

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015498.D
 Acq On : 06 Jun 2018 20:34
 Operator : SJ/JU
 Sample : J3300-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 03:18:37 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	128364	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	482391	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	250874	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	548425	20.00	ng	0.00
75) Chrysene-d12	21.79	240	556664	20.00	ng	-0.01
86) Perylene-d12	24.21	264	582873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	976865	129.45	ng	0.00
7) Phenol-d6	7.50	99	1139302	99.89	ng	0.00
23) Nitrobenzene-d5	9.54	82	911526	102.78	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	504050	139.81	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1885636	100.92	ng	0.00
78) Terphenyl-d14	20.25	244	2841100	117.80	ng	0.00

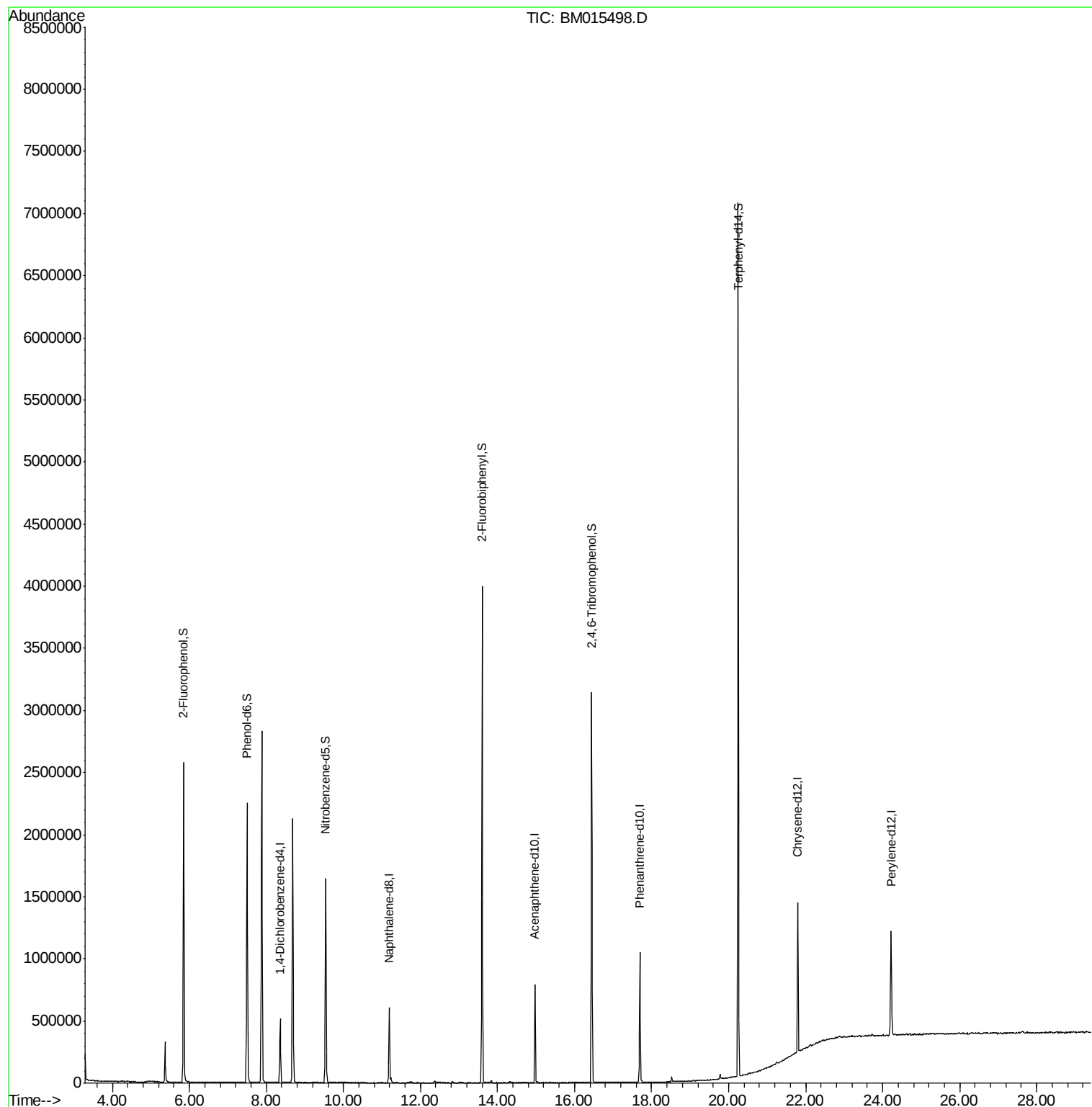
Target Compounds Qvalue

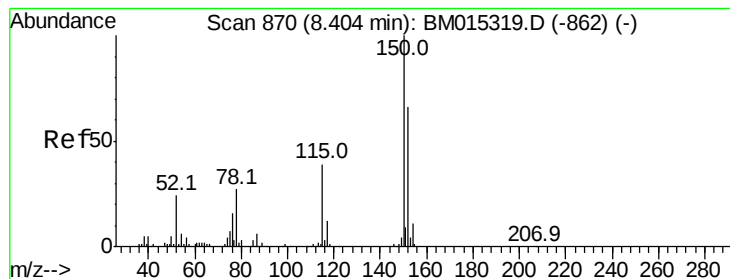
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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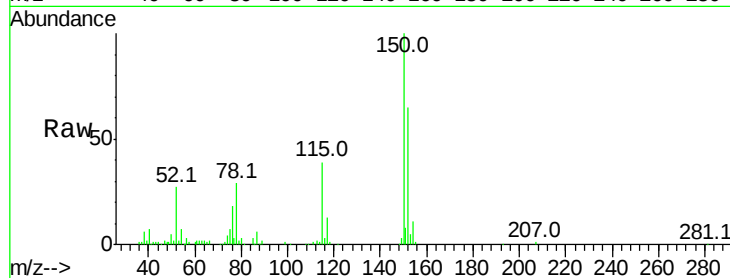


#1

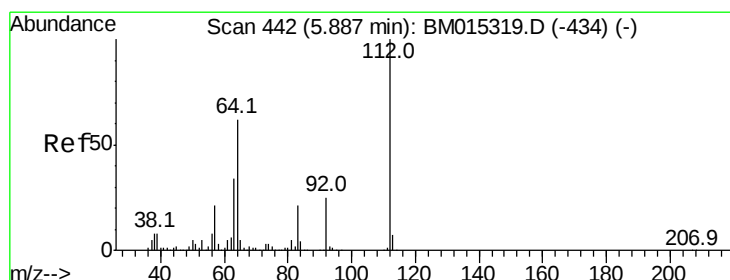
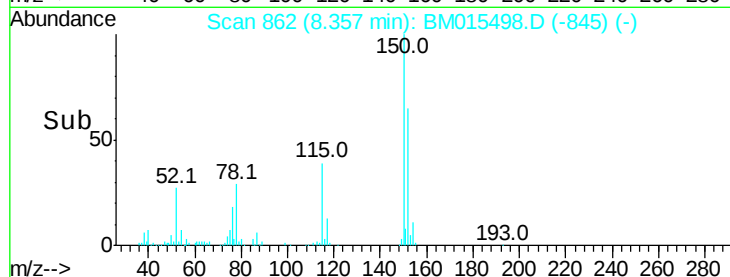
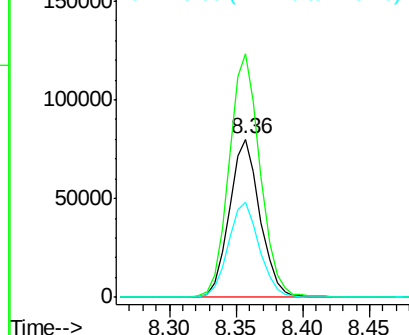
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015498.D
Acq: 06 Jun 2018 20:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 128364
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 60.3 43.0 64.4



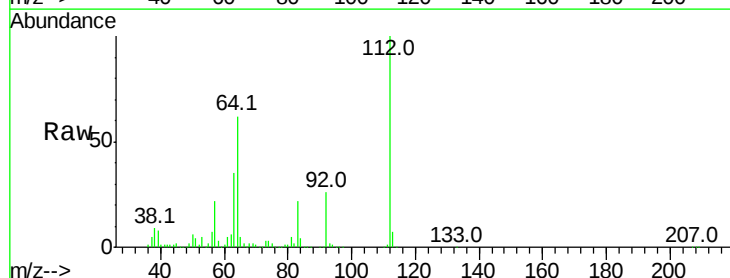
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



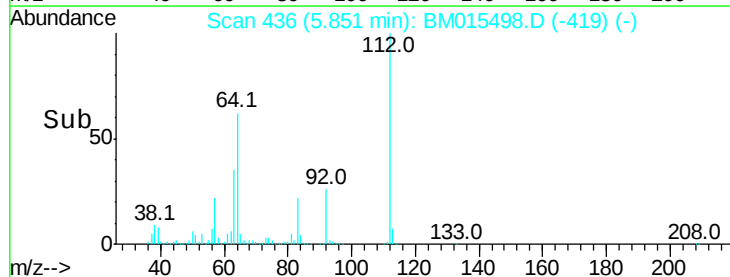
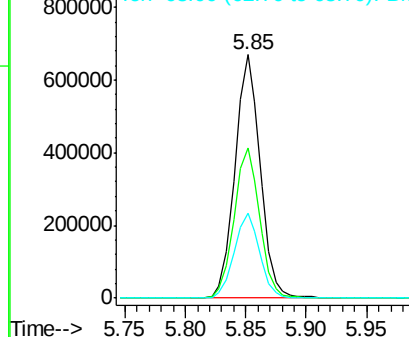
#5

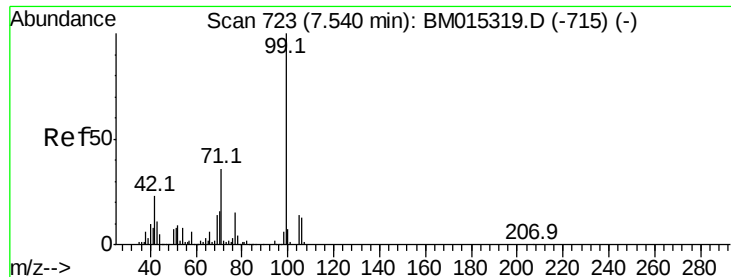
2-Fluorophenol
Concen: 129.449 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015498.D
Acq: 06 Jun 2018 20:34

Tgt Ion:112 Resp: 976865
Ion Ratio Lower Upper
112 100
64 61.9 38.6 57.8#
63 34.8 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: 99.888 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

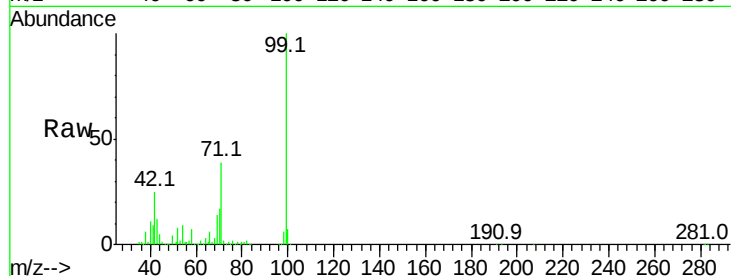
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1139302

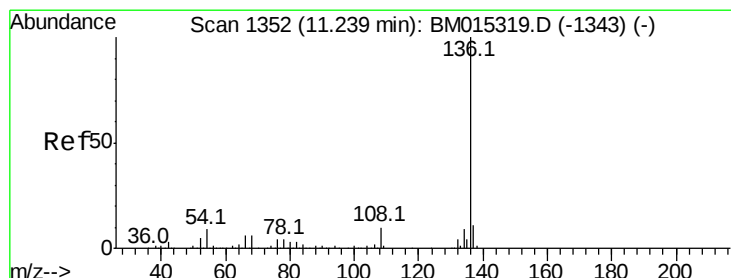
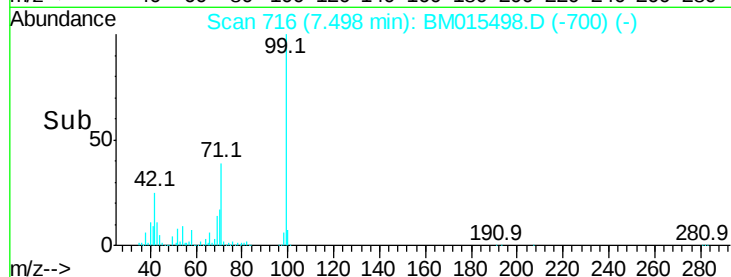
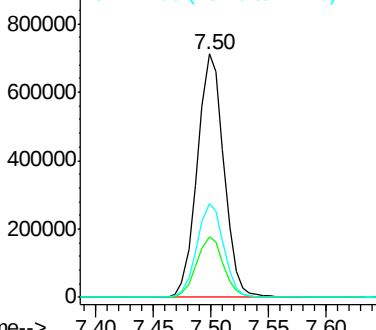
Ion	Ratio	Lower	Upper
99	100		
42	24.9	11.0	16.4#
71	38.7	23.4	35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

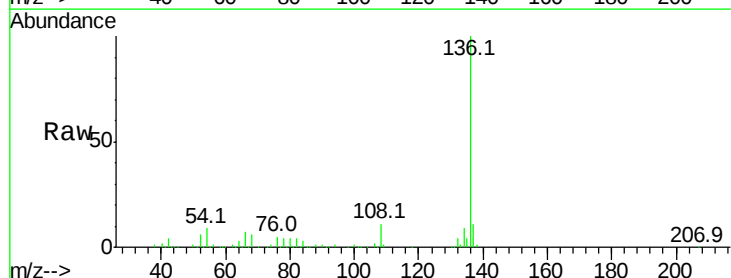
Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

Tgt Ion: 136 Resp: 482391

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.8	4.6	6.8#
68	5.9	3.7	5.5#

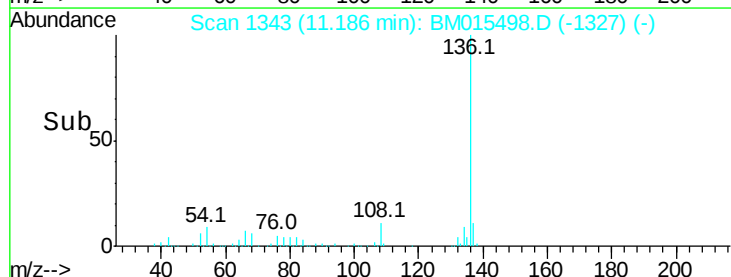
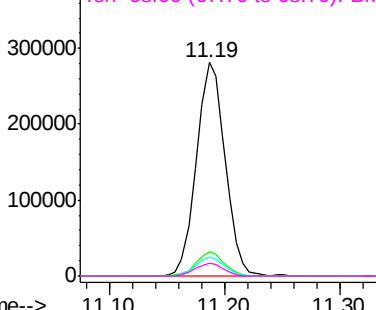


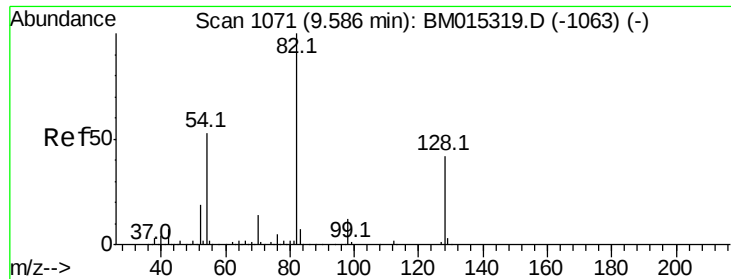
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

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) (-)

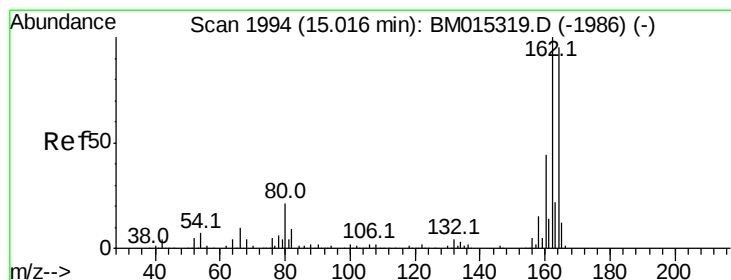
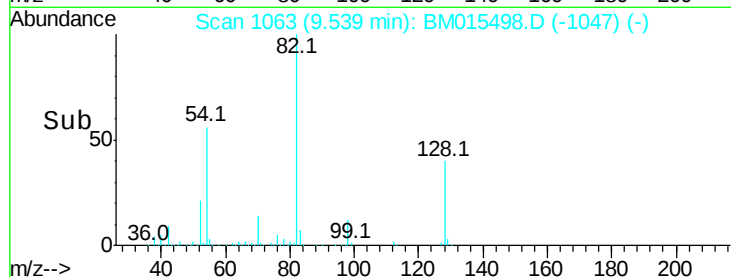
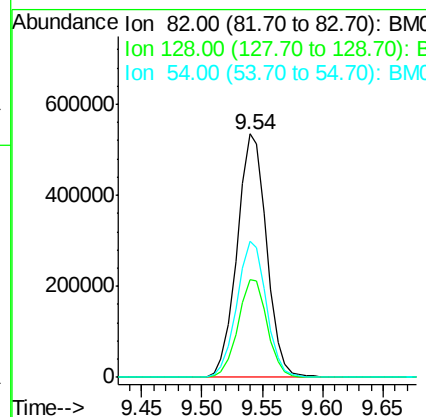
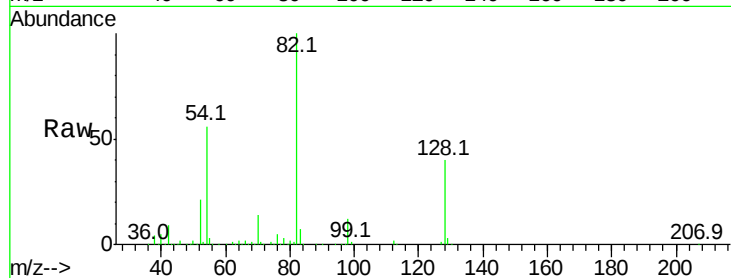




#23
Nitrobenzene-d5
Concen: 102.781 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015498.D
Acq: 06 Jun 2018 20:34

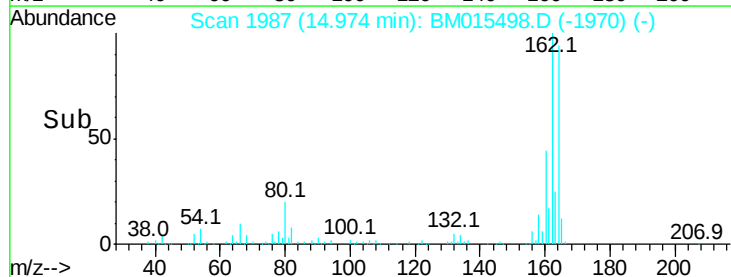
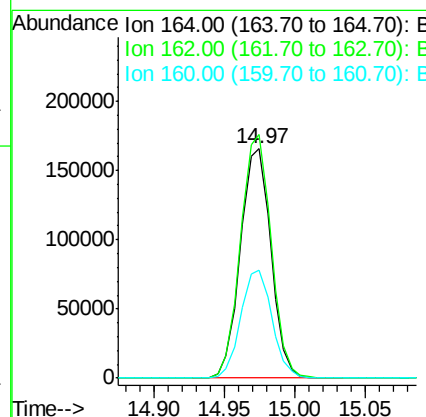
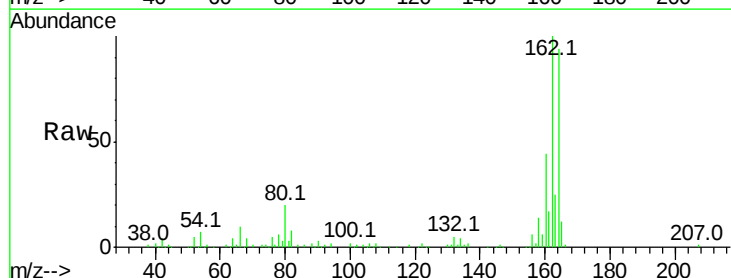
Instrument :
BNA_M
ClientSampleId :

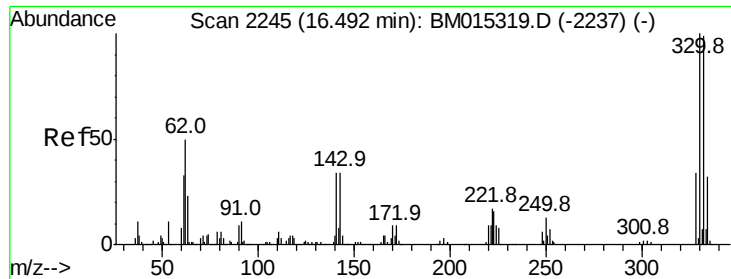
Tot Ion	82	Resp	911526
Ion Ratio	Lower	Upper	
82	100		
128	40.3	32.8	49.2
54	55.7	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM015498.D
Acq: 06 Jun 2018 20:34

Tgt Ion	164	Resp	250874
Ion Ratio	Lower	Upper	
164	100		
162	106.2	82.4	123.6
160	46.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 139.810 ng

RT: 16.45 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

Instrument :

BNA_M

ClientSampleId :

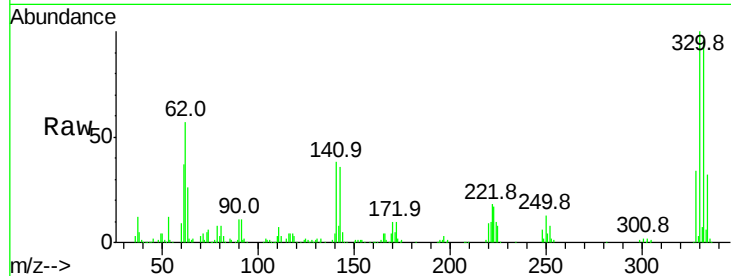
Tot Ion:330 Resp: 504050

Ion Ratio Lower Upper

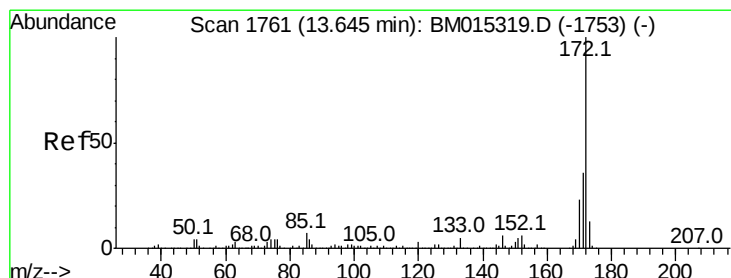
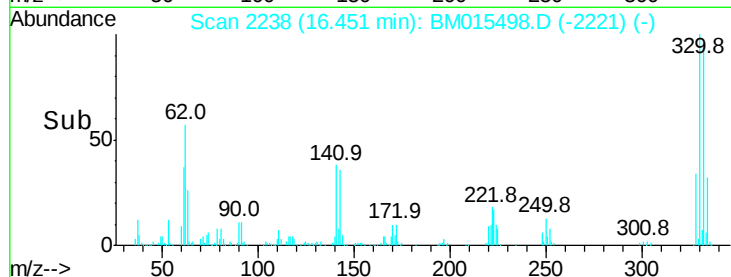
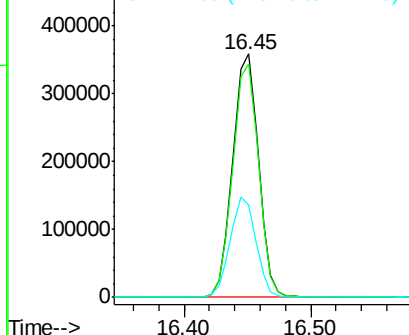
330 100

332 96.6 0.0 0.0#

141 41.3 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: 100.918 ng

RT: 13.60 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

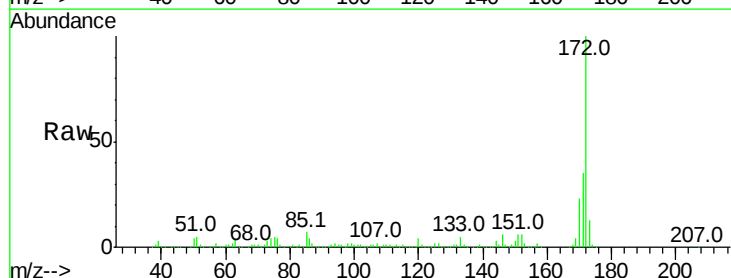
Tgt Ion:172 Resp: 1885636

Ion Ratio Lower Upper

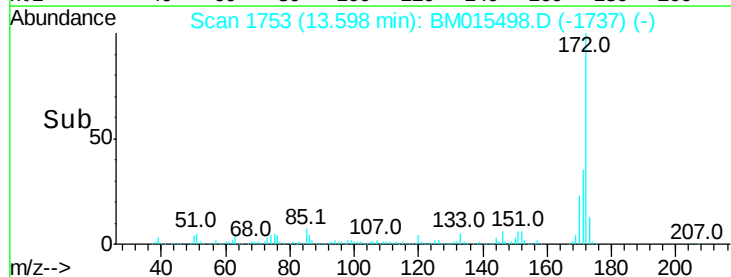
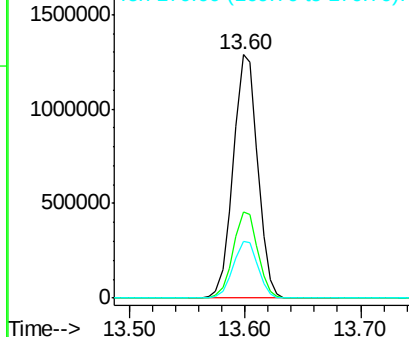
172 100

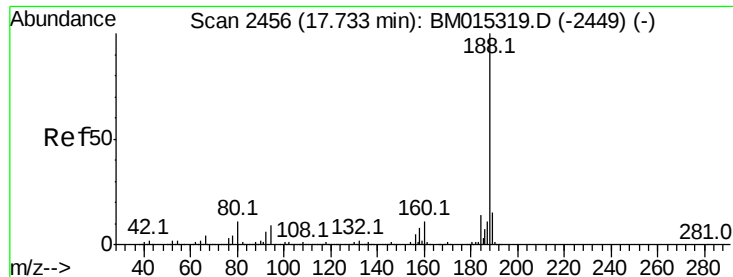
171 35.4 28.5 42.7

170 23.3 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: BM015498.D

Acq: 06 Jun 2018 20:34

Instrument :

BNA_M

ClientSampled :

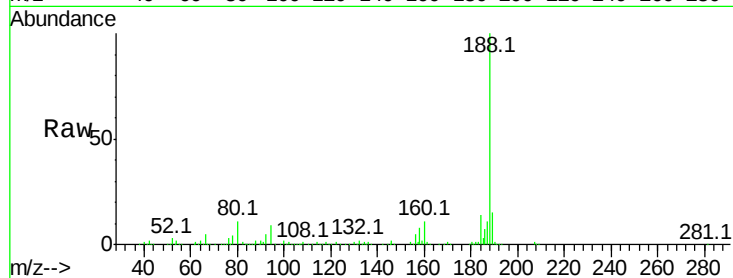
Tot Ion:188 Resp: 548425

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

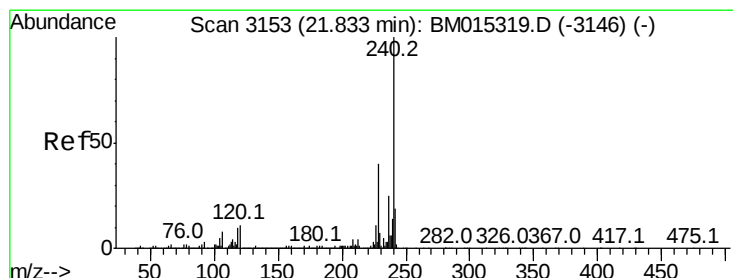
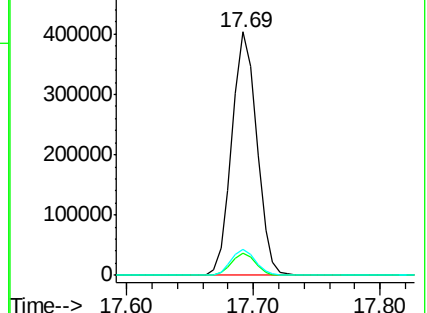
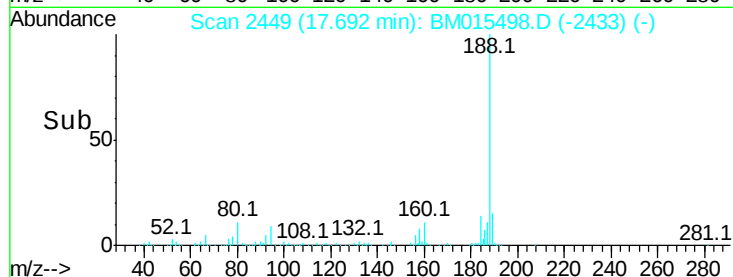
80 10.6 9.3 13.9



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: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

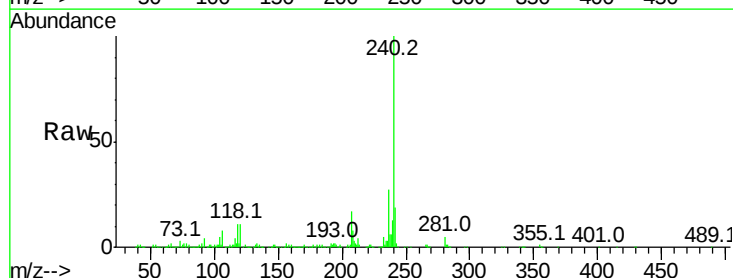
Tgt Ion:240 Resp: 556664

Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

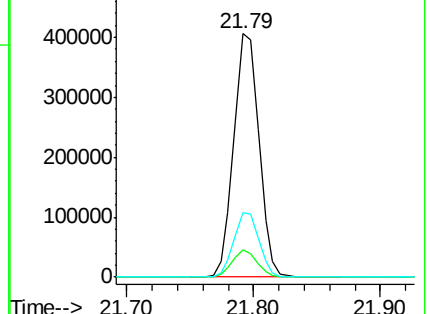
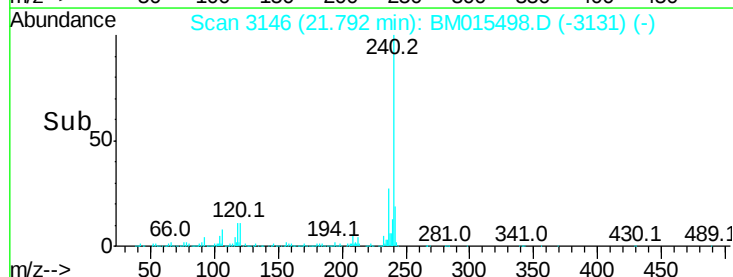
236 26.6 20.0 30.0

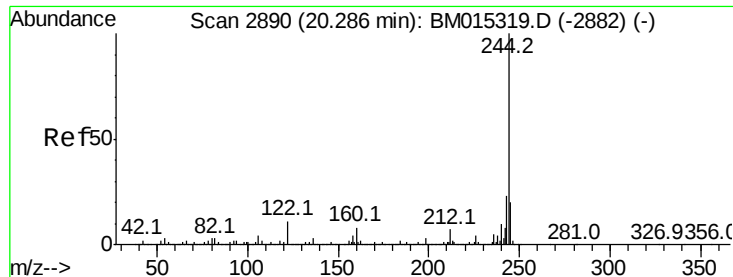


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 117.804 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

Instrument :

BNA_M

ClientSampleId :

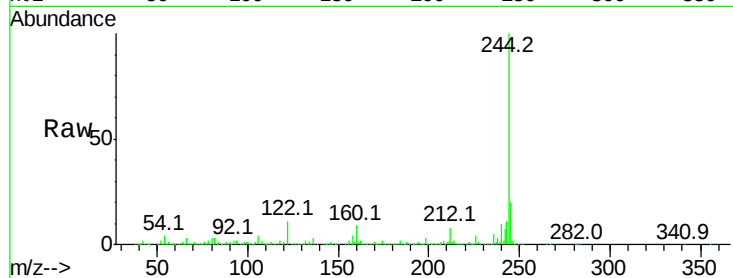
Tot Ion:244 Resp: 2841100

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	11.4	6.2	9.4#

244 100

212 7.7 4.9 7.3#

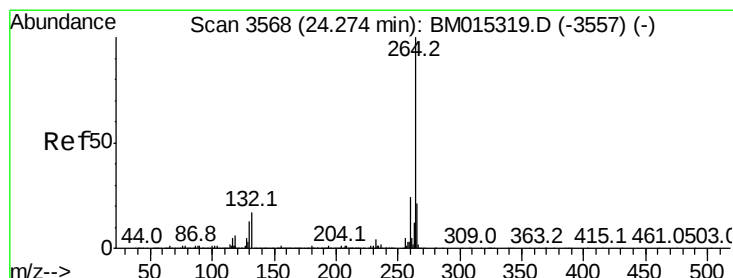
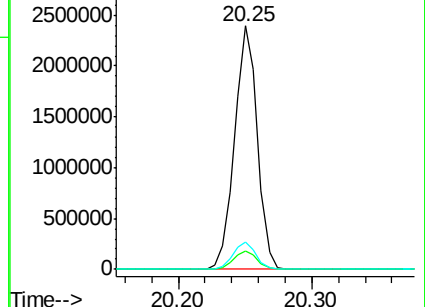
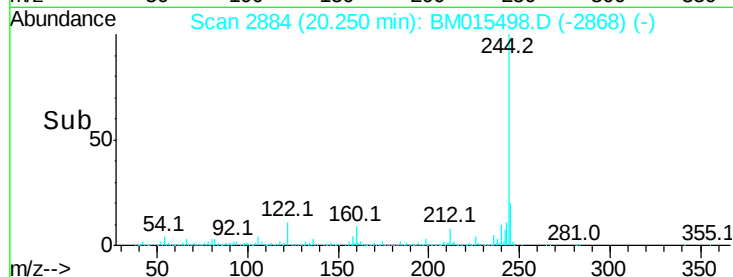
122 11.4 6.2 9.4#



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# 3558

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

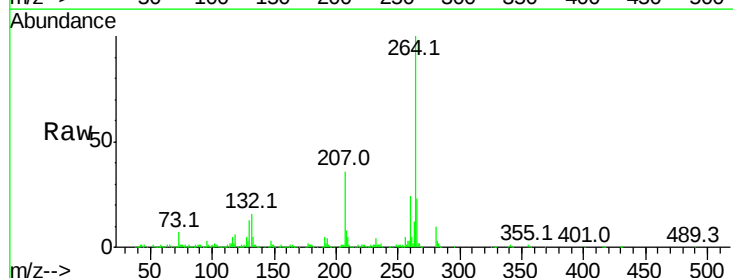
Tgt Ion:264 Resp: 582873

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.7	17.3	25.9

264 100

260 24.0 18.6 27.8

265 22.7 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

