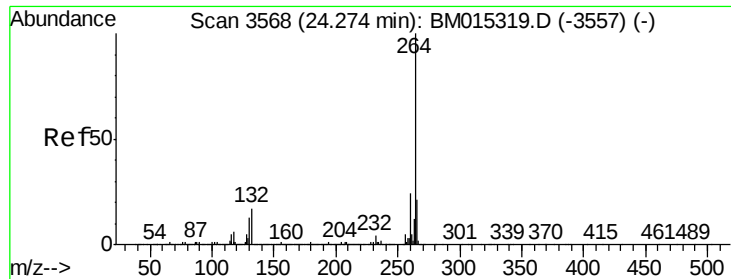


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

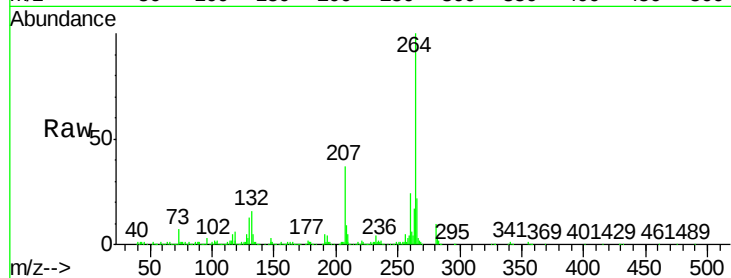




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.22 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM015495.D
Acq: 06 Jun 2018 18:42

Instrument :
BNA_M
ClientSampleId :
TP-7A-WC-2

Tot Ion: 264 Resp: 581511
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 22.0 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

