

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015515.D
 Acq On : 07 Jun 2018 07:44
 Operator : SJ/JU
 Sample : J3306-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 08:34:18 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	137531	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	511280	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	259112	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	532607	20.00	ng	0.00
75) Chrysene-d12	21.79	240	530829	20.00	ng	-0.01
86) Perylene-d12	24.21	264	557401	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1009760	124.89	ng	0.00
7) Phenol-d6	7.50	99	1192826	97.61	ng	0.00
23) Nitrobenzene-d5	9.54	82	1005160	106.94	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	463860	124.57	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2022537	104.80	ng	0.00
78) Terphenyl-d14	20.24	244	2859061	124.32	ng	-0.01

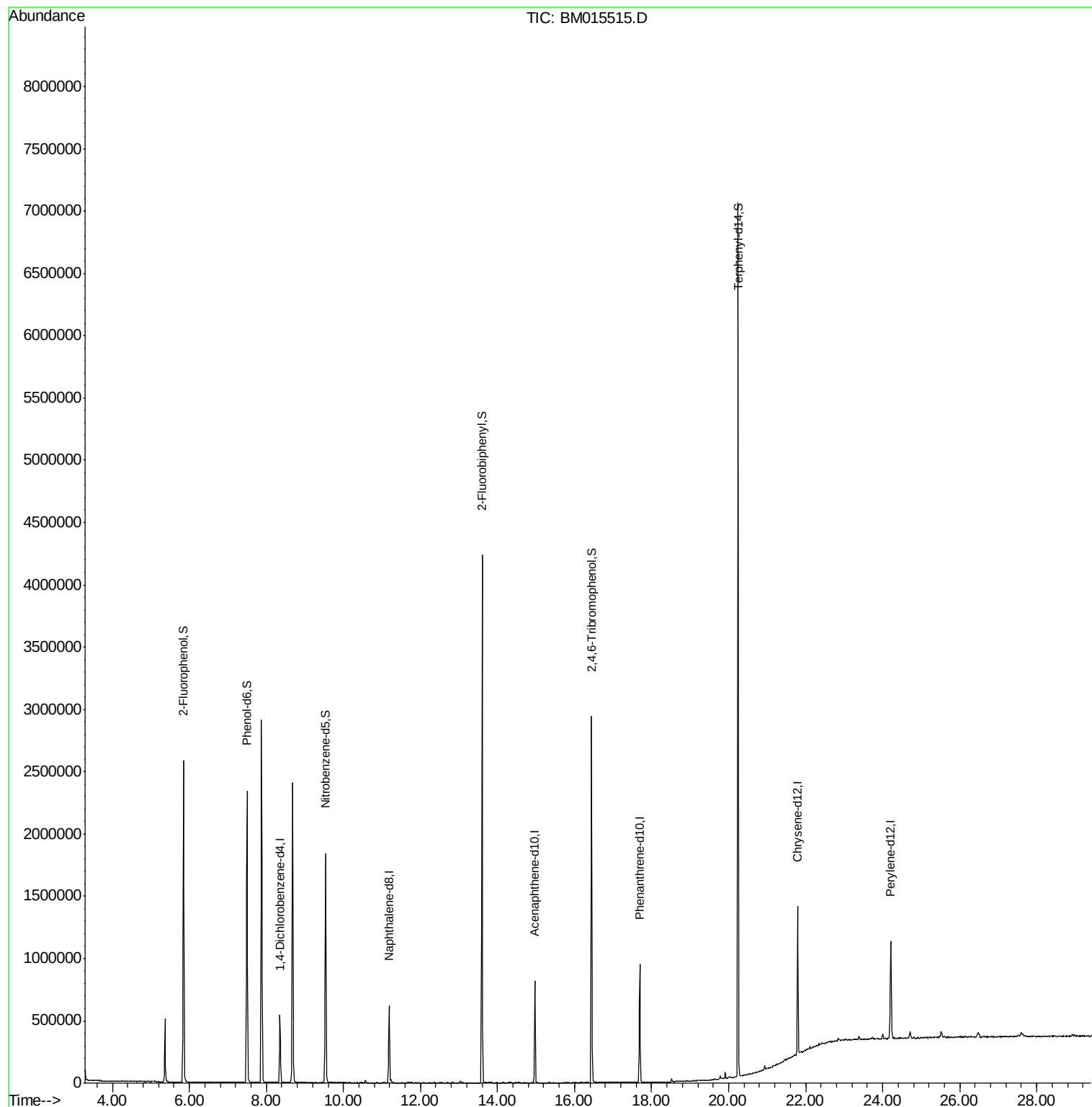
Target Compounds Qvalue

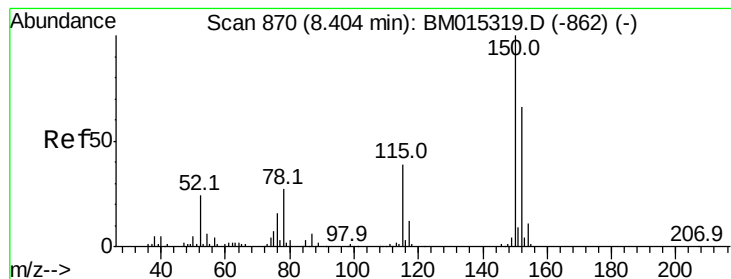
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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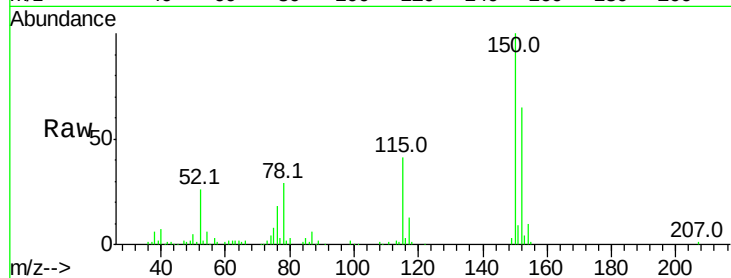


#1

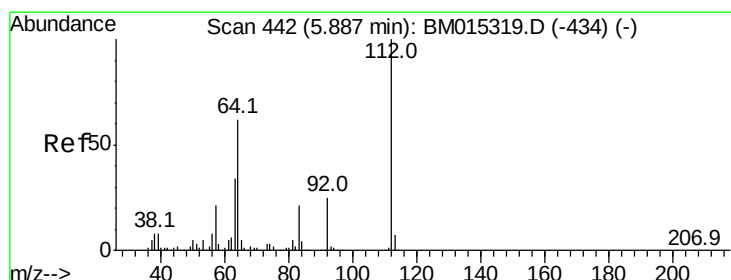
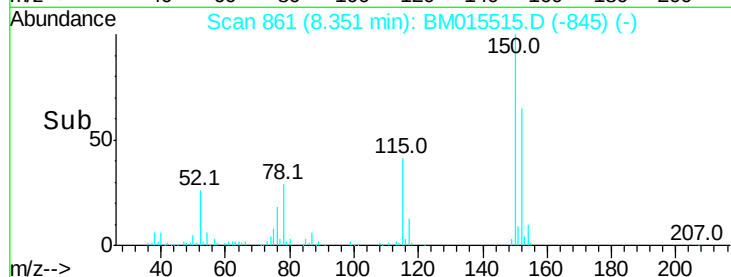
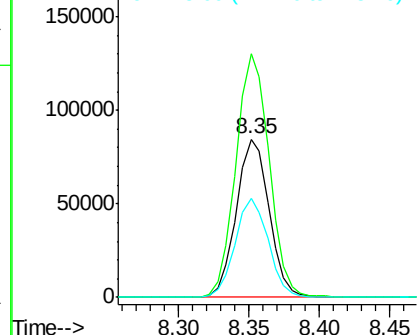
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015515.D
Acq: 07 Jun 2018 07:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 137531
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 62.5 43.0 64.4



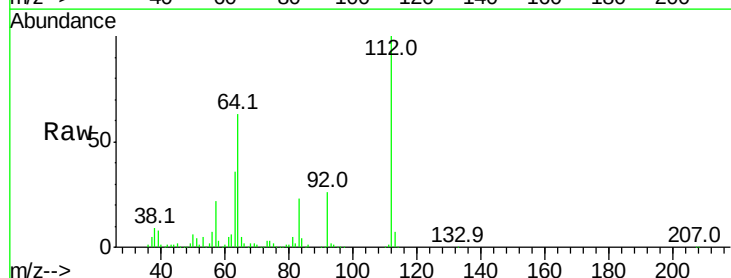
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



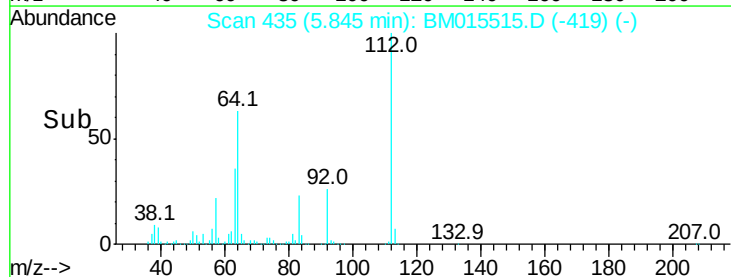
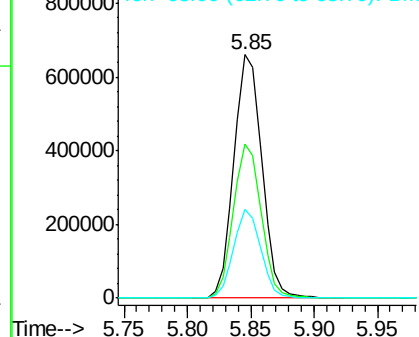
#5

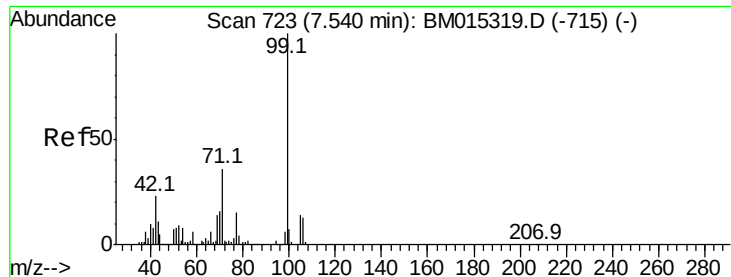
2-Fluorophenol
Concen: 124.889 ng
RT: 5.85 min Scan# 435
Delta R.T. -0.01 min
Lab File: BM015515.D
Acq: 07 Jun 2018 07:44

Tgt Ion:112 Resp: 1009760
Ion Ratio Lower Upper
112 100
64 63.1 38.6 57.8#
63 36.3 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: 97.610 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

Instrument :

BNA_M

ClientSampleId :

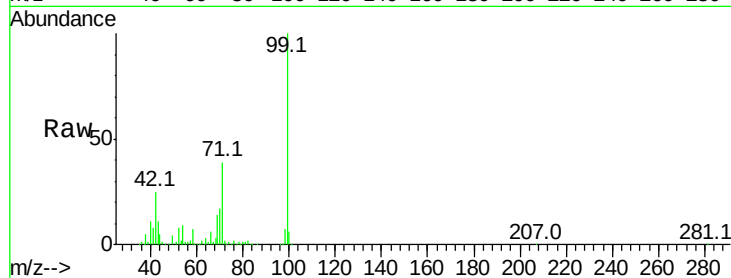
Tot Ion: 99 Resp: 1192826

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

71 38.7 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) (-)

7.50

800000

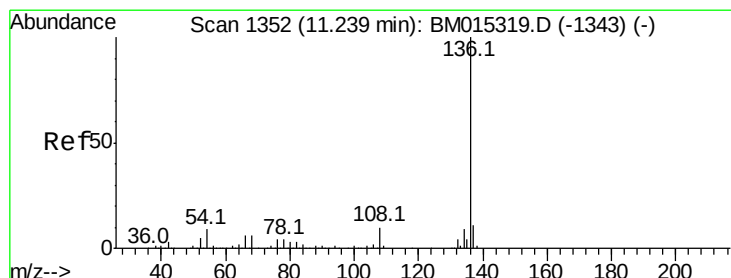
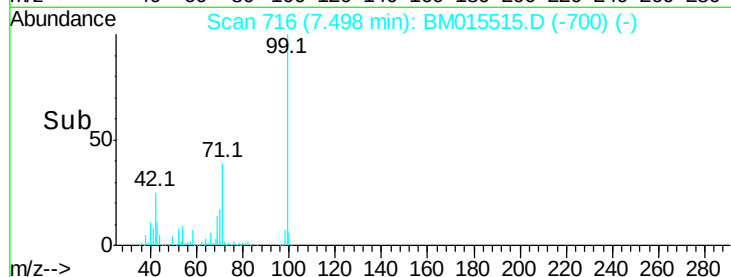
600000

400000

200000

0

Time--> 7.40 7.45 7.50 7.55 7.60



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

Tgt Ion: 136 Resp: 511280

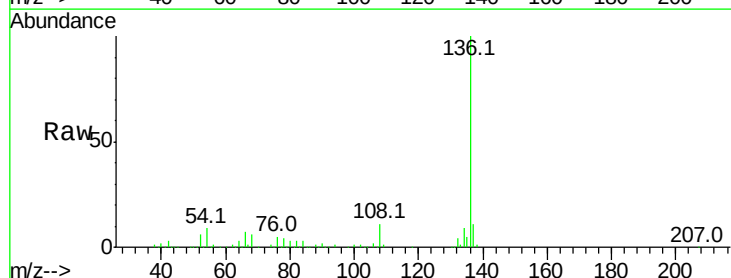
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 4.6 6.8#

68 5.6 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) (-)

11.19

400000

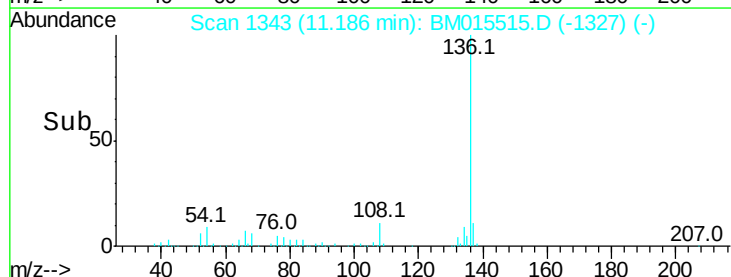
300000

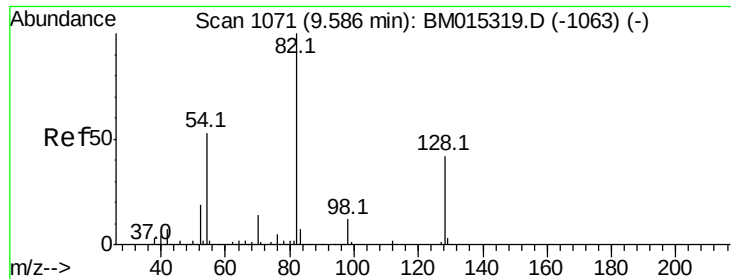
200000

100000

0

Time--> 11.10 11.20



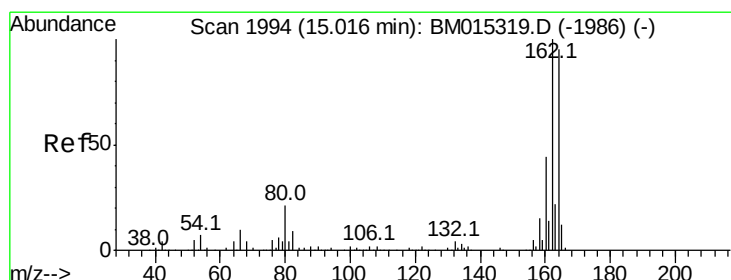
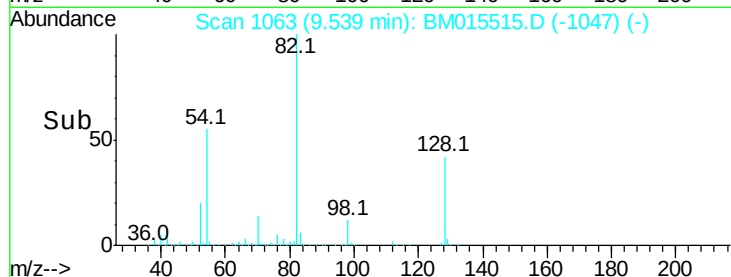
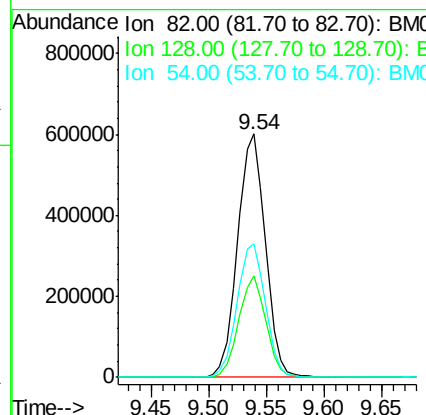
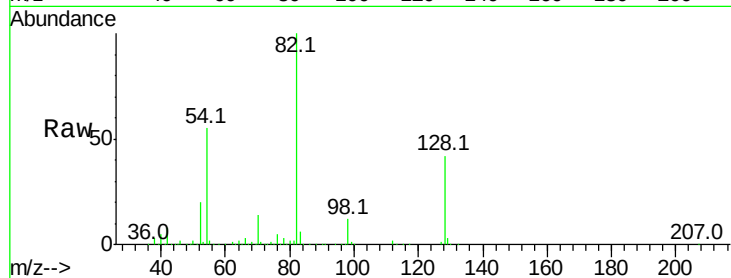


#23
 Nitrobenzene-d5
 Concen: 106.935 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1005160

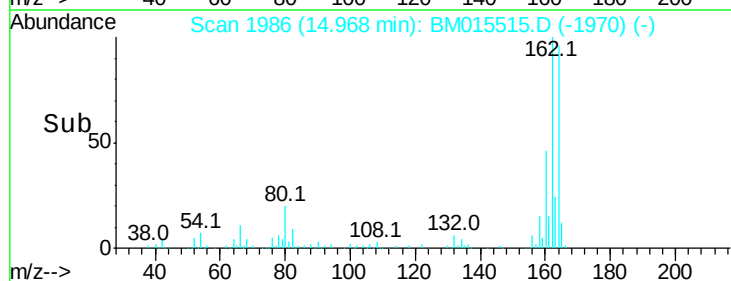
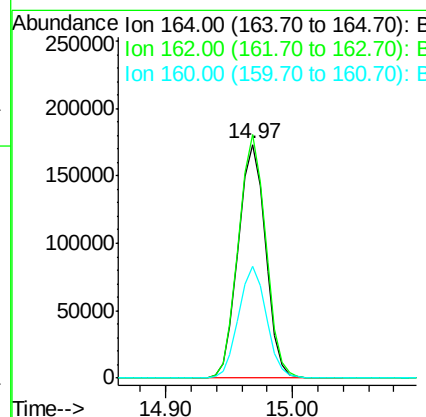
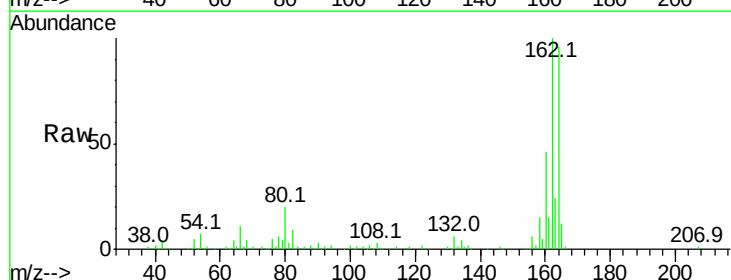
Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.8	49.2
54	54.8	40.6	60.8

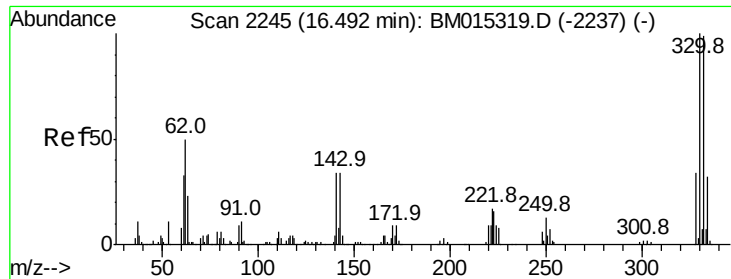


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Tgt Ion: 164 Resp: 259112

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	47.8	35.8	53.6

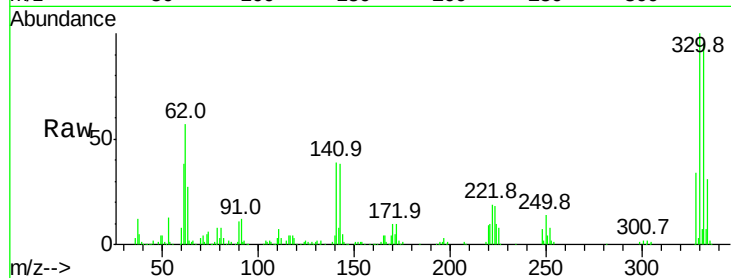




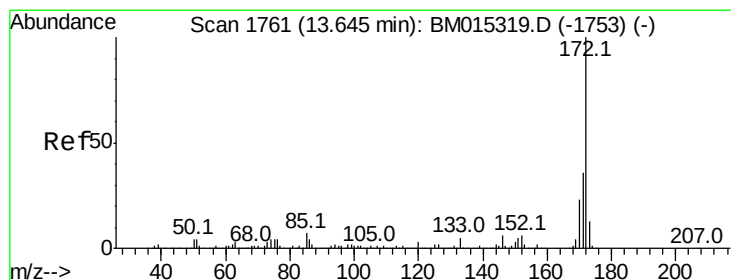
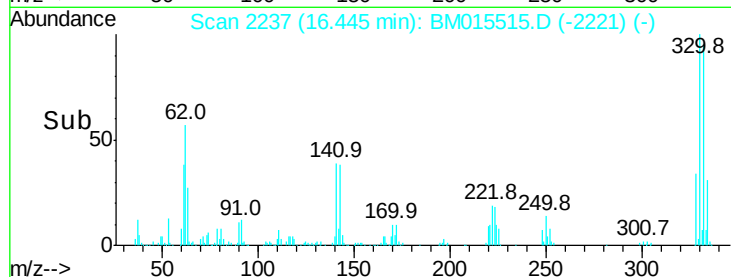
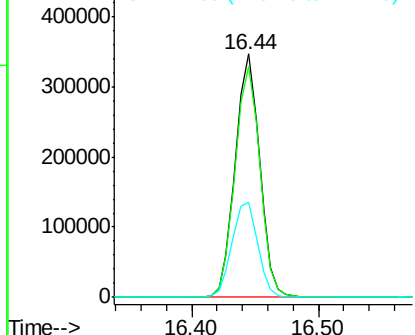
#41
 2,4,6-Tribromophenol
 Concen: 124.572 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	41.0	0.0	0.0#

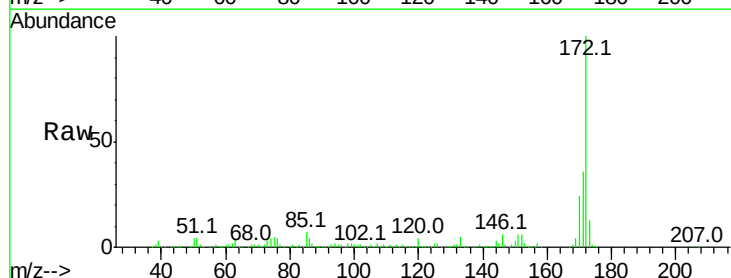


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

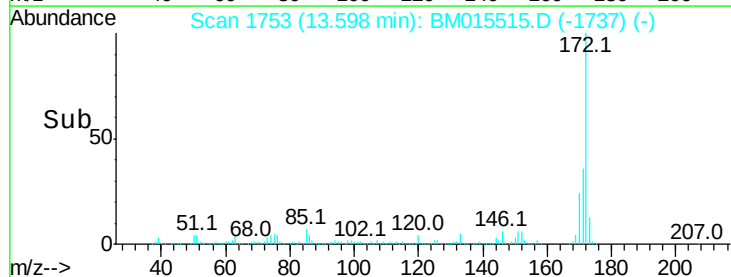
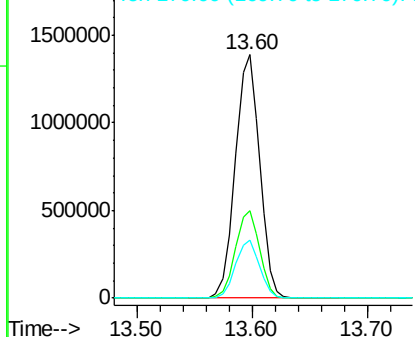


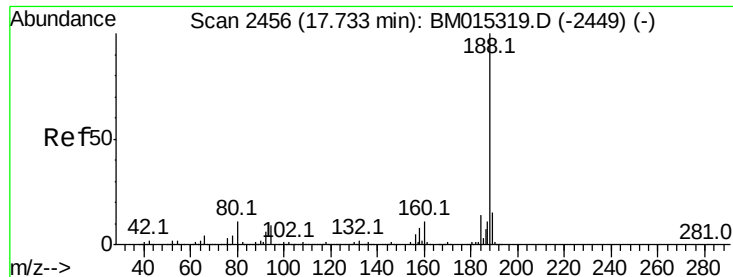
#44
 2-Fluorobiphenyl
 Concen: 104.804 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

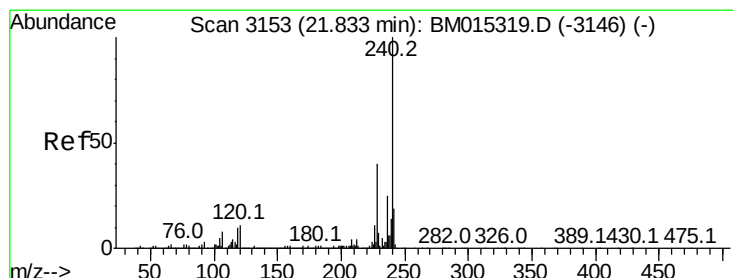
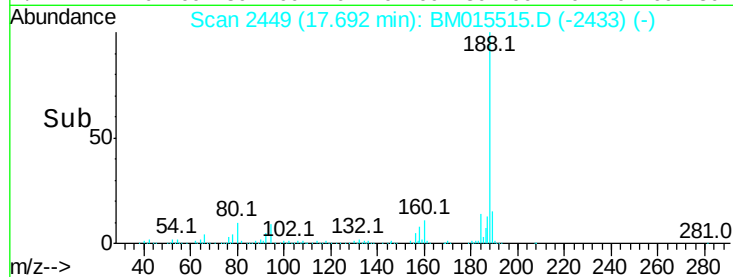
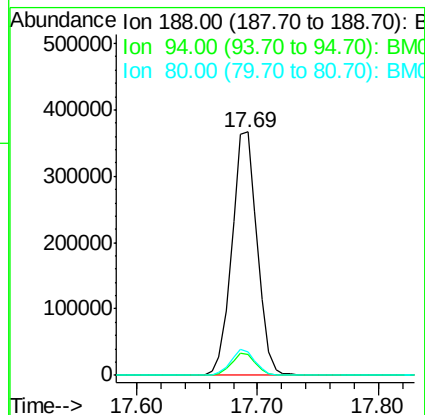
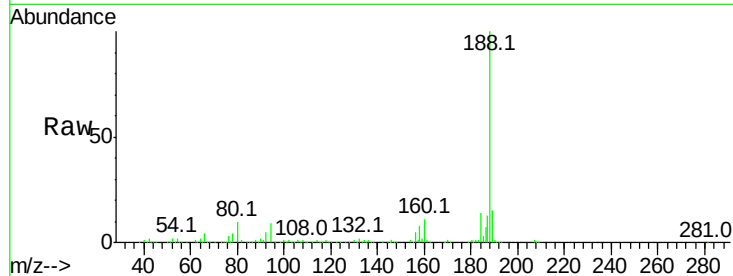




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM015515.D
Acq: 07 Jun 2018 07:44

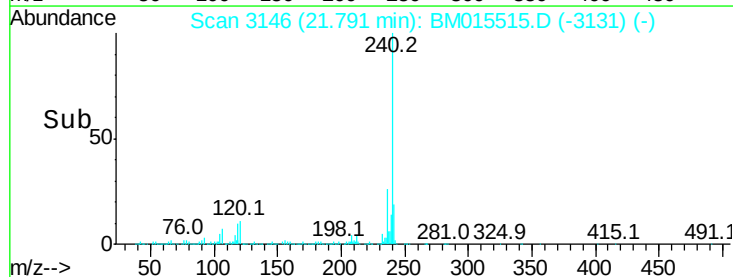
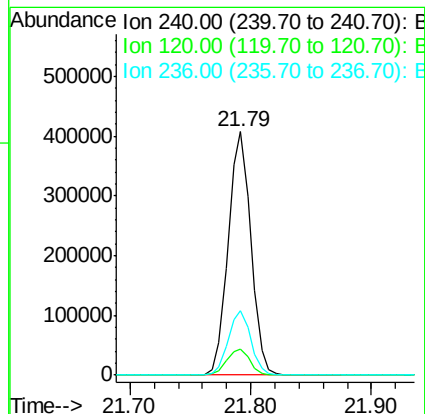
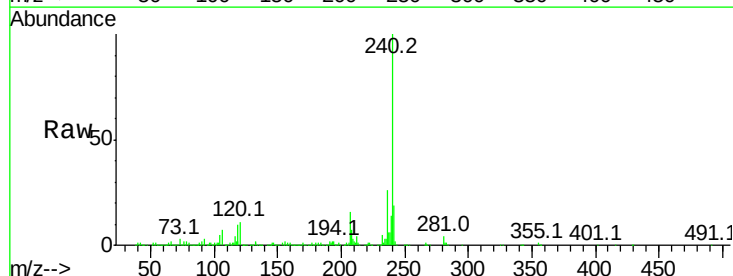
Instrument :
BNA_M
ClientSampleId :

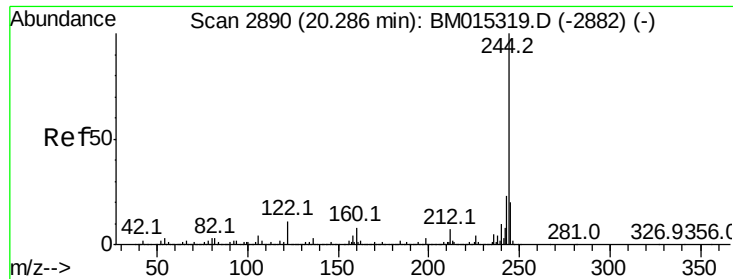
Tot Ion:188 Resp: 532607
Ion Ratio Lower Upper
188 100
94 8.6 8.7 13.1#
80 9.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BM015515.D
Acq: 07 Jun 2018 07:44

Tgt Ion:240 Resp: 530829
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 26.3 20.0 30.0





#78

Terphenyl-d14

Concen: 124.319 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

Instrument :

BNA_M

ClientSampleId :

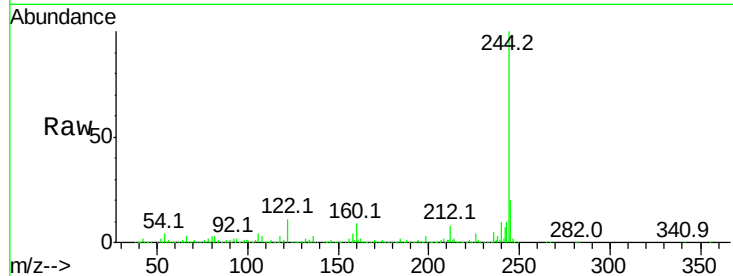
Tot Ion:244 Resp: 2859061

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	11.4	6.2	9.4#

244 100

212 7.6 4.9 7.3#

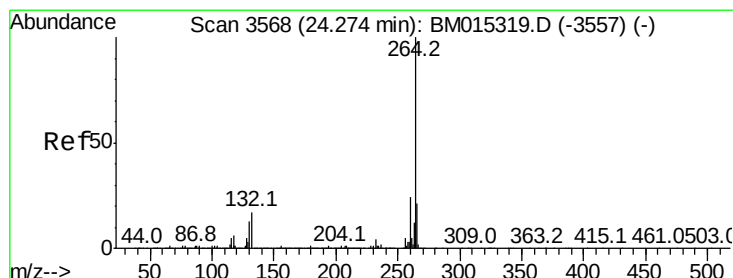
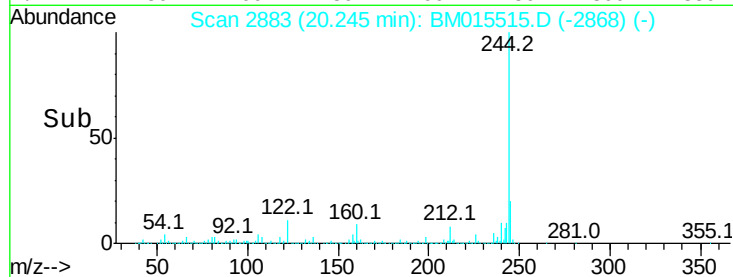
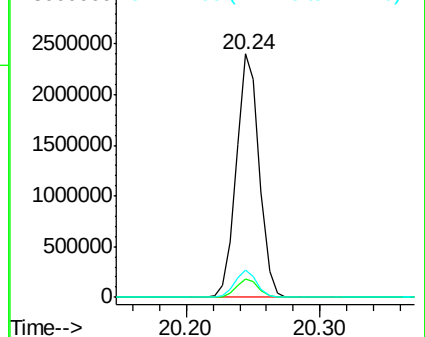
122 11.4 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.21 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

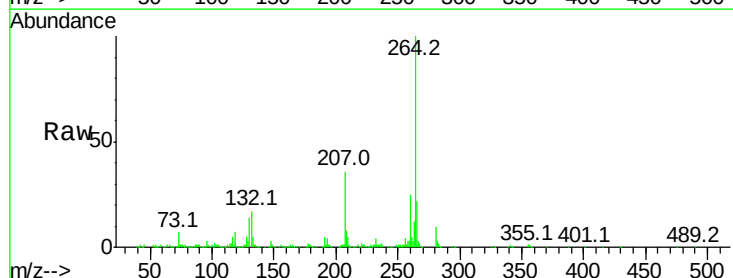
Tgt Ion:264 Resp: 557401

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	22.0	17.3	25.9

264 100

260 24.7 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

