

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017636.D
 Acq On : 14 Nov 2018 00:26
 Operator : MJ/SJ
 Sample : J5895-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-1

Quant Time: Nov 14 03:34:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	257565	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1025077	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	600083	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1356327	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1301331	20.00	ng	0.00
87) Perylene-d12	23.40	264	1086652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	799033	52.36	ng	0.00
7) Phenol-d6	6.80	99	648809	30.44	ng	0.00
23) Nitrobenzene-d5	8.77	82	1600967	80.63	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1008681	116.98	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3631042	78.50	ng	0.00
79) Terphenyl-d14	19.66	244	5364715	93.43	ng	0.00

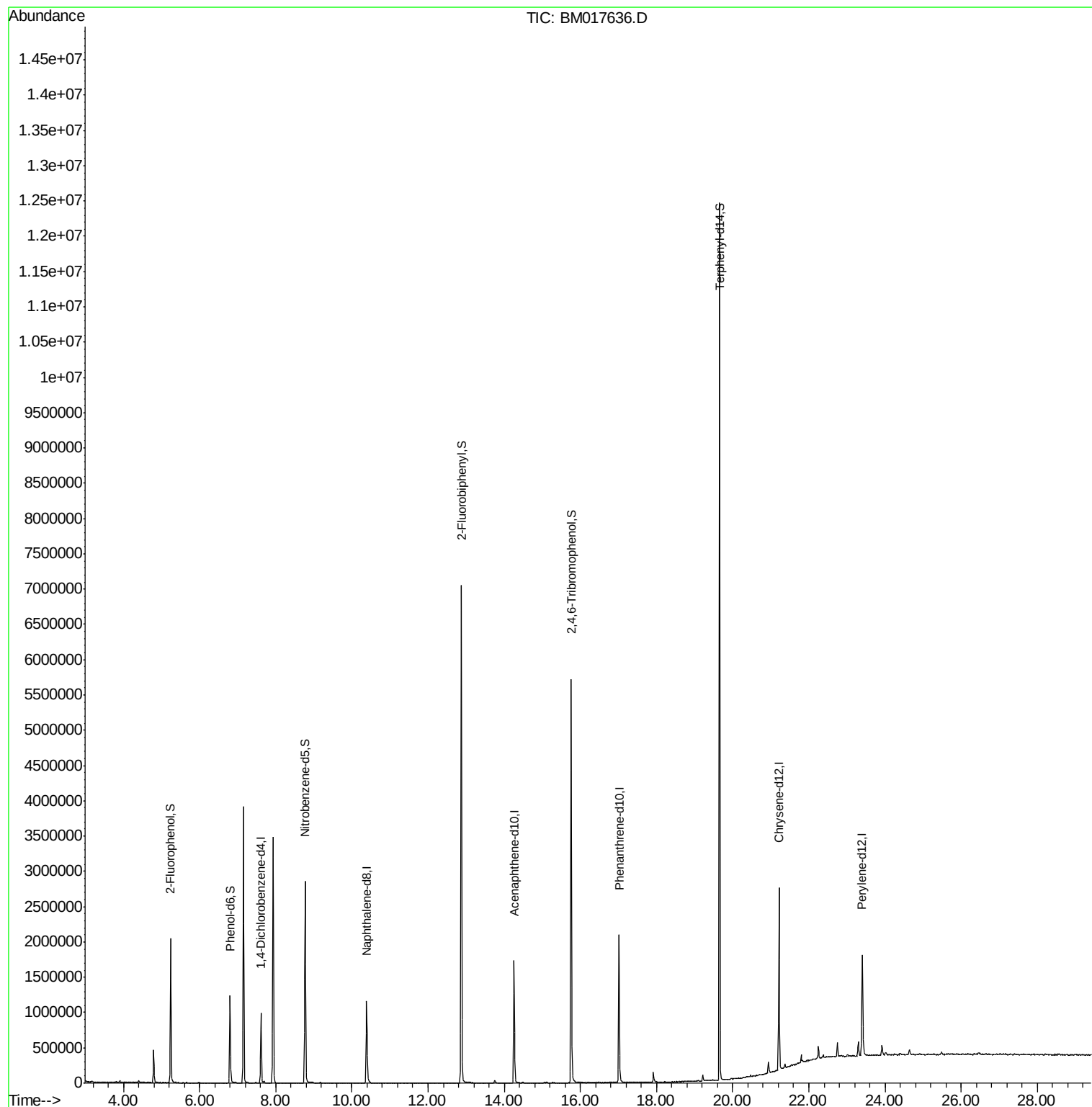
Target Compounds Qvalue

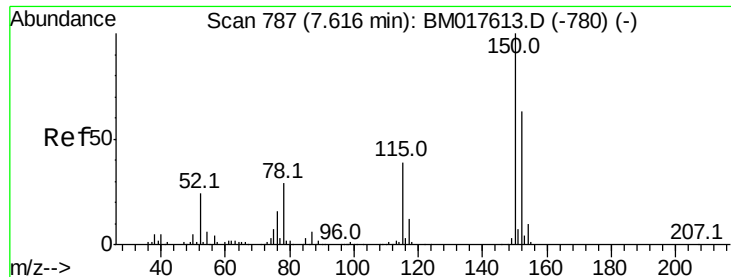
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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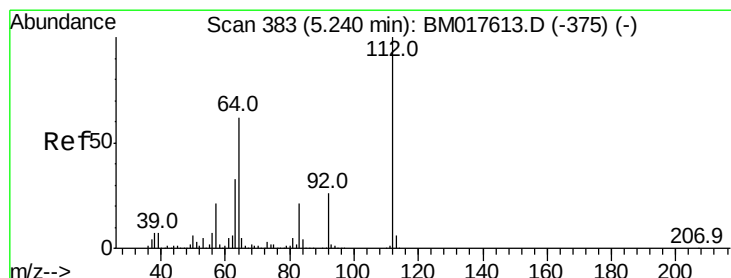
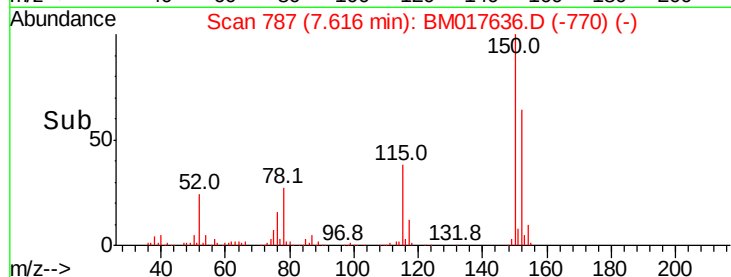
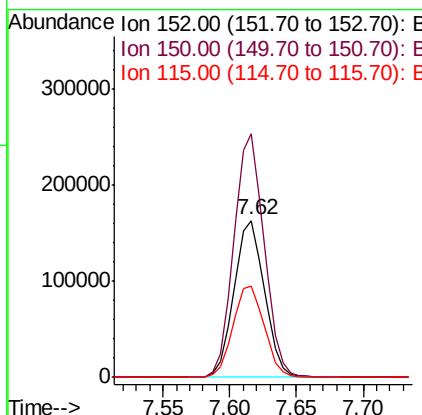
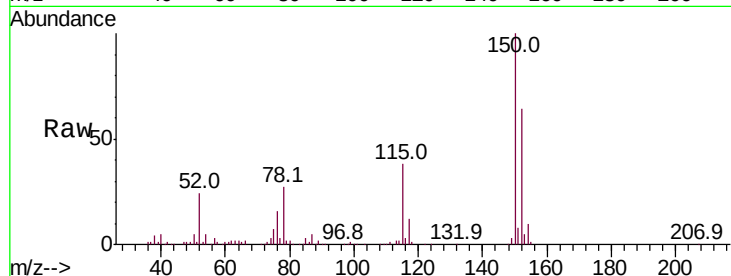


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017636.D
Acq: 14 Nov 2018 00:26

Instrument :
BNA_M
ClientSampleId :
SB-1

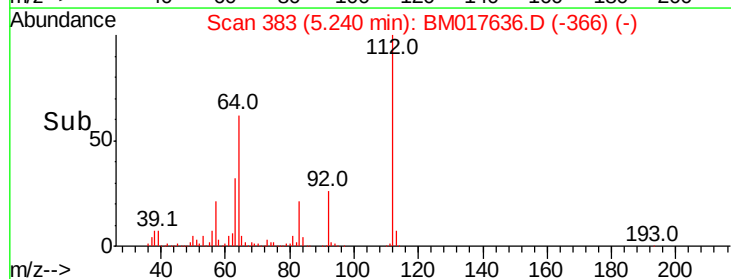
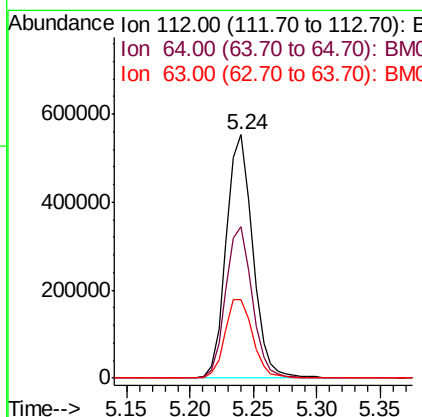
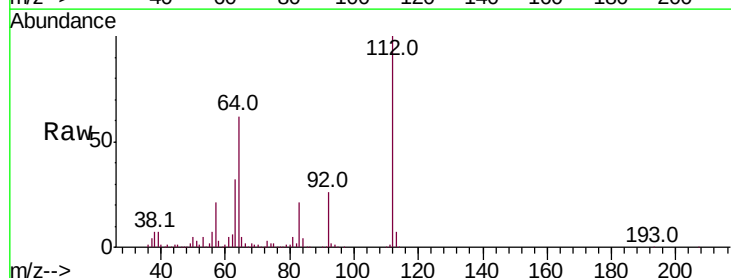
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.4	189.6
115	58.4	49.4	74.0

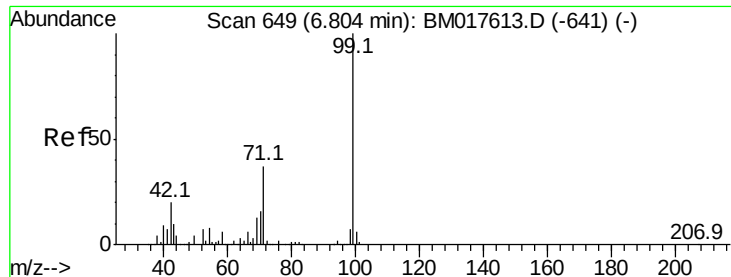


#5

2-Fluorophenol
Concen: 52.355 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017636.D
Acq: 14 Nov 2018 00:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.3	73.9
63	32.5	26.2	39.4





#7

Phenol-d6

Concen: 30.439 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017636.D

Acq: 14 Nov 2018 00:26

Instrument :

BNA_M

ClientSampled :

SB-1

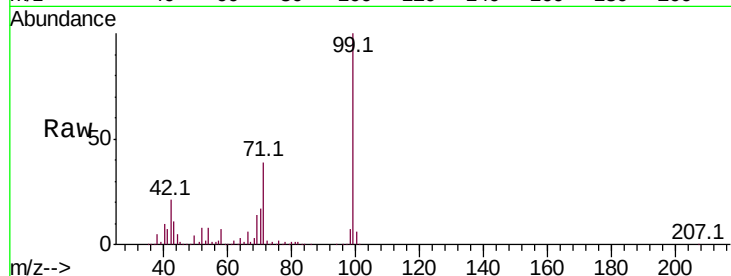
Tot Ion: 99 Resp: 648809

Ion Ratio Lower Upper

99 100

42 21.3 16.3 24.5

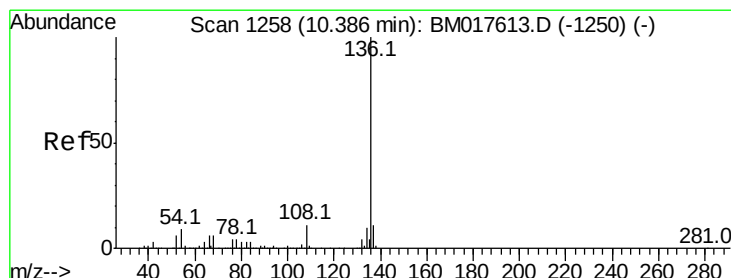
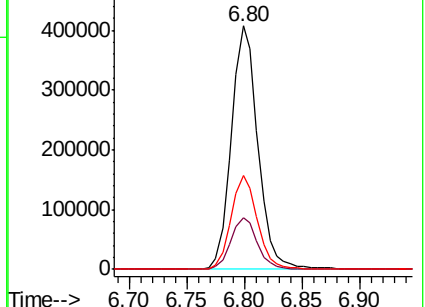
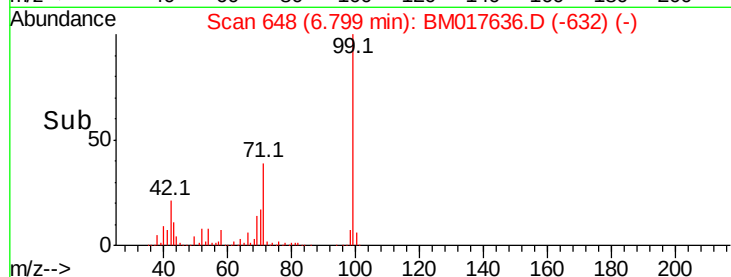
71 38.5 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM017636.D

Acq: 14 Nov 2018 00:26

Tgt Ion: 136 Resp: 1025077

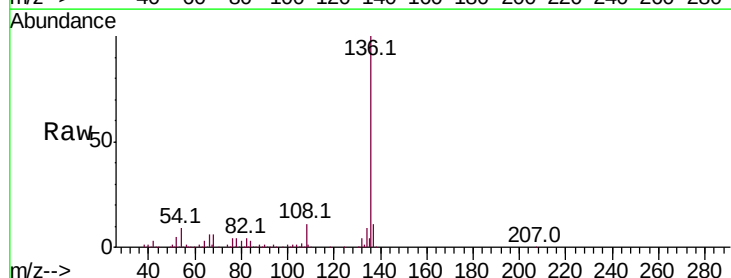
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 9.3 7.0 10.6

68 6.2 4.9 7.3

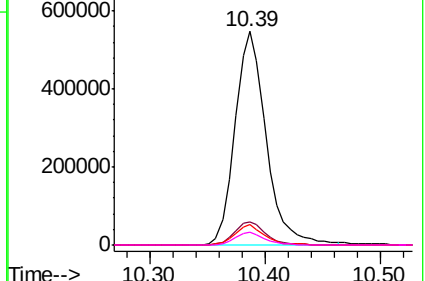
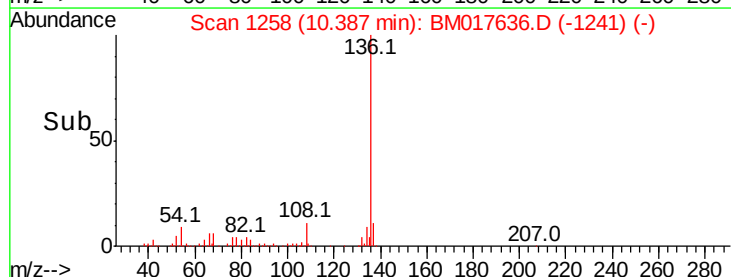


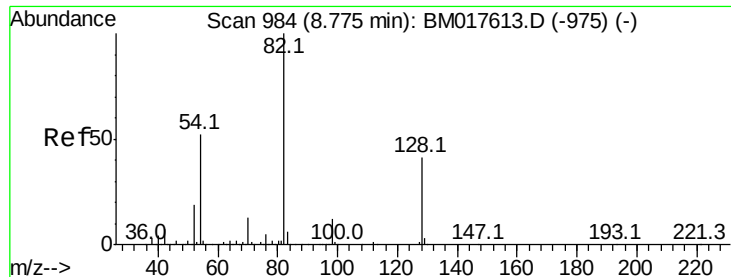
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)



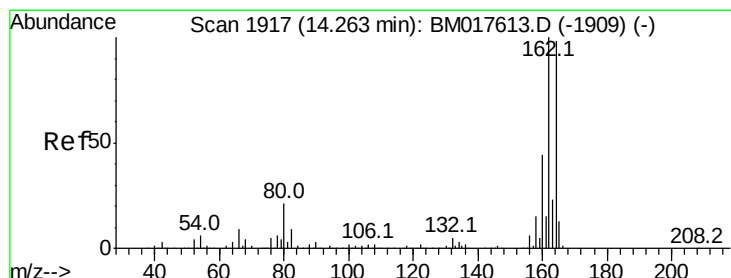
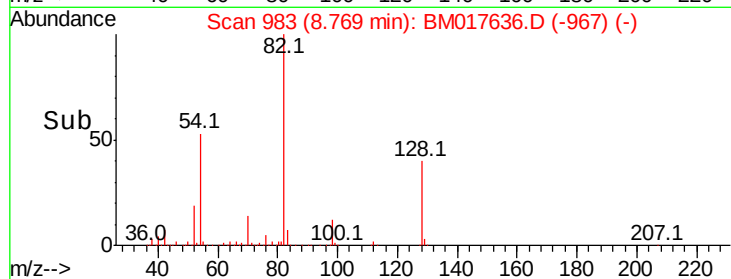
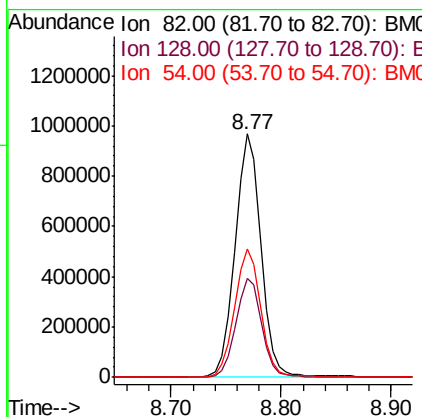
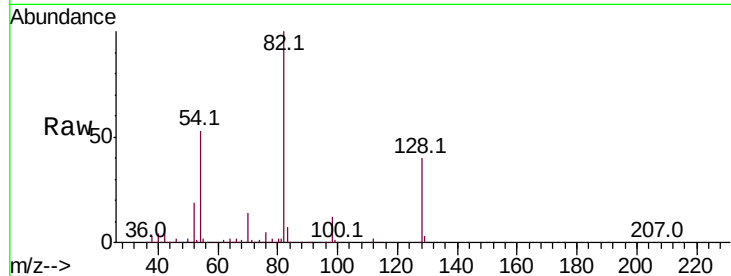


#23
 Nitrobenzene-d5
 Concen: 80.628 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017636.D
 Acq: 14 Nov 2018 00:26

Instrument :
 BNA_M
 ClientSampleId :
 SB-1

Tot Ion: 82 Resp: 1600967

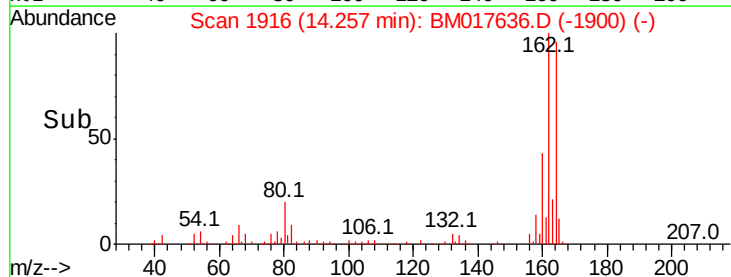
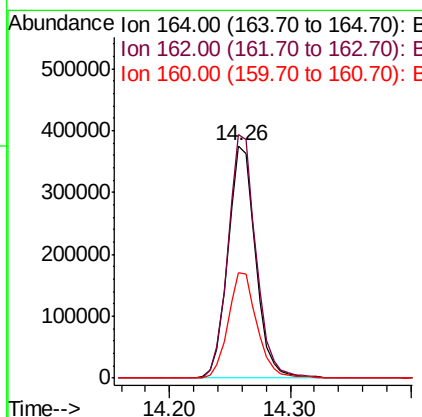
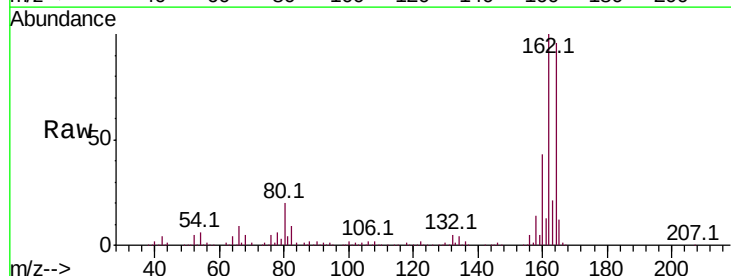
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.0	49.4
54	52.9	41.4	62.2

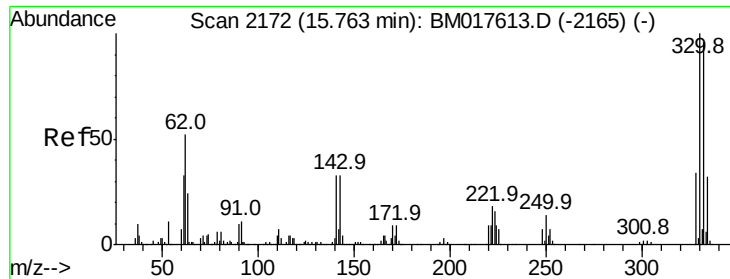


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM017636.D
 Acq: 14 Nov 2018 00:26

Tgt Ion:164 Resp: 600083

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.4	122.0
160	45.3	35.6	53.4

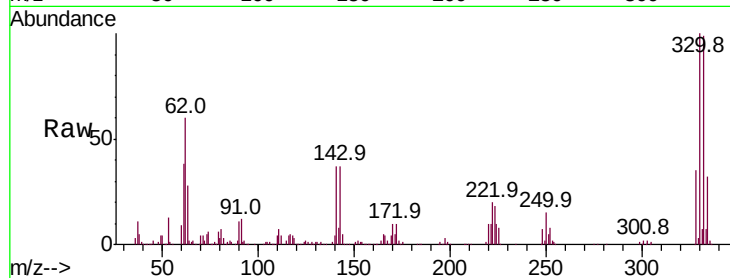




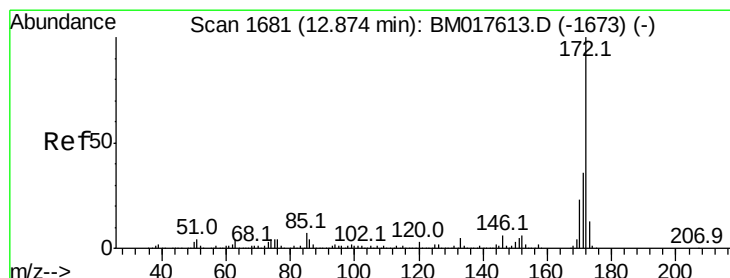
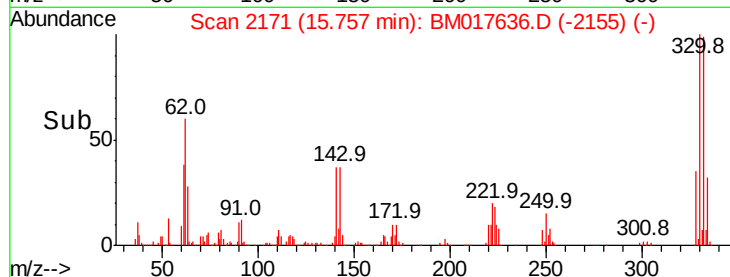
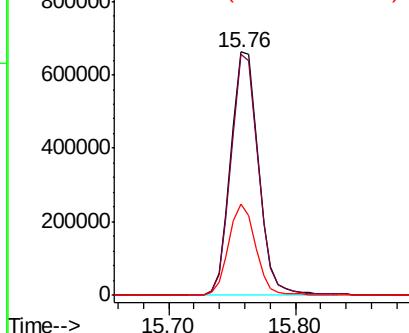
#42
 2,4,6-Tribromophenol
 Concen: 116.985 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017636.D
 Acq: 14 Nov 2018 00:26

Instrument :
 BNA_M
 ClientSampled :
 SB-1

Tot Ion:330 Resp: 1008681
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.9 116.9
 141 36.6 27.5 41.3

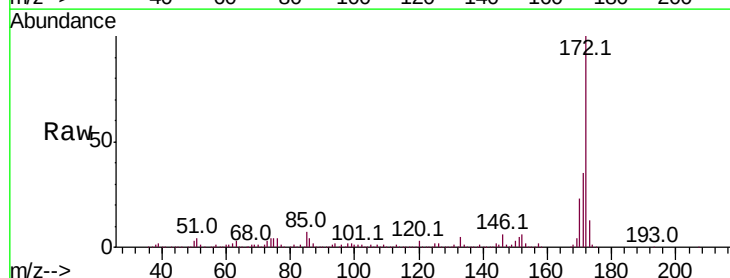


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

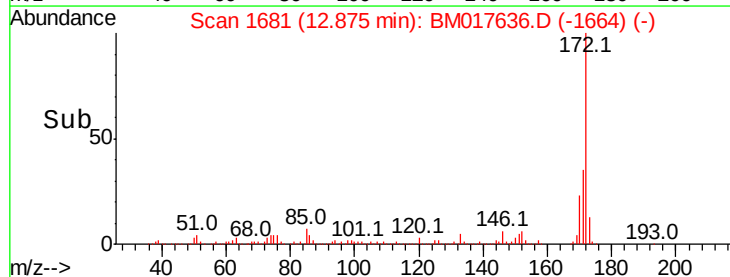
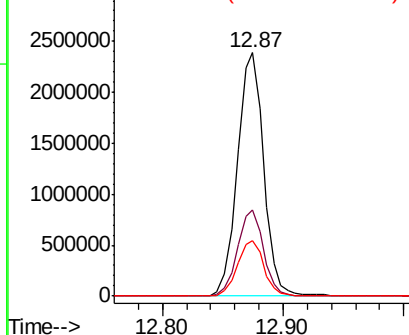


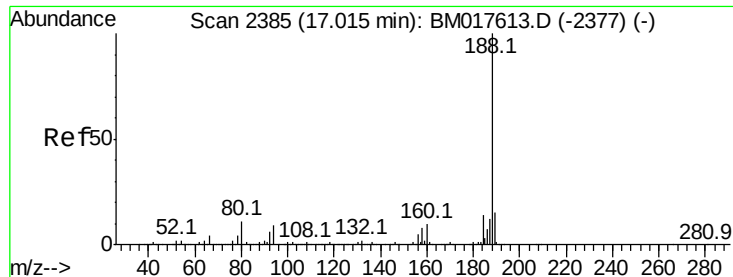
#45
 2-Fluorobiphenyl
 Concen: 78.500 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BM017636.D
 Acq: 14 Nov 2018 00:26

Tgt Ion:172 Resp: 3631042
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.7 43.1
 170 22.7 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

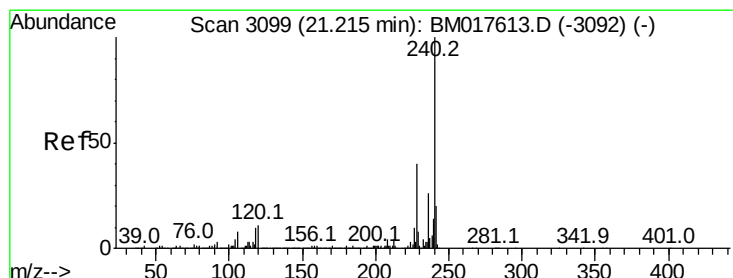
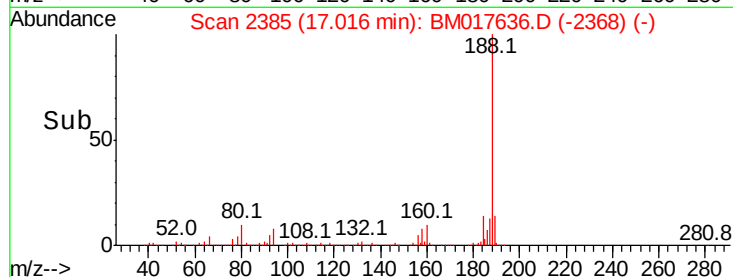
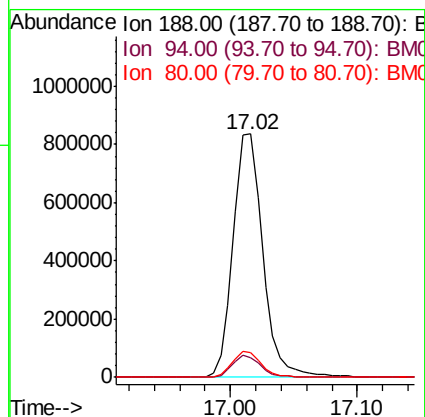
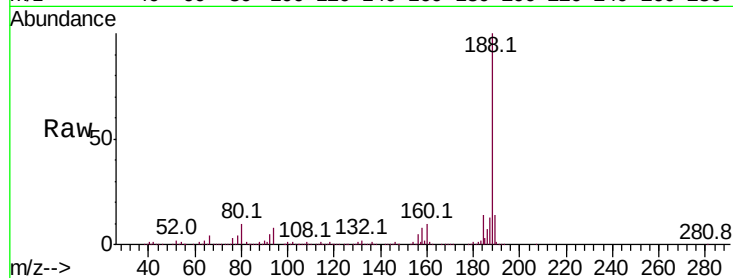




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM017636.D
Acq: 14 Nov 2018 00:26

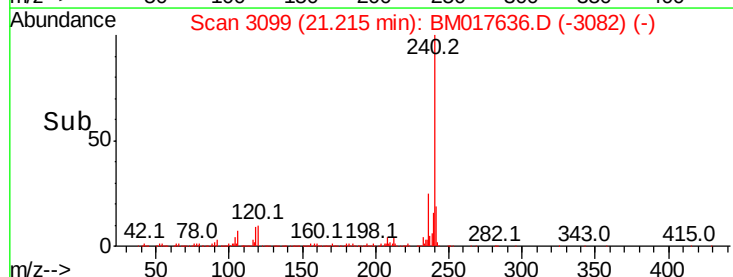
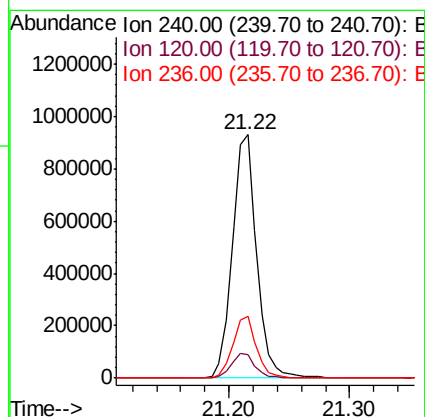
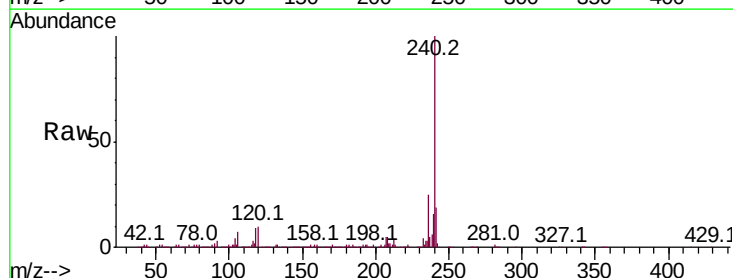
Instrument :
BNA_M
ClientSampled :
SB-1

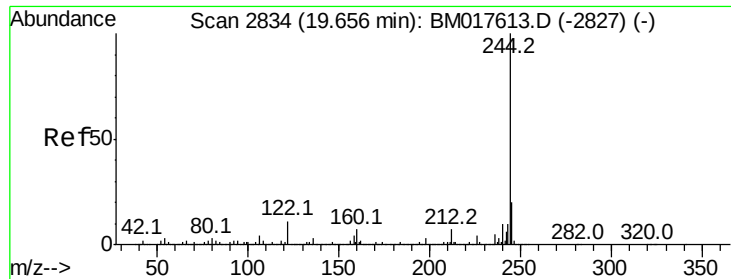
Tot Ion:188 Resp: 1356327
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 10.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM017636.D
Acq: 14 Nov 2018 00:26

Tgt Ion:240 Resp: 1301331
Ion Ratio Lower Upper
240 100
120 9.8 8.5 12.7
236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 93.433 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017636.D

Acq: 14 Nov 2018 00:26

Instrument :

BNA_M

ClientSampleId :

SB-1

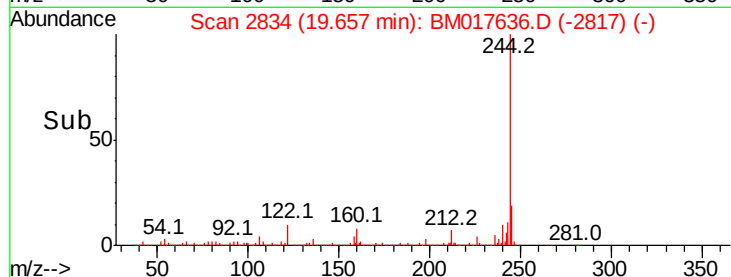
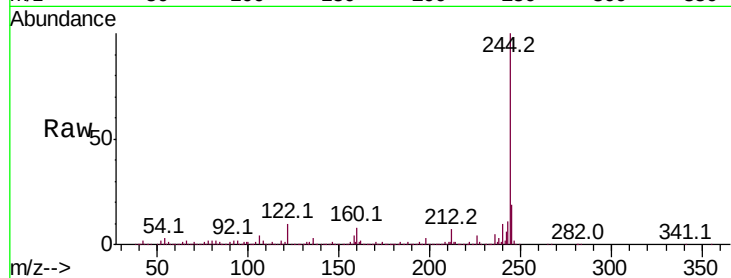
Tot Ion:244 Resp: 5364715

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

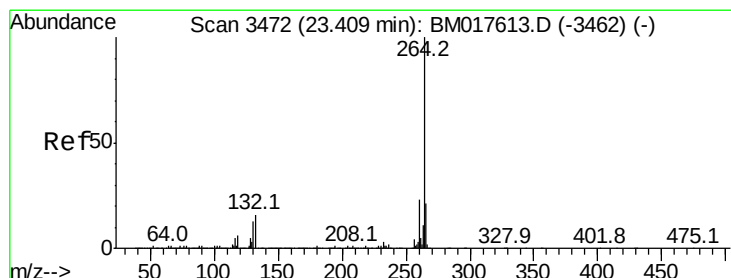
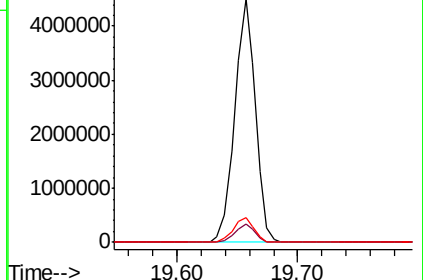
122 10.3 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017636.D

Acq: 14 Nov 2018 00:26

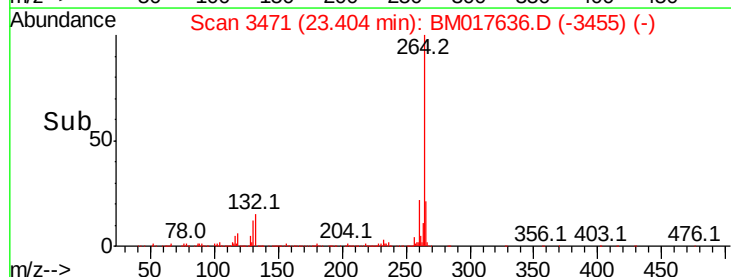
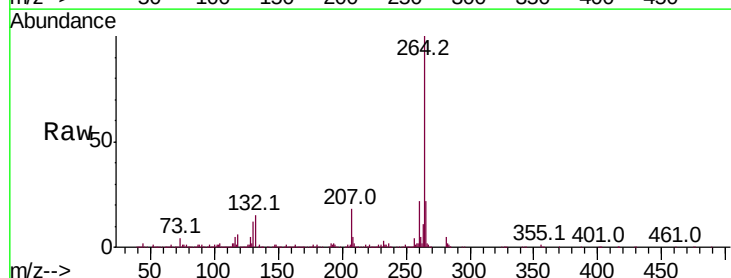
Tgt Ion:264 Resp: 1086652

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 21.8 17.5 26.3



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

