

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017558.D
 Acq On : 07 Nov 2018 14:00
 Operator : MJ/SJ
 Sample : J5805-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(1-5)

Quant Time: Nov 07 15:19:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	259762	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	976197	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	575384	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1501791	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1739029	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1705730	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1616312	105.24	ng	-0.01
7) Phenol-d6	6.81	99	1871963	89.49	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1605574	96.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1118577	143.75	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3695148	85.45	ng	-0.02
79) Terphenyl-d14	19.67	244	7152383	92.70	ng	-0.02

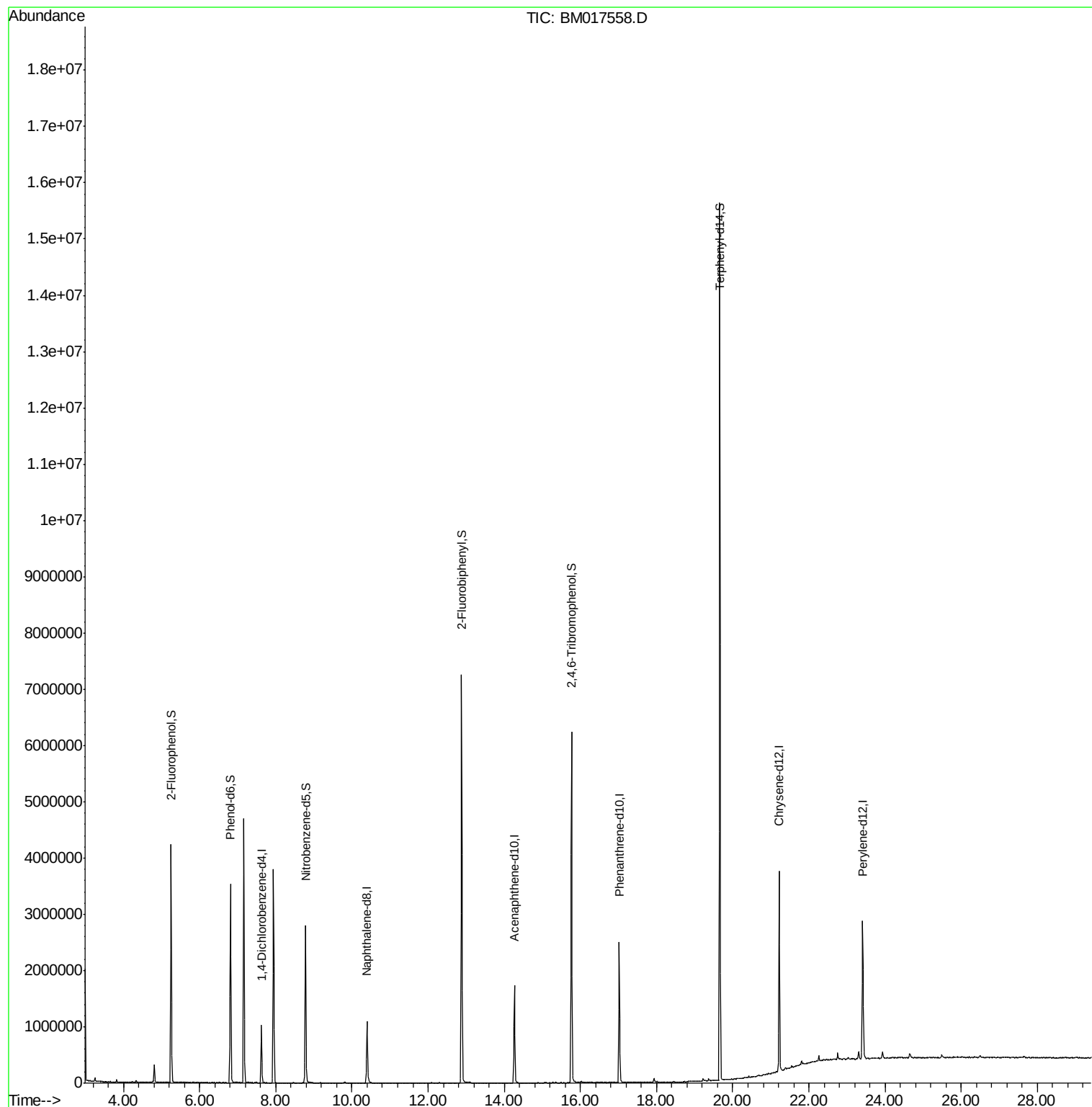
Target Compounds Qvalue

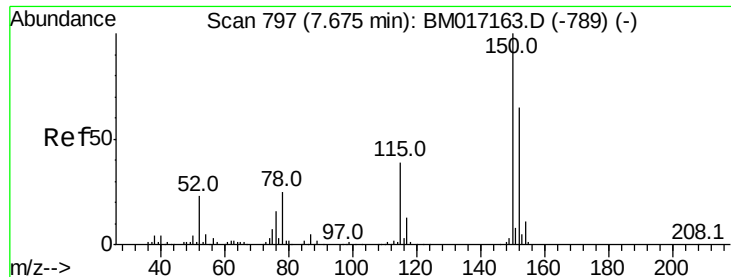
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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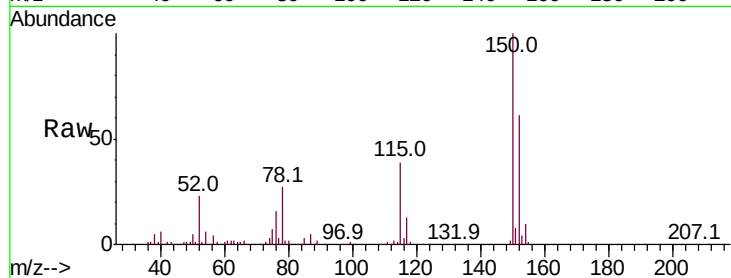


#1

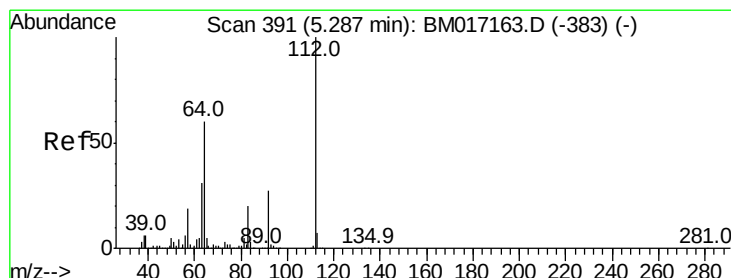
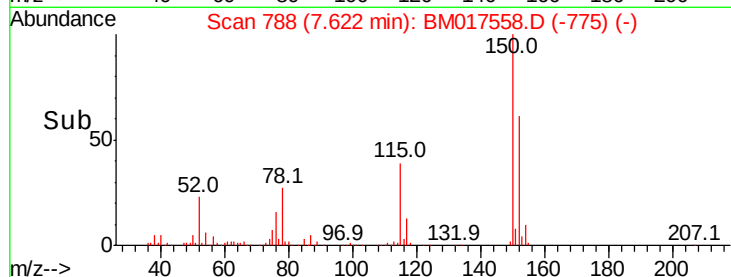
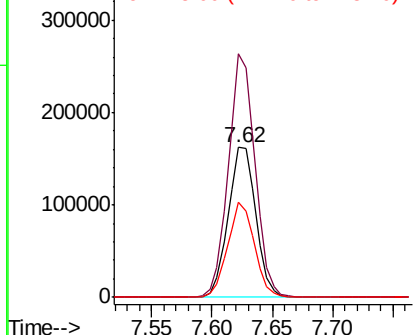
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017558.D
Acq: 07 Nov 2018 14:00

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(1-5)

Tot Ion:152 Resp: 259762
Ion Ratio Lower Upper
152 100
150 162.7 124.3 186.5
115 63.7 48.1 72.1



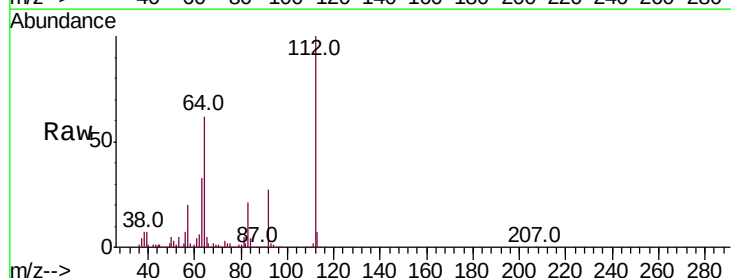
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



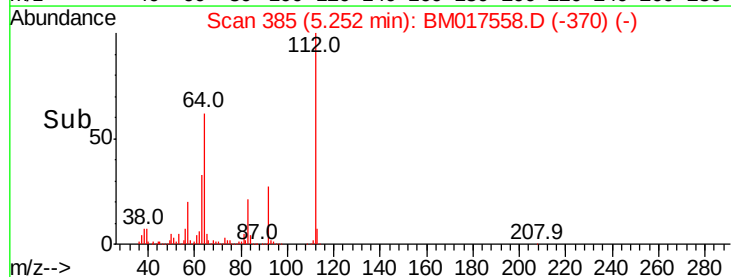
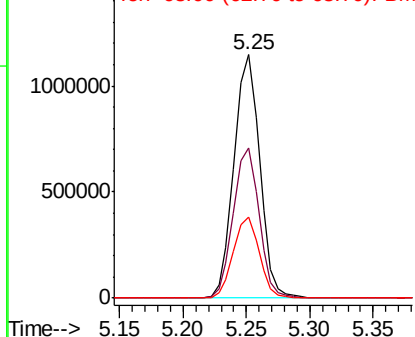
#5

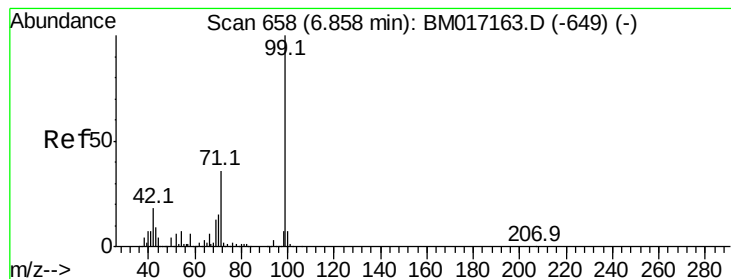
2-Fluorophenol
Concen: 105.240 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017558.D
Acq: 07 Nov 2018 14:00

Tgt Ion:112 Resp: 1616312
Ion Ratio Lower Upper
112 100
64 61.8 41.7 62.5
63 33.4 23.0 34.4



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: 89.494 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017558.D

Acq: 07 Nov 2018 14:00

Instrument :

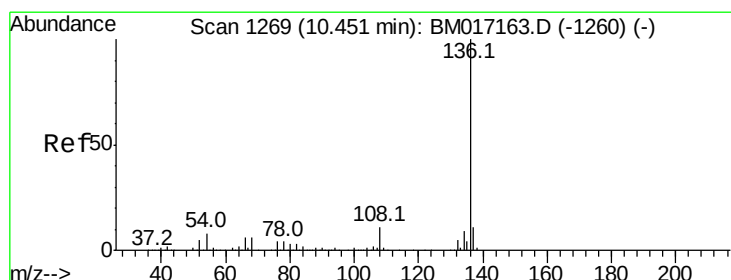
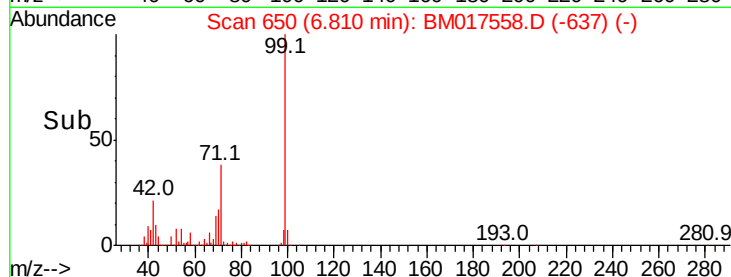
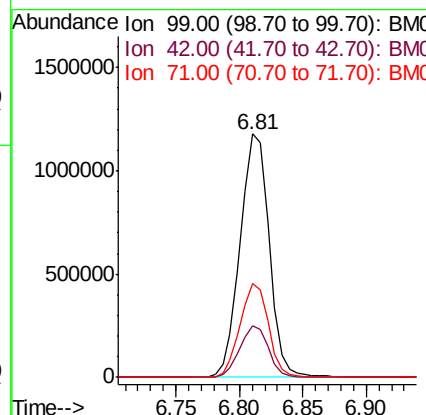
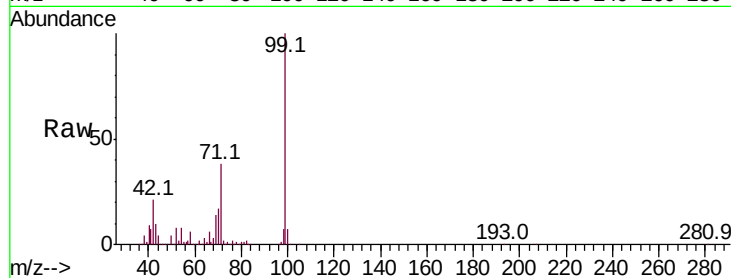
BNA_M

ClientSampleId :

COMP-SAMPLES(1-5)

Tot Ion: 99 Resp: 1871963

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.3	19.9#
71	38.4	28.0	42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

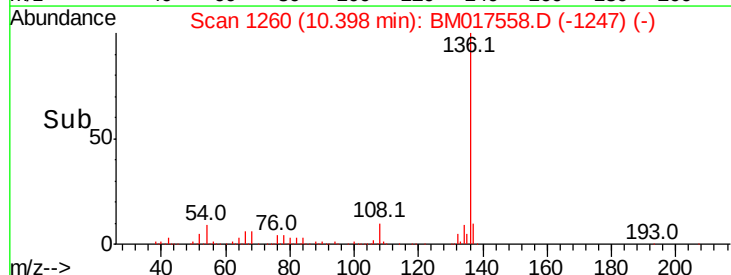
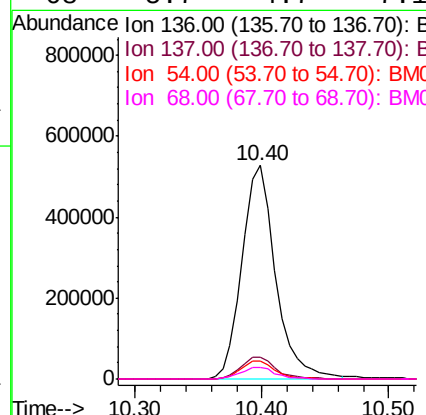
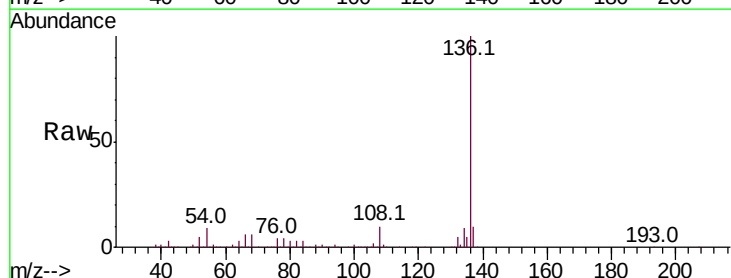
Delta R.T. -0.02 min

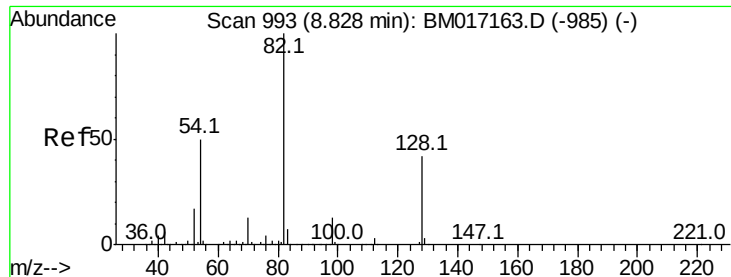
Lab File: BM017558.D

Acq: 07 Nov 2018 14:00

Tgt Ion: 136 Resp: 976197

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	8.5	6.7	10.1
68	5.7	4.7	7.1



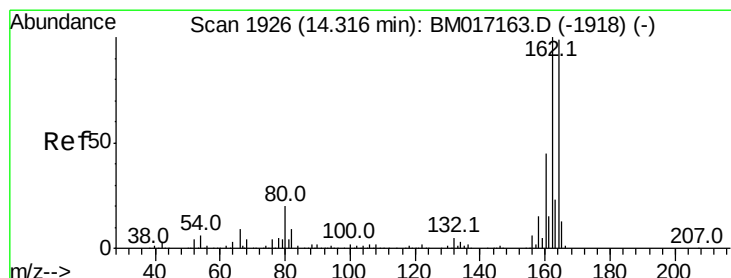
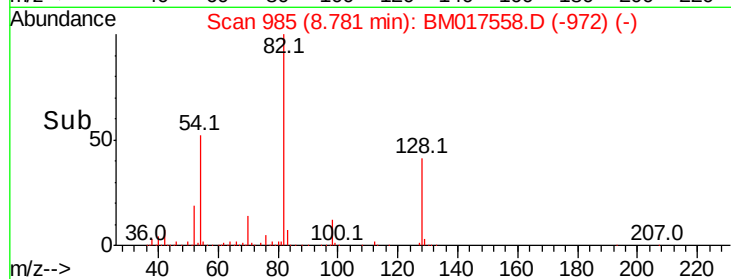
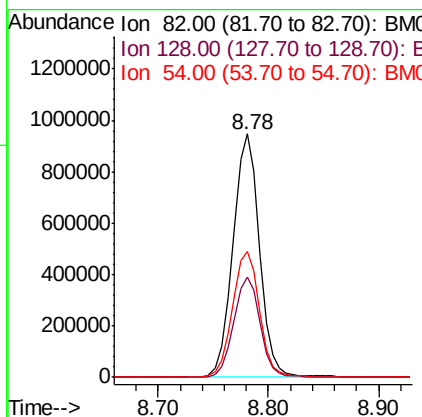
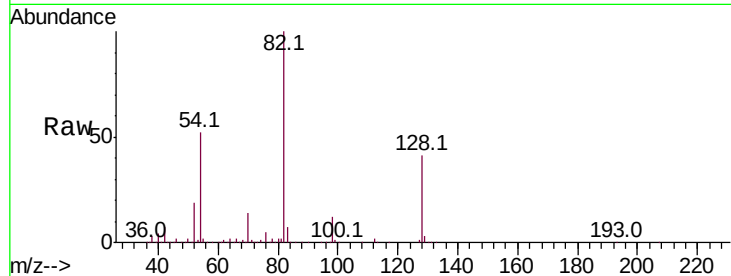


#23
 Nitrobenzene-d5
 Concen: 96.193 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017558.D
 Acq: 07 Nov 2018 14:00

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(1-5)

Tot Ion: 82 Resp: 1605574

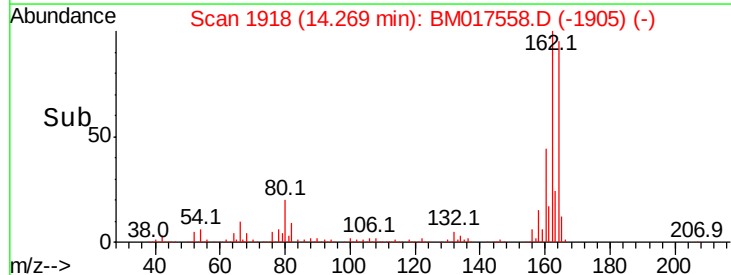
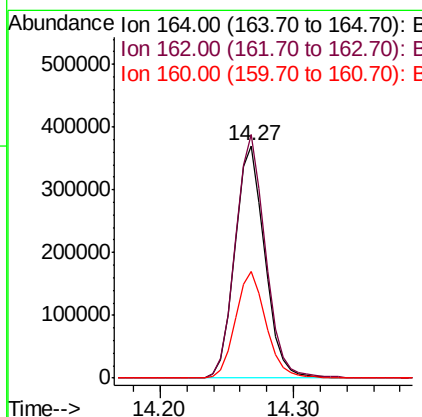
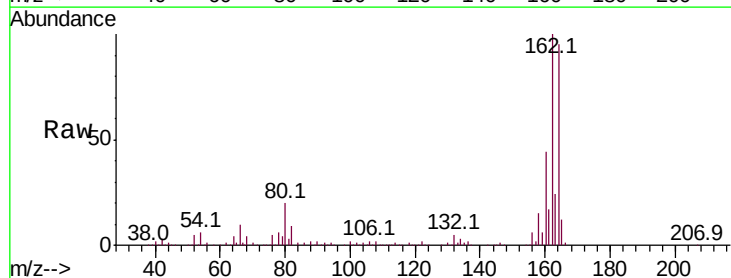
Ion	Ratio	Lower	Upper
82	100		
128	41.2	37.0	55.6
54	51.9	40.7	61.1

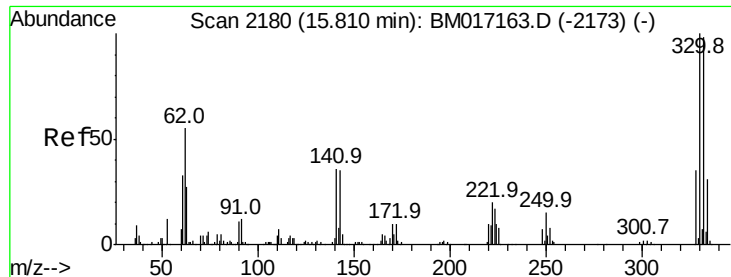


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017558.D
 Acq: 07 Nov 2018 14:00

Tgt Ion:164 Resp: 575384

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.1	123.1
160	45.8	40.2	60.2



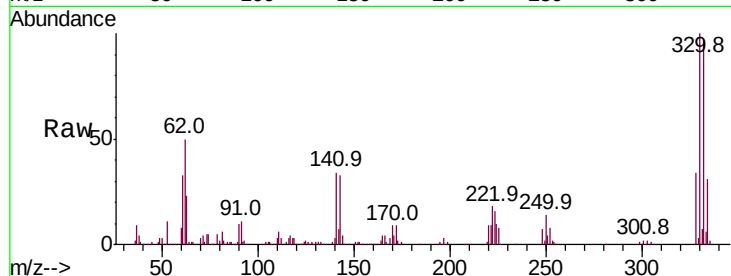


#42
 2,4,6-Tribromophenol
 Concen: 143.753 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017558.D
 Acq: 07 Nov 2018 14:00

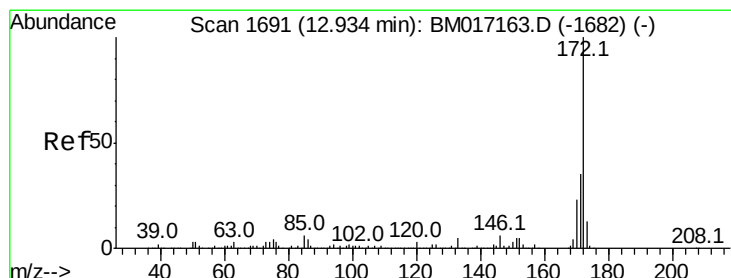
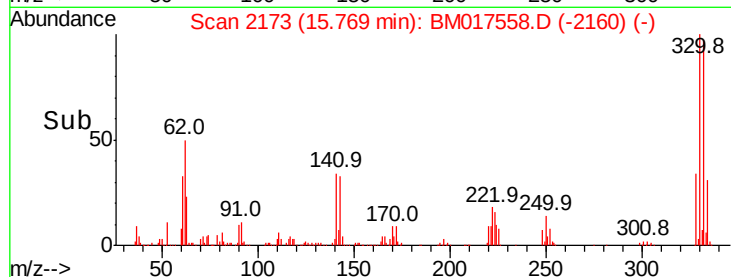
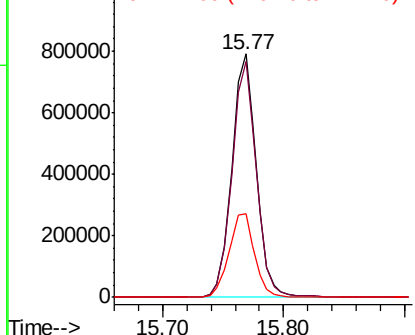
Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(1-5)

Tot Ion:330 Resp: 1118577

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	36.1	27.4	41.0



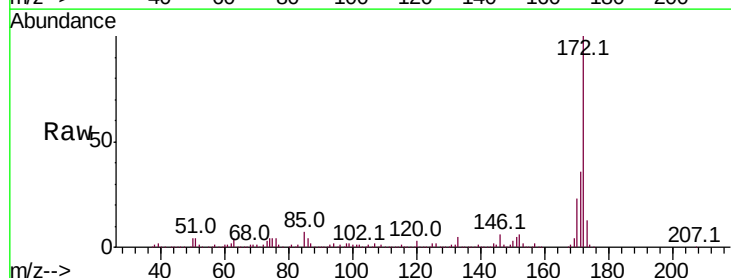
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



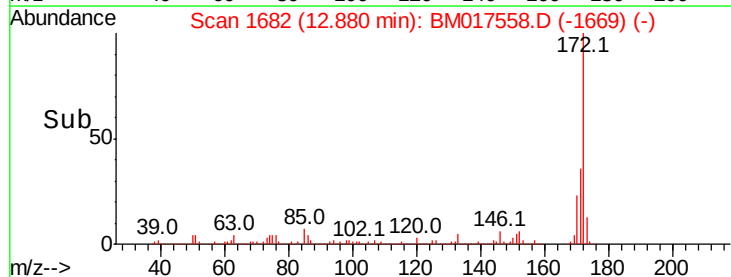
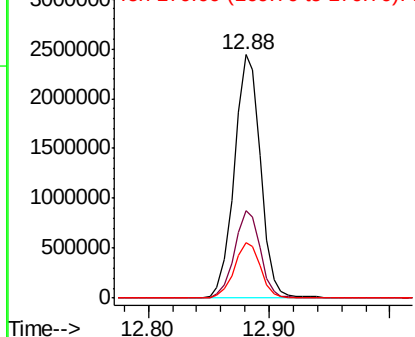
#45
 2-Fluorobiphenyl
 Concen: 85.448 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017558.D
 Acq: 07 Nov 2018 14:00

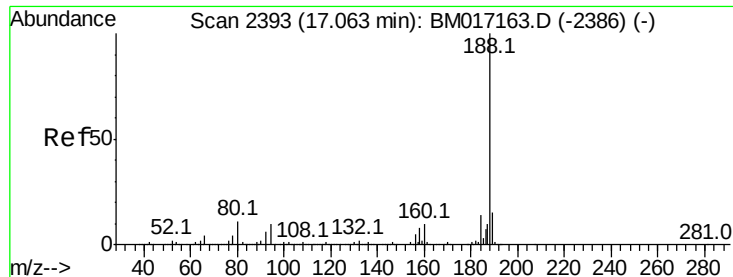
Tgt Ion:172 Resp: 3695148

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	22.9	18.3	27.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017558.D

Acq: 07 Nov 2018 14:00

Instrument :

BNA_M

ClientSampleId :

COMP-SAMPLES(1-5)

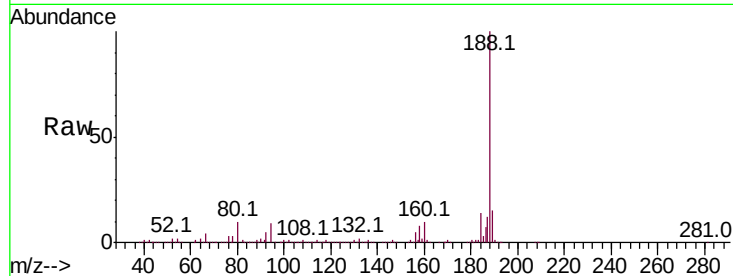
Tot Ion:188 Resp: 1501791

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

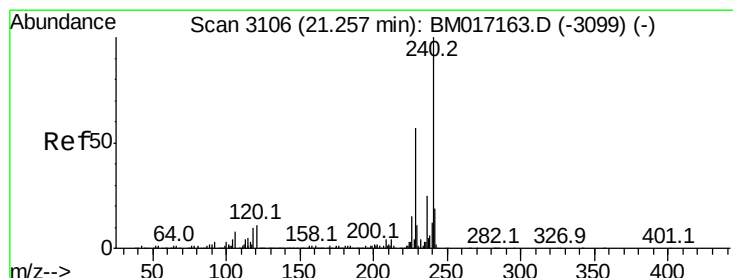
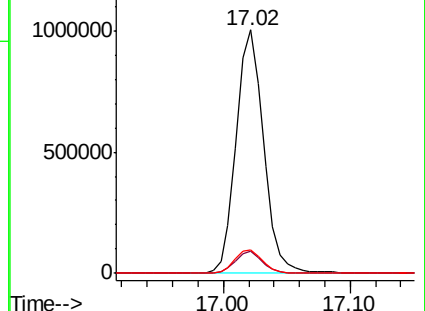
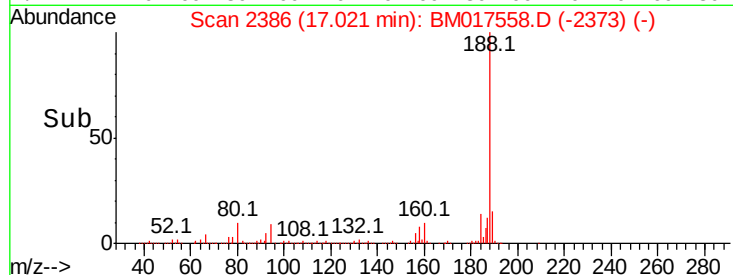
80 9.8 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017558.D

Acq: 07 Nov 2018 14:00

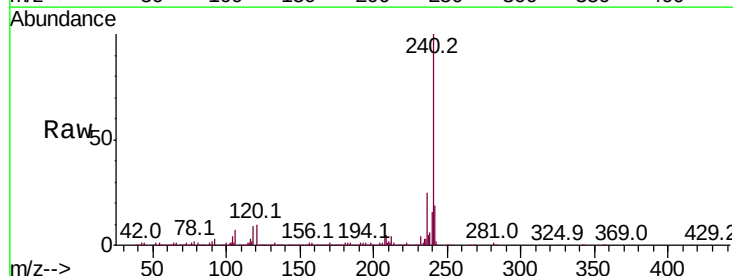
Tgt Ion:240 Resp: 1739029

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

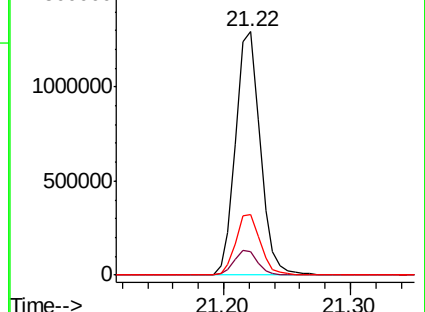
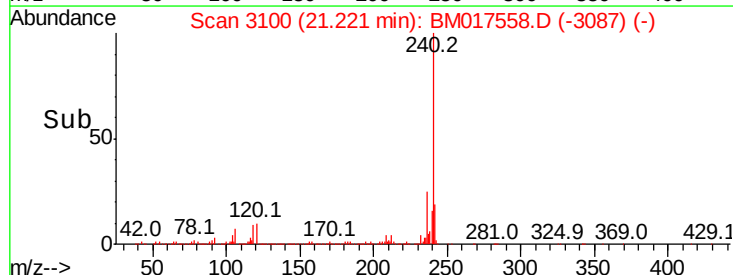
236 24.7 19.9 29.9

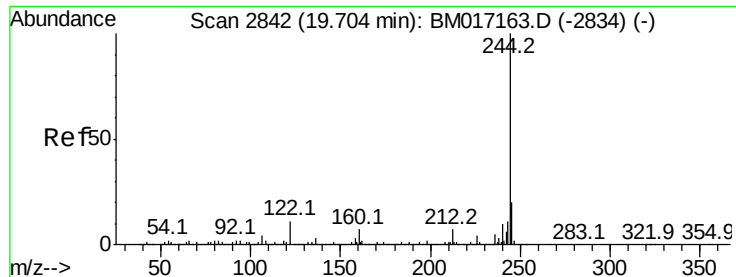


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



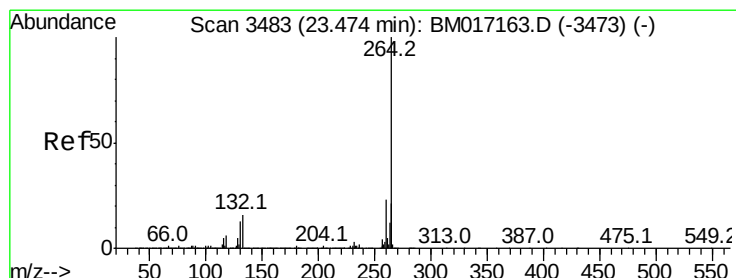
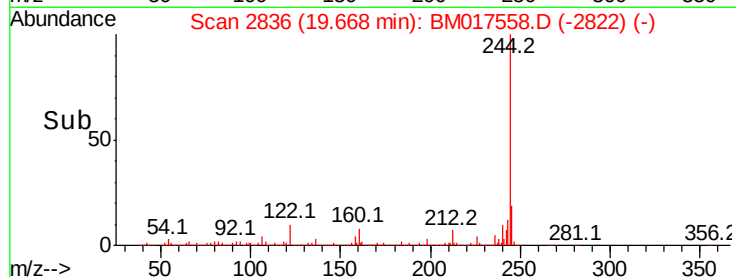
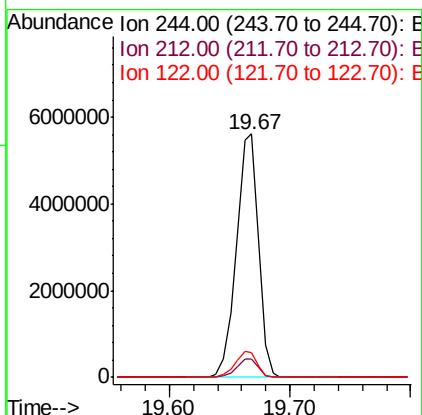
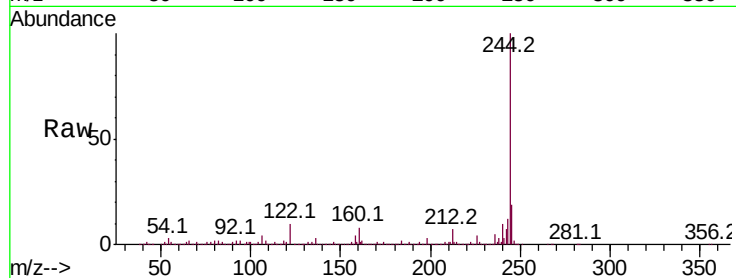


#79
 Terphenyl-d14
 Concen: 92.704 ng
 RT: 19.67 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM017558.D
 Acq: 07 Nov 2018 14:00

Instrument :
 BNA_M
 ClientSampleId :
 COMP-SAMPLES(1-5)

Tot Ion:244 Resp: 7152383

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	10.1	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.42 min Scan# 3473
 Delta R.T. -0.04 min
 Lab File: BM017558.D
 Acq: 07 Nov 2018 14:00

Tgt Ion:264 Resp: 1705730

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.1	17.8	26.8

