

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112118\
 Data File : BM017746.D
 Acq On : 22 Nov 2018 00:14
 Operator : MJ/SJ
 Sample : J6023-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 111918-CHDE-E-D-B

Quant Time: Nov 22 01:50:44 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	7.59	152	199351	20.00	ng	-0.02
21) Naphthalene-d8	10.36	136	822534	20.00	ng	-0.02
39) Acenaphthene-d10	14.24	164	522050	20.00	ng	-0.02
64) Phenanthrene-d10	16.99	188	1240507	20.00	ng	-0.02
76) Chrysene-d12	21.20	240	1359186	20.00	ng	-0.02
87) Perylene-d12	23.38	264	1286332	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	361706	30.62	ng	-0.02
7) Phenol-d6	6.78	99	298968	18.12	ng	-0.02
23) Nitrobenzene-d5	8.75	82	1355929	85.10	ng	-0.03
42) 2,4,6-Tribromophenol	15.74	330	601181	80.15	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	3289479	81.75	ng	-0.02
79) Terphenyl-d14	19.64	244	4729849	78.87	ng	-0.02

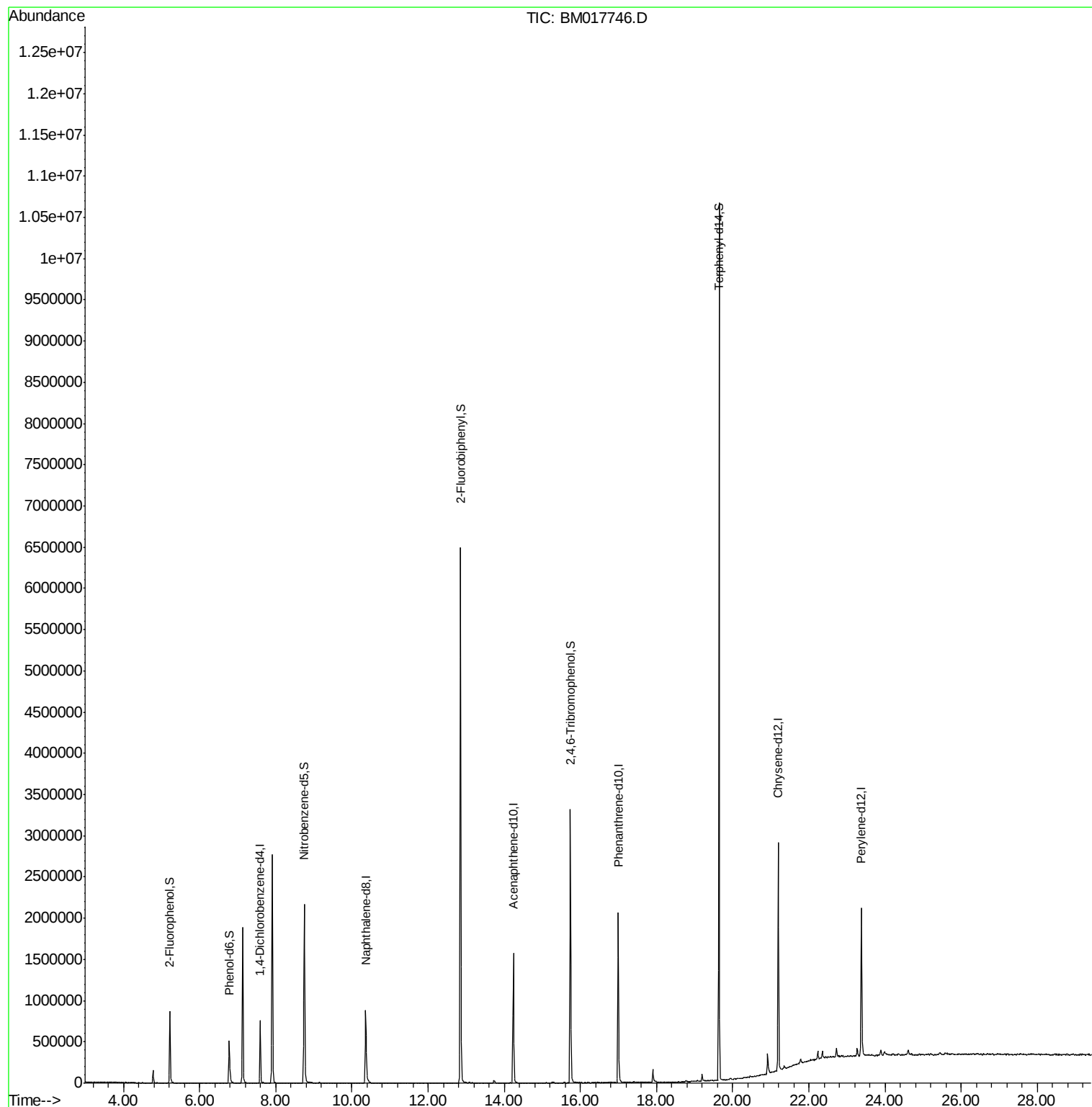
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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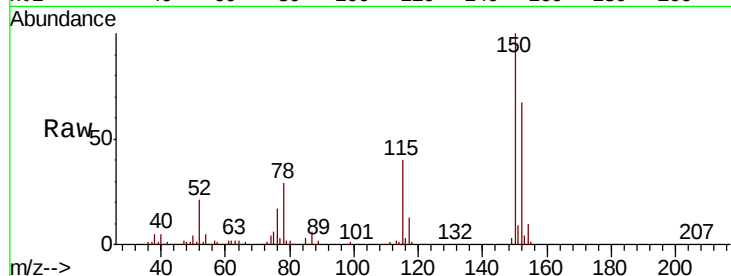


#1

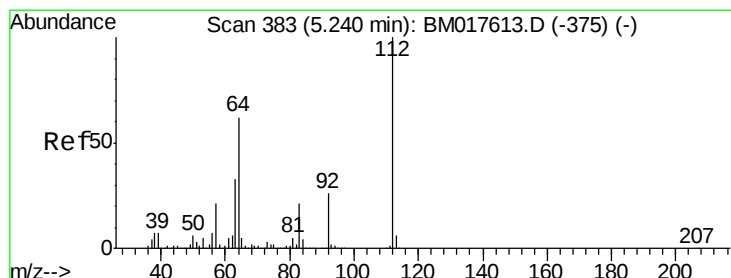
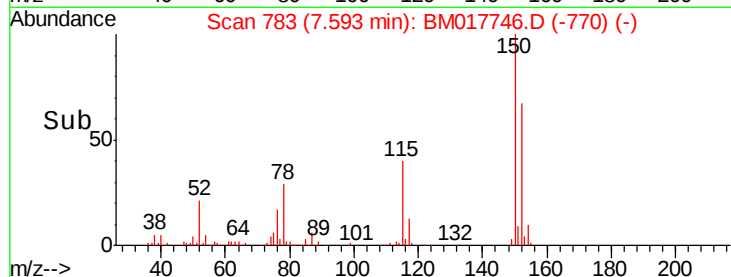
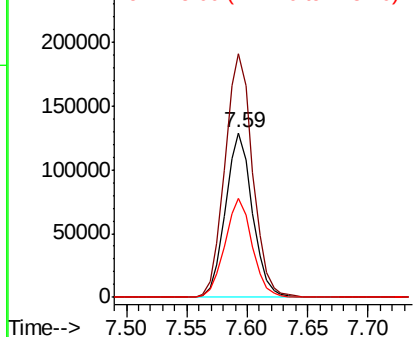
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM017746.D
Acq: 22 Nov 2018 00:14

Instrument :
BNA_M
ClientSampleId :
111918-CHDE-E-D-B

Tgt Ion:152 Resp: 199351
Ion Ratio Lower Upper
152 100
150 148.2 126.4 189.6
115 59.9 49.4 74.0



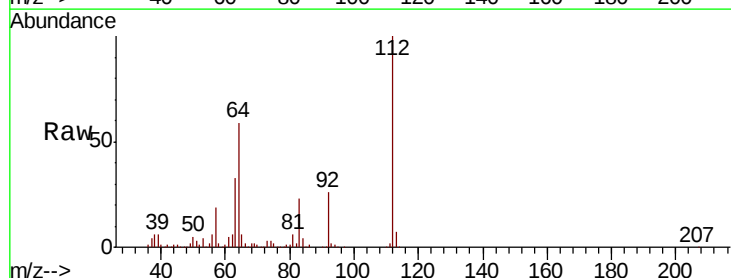
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



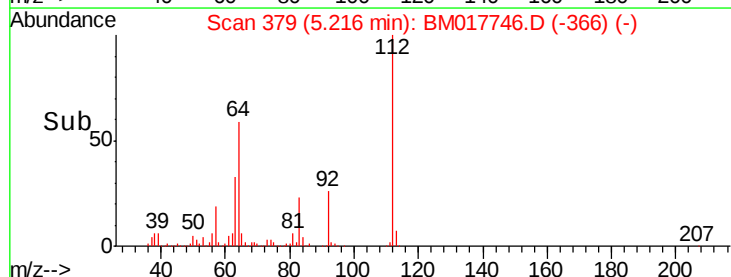
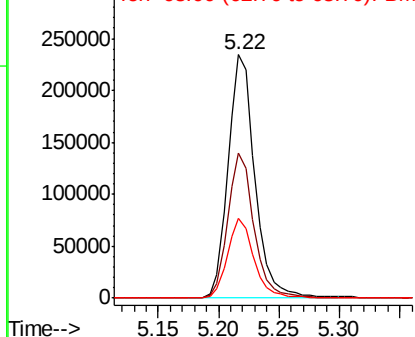
#5

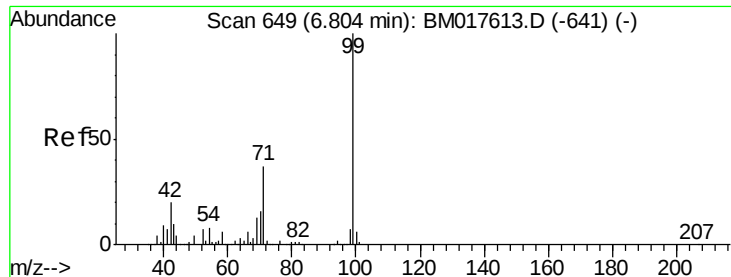
2-Fluorophenol
Concen: 30.621 ng
RT: 5.22 min Scan# 379
Delta R.T. -0.02 min
Lab File: BM017746.D
Acq: 22 Nov 2018 00:14

Tgt Ion:112 Resp: 361706
Ion Ratio Lower Upper
112 100
64 59.4 49.3 73.9
63 32.8 26.2 39.4



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: 18.122 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017746.D

Acq: 22 Nov 2018 00:14

Instrument :

BNA_M

ClientSampleId :

111918-CHDE-E-D-B

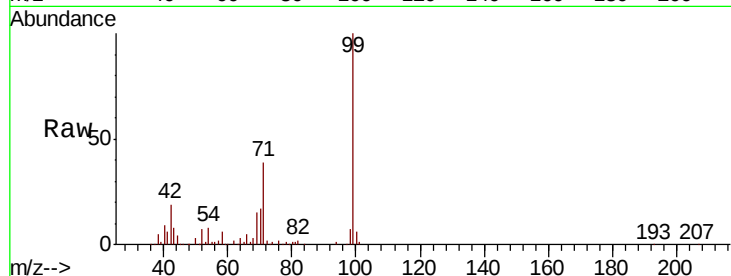
Tgt Ion: 99 Resp: 298968

Ion Ratio Lower Upper

99 100

42 18.8 16.3 24.5

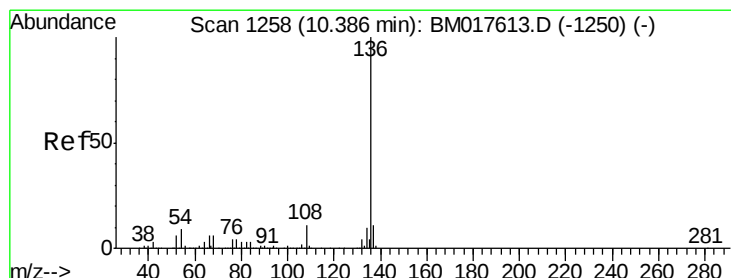
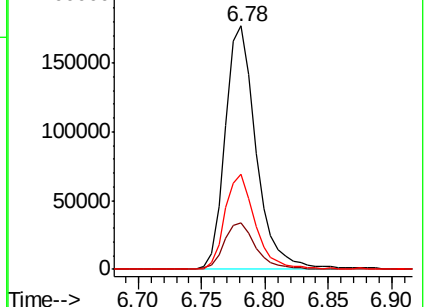
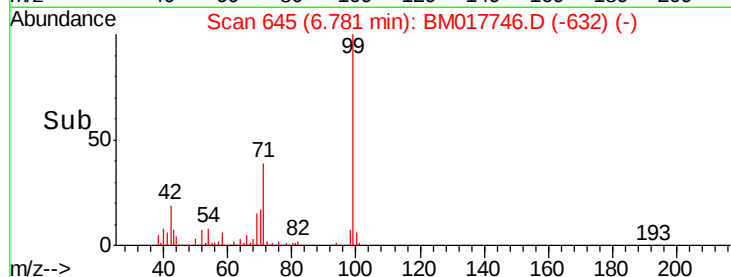
71 39.2 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017746.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017746.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017746.D (-632) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BM017746.D

Acq: 22 Nov 2018 00:14

Tgt Ion: 136 Resp: 822534

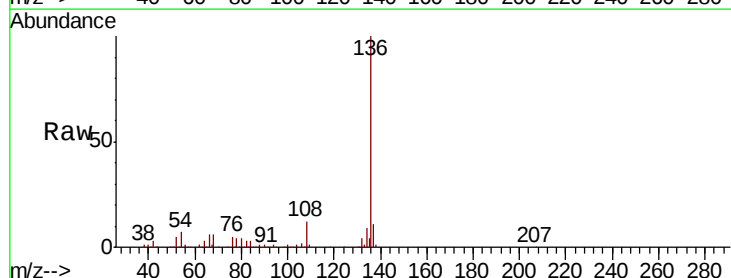
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 7.4 7.0 10.6

68 5.7 4.9 7.3

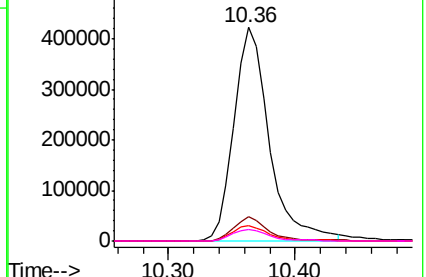
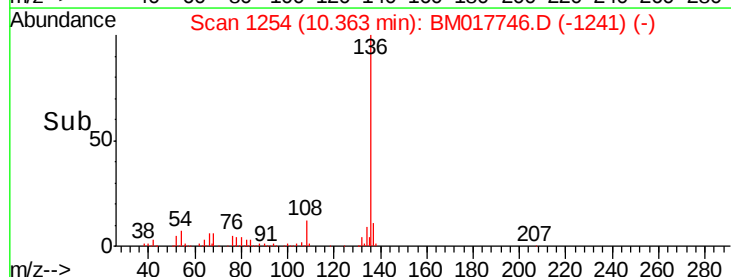


Abundance Ion 136.00 (135.70 to 136.70): BM017746.D (-1241) (-)

Ion 137.00 (136.70 to 137.70): BM017746.D (-1241) (-)

Ion 54.00 (53.70 to 54.70): BM017746.D (-1241) (-)

Ion 68.00 (67.70 to 68.70): BM017746.D (-1241) (-)

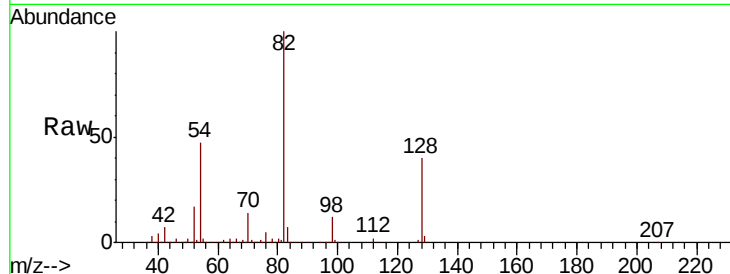




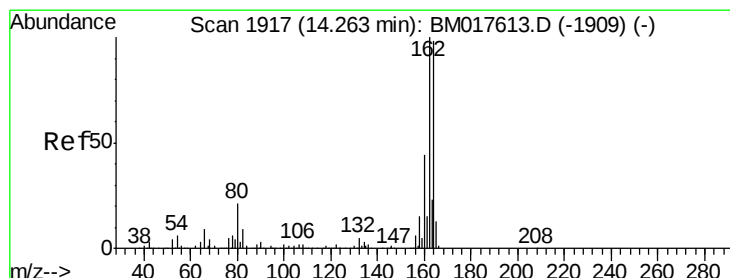
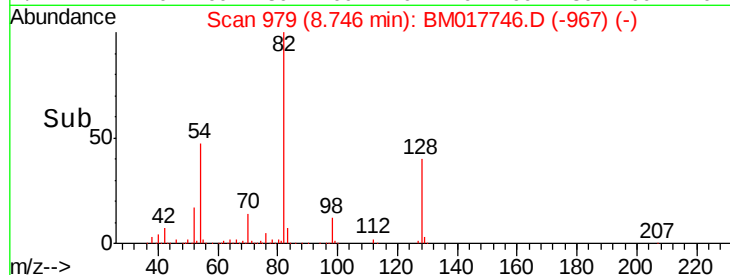
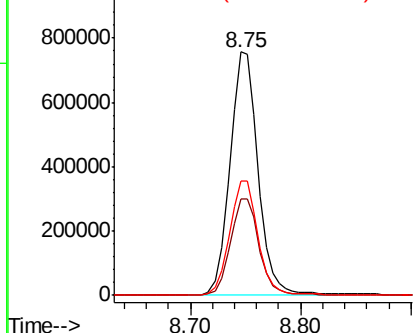
#23
Nitrobenzene-d5
Concen: 85.103 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM017746.D
Acq: 22 Nov 2018 00:14

Instrument :
BNA_M
ClientSampleId :
111918-CHDE-E-D-B

Tgt Ion: 82 Resp: 1355929
Ion Ratio Lower Upper
82 100
128 39.5 33.0 49.4
54 47.1 41.4 62.2

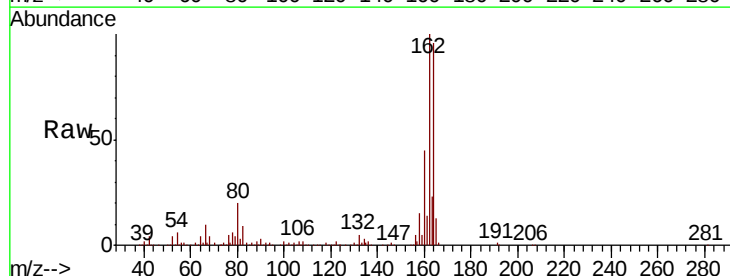


Abundance Ion 82.00 (81.70 to 82.70): BM017746.D (-967) (-)
Ion 128.00 (127.70 to 128.70): BM017746.D (-967) (-)
Ion 54.00 (53.70 to 54.70): BM017746.D (-967) (-)

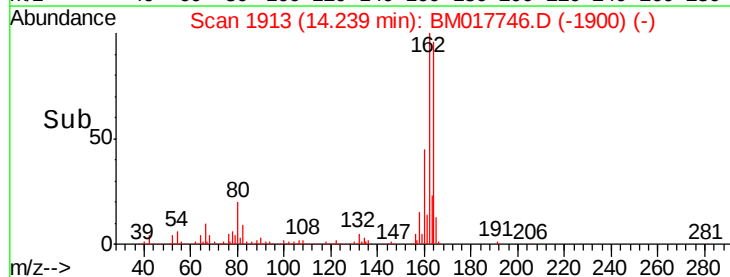
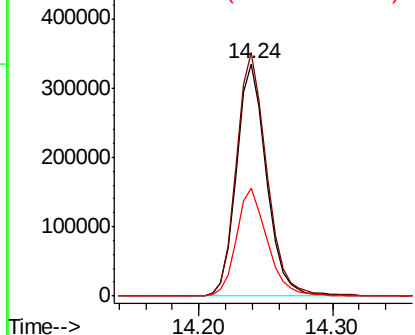


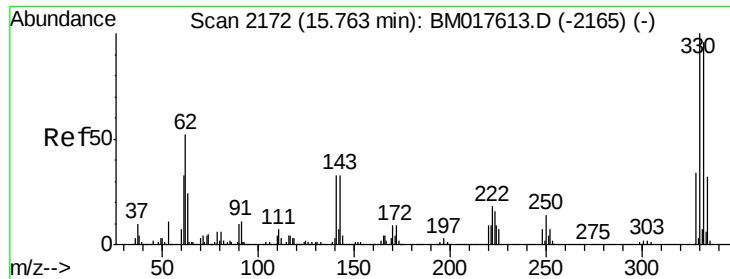
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM017746.D
Acq: 22 Nov 2018 00:14

Tgt Ion: 164 Resp: 522050
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 46.6 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): BM017746.D (-1900) (-)
Ion 162.00 (161.70 to 162.70): BM017746.D (-1900) (-)
Ion 160.00 (159.70 to 160.70): BM017746.D (-1900) (-)

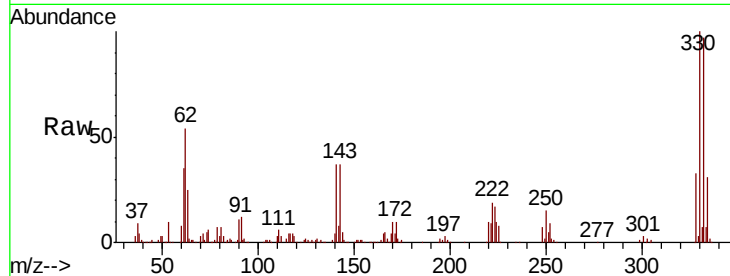




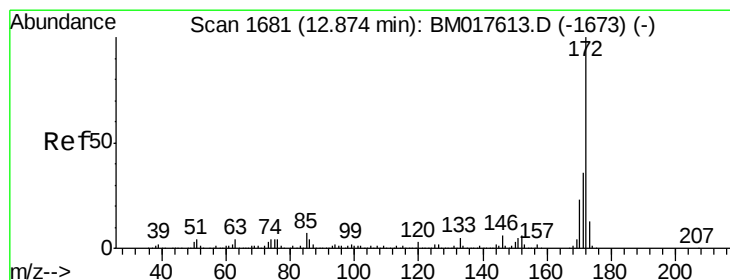
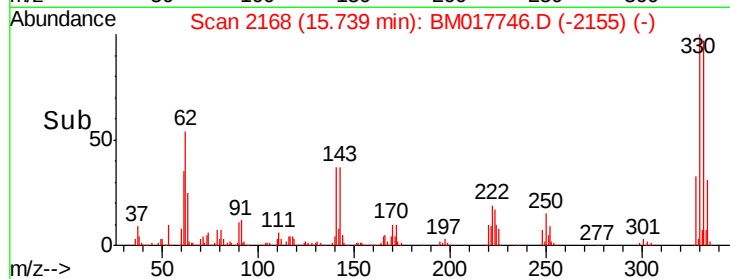
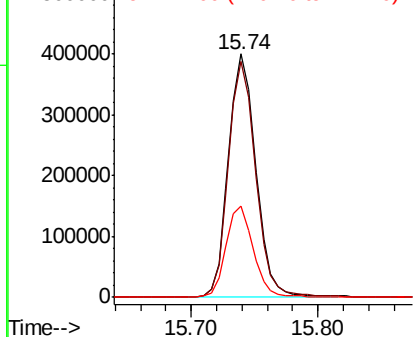
#42
 2,4,6-Tribromophenol
 Concen: 80.145 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM017746.D
 Acq: 22 Nov 2018 00:14

Instrument :
 BNA_M
 ClientSampleId :
 111918-CHDE-E-D-B

Tgt Ion:330 Resp: 601181
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.9 116.9
 141 37.5 27.5 41.3

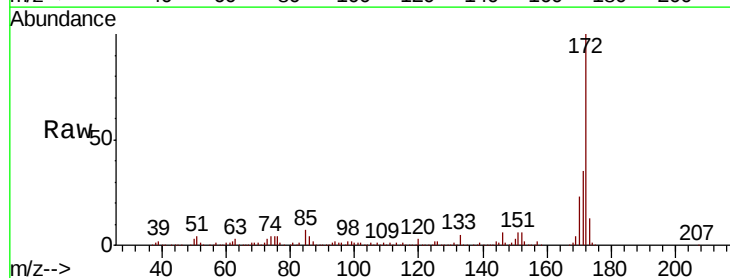


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

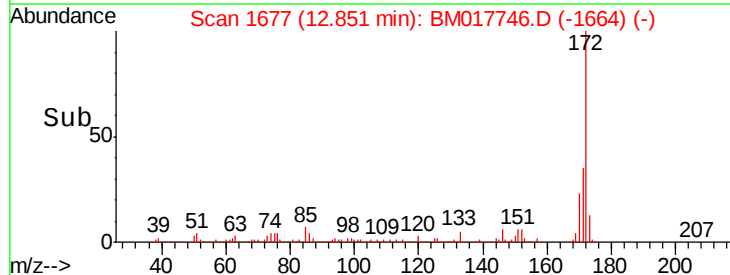
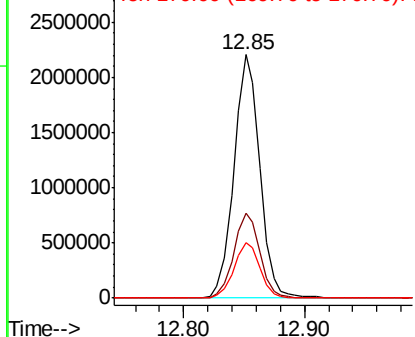


#45
 2-Fluorobiphenyl
 Concen: 81.746 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM017746.D
 Acq: 22 Nov 2018 00:14

Tgt Ion:172 Resp: 3289479
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.7 43.1
 170 22.6 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: 16.99 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM017746.D

Acq: 22 Nov 2018 00:14

Instrument :

BNA_M

ClientSampleId :

111918-CHDE-E-D-B

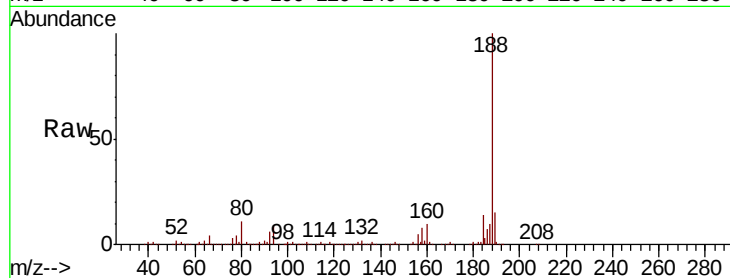
Tgt Ion:188 Resp: 1240507

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

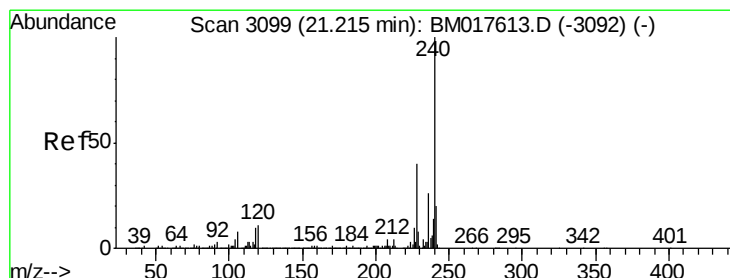
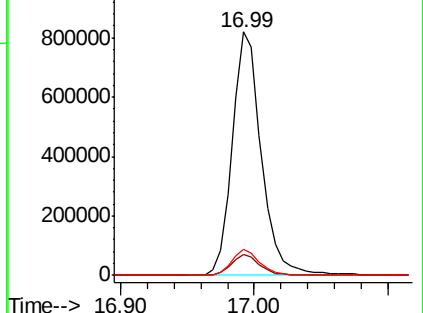
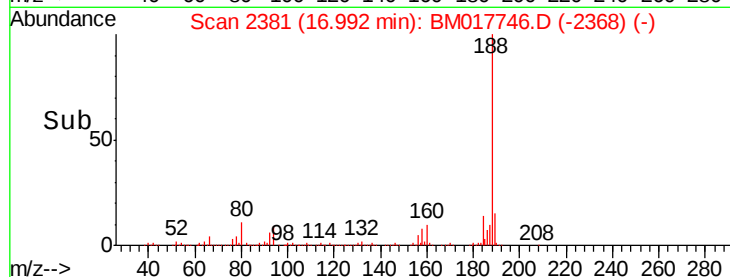
80 10.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM017746.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017746.D (-2368) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM017746.D

Acq: 22 Nov 2018 00:14

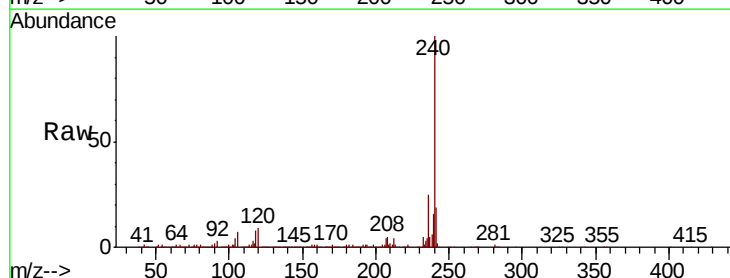
Tgt Ion:240 Resp: 1359186

Ion Ratio Lower Upper

240 100

120 9.1 8.5 12.7

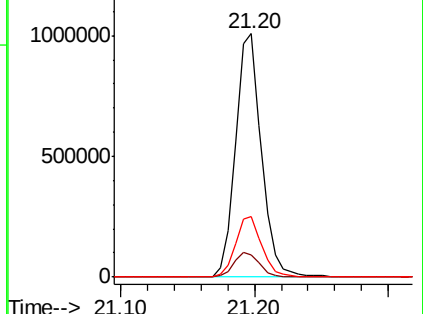
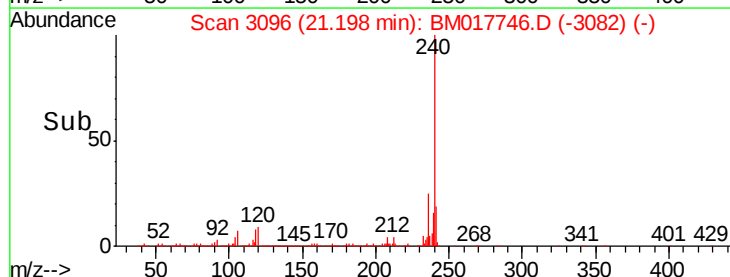
236 24.7 20.4 30.6

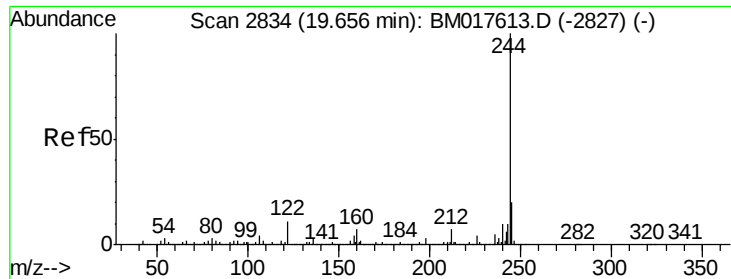


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.869 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM017746.D

Acq: 22 Nov 2018 00:14

Instrument :

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ClientSampleId :

111918-CHDE-E-D-B

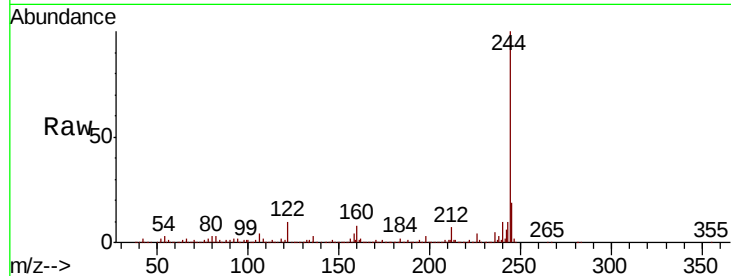
Tgt Ion:244 Resp: 4729849

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

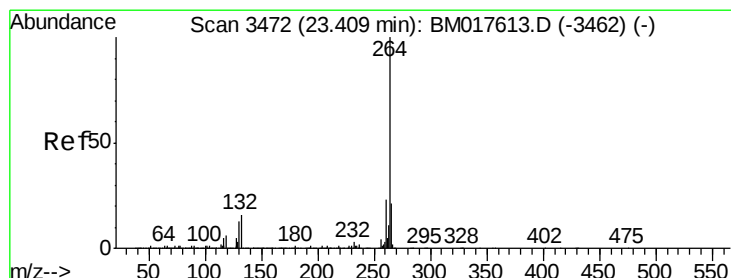
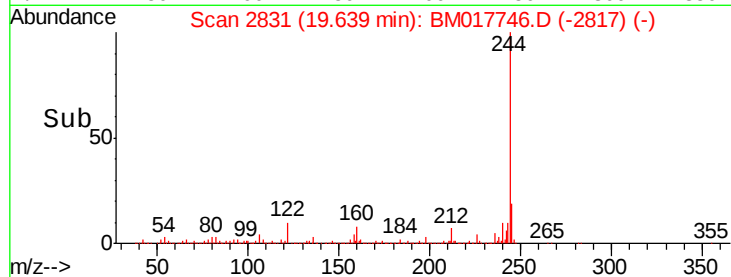
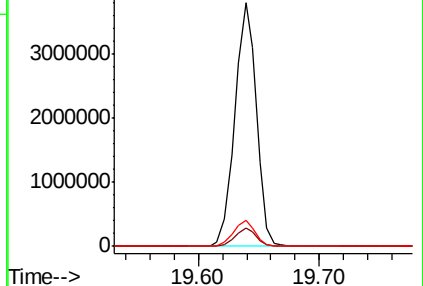
122 10.5 9.0 13.6



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: 23.38 min Scan# 3467

Delta R.T. -0.03 min

Lab File: BM017746.D

Acq: 22 Nov 2018 00:14

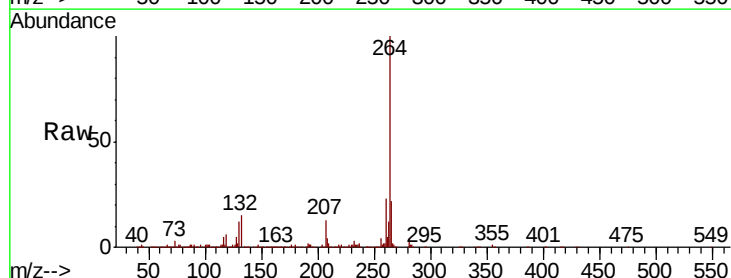
Tgt Ion:264 Resp: 1286332

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 22.1 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

