

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015499.D
 Acq On : 06 Jun 2018 21:11
 Operator : SJ/JU
 Sample : J2309-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 03:18:52 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

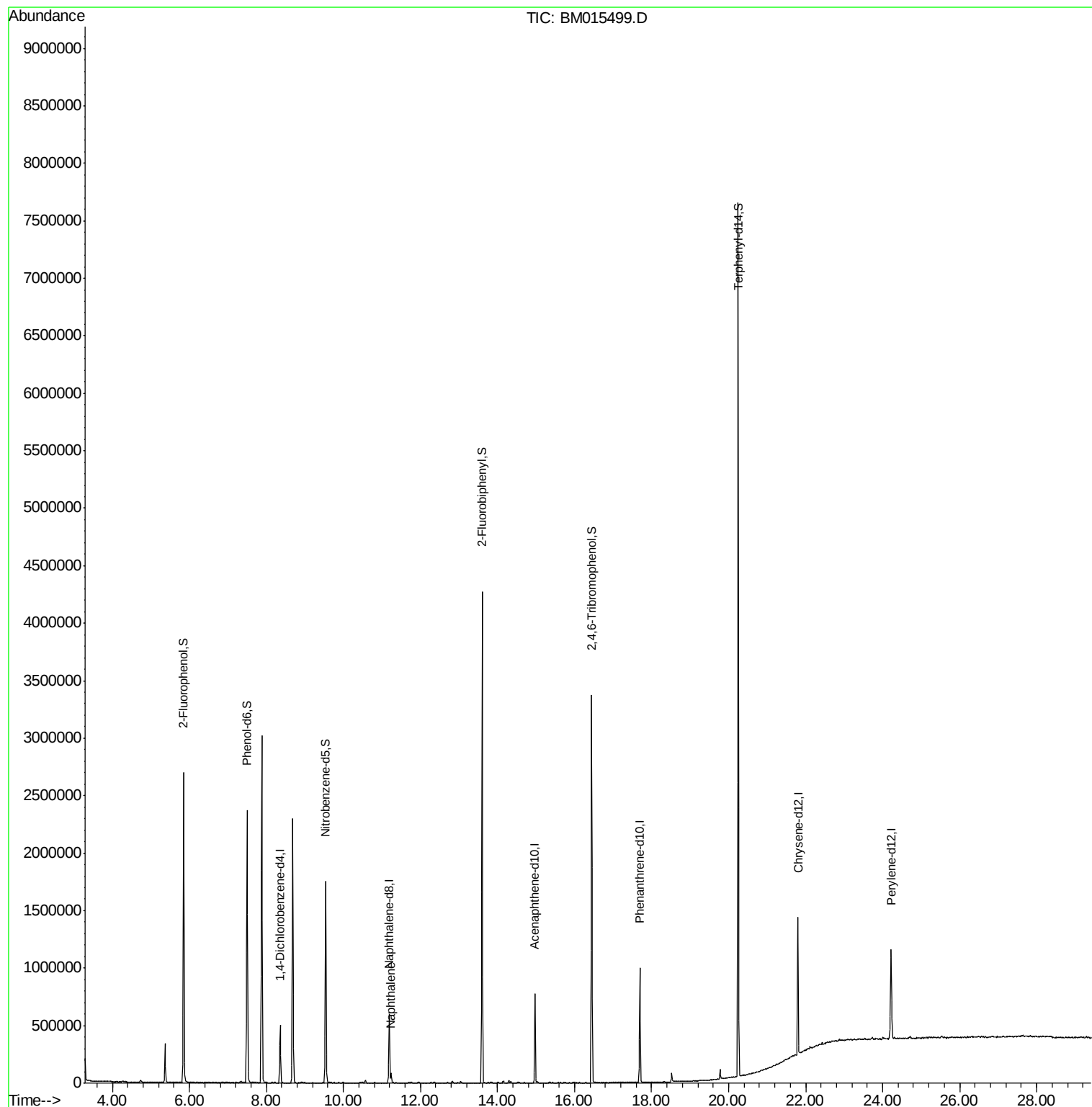
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	127840	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	476436	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	246864	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	538106	20.00	ng	0.00
75) Chrysene-d12	21.80	240	547641	20.00	ng	0.00
86) Perylene-d12	24.22	264	571473	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1036978	137.98	ng	0.00
7) Phenol-d6	7.50	99	1208216	106.36	ng	0.00
23) Nitrobenzene-d5	9.54	82	962144	109.84	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	528209	148.89	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1975279	107.43	ng	0.00
78) Terphenyl-d14	20.25	244	3030339	127.72	ng	0.00
Target Compounds						
31) Naphthalene	11.24	128	67755	2.744	ng	Qvalue 99

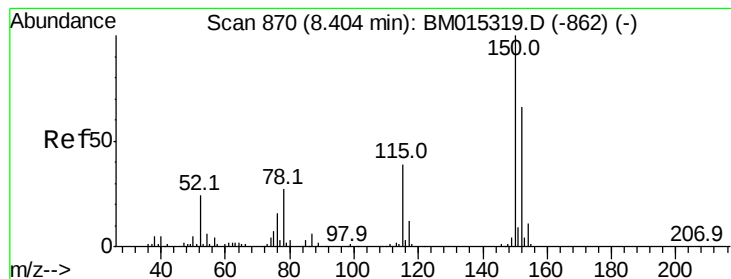
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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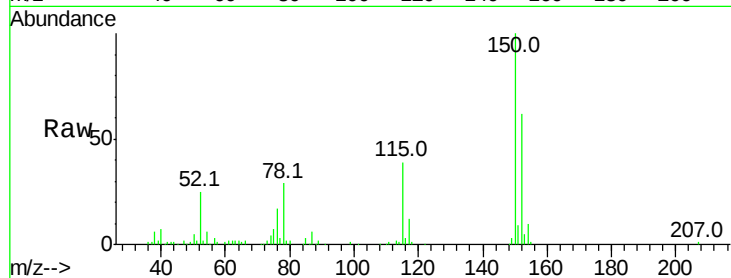


#1

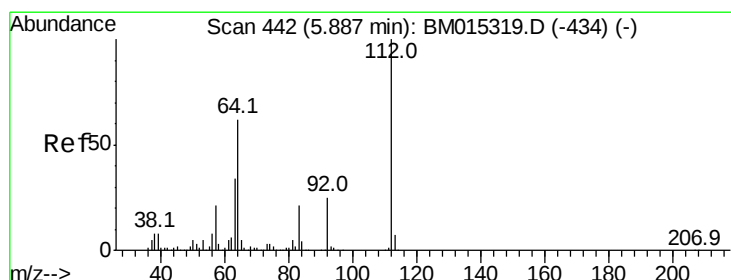
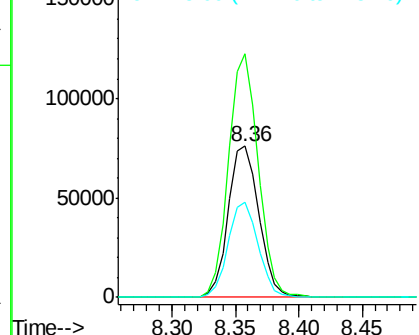
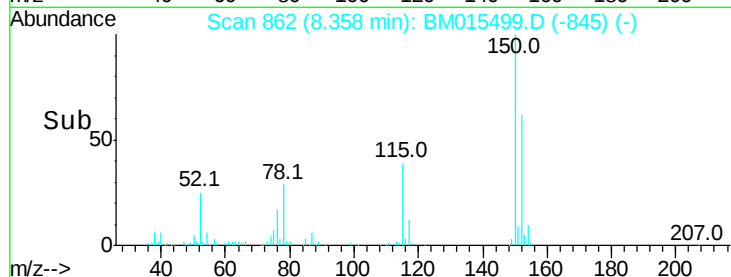
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015499.D
Acq: 06 Jun 2018 21:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 127840
Ion Ratio Lower Upper
152 100
150 160.9 119.5 179.3
115 62.7 43.0 64.4



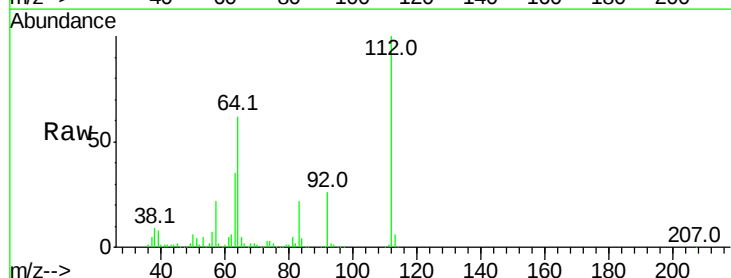
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



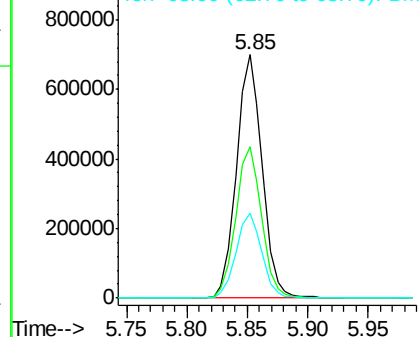
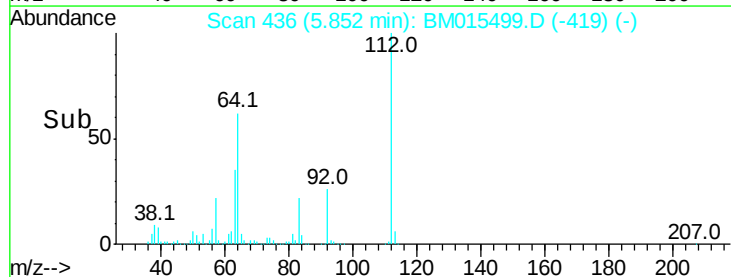
#5

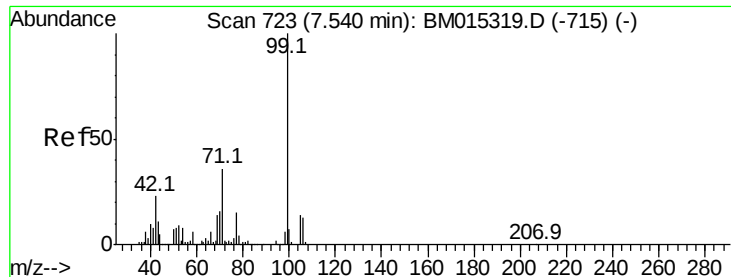
2-Fluorophenol
Concen: 137.978 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015499.D
Acq: 06 Jun 2018 21:11

Tgt Ion:112 Resp: 1036978
Ion Ratio Lower Upper
112 100
64 62.1 38.6 57.8#
63 35.0 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: 106.364 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015499.D

Acq: 06 Jun 2018 21:11

Instrument :

BNA_M

ClientSampleId :

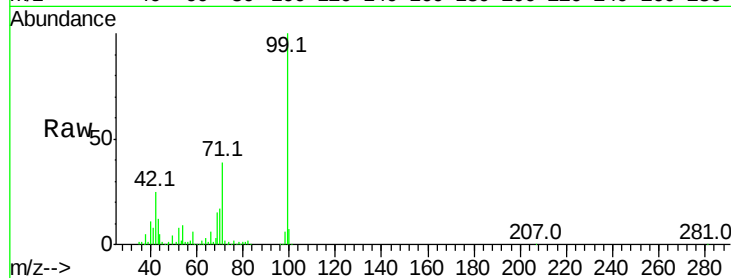
Tot Ion: 99 Resp: 1208216

Ion Ratio Lower Upper

99 100

42 25.4 11.0 16.4#

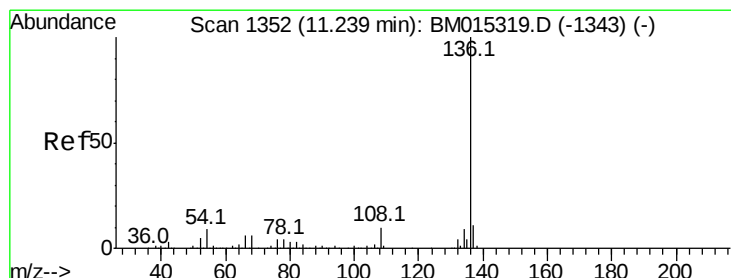
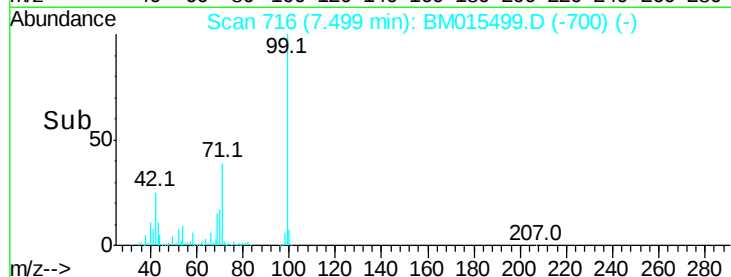
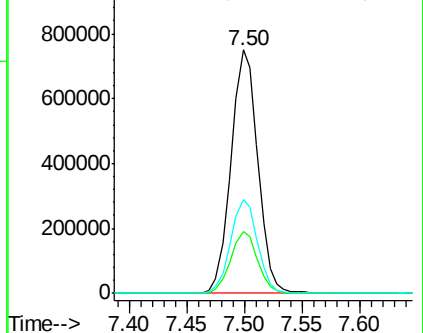
71 38.6 23.4 35.2#



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# 1343

Delta R.T. -0.01 min

Lab File: BM015499.D

Acq: 06 Jun 2018 21:11

Tgt Ion: 136 Resp: 476436

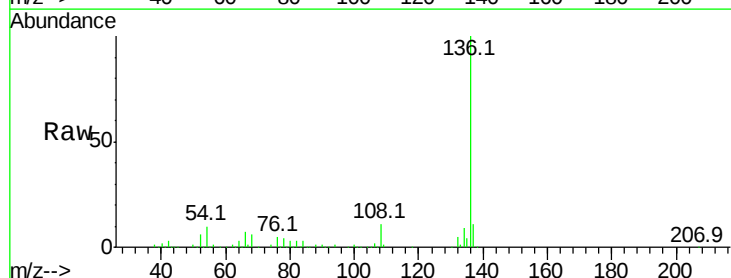
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.5 4.6 6.8#

68 6.3 3.7 5.5#

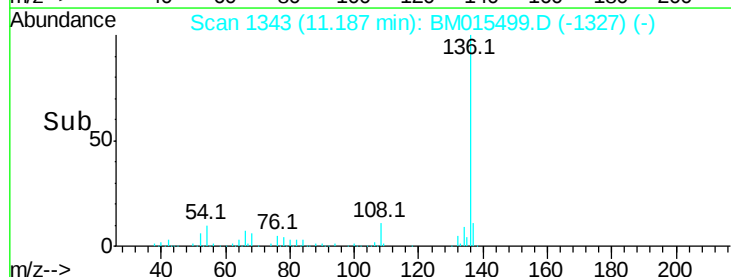
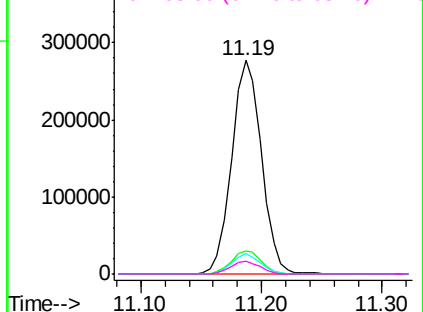


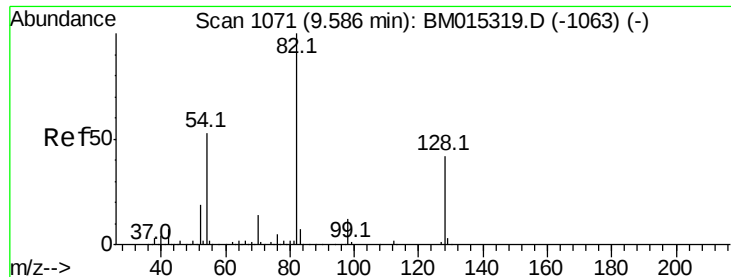
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

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) (-)

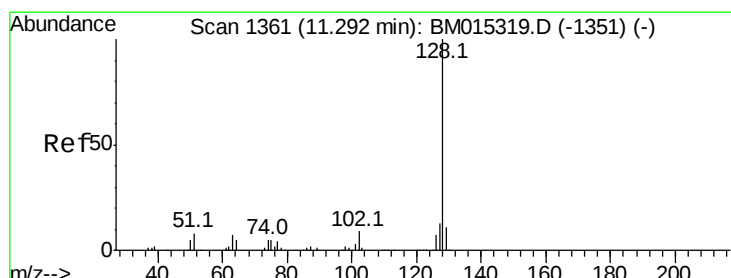
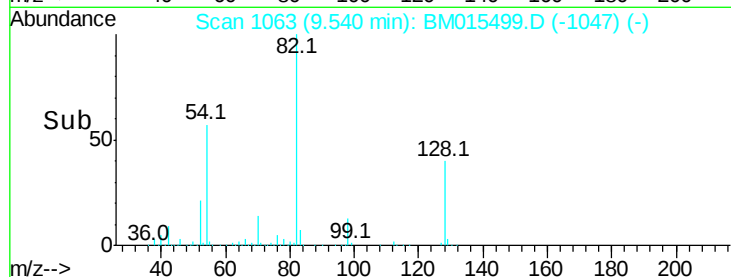
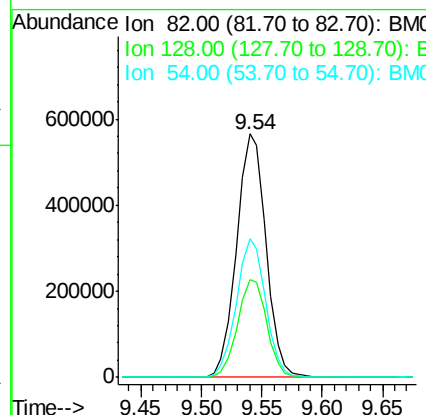
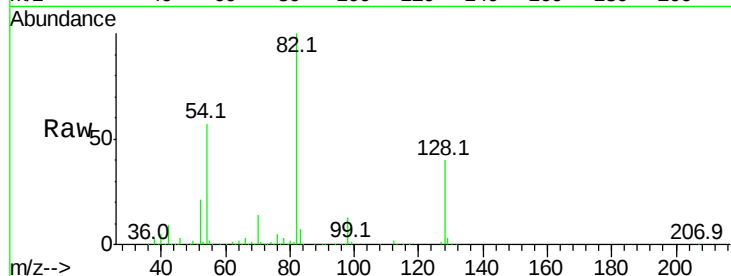




#23
 Nitrobenzene-d5
 Concen: 109.845 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015499.D
 Acq: 06 Jun 2018 21:11

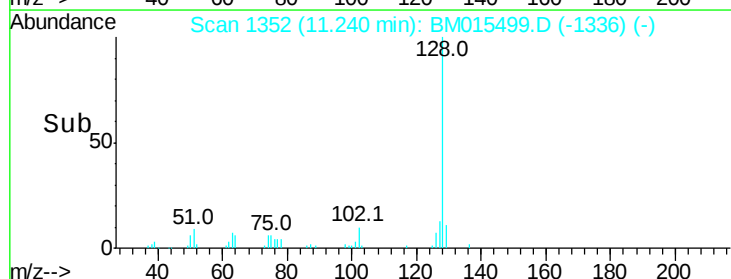
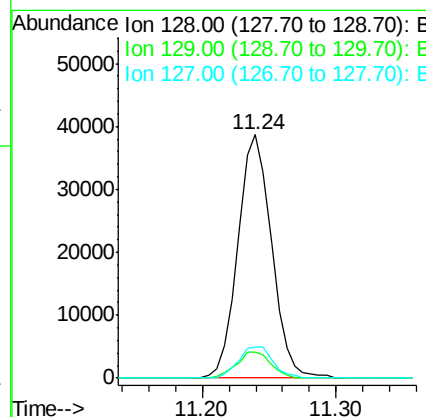
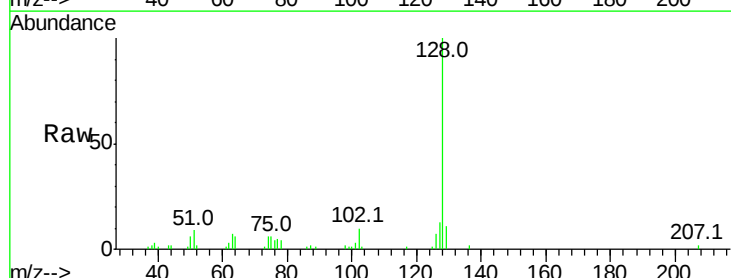
Instrument :
 BNA_M
 ClientSampleId :

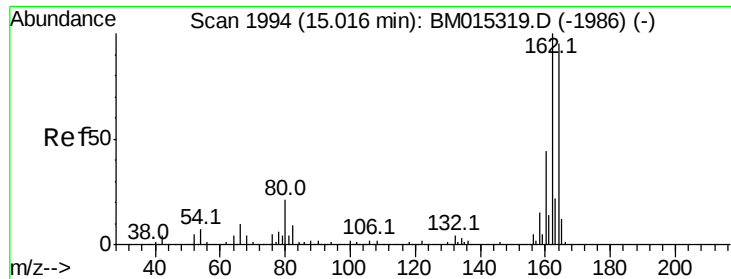
Tot Ion: 82 Resp: 962144
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.8 49.2
 54 56.9 40.6 60.8



#31
 Naphthalene
 Concen: 2.744 ng
 RT: 11.24 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BM015499.D
 Acq: 06 Jun 2018 21:11

Tgt Ion: 128 Resp: 67755
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.9 13.3
 127 12.7 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.97 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM015499.D

Acq: 06 Jun 2018 21:11

Instrument :

BNA_M

ClientSampleId :

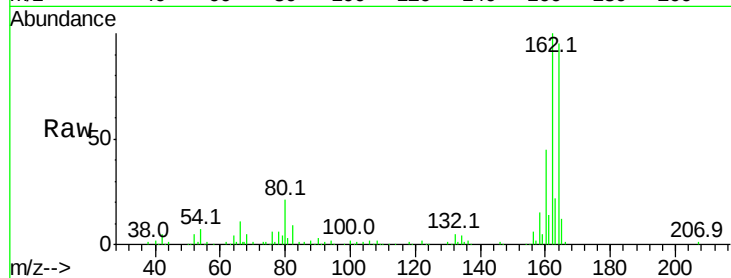
Tot Ion:164 Resp: 246864

Ion Ratio Lower Upper

164 100

162 105.0 82.4 123.6

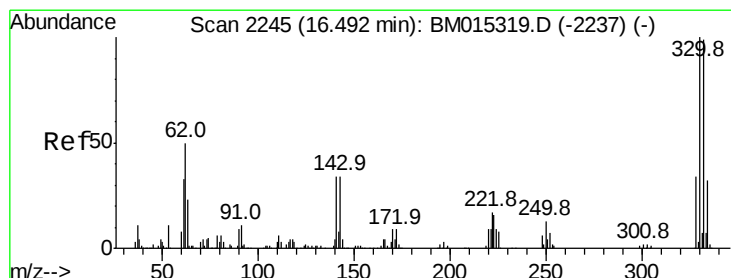
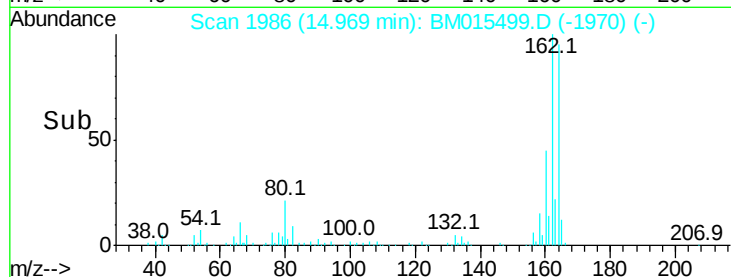
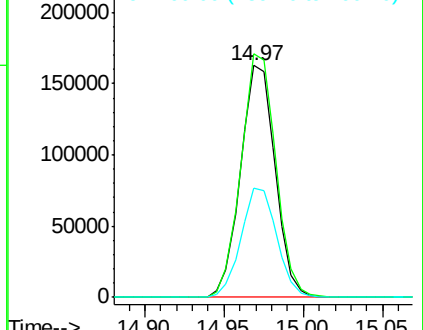
160 47.3 35.8 53.6



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: 148.891 ng

RT: 16.45 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BM015499.D

Acq: 06 Jun 2018 21:11

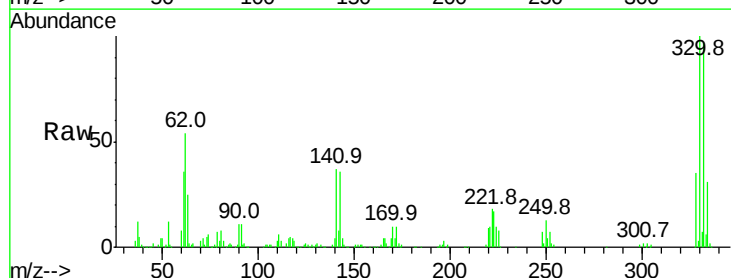
Tgt Ion:330 Resp: 528209

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

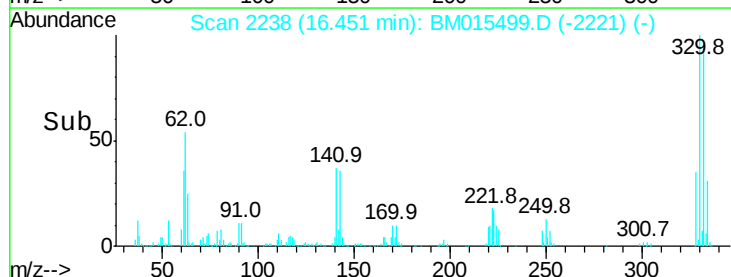
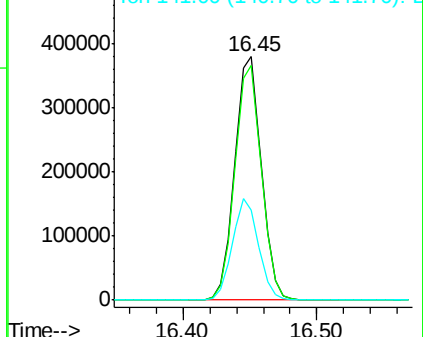
141 41.2 0.0 0.0#

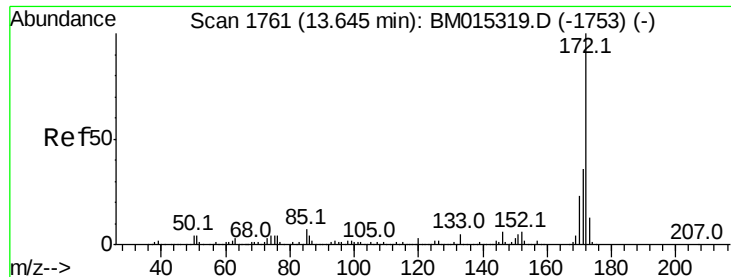


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



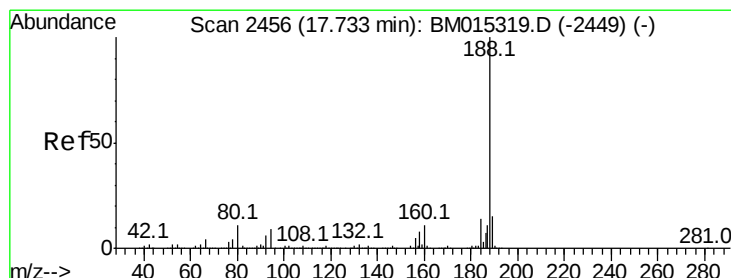
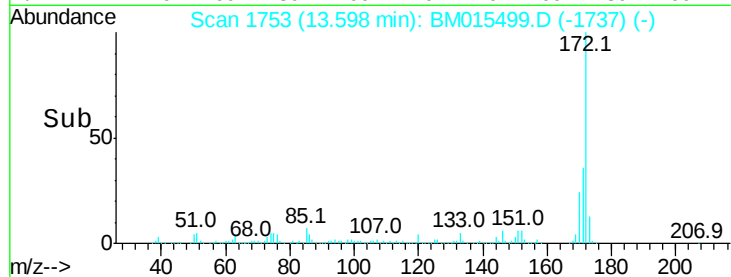
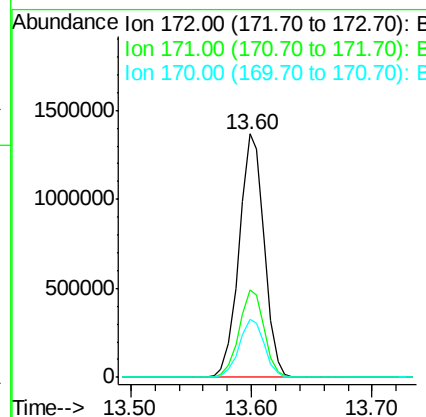
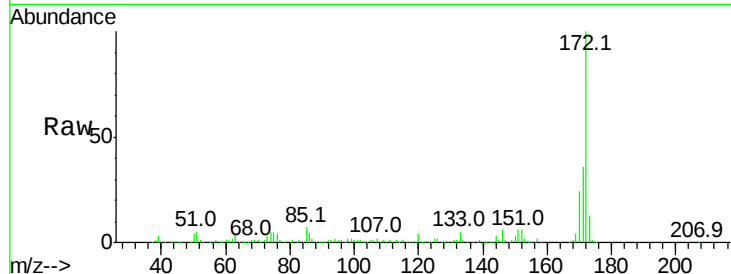


#44
 2-Fluorobiphenyl
 Concen: 107.433 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015499.D
 Acq: 06 Jun 2018 21:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1975279

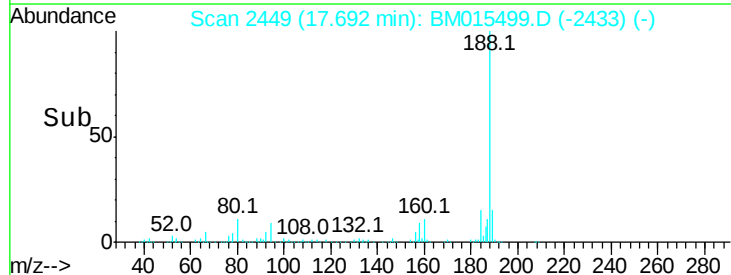
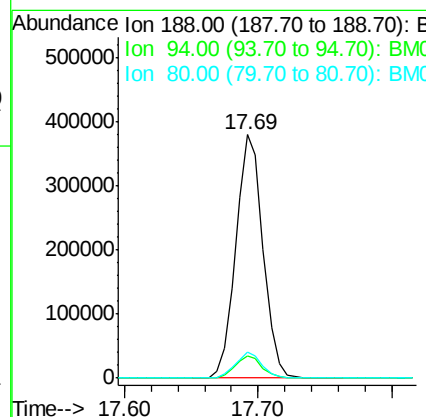
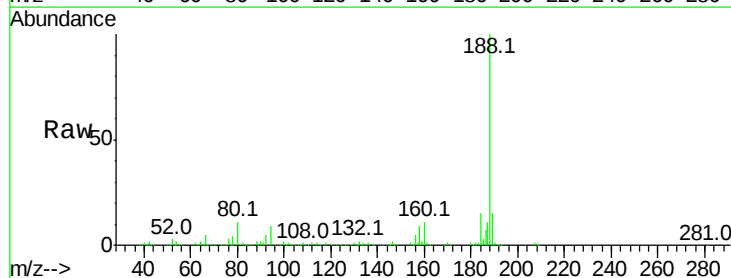
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.8	18.8	28.2

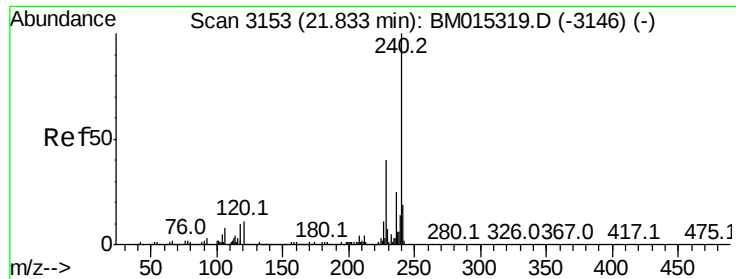


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015499.D
 Acq: 06 Jun 2018 21:11

Tgt Ion:188 Resp: 538106

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.7	13.1
80	10.6	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: BM015499.D

Acq: 06 Jun 2018 21:11

Instrument :

BNA_M

ClientSampled :

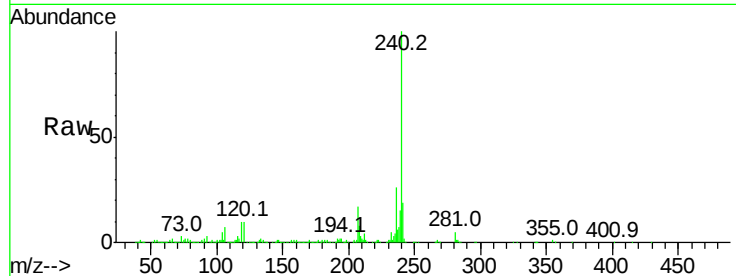
Tot Ion:240 Resp: 547641

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

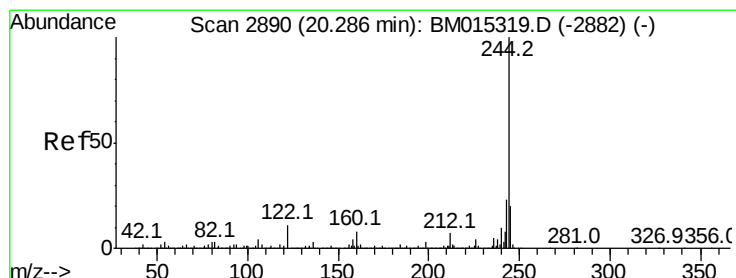
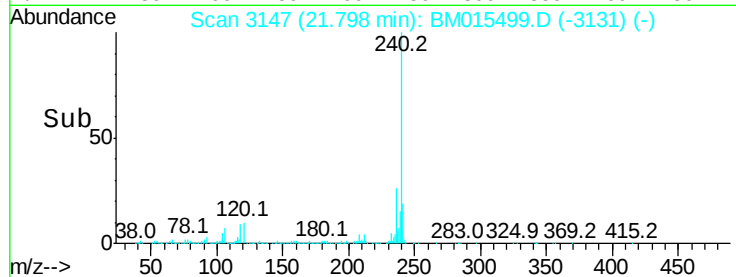
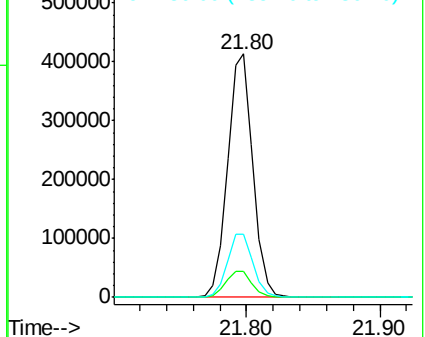
236 26.0 20.0 30.0



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: 127.721 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015499.D

Acq: 06 Jun 2018 21:11

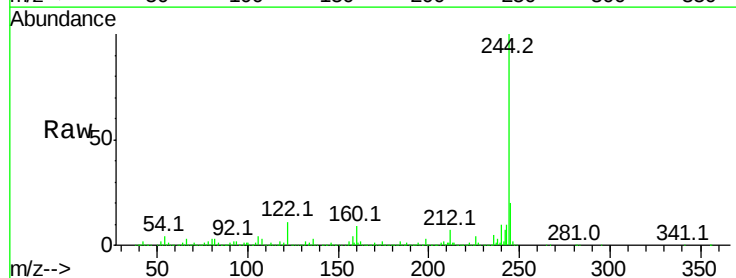
Tgt Ion:244 Resp: 3030339

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

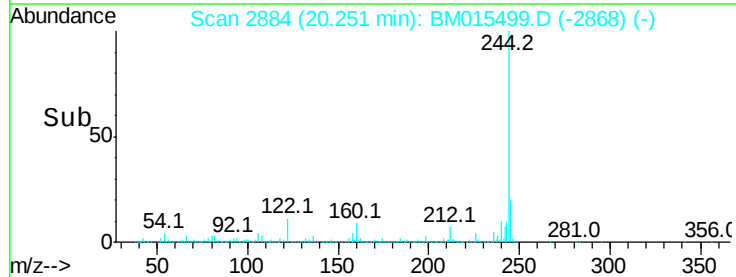
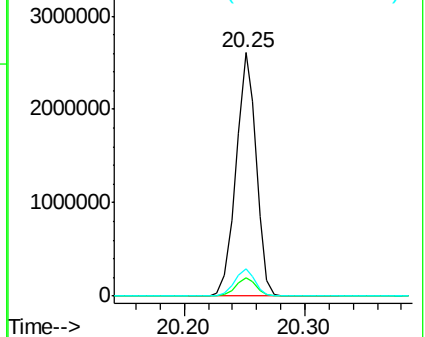
122 11.4 6.2 9.4#

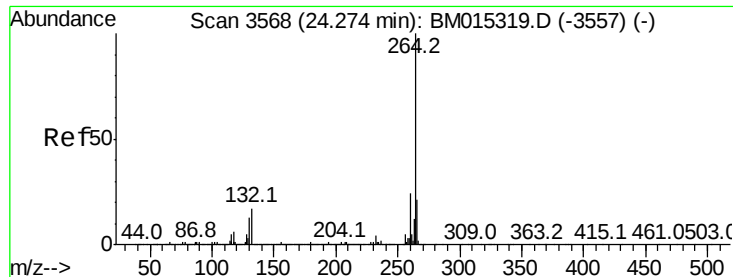


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

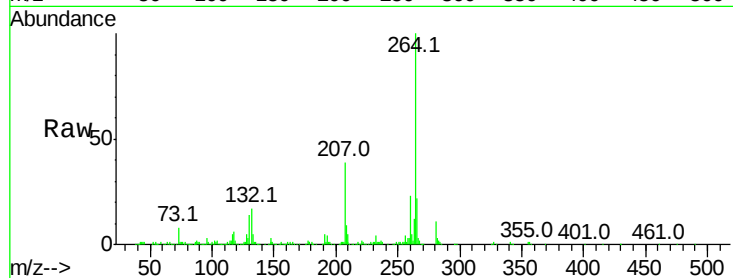




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.22 min Scan# 3558
 Delta R.T. -0.01 min
 Lab File: BM015499.D
 Acq: 06 Jun 2018 21:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

