

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015497.D
 Acq On : 06 Jun 2018 19:56
 Operator : SJ/JU
 Sample : J3271-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 06 20:28:22 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	150032	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	583201	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	301097	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	653730	20.00	ng	0.00
75) Chrysene-d12	21.80	240	668256	20.00	ng	0.00
86) Perylene-d12	24.22	264	702691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1177578	133.51	ng	0.00
7) Phenol-d6	7.50	99	1391612	104.39	ng	0.00
23) Nitrobenzene-d5	9.54	82	1063723	99.21	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	624491	144.32	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2112702	94.21	ng	0.00
78) Terphenyl-d14	20.25	244	3660965	126.45	ng	0.00

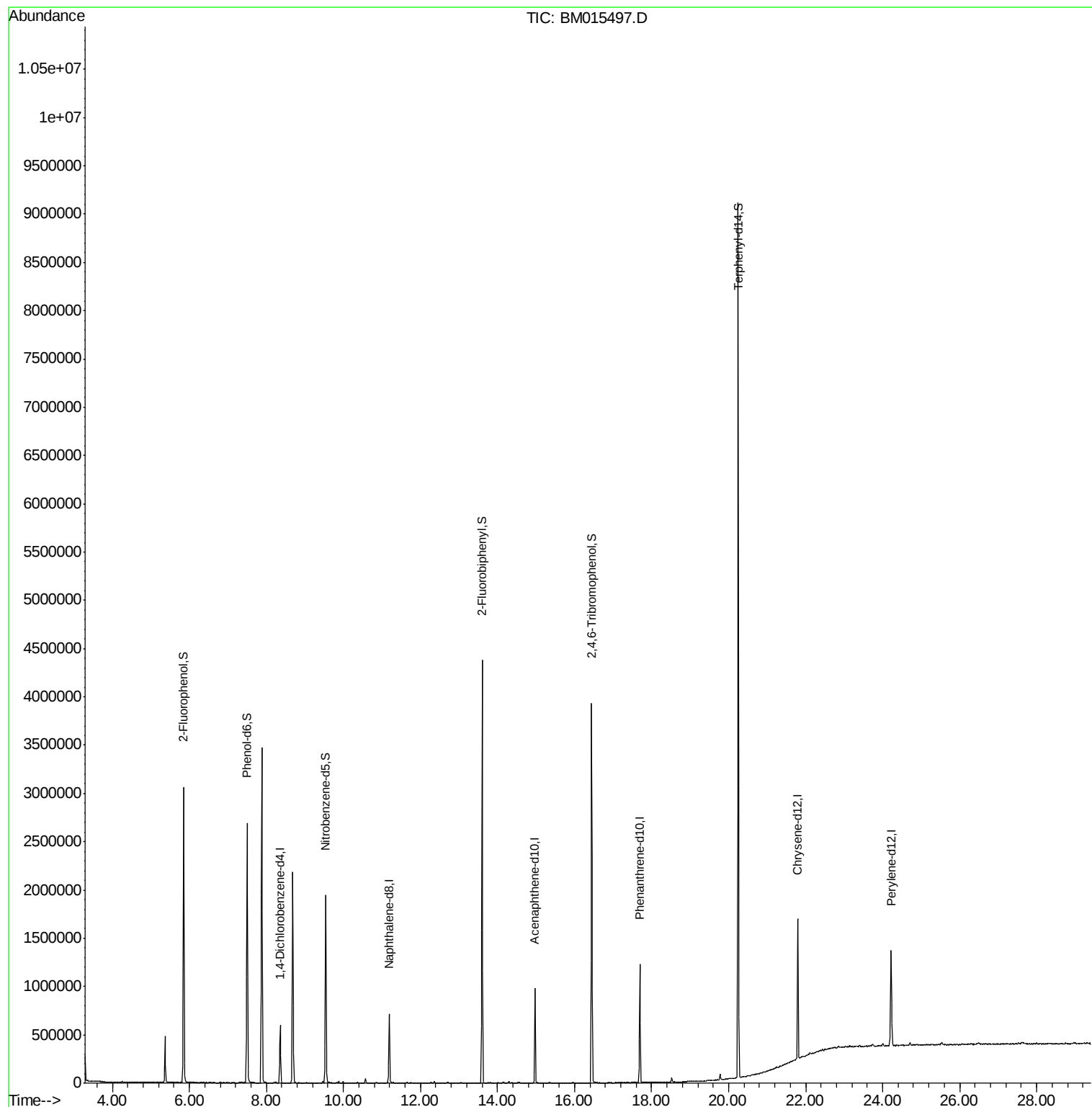
Target Compounds Qvalue

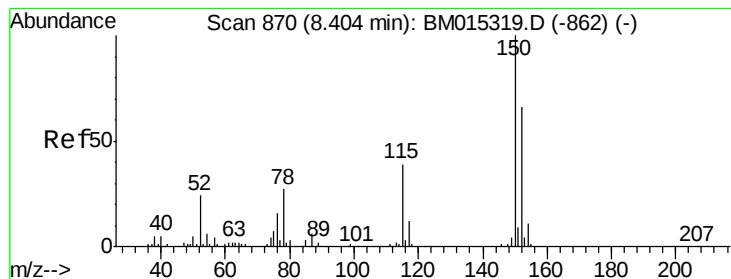
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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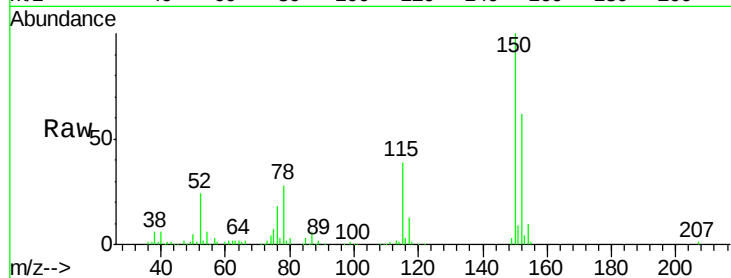


#1

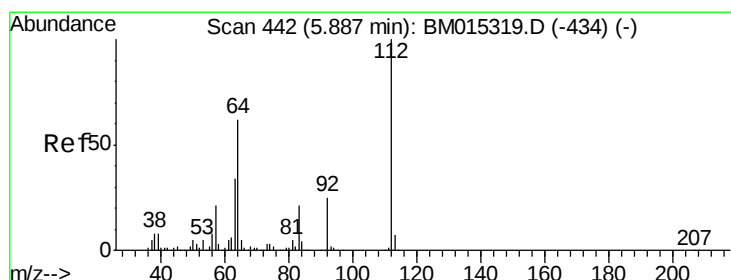
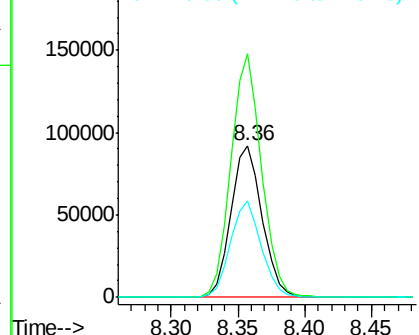
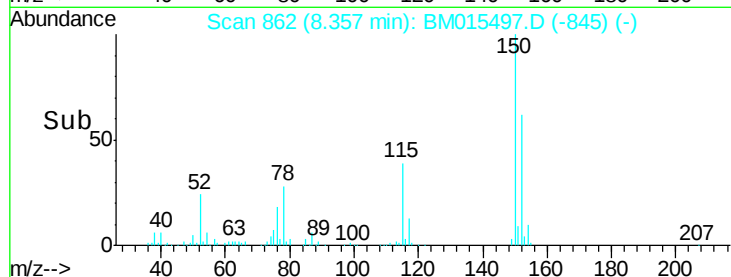
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015497.D
Acq: 06 Jun 2018 19:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	119.5	179.3
115	63.0	43.0	64.4



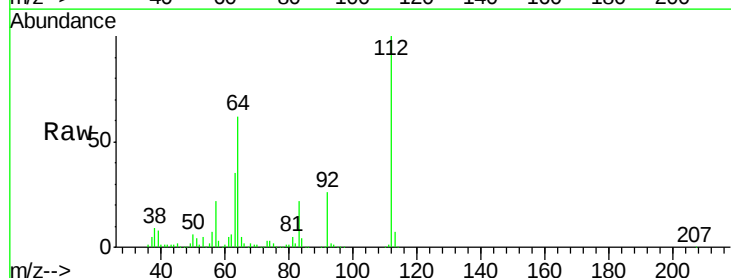
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



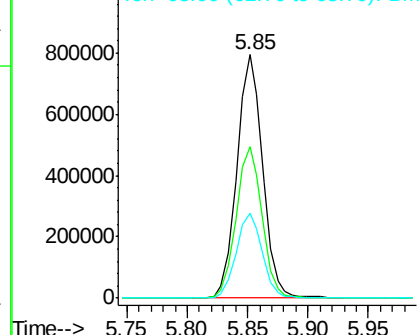
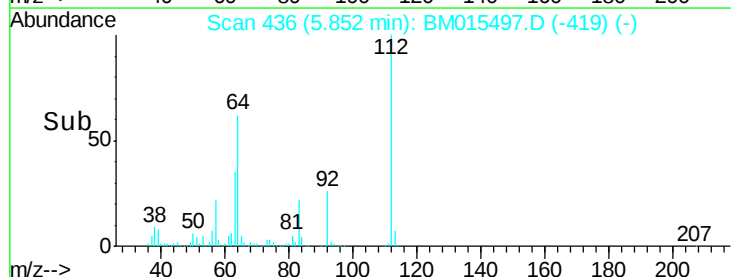
#5

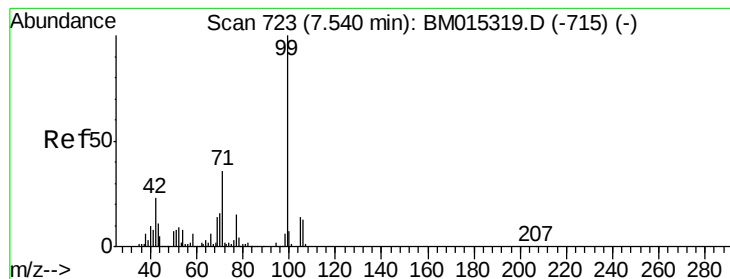
2-Fluorophenol
Concen: 133.510 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015497.D
Acq: 06 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	38.6	57.8#
63	34.7	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: 104.388 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015497.D

Acq: 06 Jun 2018 19:56

Instrument :

BNA_M

ClientSampled :

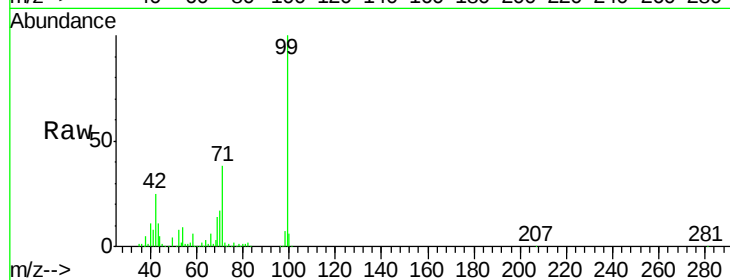
Tot Ion: 99 Resp: 1391612

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

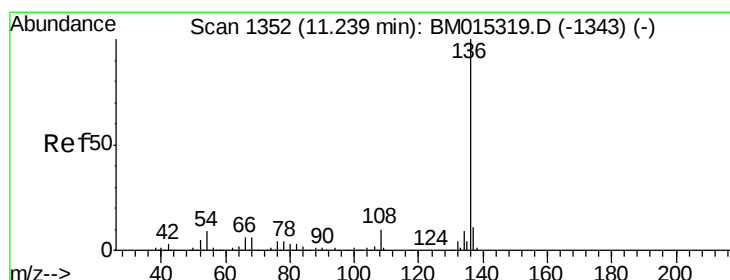
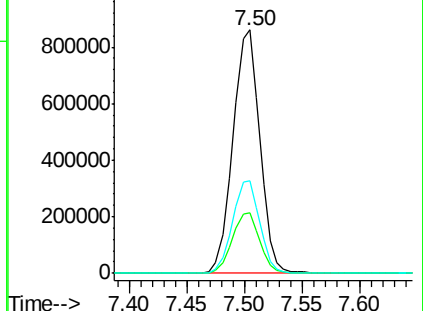
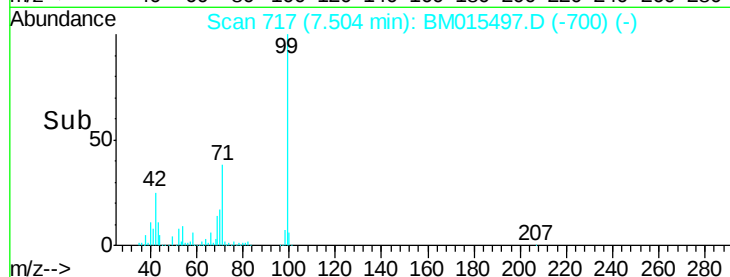
71 37.9 23.4 35.2#



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: BM015497.D

Acq: 06 Jun 2018 19:56

Tgt Ion: 136 Resp: 583201

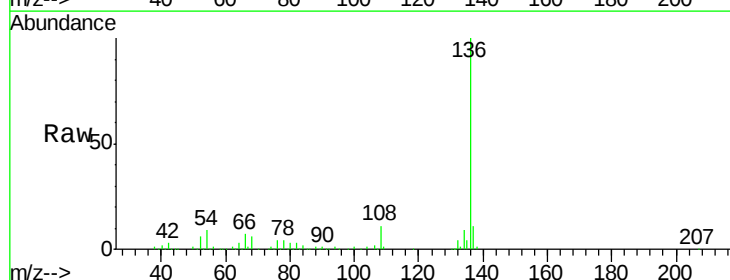
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.9 4.6 6.8#

68 5.8 3.7 5.5#

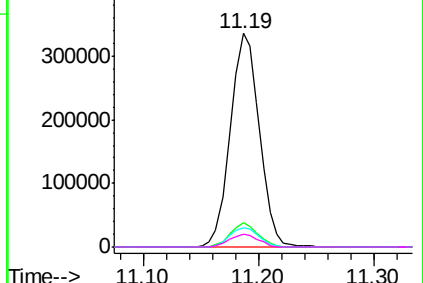
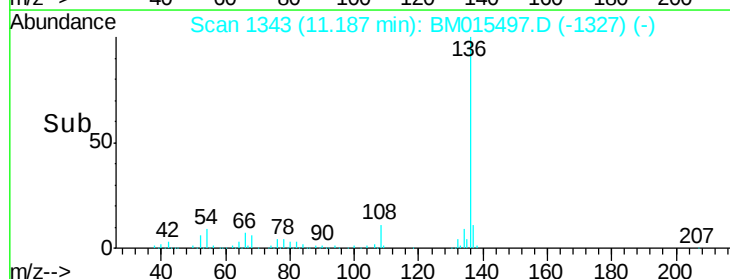


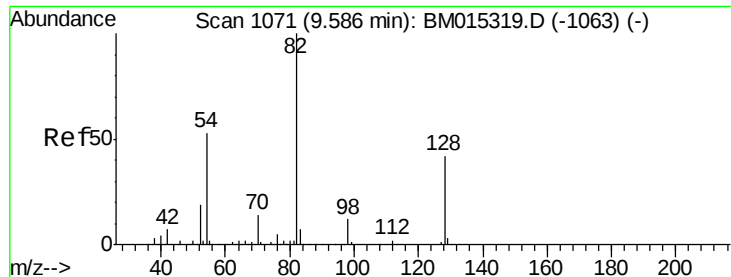
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

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) (-)

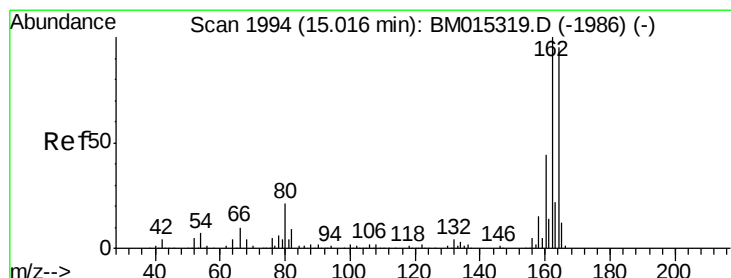
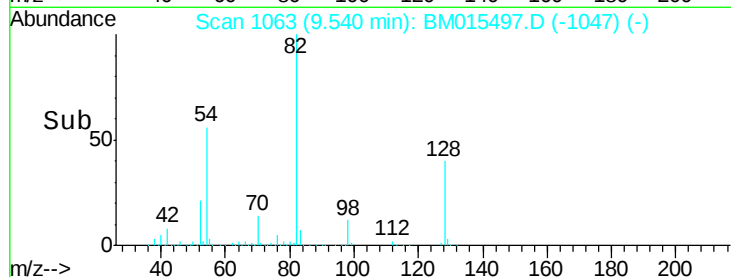
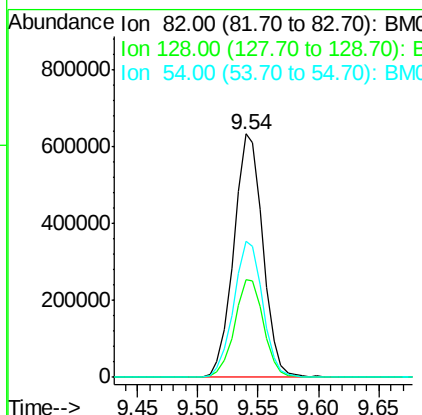
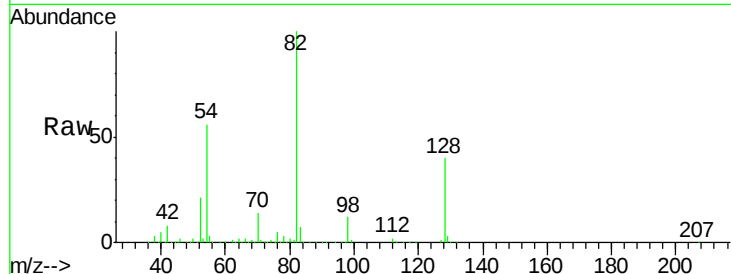




#23
Nitrobenzene-d5
Concen: 99.210 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015497.D
Acq: 06 Jun 2018 19:56

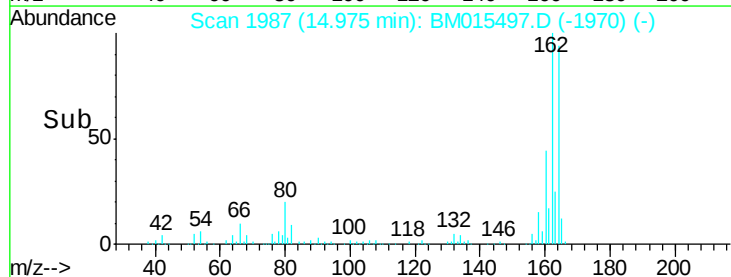
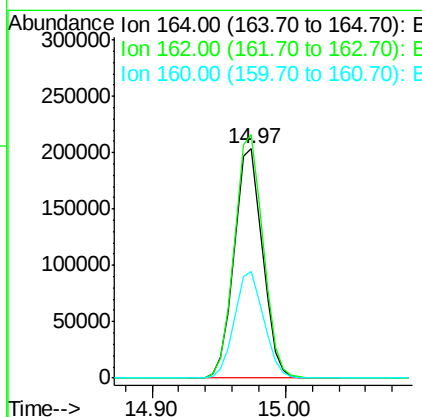
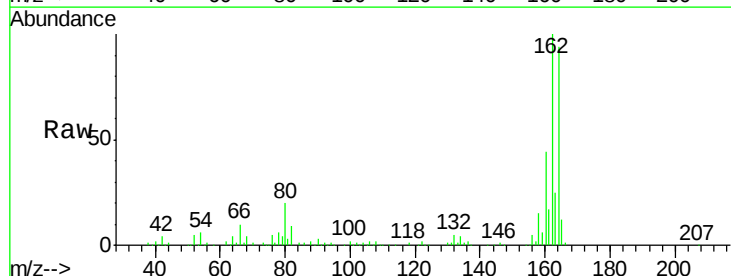
Instrument :
BNA_M
ClientSampleId :

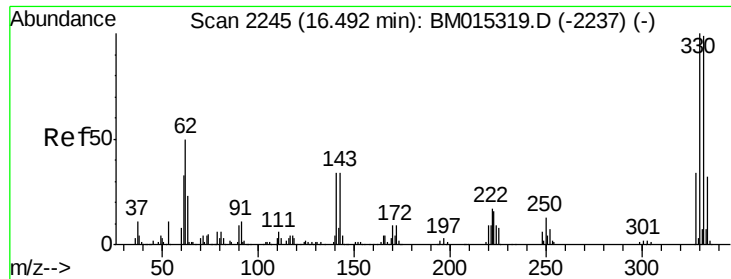
Tot Ion: 82 Resp: 1063723
Ion Ratio Lower Upper
82 100
128 40.1 32.8 49.2
54 56.0 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM015497.D
Acq: 06 Jun 2018 19:56

Tgt Ion:164 Resp: 301097
Ion Ratio Lower Upper
164 100
162 106.4 82.4 123.6
160 46.8 35.8 53.6

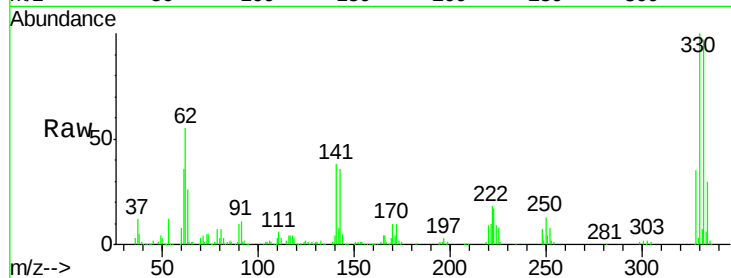




#41
 2,4,6-Tribromophenol
 Concen: 144.324 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015497.D
 Acq: 06 Jun 2018 19:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	40.9	0.0	0.0#

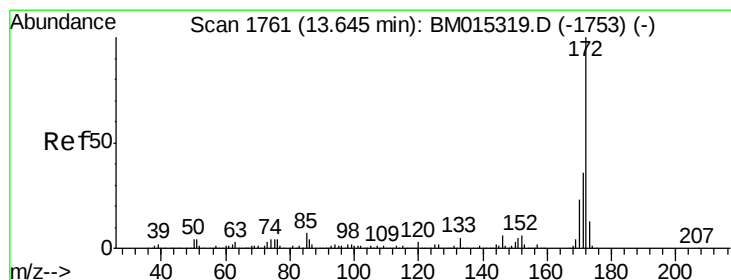
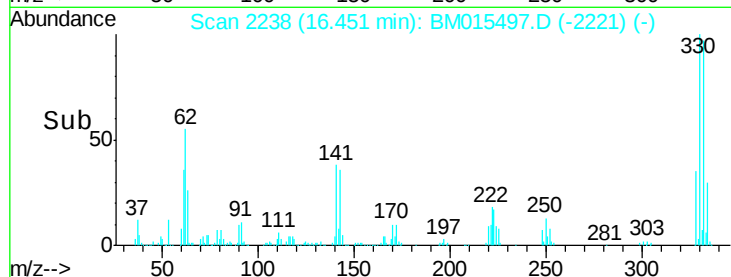
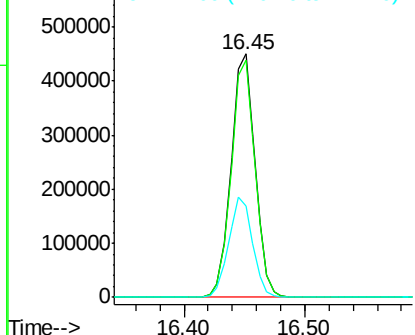


Abundance

Ion 329.80 (329.50 to 330.50): E

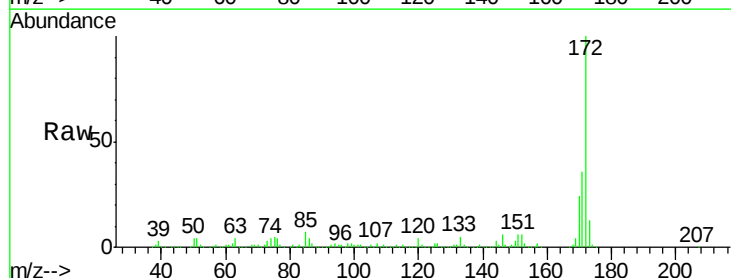
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.211 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM015497.D
 Acq: 06 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.8	18.8	28.2

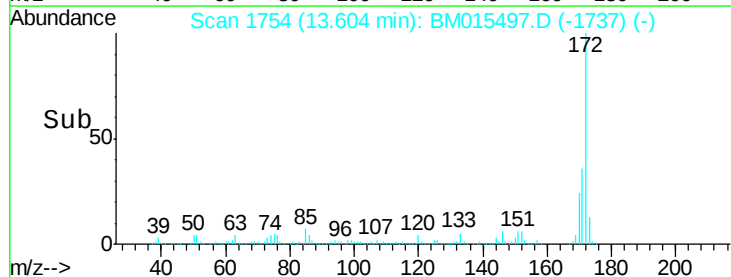
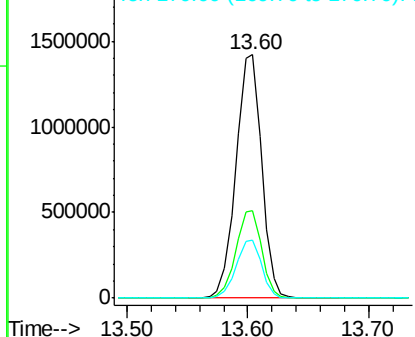


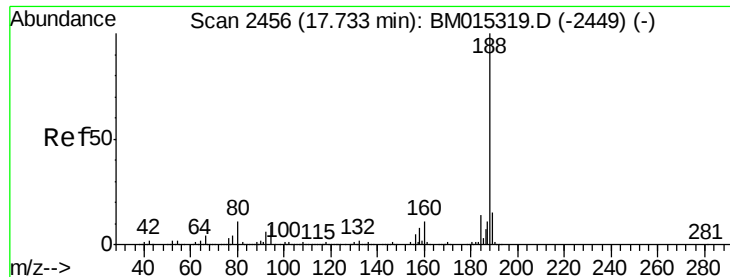
Abundance

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: BM015497.D

Acq: 06 Jun 2018 19:56

Instrument :

BNA_M

ClientSampleId :

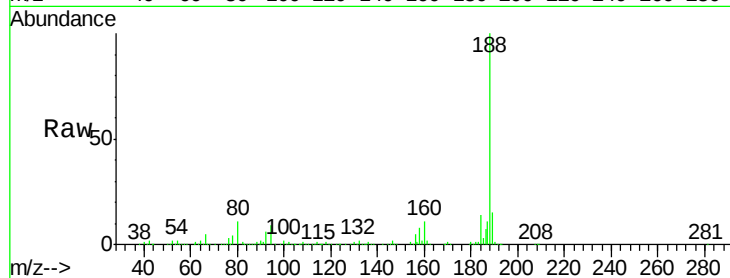
Tot Ion:188 Resp: 653730

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

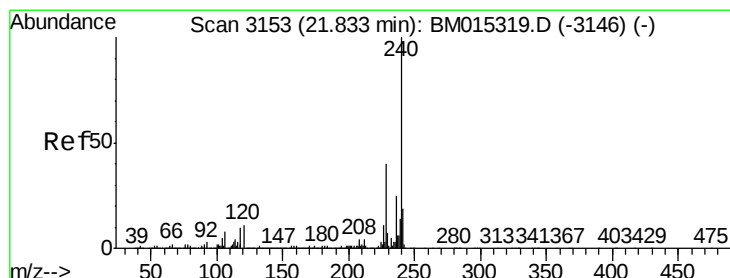
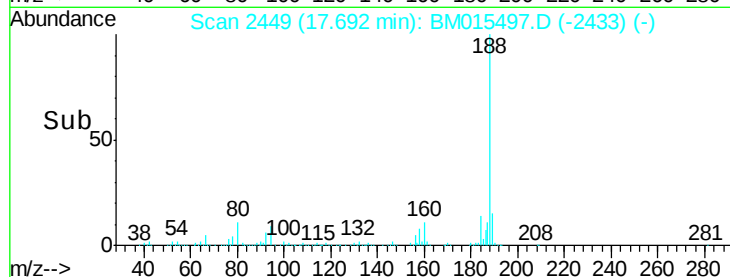
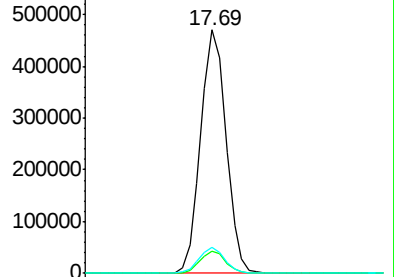
80 10.5 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM015497.D

Acq: 06 Jun 2018 19:56

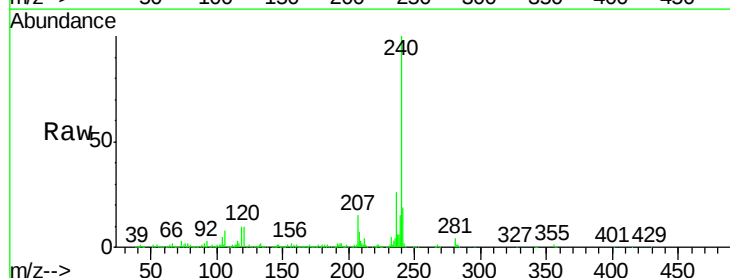
Tgt Ion:240 Resp: 668256

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

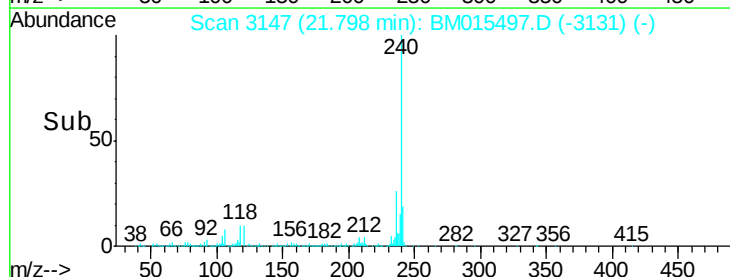
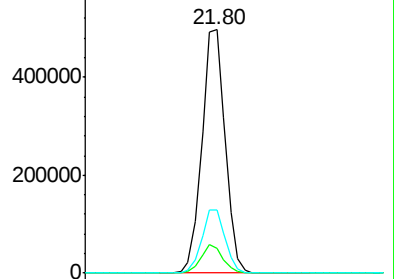
236 26.1 20.0 30.0

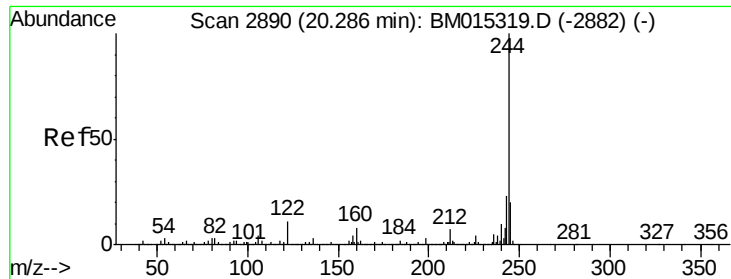


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 126.451 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015497.D

Acq: 06 Jun 2018 19:56

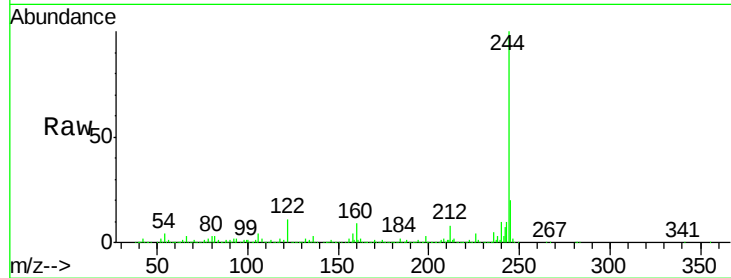
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3660965

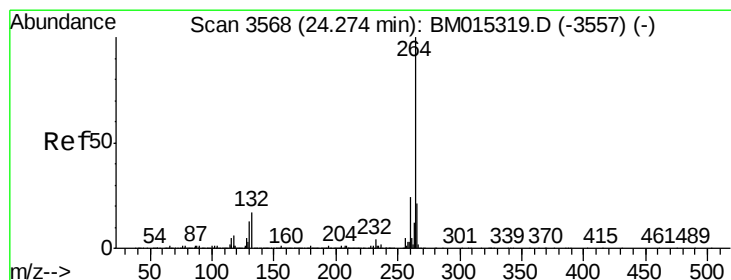
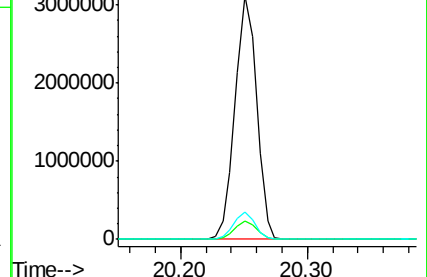
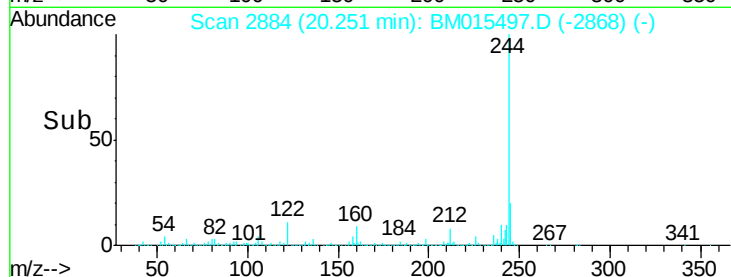
Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	11.5	6.2	9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.22 min Scan# 3558

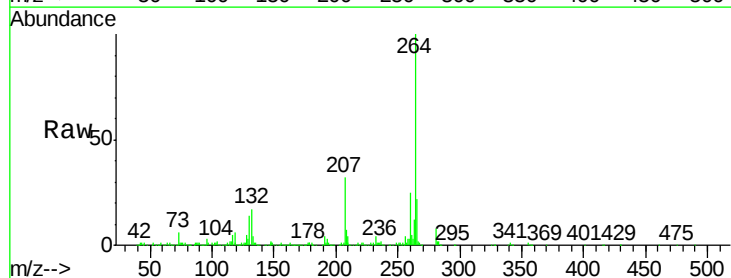
Delta R.T. -0.01 min

Lab File: BM015497.D

Acq: 06 Jun 2018 19:56

Tgt Ion:264 Resp: 702691

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	22.1	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

