

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017544.D
 Acq On : 07 Nov 2018 01:28
 Operator : MJ/SJ
 Sample : J5816-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9-S

Quant Time: Nov 07 09:08:30 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	228745	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	847866	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	501894	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1303354	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1637081	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1772230	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1349228	99.76	ng	-0.01
7) Phenol-d6	6.81	99	1584977	86.05	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1215354	83.83	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	872574	128.56	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	2795581	74.11	ng	-0.02
79) Terphenyl-d14	19.66	244	5591233	76.98	ng	-0.02

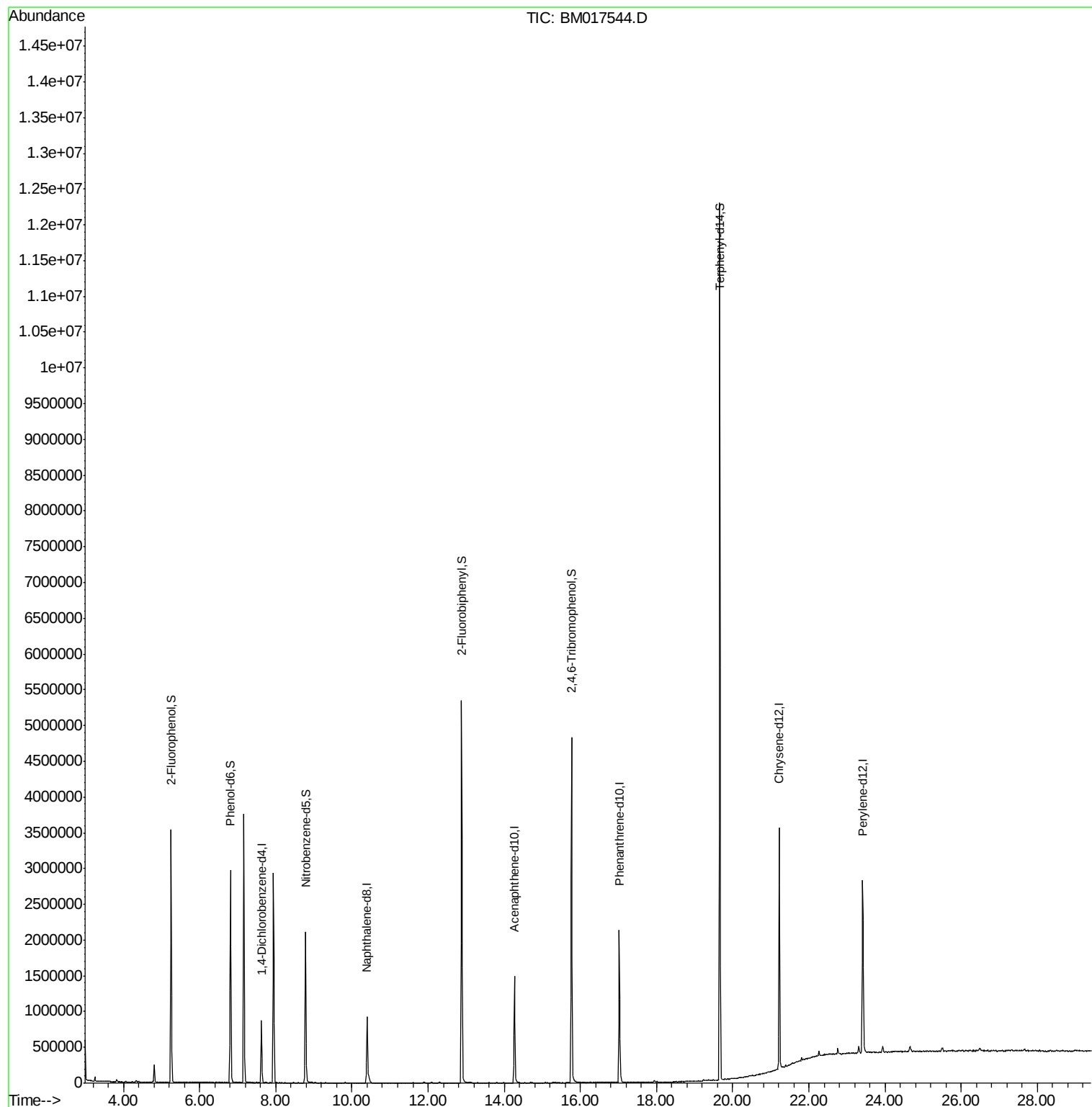
Target Compounds	Qvalue
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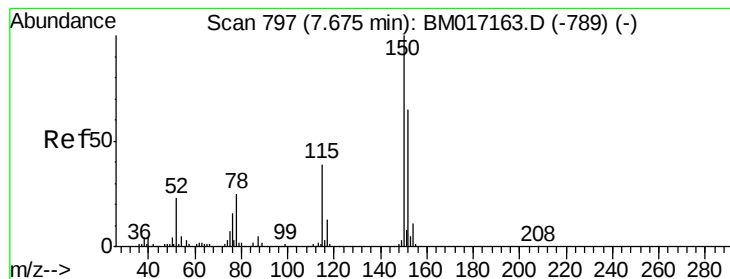
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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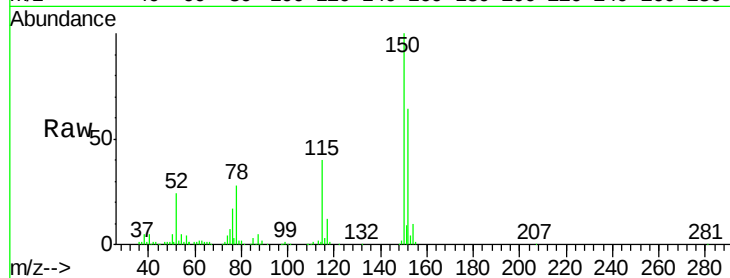


#1

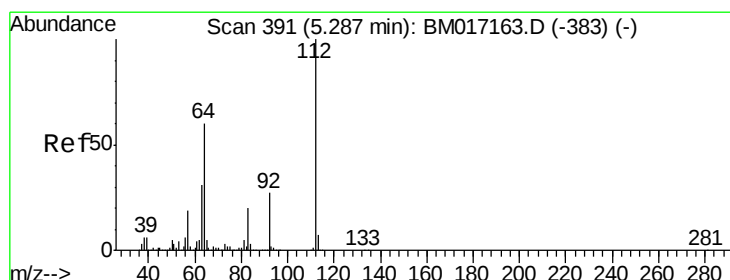
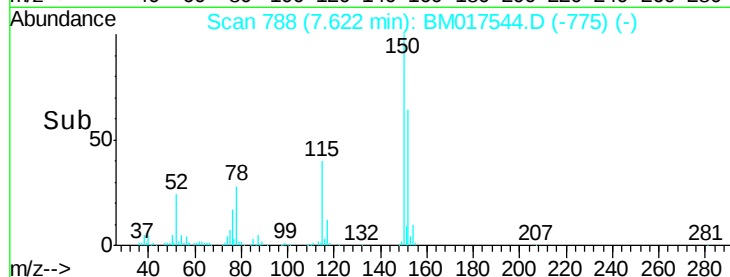
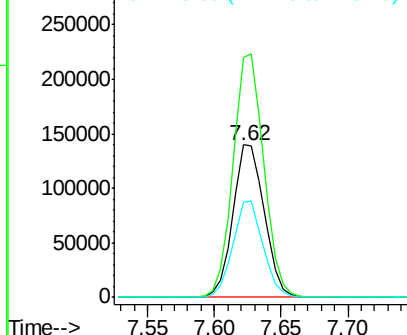
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017544.D
Acq: 07 Nov 2018 01:28

Instrument :
BNA_M
ClientSampleId :
TP-9-S

Tgt Ion:152 Resp: 228745
Ion Ratio Lower Upper
152 100
150 157.5 124.3 186.5
115 62.3 48.1 72.1



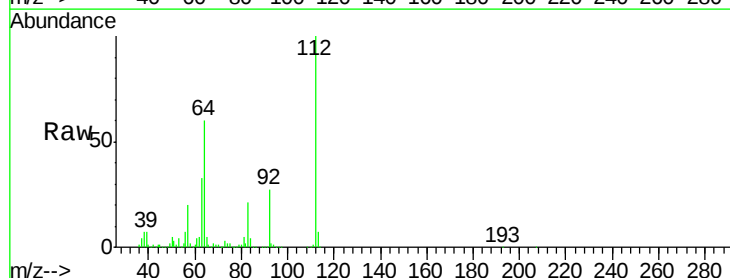
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



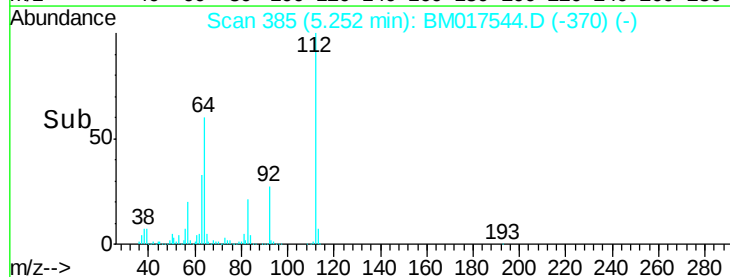
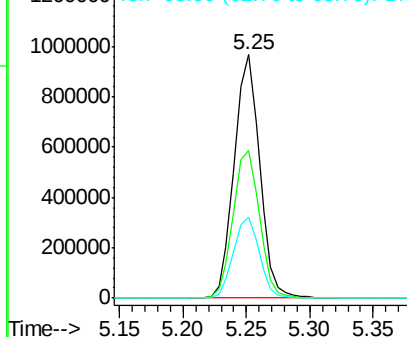
#5

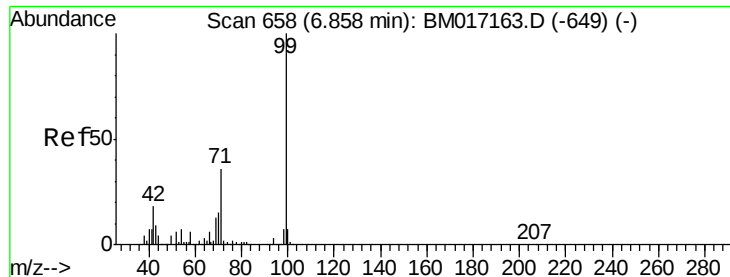
2-Fluorophenol
Concen: 99.762 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017544.D
Acq: 07 Nov 2018 01:28

Tgt Ion:112 Resp: 1349228
Ion Ratio Lower Upper
112 100
64 60.5 41.7 62.5
63 33.1 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: 86.048 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017544.D

Acq: 07 Nov 2018 01:28

Instrument :

BNA_M

ClientSampled :

TP-9-S

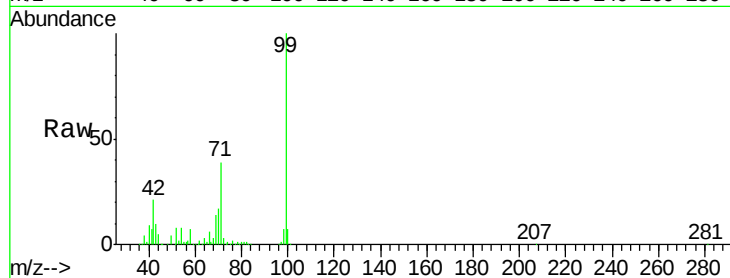
Tgt Ion: 99 Resp: 1584977

Ion Ratio Lower Upper

99 100

42 20.7 13.3 19.9#

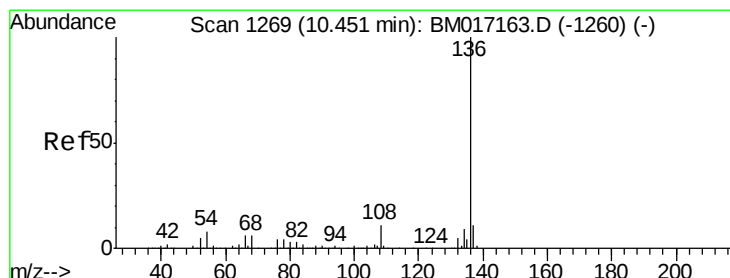
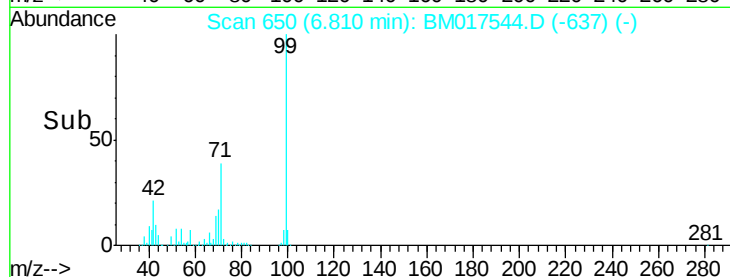
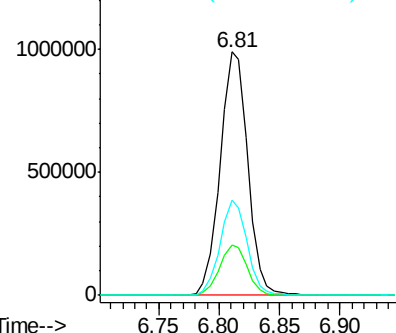
71 39.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM017544.D

Acq: 07 Nov 2018 01:28

Tgt Ion: 136 Resp: 847866

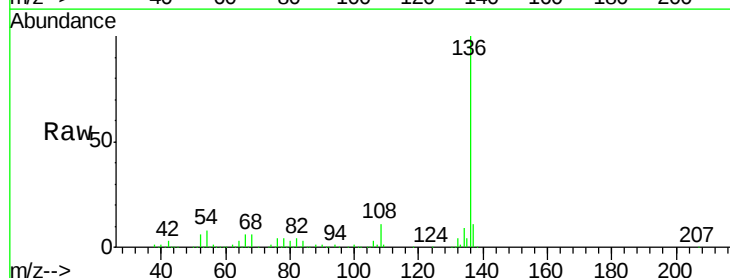
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.3 6.7 10.1

68 5.5 4.7 7.1

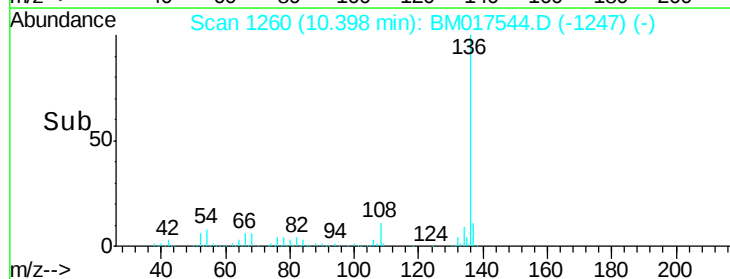
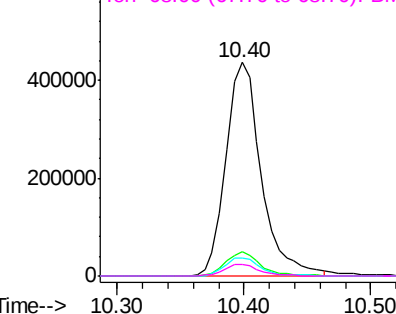


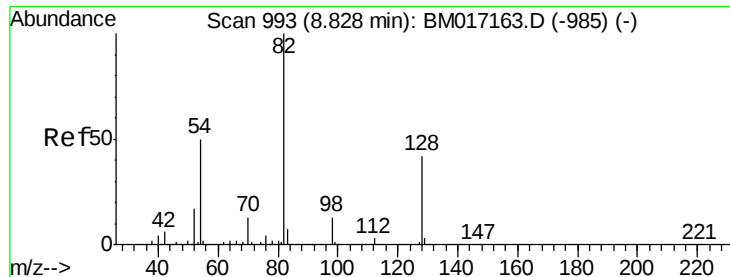
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

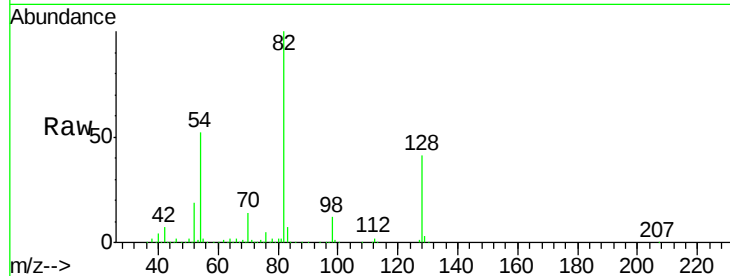




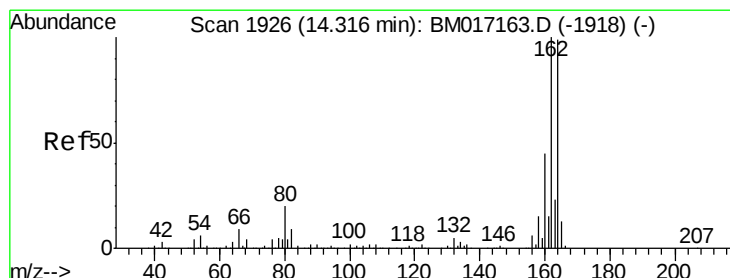
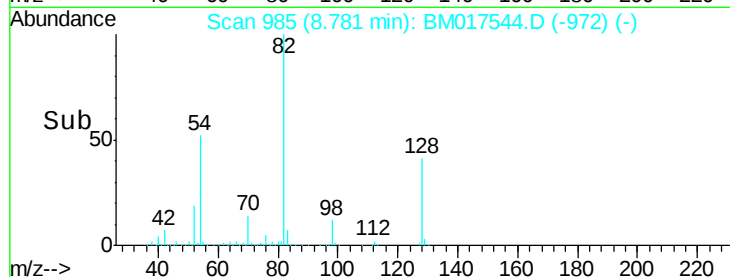
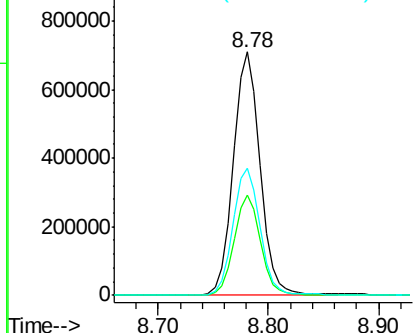
#23
 Nitrobenzene-d5
 Concen: 83.835 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017544.D
 Acq: 07 Nov 2018 01:28

Instrument :
 BNA_M
 ClientSampleId :
 TP-9-S

Tgt Ion: 82 Resp: 1215354
 Ion Ratio Lower Upper
 82 100
 128 41.0 37.0 55.6
 54 52.4 40.7 61.1

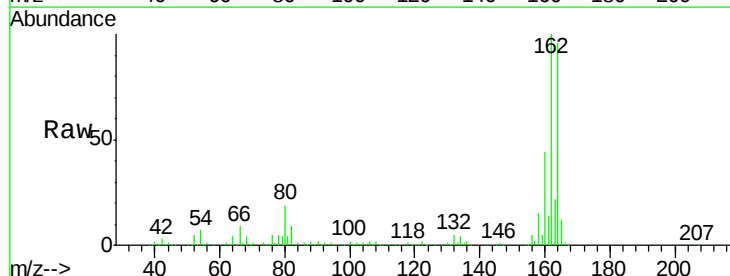


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)
 Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)
 Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)

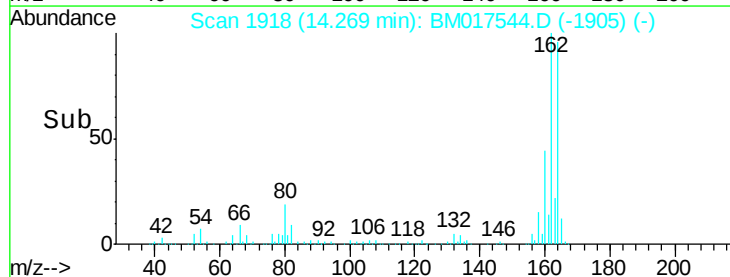
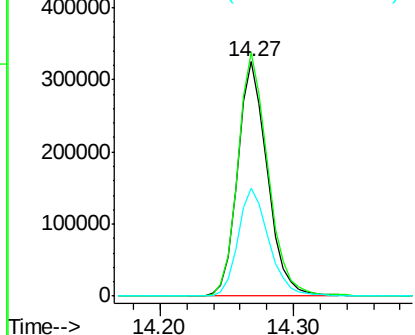


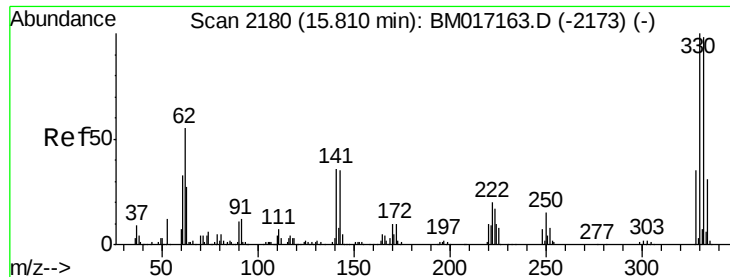
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017544.D
 Acq: 07 Nov 2018 01:28

Tgt Ion: 164 Resp: 501894
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.1 123.1
 160 46.2 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1918) (-)
 Ion 162.00 (161.70 to 162.70): BM017163.D (-1918) (-)
 Ion 160.00 (159.70 to 160.70): BM017163.D (-1918) (-)

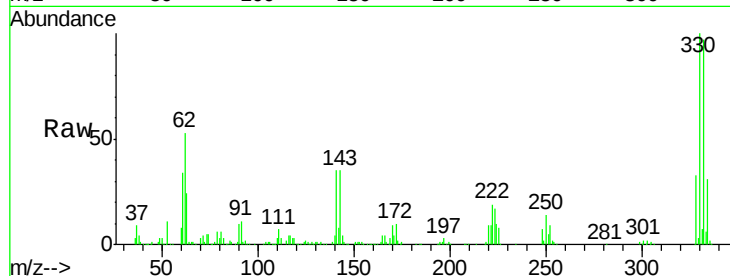




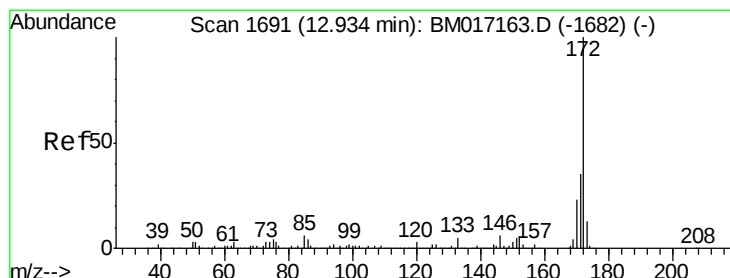
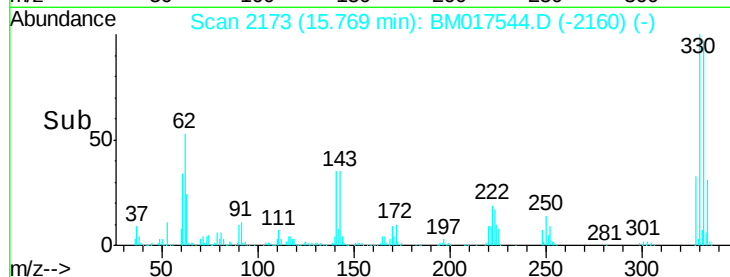
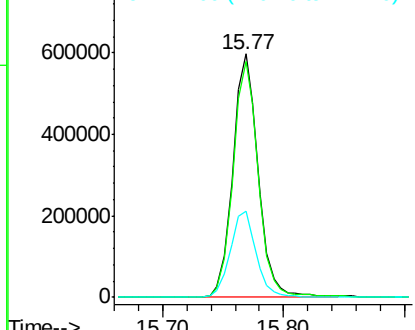
#42
 2,4,6-Tribromophenol
 Concen: 128.558 ng
 RT: 15.77 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM017544.D
 Acq: 07 Nov 2018 01:28

Instrument :
 BNA_M
 ClientSampleId :
 TP-9-S

Tgt Ion:330 Resp: 872574
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 36.3 27.4 41.0

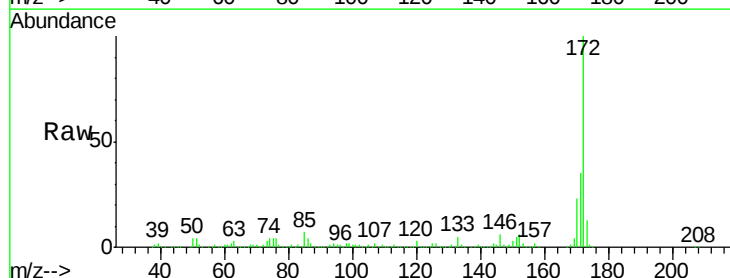


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

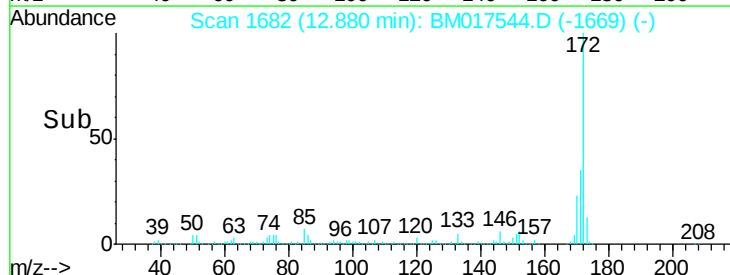
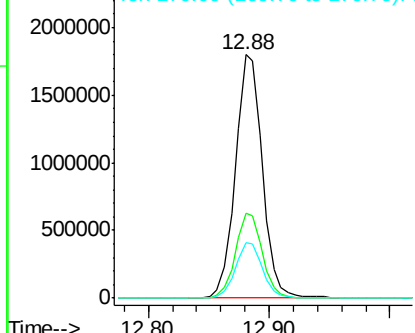


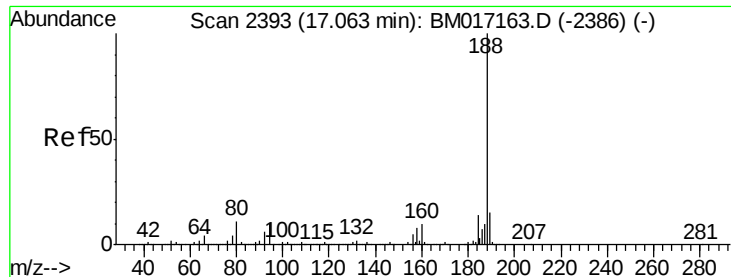
#45
 2-Fluorobiphenyl
 Concen: 74.112 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM017544.D
 Acq: 07 Nov 2018 01:28

Tgt Ion:172 Resp: 2795581
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 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# 2386

Delta R.T. -0.02 min

Lab File: BM017544.D

Acq: 07 Nov 2018 01:28

Instrument :

BNA_M

ClientSampleId :

TP-9-S

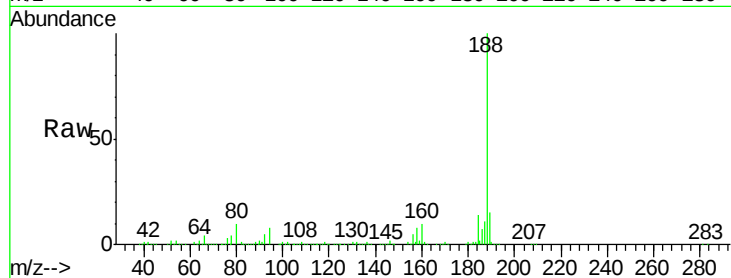
Tgt Ion:188 Resp: 1303354

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

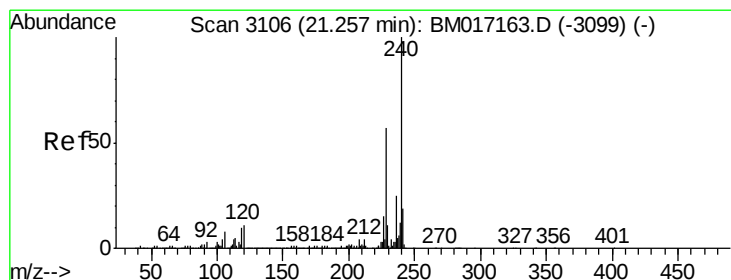
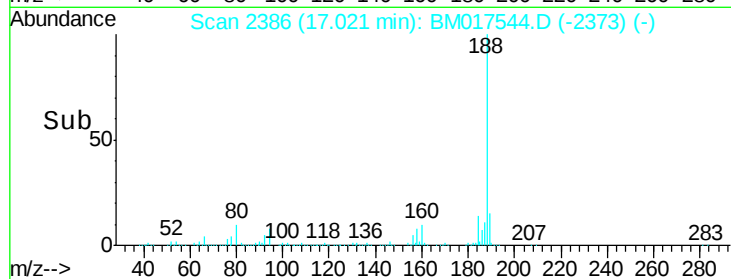
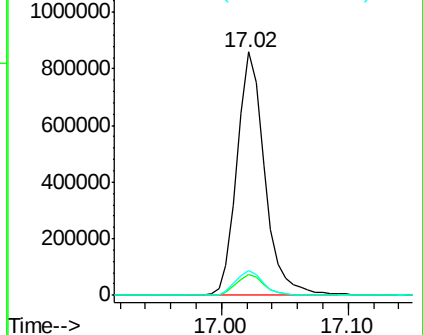
80 10.1 7.7 11.5



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: BM017544.D

Acq: 07 Nov 2018 01:28

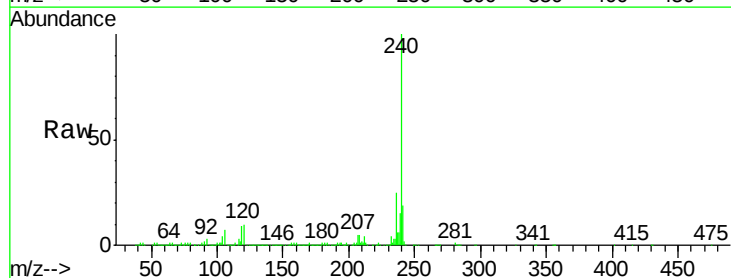
Tgt Ion:240 Resp: 1637081

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

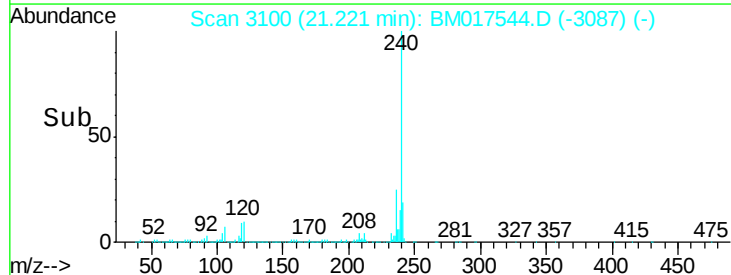
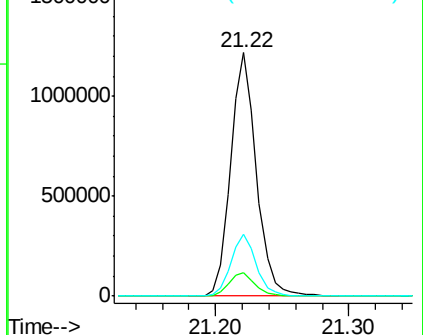
236 25.3 19.9 29.9

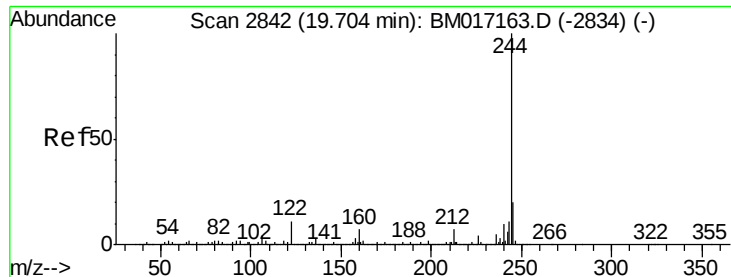


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.982 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017544.D

Acq: 07 Nov 2018 01:28

Instrument :

BNA_M

ClientSampled :

TP-9-S

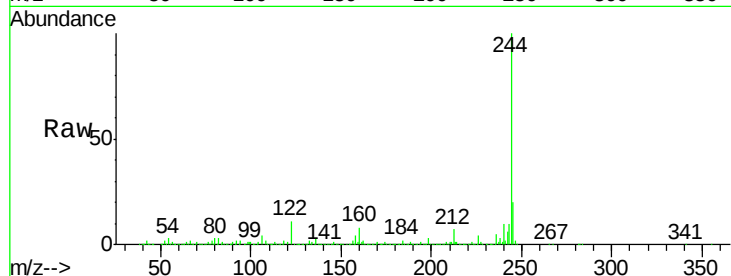
Tgt Ion:244 Resp: 5591233

Ion Ratio Lower Upper

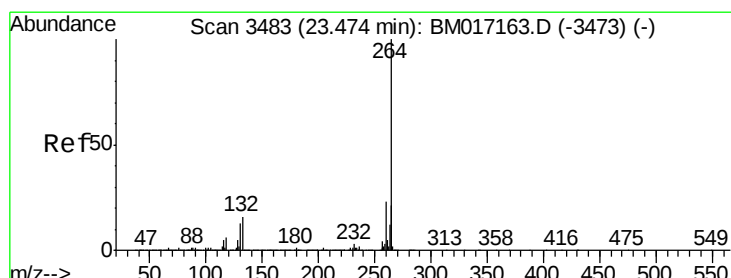
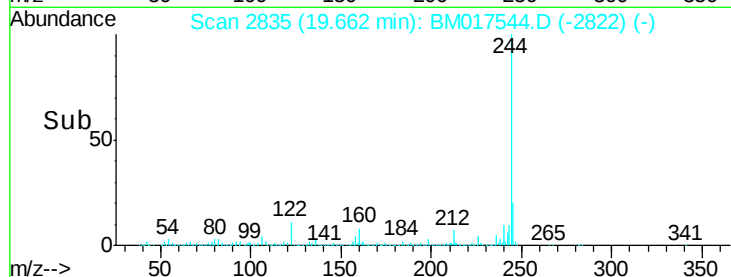
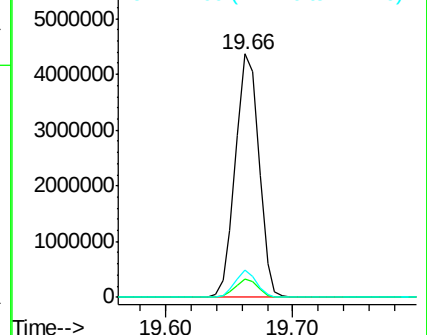
244 100

212 7.3 5.5 8.3

122 11.0 8.4 12.6



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: 23.42 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017544.D

Acq: 07 Nov 2018 01:28

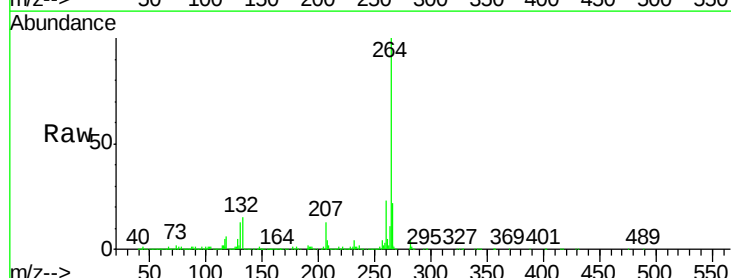
Tgt Ion:264 Resp: 1772230

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.1 17.8 26.8



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

