

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015491.D
 Acq On : 06 Jun 2018 16:13
 Operator : SJ/JU
 Sample : J3266-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 06 17:07:09 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

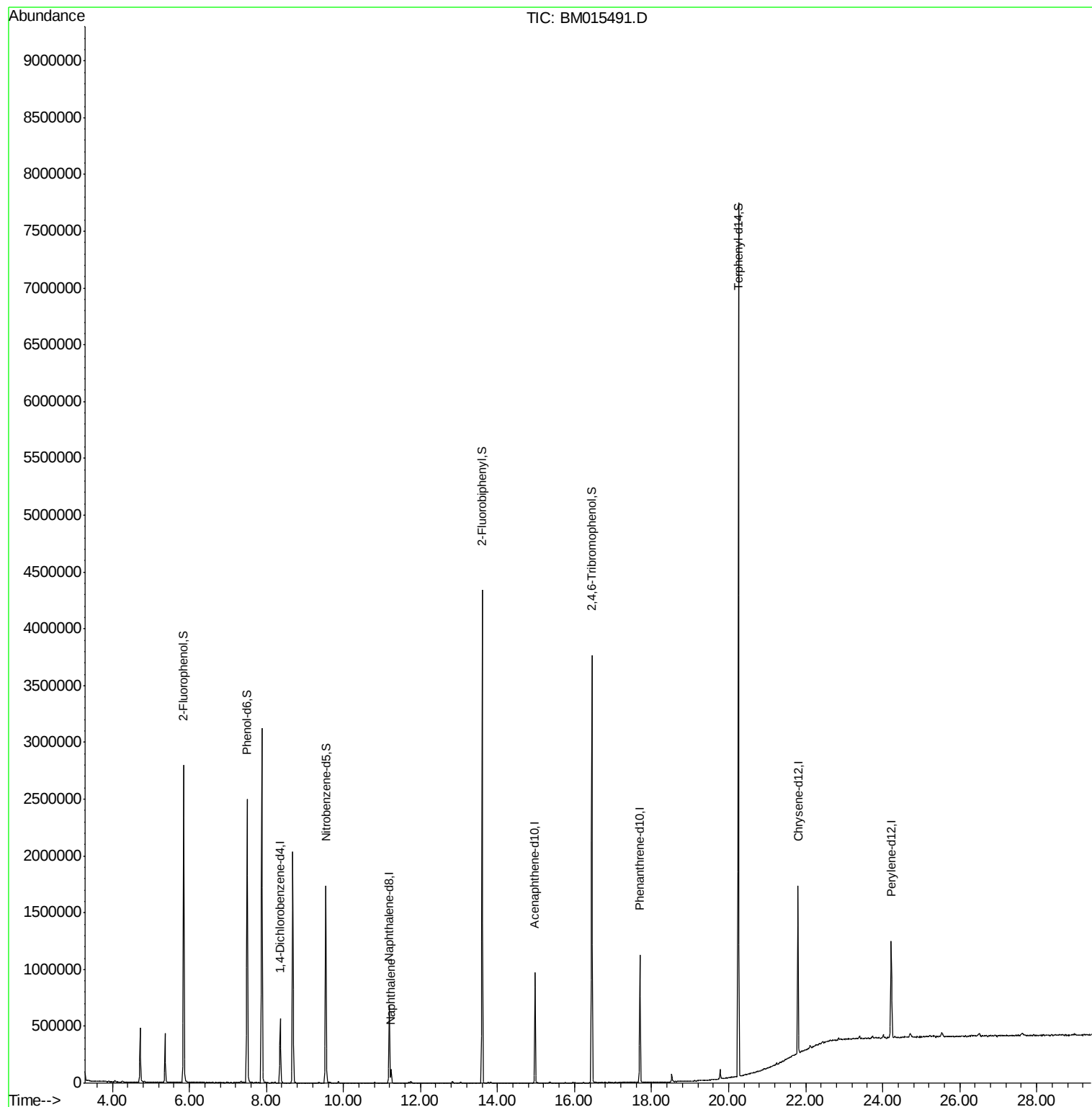
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	144619	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	540824	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	289774	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	630329	20.00	ng	0.00
75) Chrysene-d12	21.80	240	627581	20.00	ng	0.00
86) Perylene-d12	24.22	264	574577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1072514	126.15	ng	0.00
7) Phenol-d6	7.50	99	1304807	101.54	ng	0.00
23) Nitrobenzene-d5	9.55	82	971840	97.74	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	591305	141.99	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2027569	93.95	ng	0.00
78) Terphenyl-d14	20.26	244	3380946	124.35	ng	0.00
Target Compounds						
31) Naphthalene	11.24	128	92482	3.299	ng	Qvalue 96

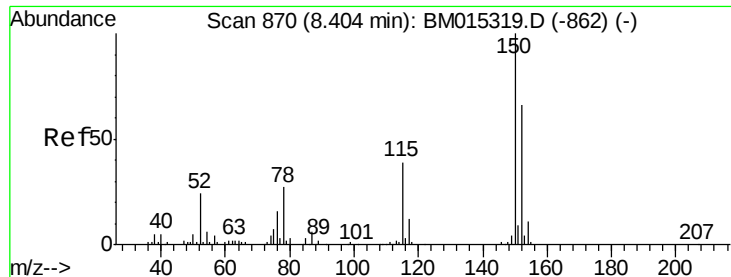
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
Data File : BM015491.D
Acq On : 06 Jun 2018 16:13
Operator : SJ/JU
Sample : J3266-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 06 17:07:09 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



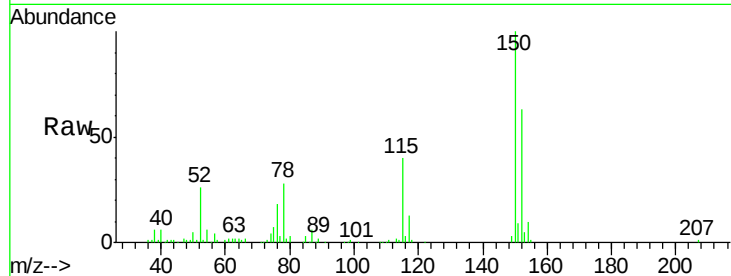


#1

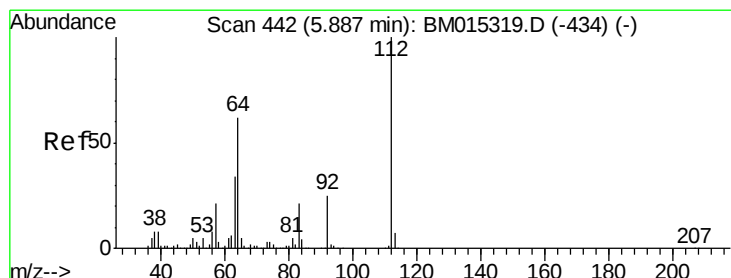
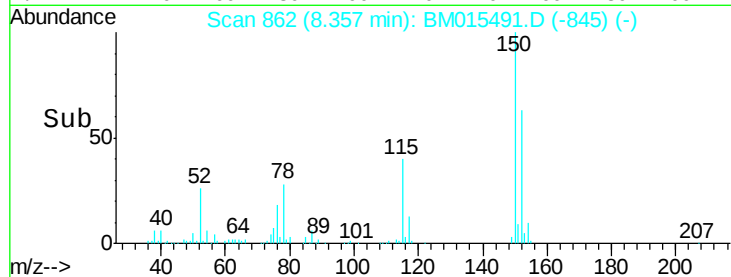
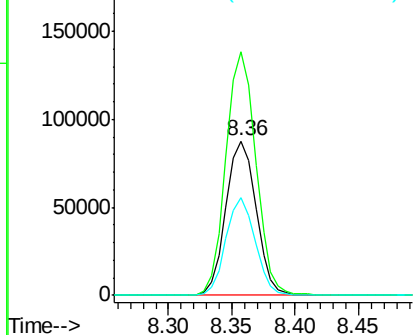
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015491.D
Acq: 06 Jun 2018 16:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 144619
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 63.3 43.0 64.4



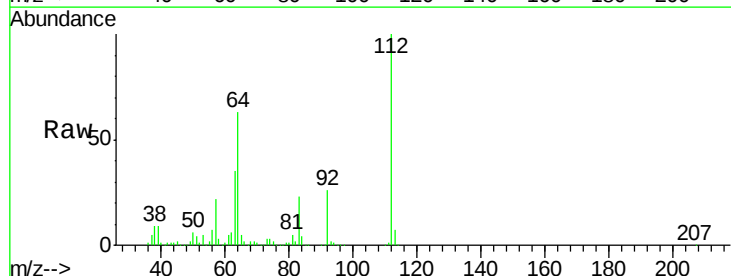
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



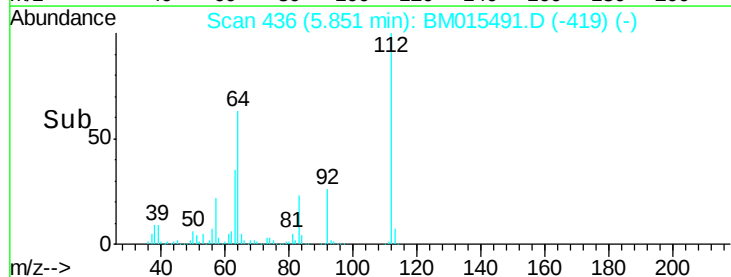
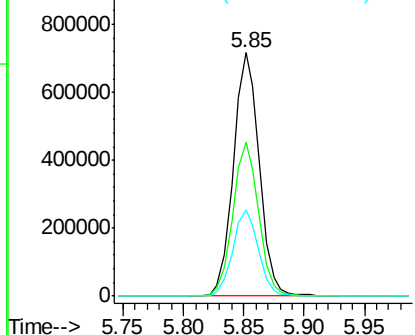
#5

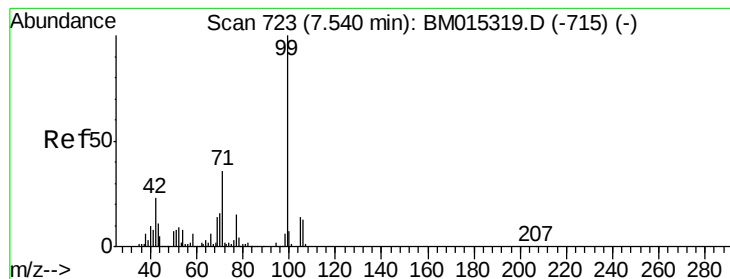
2-Fluorophenol
Concen: 126.149 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015491.D
Acq: 06 Jun 2018 16:13

Tgt Ion:112 Resp: 1072514
Ion Ratio Lower Upper
112 100
64 63.3 38.6 57.8#
63 35.5 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: 101.540 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015491.D

Acq: 06 Jun 2018 16:13

Instrument :

BNA_M

ClientSampleId :

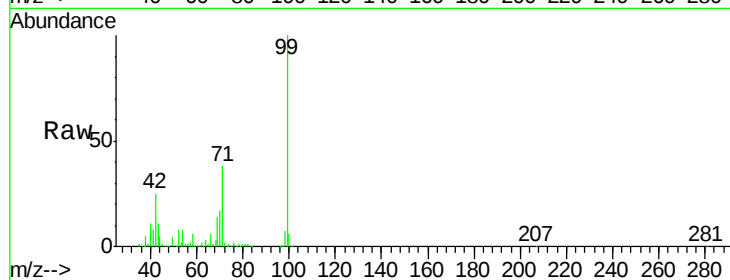
Tot Ion: 99 Resp: 1304807

Ion Ratio Lower Upper

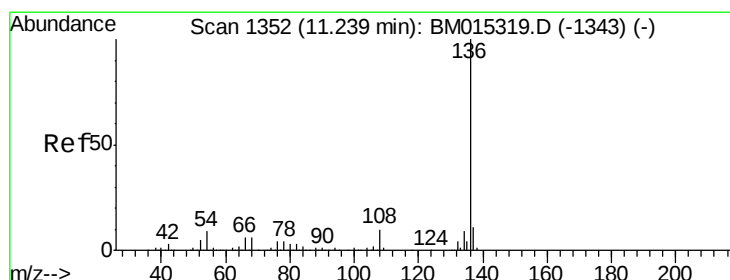
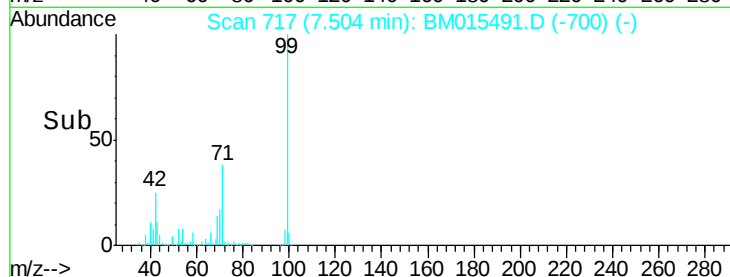
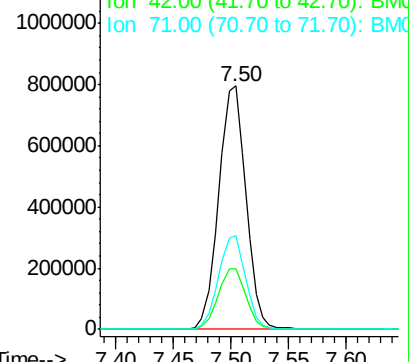
99 100

42 24.8 11.0 16.4#

71 38.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015491.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015491.D

Acq: 06 Jun 2018 16:13

Tgt Ion: 136 Resp: 540824

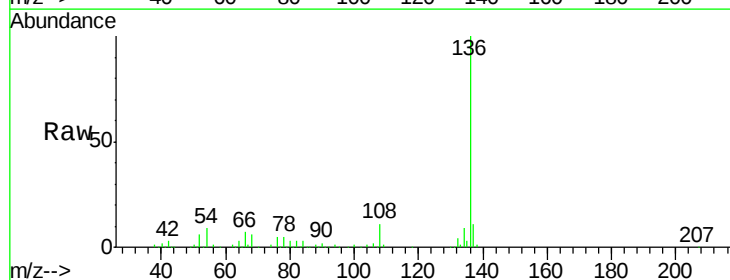
Ion Ratio Lower Upper

136 100

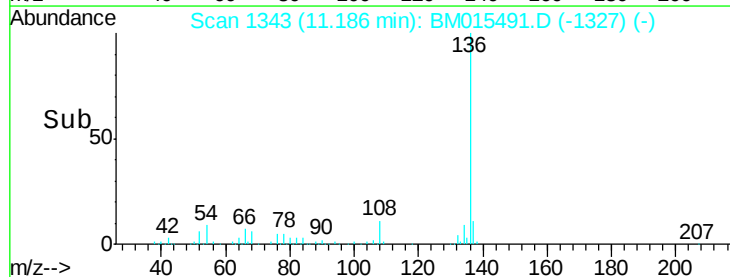
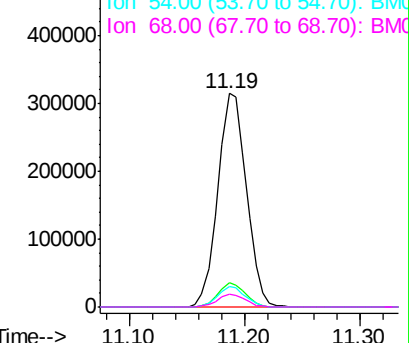
137 11.3 8.7 13.1

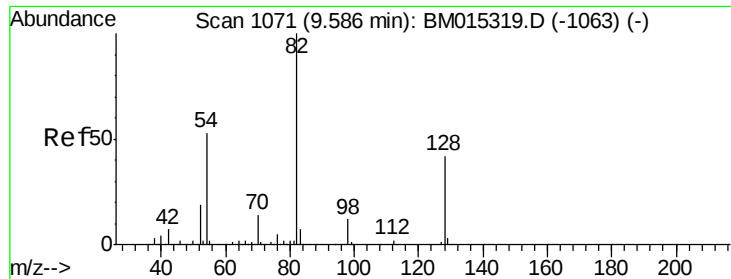
54 9.3 4.6 6.8#

68 5.8 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM015491.D (-1327) (-)

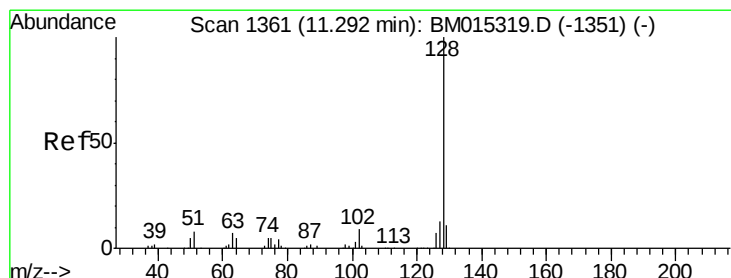
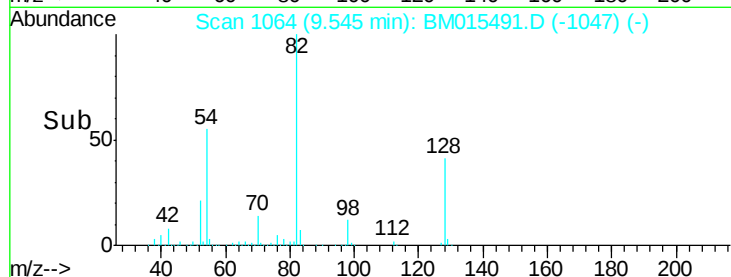
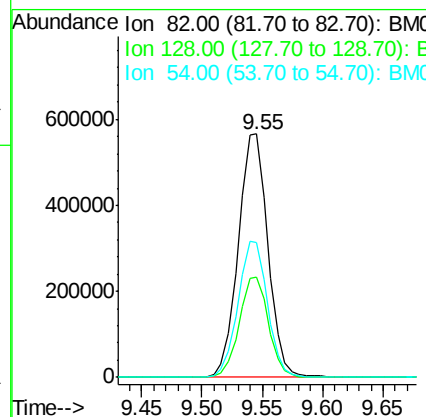
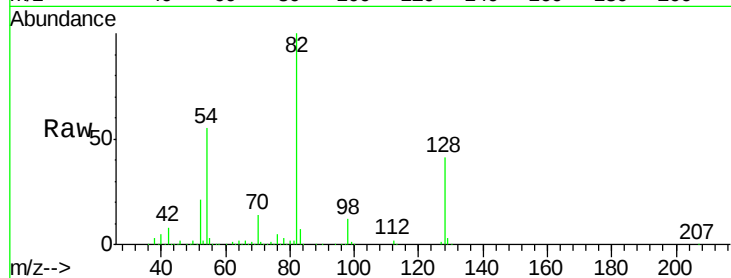




#23
Nitrobenzene-d5
Concen: 97.742 ng
RT: 9.55 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BM015491.D
Acq: 06 Jun 2018 16:13

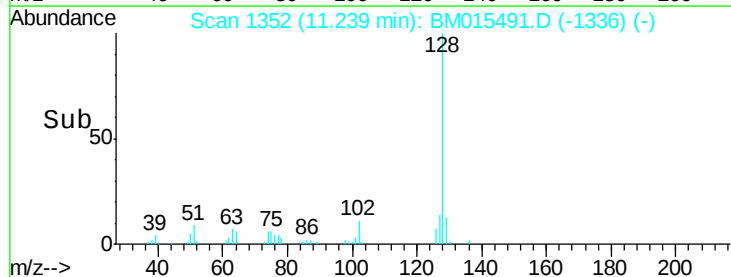
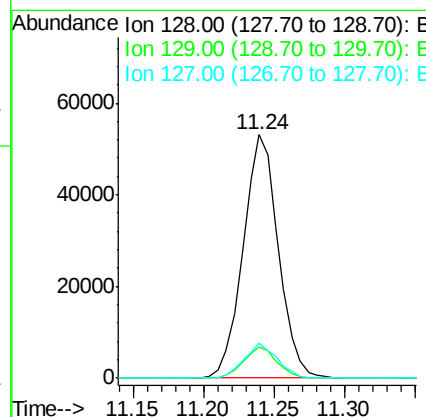
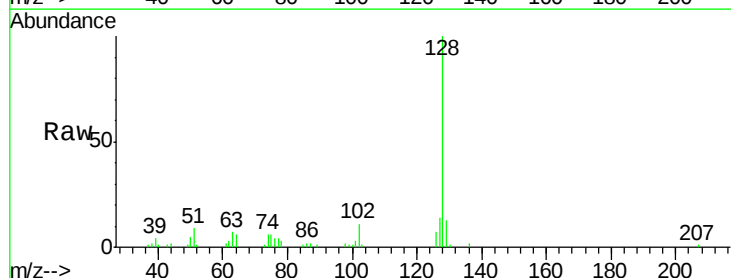
Instrument :
BNA_M
ClientSampleId :

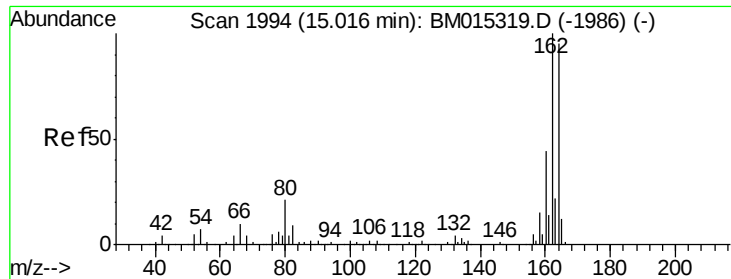
Tot Ion: 82 Resp: 971840
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 55.3 40.6 60.8



#31
Naphthalene
Concen: 3.299 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015491.D
Acq: 06 Jun 2018 16:13

Tgt Ion:128 Resp: 92482
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 14.4 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: BM015491.D

Acq: 06 Jun 2018 16:13

Instrument :

BNA_M

ClientSampleId :

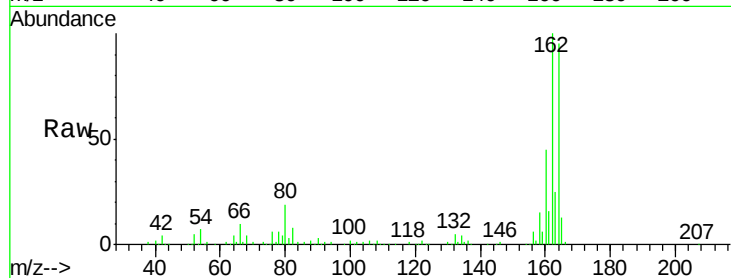
Tot Ion:164 Resp: 289774

Ion Ratio Lower Upper

164 100

162 105.0 82.4 123.6

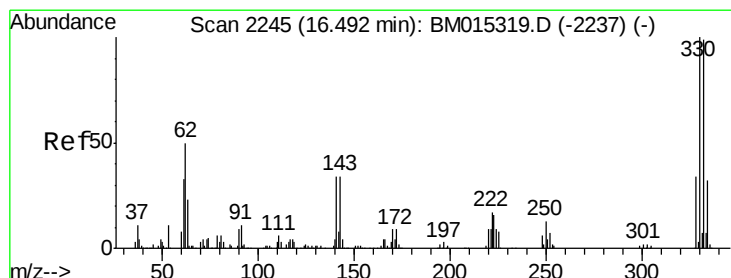
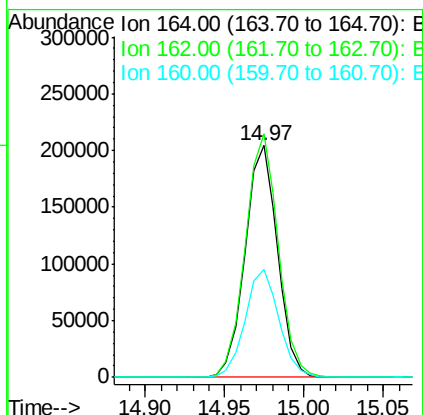
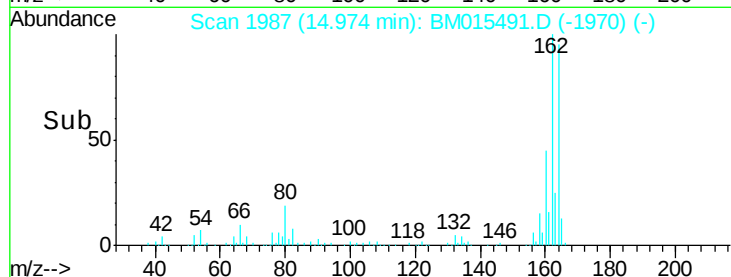
160 46.8 35.8 53.6



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: 141.995 ng

RT: 16.45 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BM015491.D

Acq: 06 Jun 2018 16:13

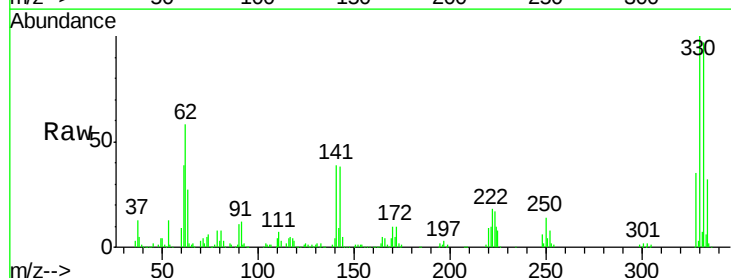
Tgt Ion:330 Resp: 591305

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

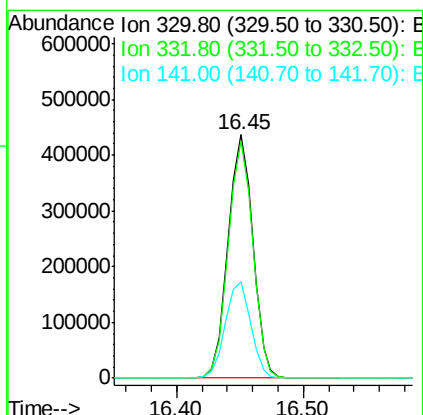
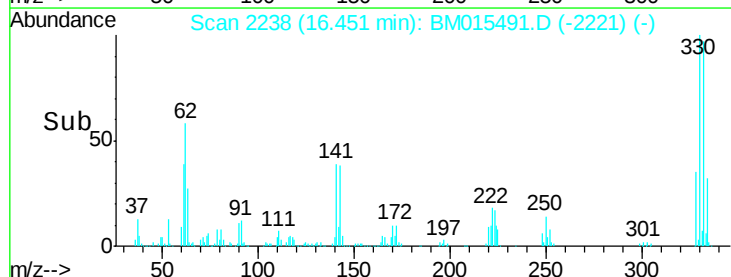
141 40.5 0.0 0.0#

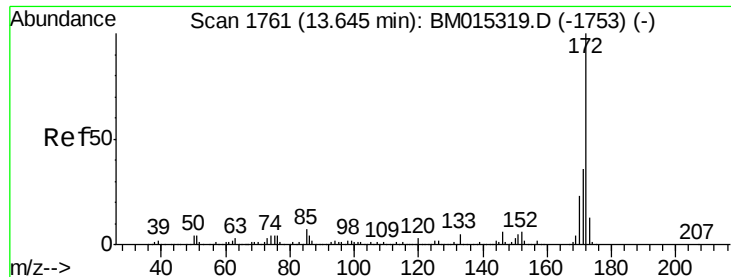


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

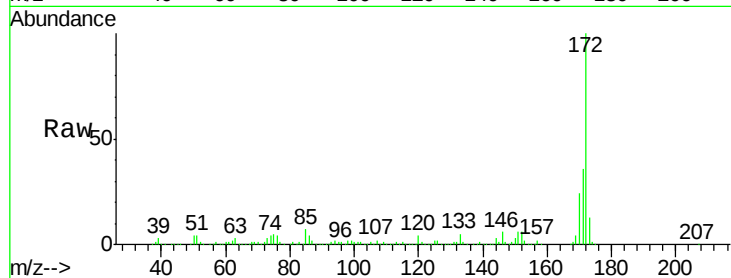




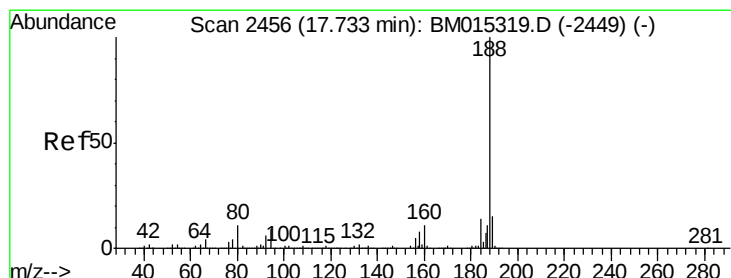
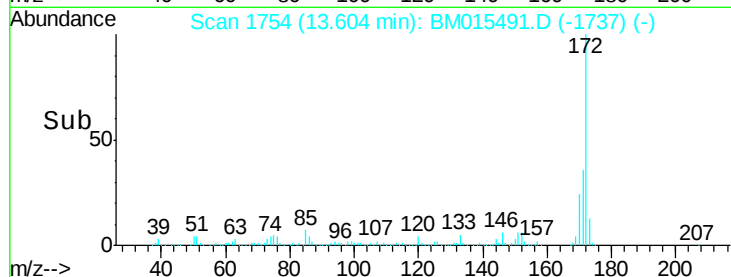
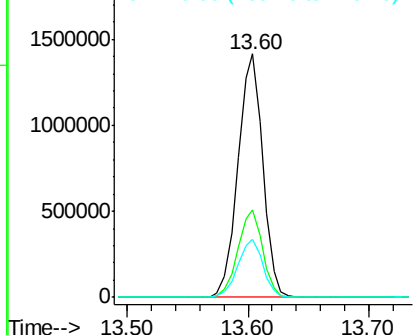
#44
2-Fluorobiphenyl
Concen: 93.947 ng
RT: 13.60 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BM015491.D
Acq: 06 Jun 2018 16:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2027569
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.8 18.8 28.2

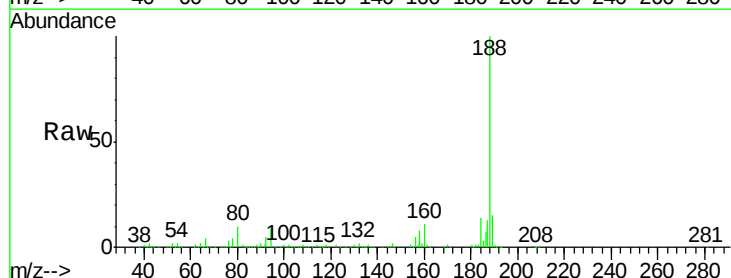


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

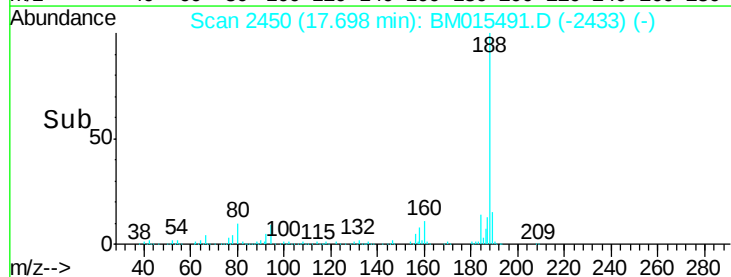
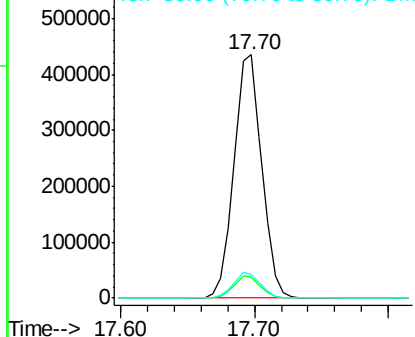


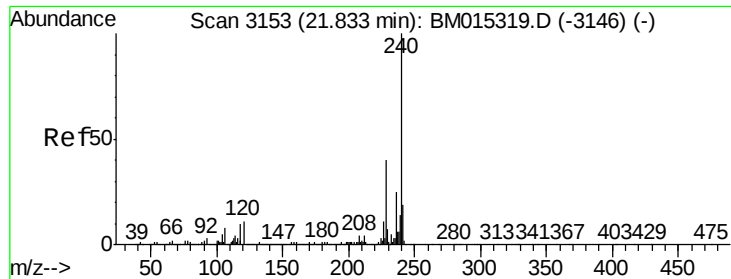
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM015491.D
Acq: 06 Jun 2018 16:13

Tgt Ion:188 Resp: 630329
Ion Ratio Lower Upper
188 100
94 8.6 8.7 13.1#
80 9.7 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM015491.D

Acq: 06 Jun 2018 16:13

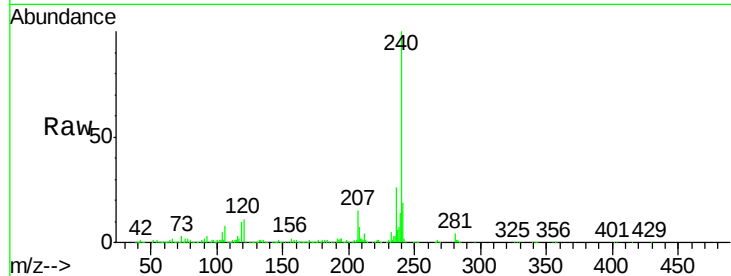
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 627581

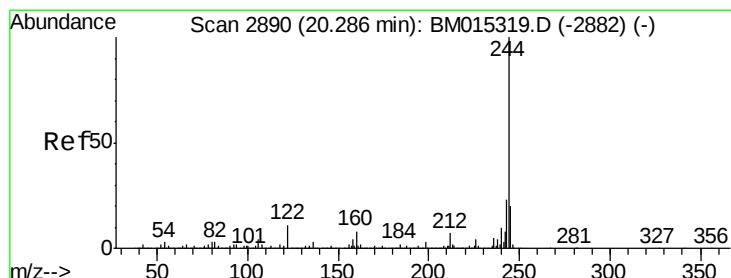
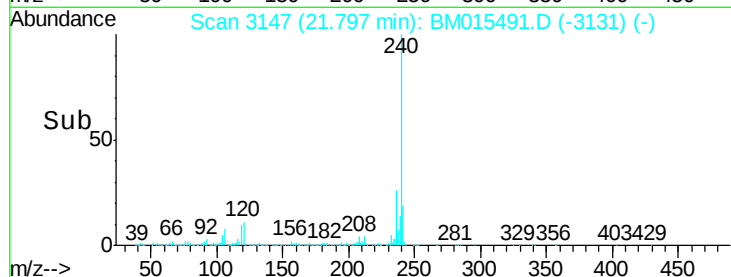
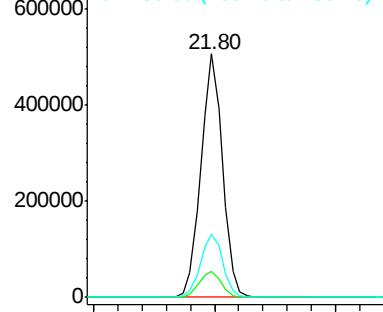
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	26.0	20.0	30.0



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: 124.347 ng

RT: 20.26 min Scan# 2885

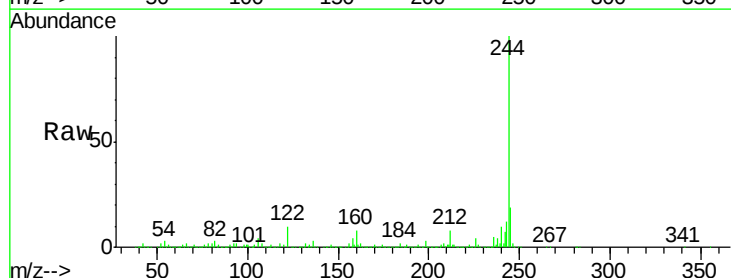
Delta R.T. 0.00 min

Lab File: BM015491.D

Acq: 06 Jun 2018 16:13

Tgt Ion:244 Resp: 3380946

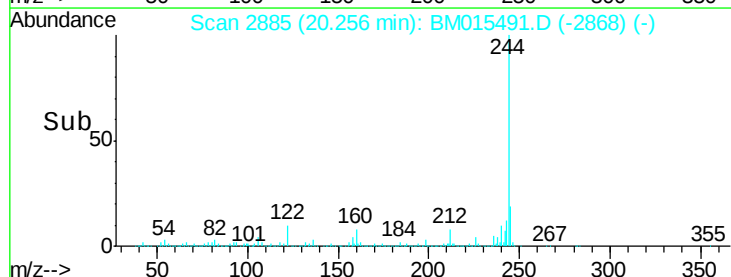
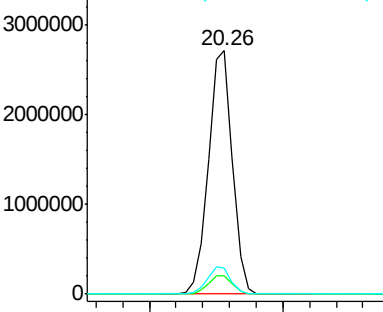
Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	10.5	6.2	9.4#

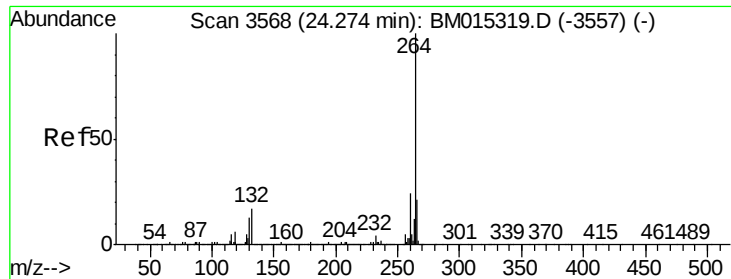


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.22 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM015491.D
Acq: 06 Jun 2018 16:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 574577
Ion Ratio Lower Upper
264 100
260 25.5 18.6 27.8
265 22.5 17.3 25.9

