

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015514.D
 Acq On : 07 Jun 2018 07:08
 Operator : SJ/JU
 Sample : J3307-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 07:43:27 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

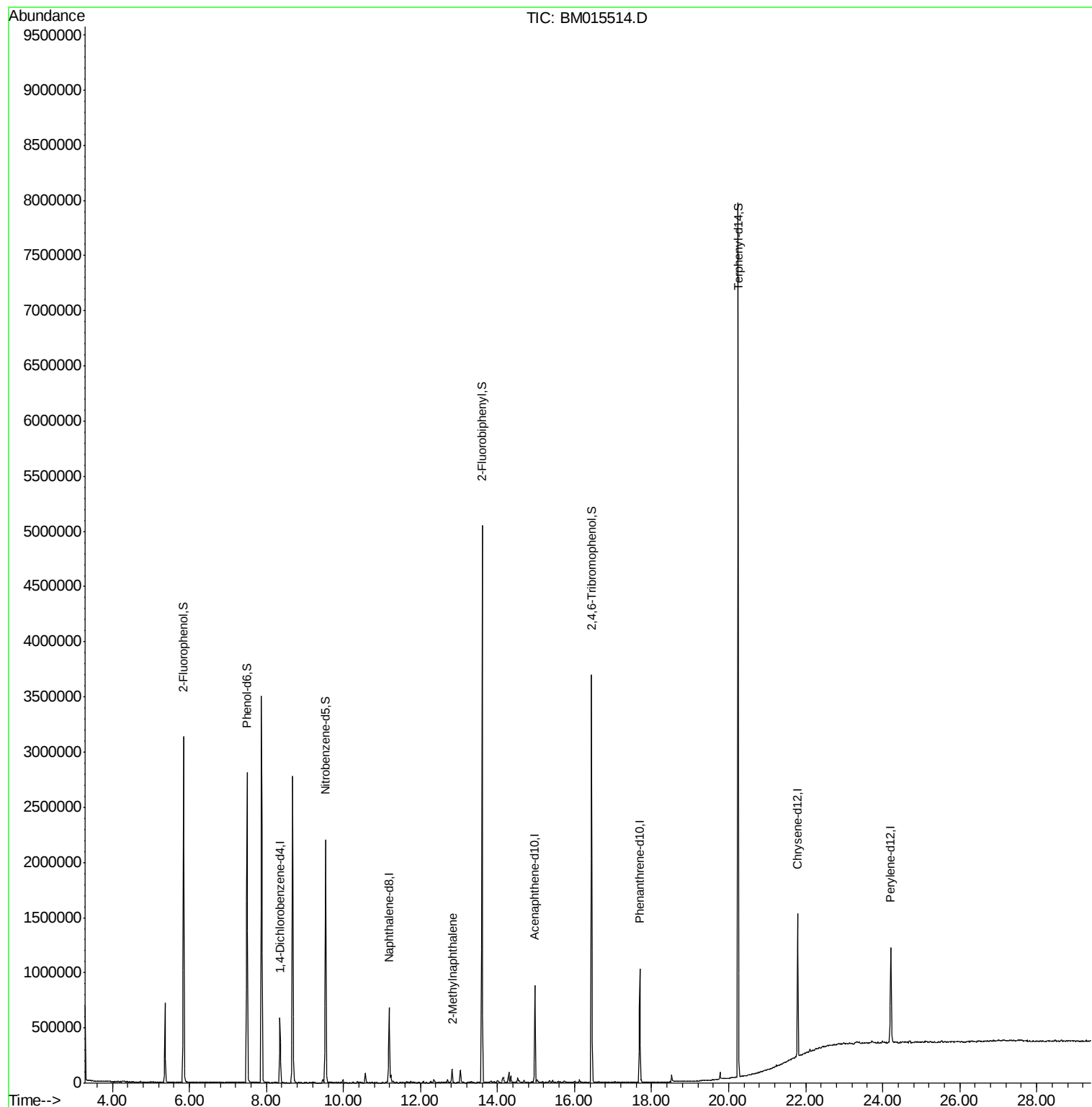
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	147518	20.00	ng	0.00
21) Naphthalene-d8	11.18	136	544737	20.00	ng	-0.01
38) Acenaphthene-d10	14.97	164	276833	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	579236	20.00	ng	0.00
75) Chrysene-d12	21.79	240	576782	20.00	ng	-0.01
86) Perylene-d12	24.21	264	596199	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1236475	142.58	ng	0.00
7) Phenol-d6	7.50	99	1436180	109.57	ng	0.00
23) Nitrobenzene-d5	9.54	82	1167021	116.53	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	586705	147.48	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2331603	113.08	ng	0.00
78) Terphenyl-d14	20.24	244	3331881	133.34	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	12.82	142	60063	2.831	ng	Qvalue 98

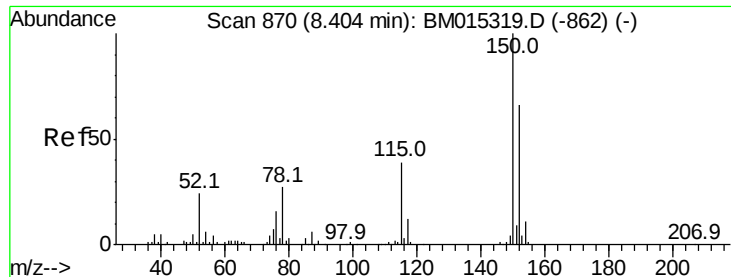
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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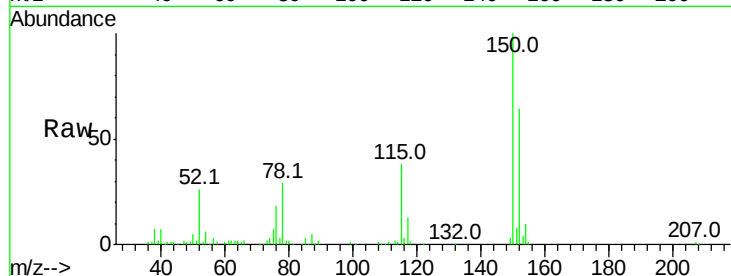


#1

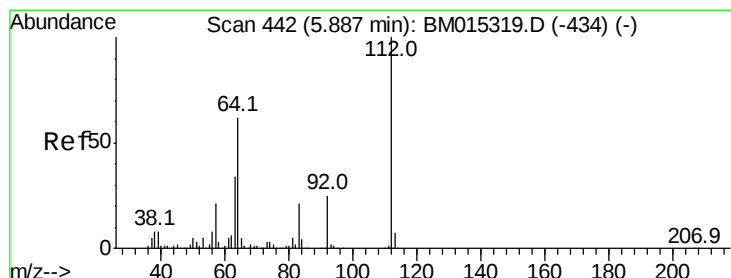
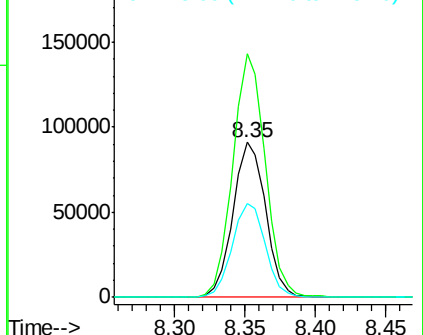
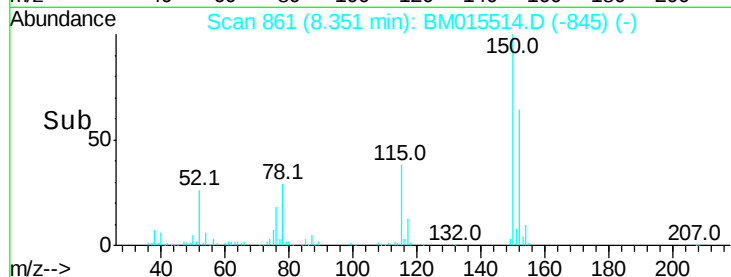
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015514.D
Acq: 07 Jun 2018 07:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	147518
Ion Ratio	Lower	Upper	
152	100		
150	156.8	119.5	179.3
115	60.3	43.0	64.4



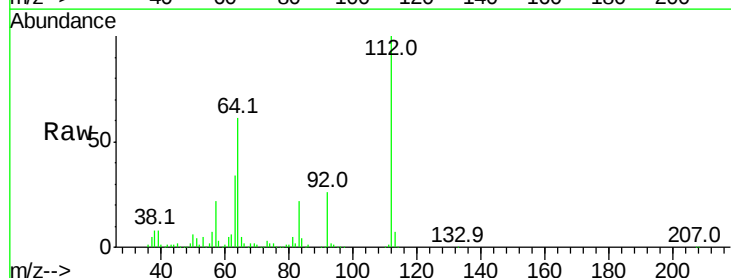
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



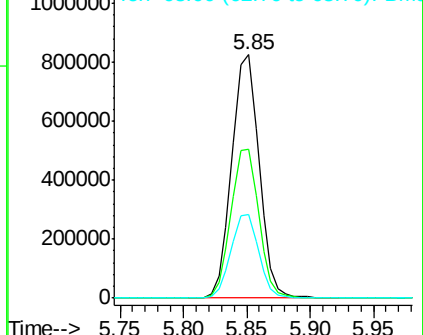
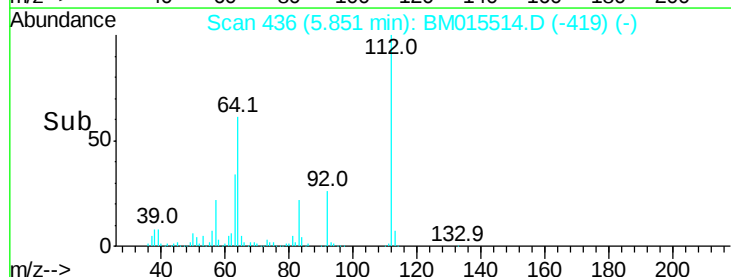
#5

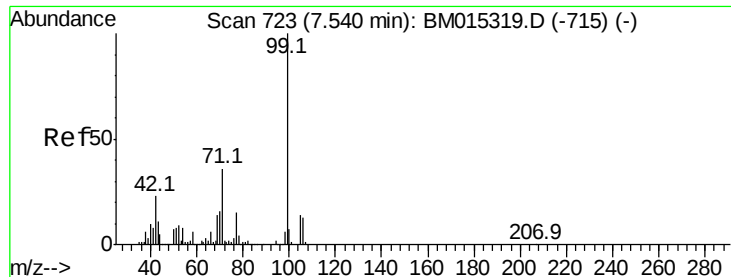
2-Fluorophenol
Concen: 142.576 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015514.D
Acq: 07 Jun 2018 07:08

Tgt Ion	112	Resp	1236475
Ion Ratio	Lower	Upper	
112	100		
64	61.4	38.6	57.8#
63	34.2	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: 109.567 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015514.D

Acq: 07 Jun 2018 07:08

Instrument :

BNA_M

ClientSampleId :

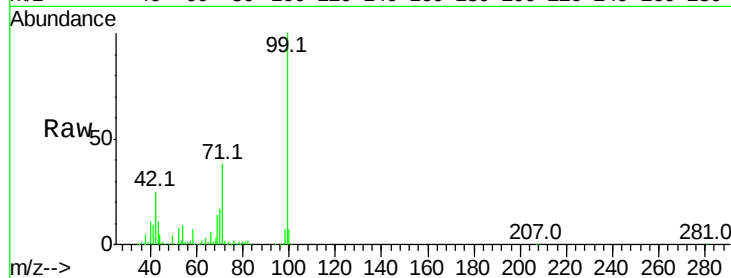
Tot Ion: 99 Resp: 1436180

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

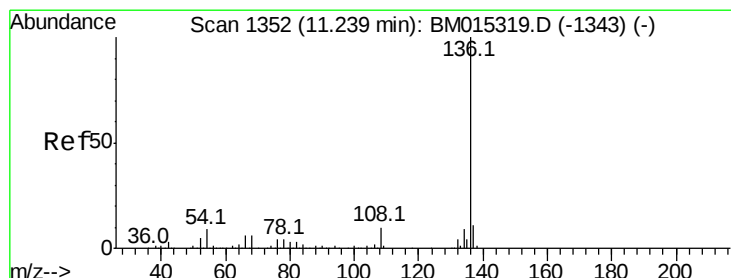
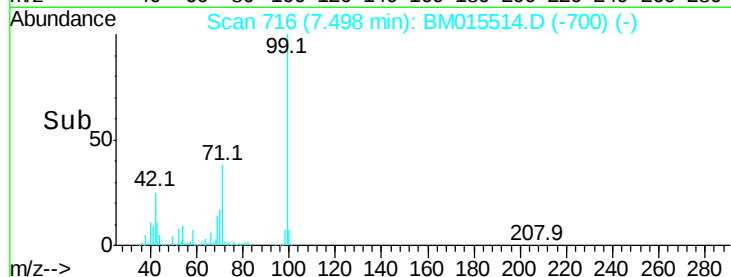
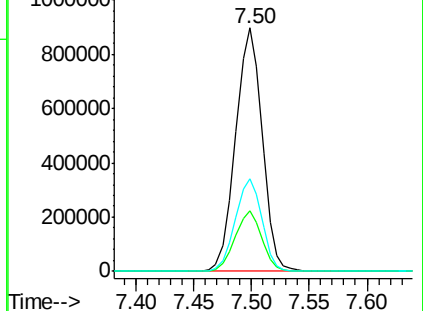
71 37.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015514.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015514.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015514.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015514.D

Acq: 07 Jun 2018 07:08

Tgt Ion: 136 Resp: 544737

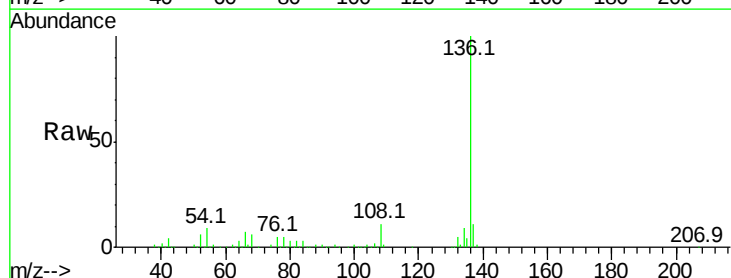
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.8 4.6 6.8#

68 6.0 3.7 5.5#

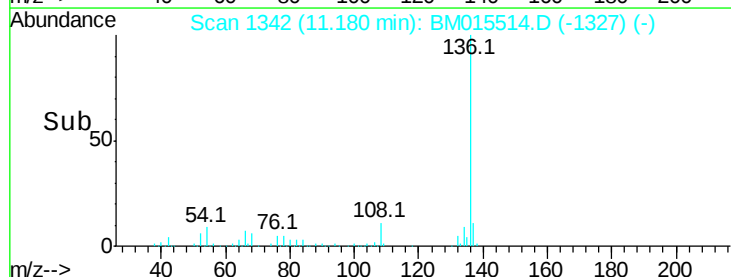
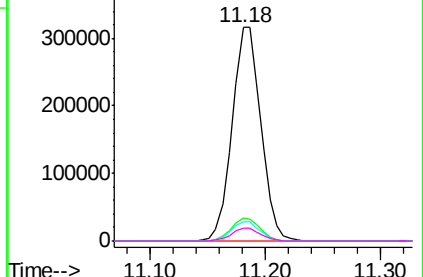


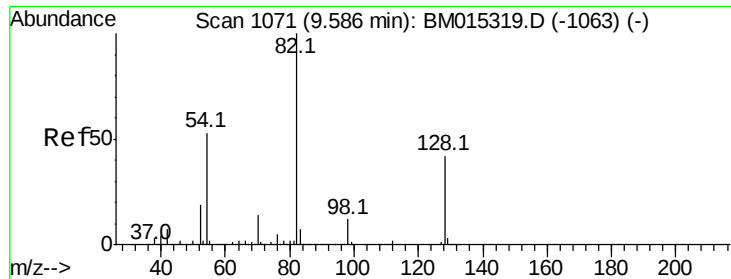
Abundance Ion 136.00 (135.70 to 136.70): BM015514.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015514.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015514.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015514.D (-1327) (-)

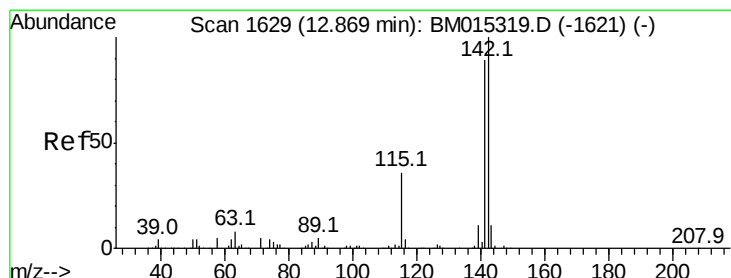
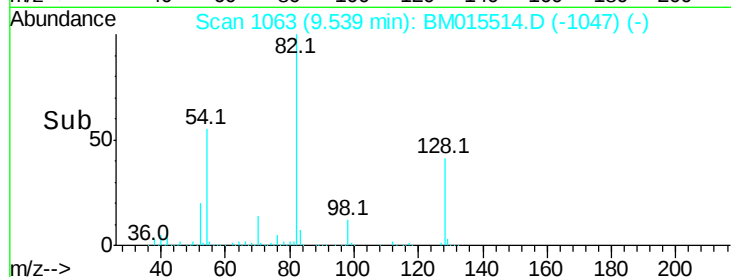
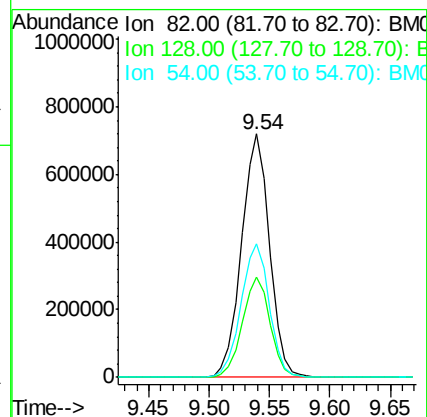
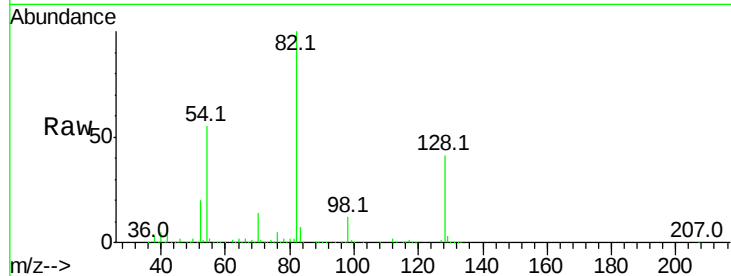




#23
Nitrobenzene-d5
Concen: 116.530 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015514.D
Acq: 07 Jun 2018 07:08

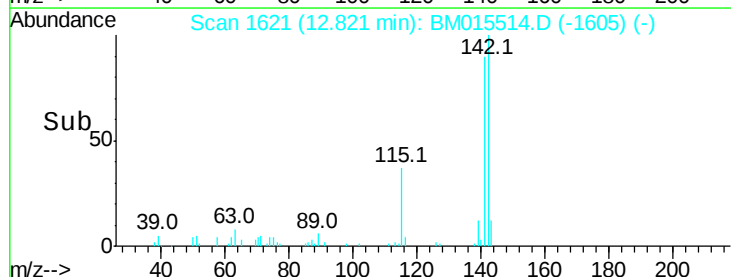
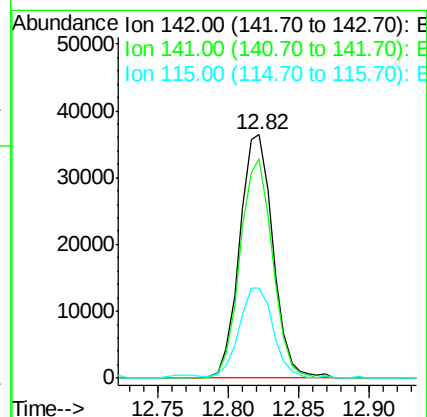
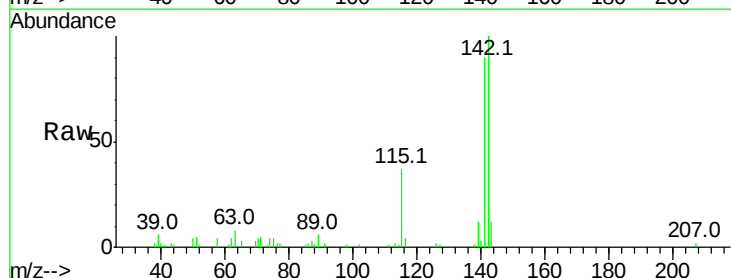
Instrument :
BNA_M
ClientSampled :

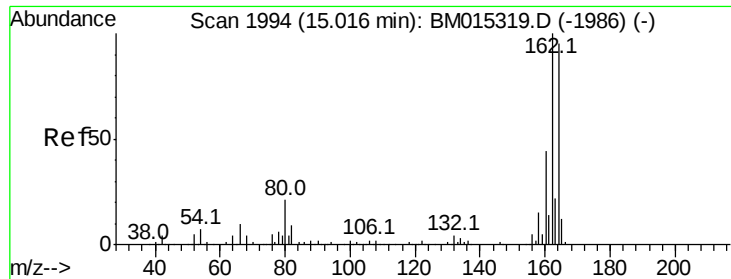
Tot Ion: 82 Resp: 1167021
Ion Ratio Lower Upper
82 100
128 41.2 32.8 49.2
54 54.6 40.6 60.8



#37
2-Methylnaphthalene
Concen: 2.831 ng
RT: 12.82 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM015514.D
Acq: 07 Jun 2018 07:08

Tgt Ion: 142 Resp: 60063
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 36.9 25.4 38.0

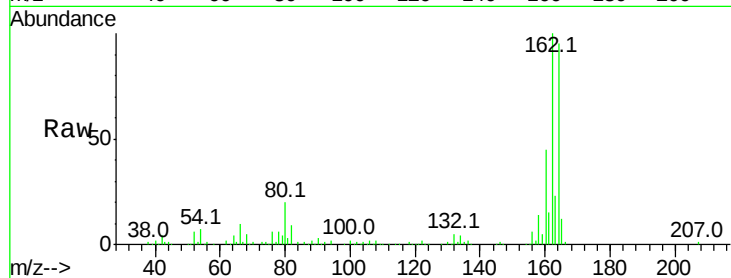




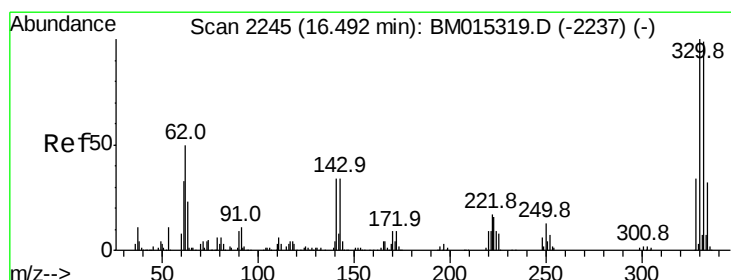
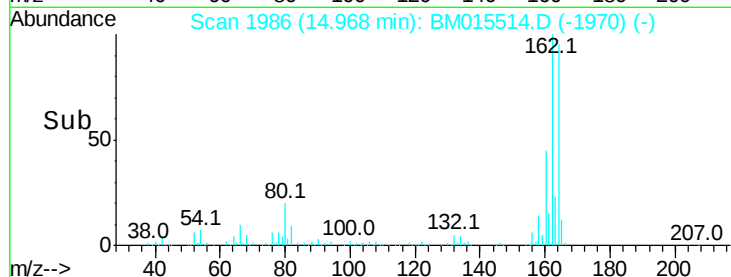
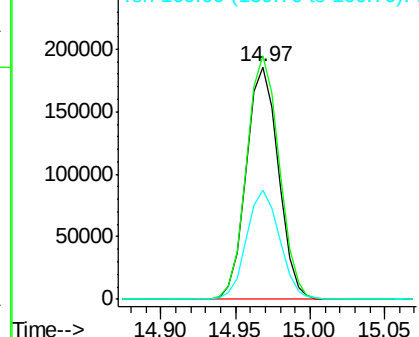
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM015514.D
Acq: 07 Jun 2018 07:08

Instrument :
BNA_M
ClientSampled :

Tot Ion:164 Resp: 276833
Ion Ratio Lower Upper
164 100
162 104.8 82.4 123.6
160 47.0 35.8 53.6

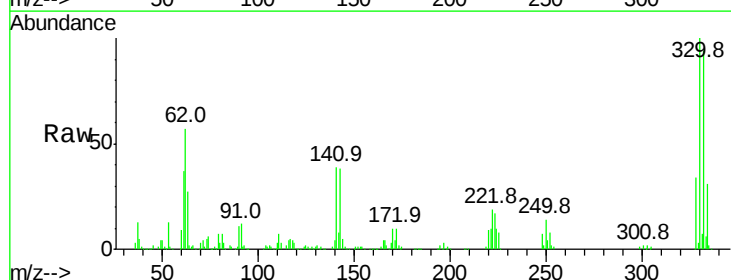


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

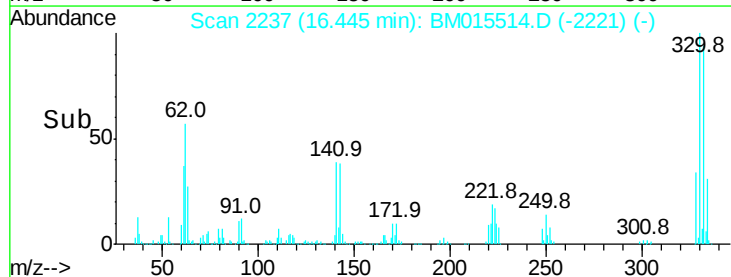
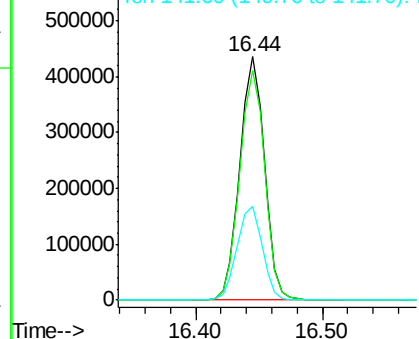


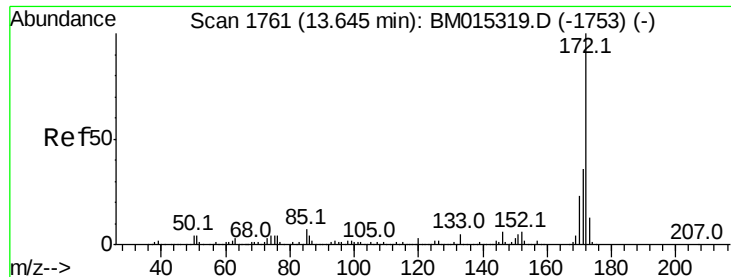
#41
2,4,6-Tribromophenol
Concen: 147.476 ng
RT: 16.44 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM015514.D
Acq: 07 Jun 2018 07:08

Tgt Ion:330 Resp: 586705
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 39.8 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



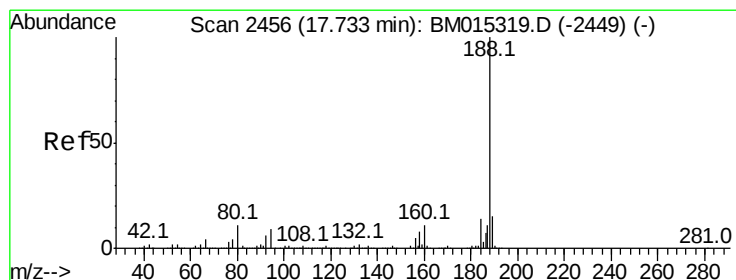
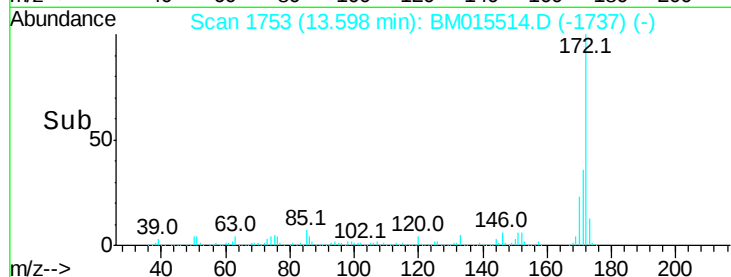
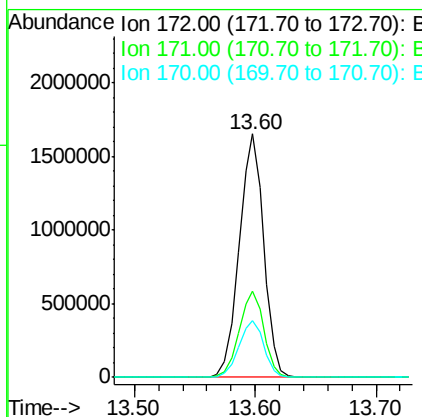
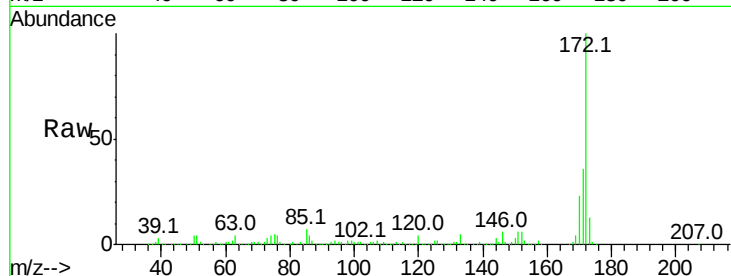


#44
 2-Fluorobiphenyl
 Concen: 113.085 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015514.D
 Acq: 07 Jun 2018 07:08

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2331603

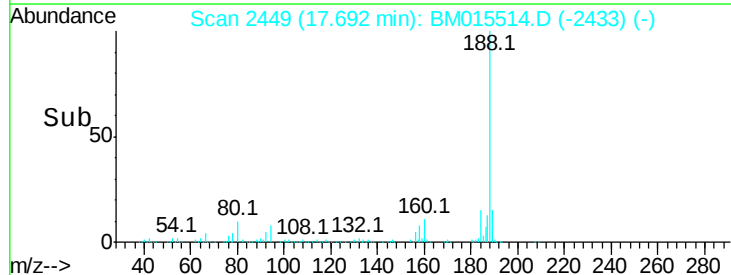
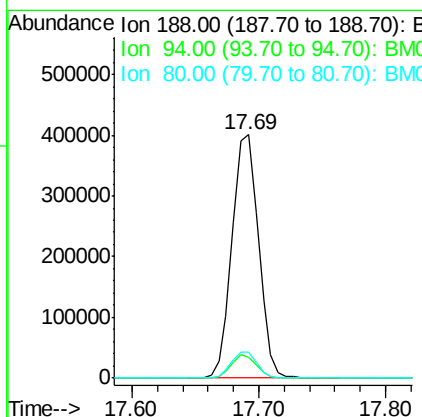
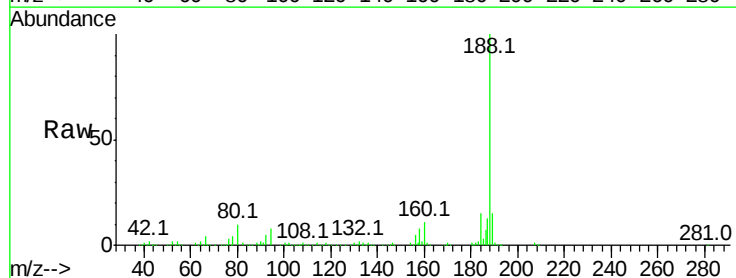
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.8	28.2

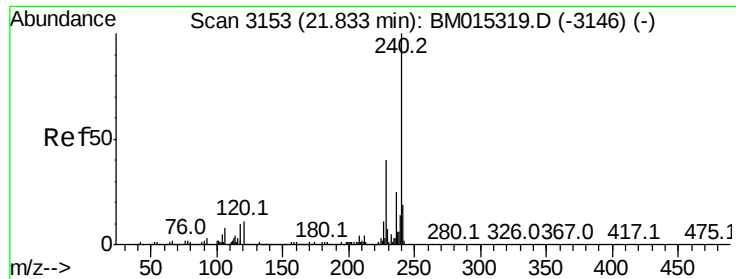


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015514.D
 Acq: 07 Jun 2018 07:08

Tgt Ion:188 Resp: 579236

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.7	13.1#
80	10.5	9.3	13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015514.D

Acq: 07 Jun 2018 07:08

Instrument :

BNA_M

ClientSampleId :

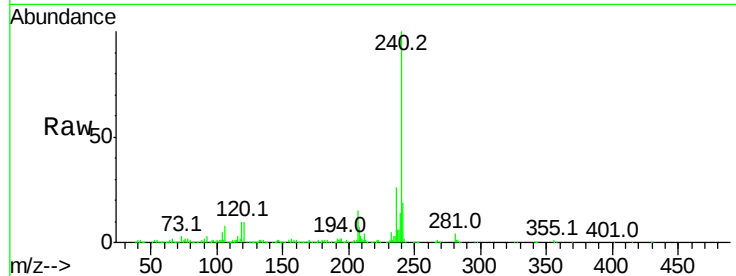
Tot Ion:240 Resp: 576782

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

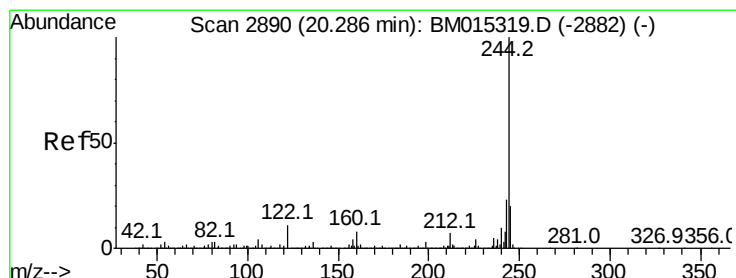
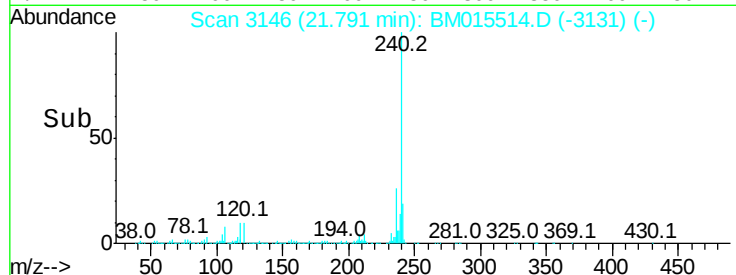
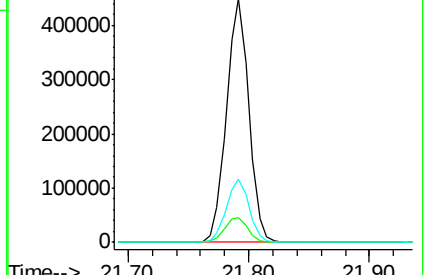
236 26.0 20.0 30.0



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: 133.336 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015514.D

Acq: 07 Jun 2018 07:08

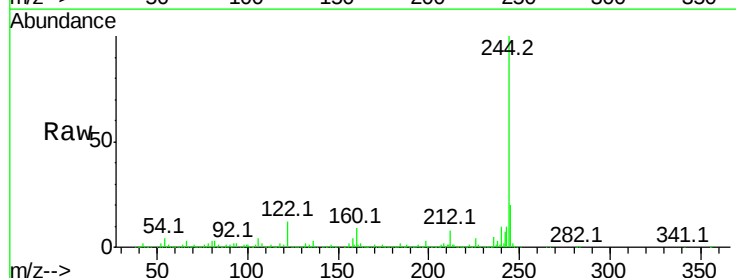
Tgt Ion:244 Resp: 3331881

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

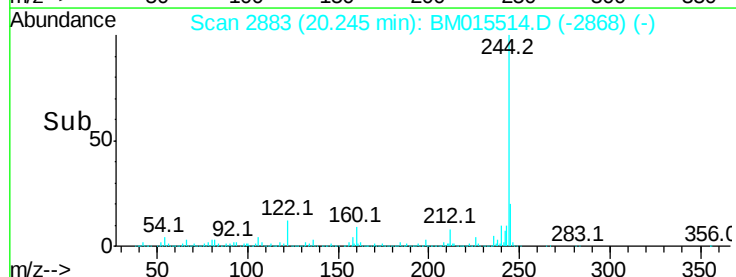
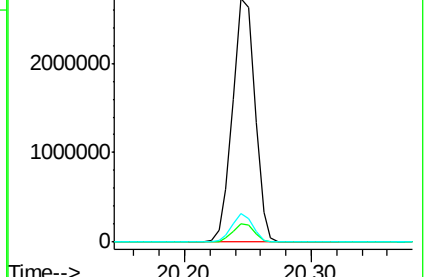
122 11.5 6.2 9.4#

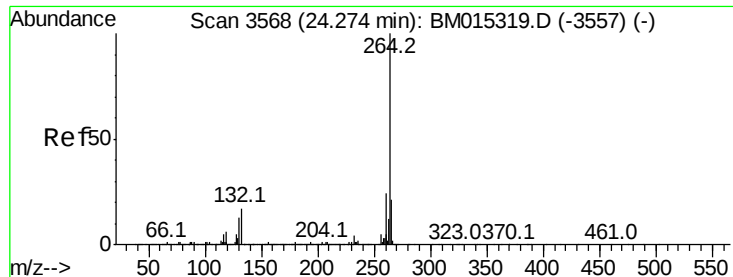


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

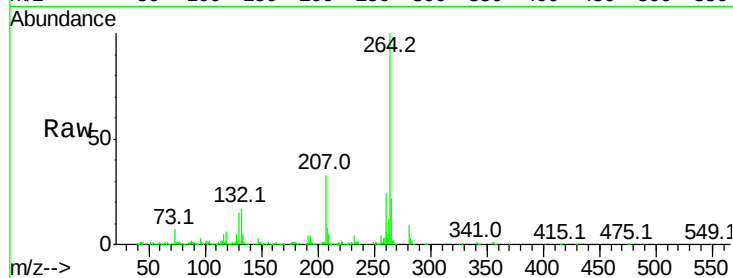




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.21 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BM015514.D
Acq: 07 Jun 2018 07:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

