

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017294.D
 Acq On : 23 Oct 2018 20:52
 Operator : MJ/SJ
 Sample : J5605-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-A

Quant Time: Oct 24 07:42:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	300028	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1165919	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	676583	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1608234	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1672879	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1153358	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1788463	100.82	ng	0.00
7) Phenol-d6	6.85	99	2141988	88.66	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1615305	81.03	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1169212	127.79	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3758262	73.91	ng	-0.02
79) Terphenyl-d14	19.69	244	6537138	88.08	ng	-0.01

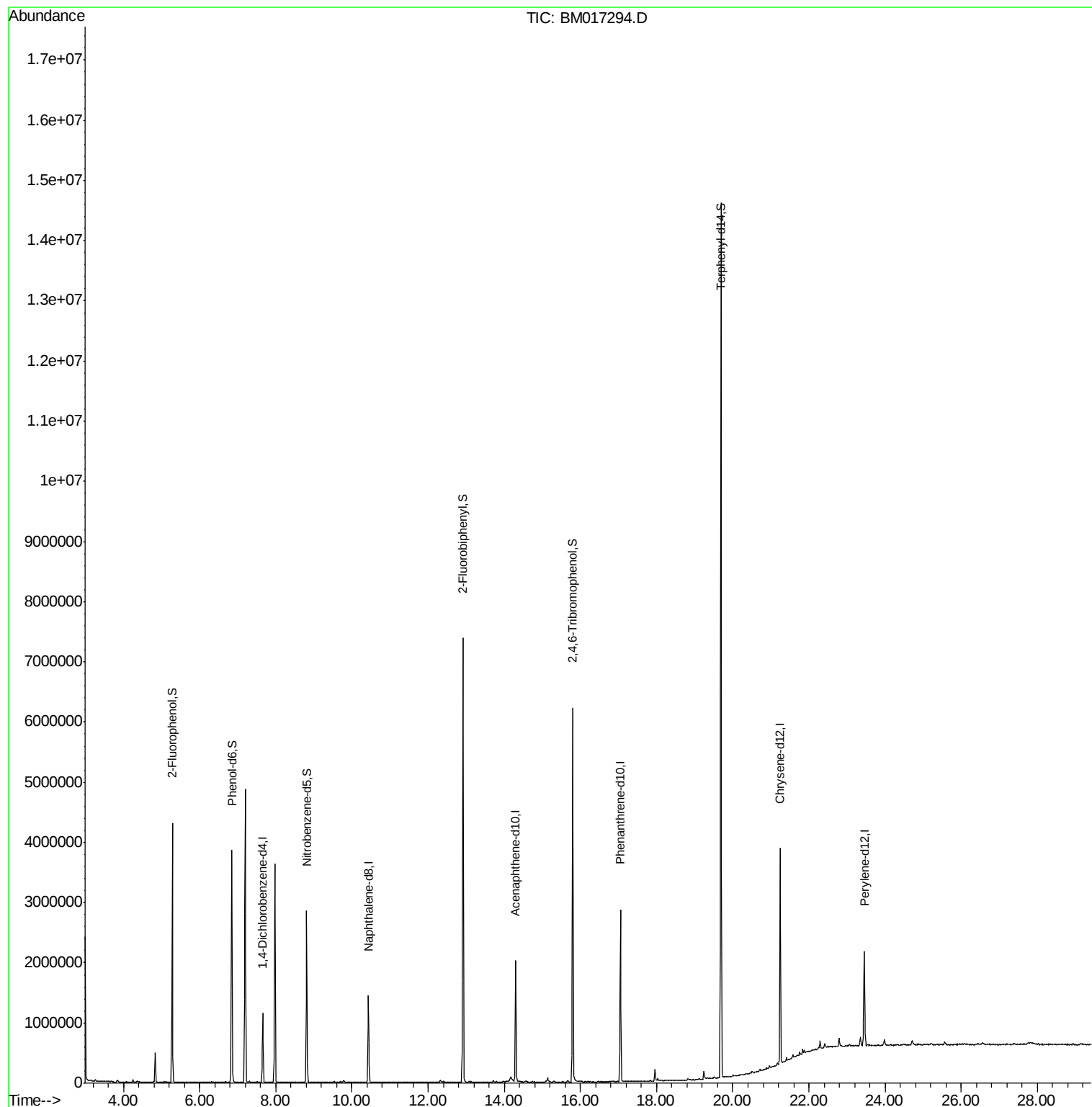
Target Compounds	Qvalue
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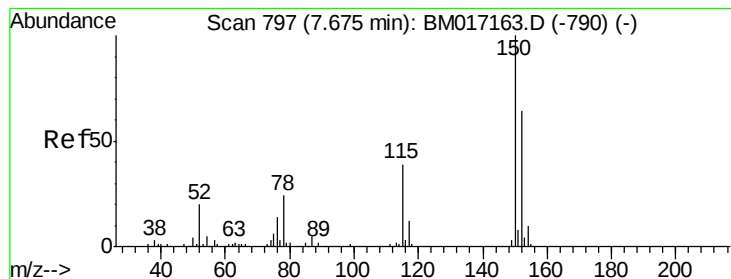
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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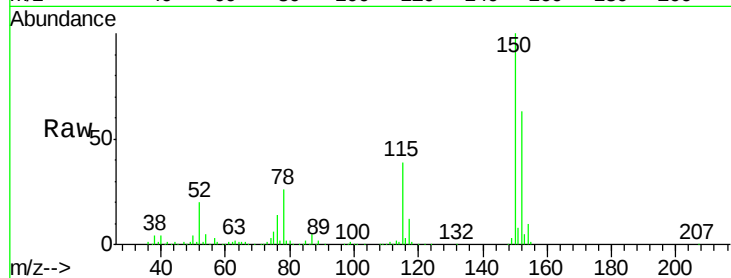


#1

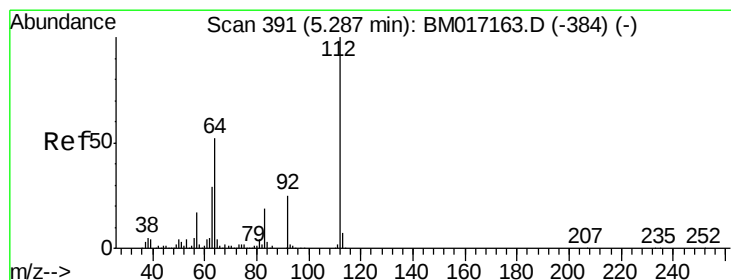
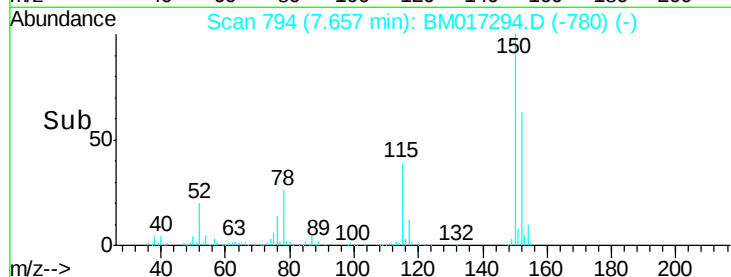
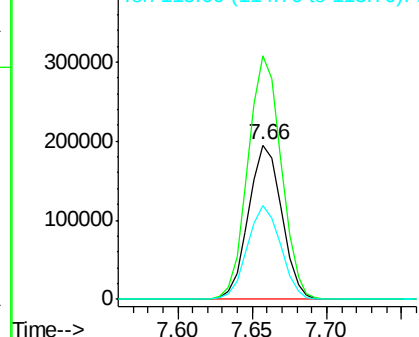
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017294.D
Acq: 23 Oct 2018 20:52

Instrument :
BNA_M
ClientSampleId :
TP-A

Tgt Ion:152 Resp: 300028
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 61.0 48.1 72.1



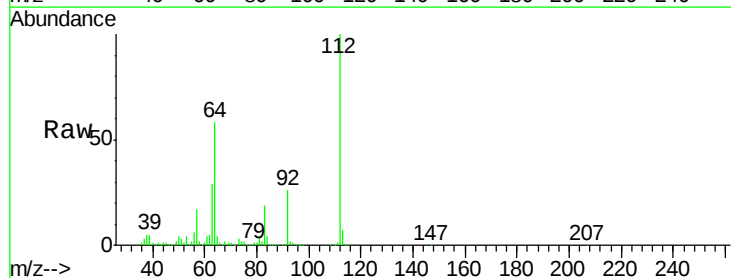
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



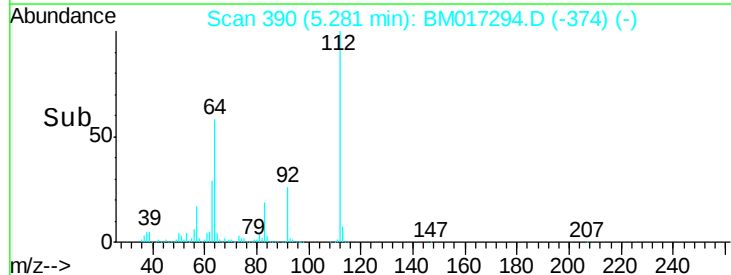
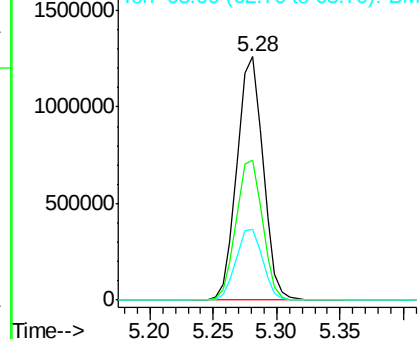
#5

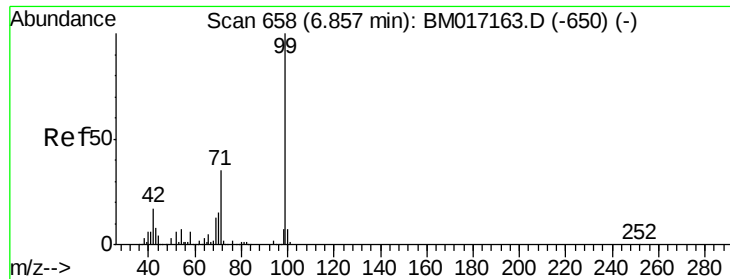
2-Fluorophenol
Concen: 100.820 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017294.D
Acq: 23 Oct 2018 20:52

Tgt Ion:112 Resp: 1788463
Ion Ratio Lower Upper
112 100
64 57.5 41.7 62.5
63 29.1 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: 88.660 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017294.D

Acq: 23 Oct 2018 20:52

Instrument :

BNA_M

ClientSampleId :

TP-A

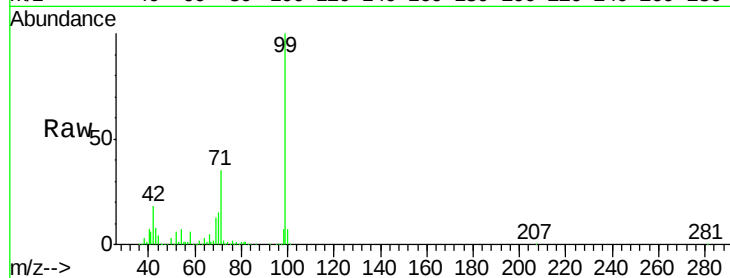
Tgt Ion: 99 Resp: 2141988

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

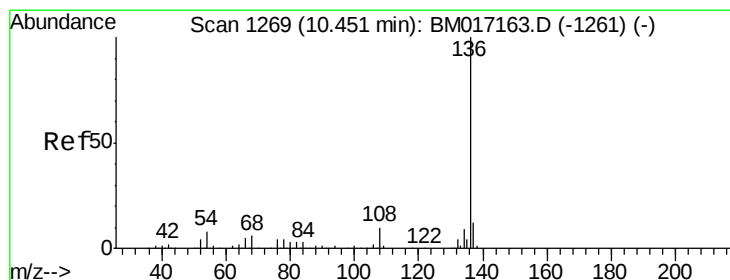
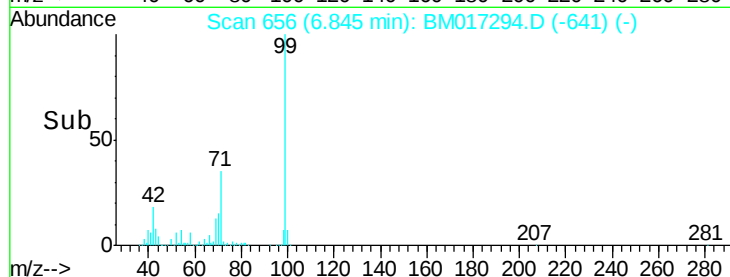
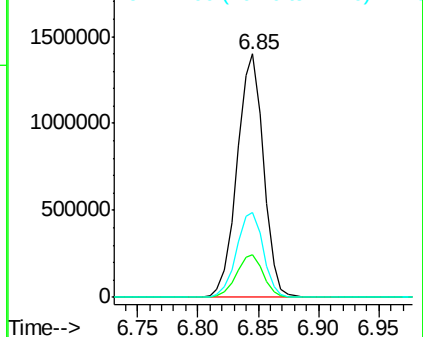
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017294.D

Acq: 23 Oct 2018 20:52

Tgt Ion: 136 Resp: 1165919

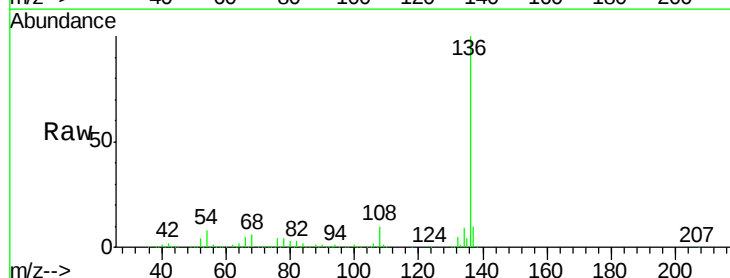
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.6 6.7 10.1

68 5.8 4.7 7.1

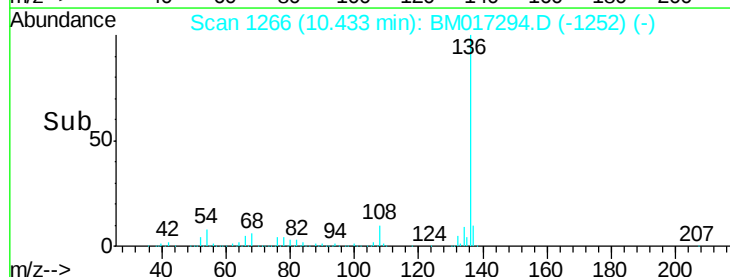
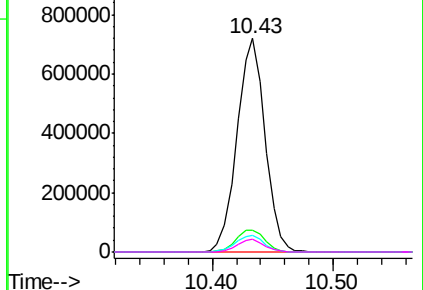


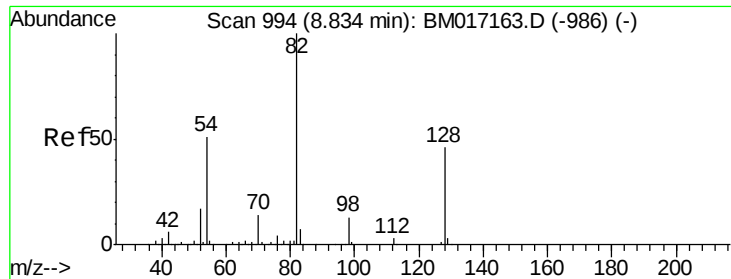
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

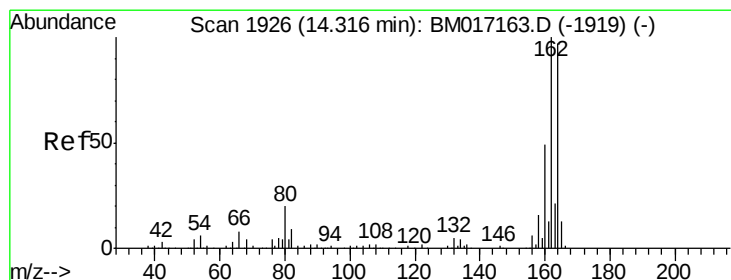
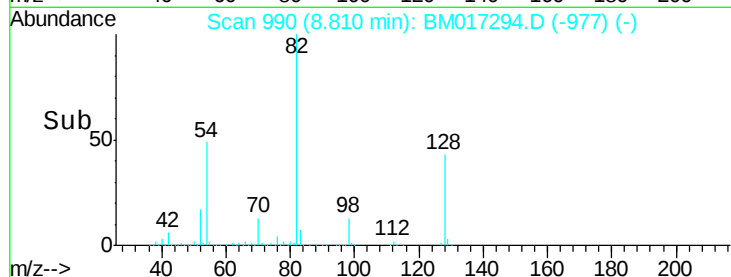
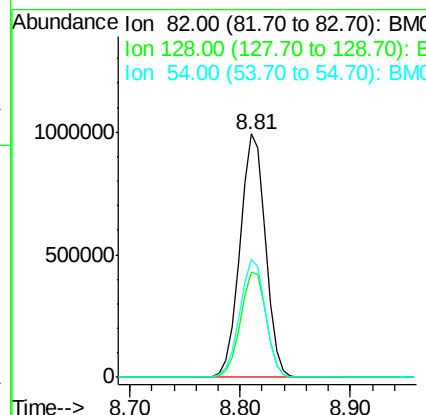
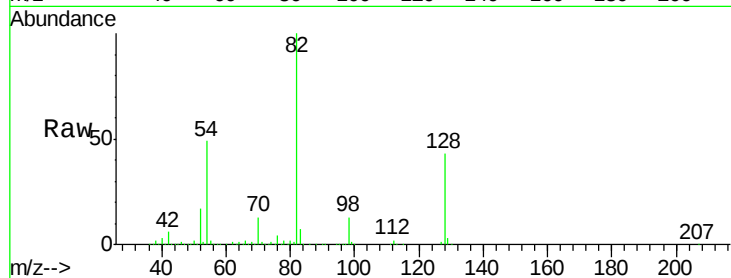




#23
Nitrobenzene-d5
Concen: 81.028 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM017294.D
Acq: 23 Oct 2018 20:52

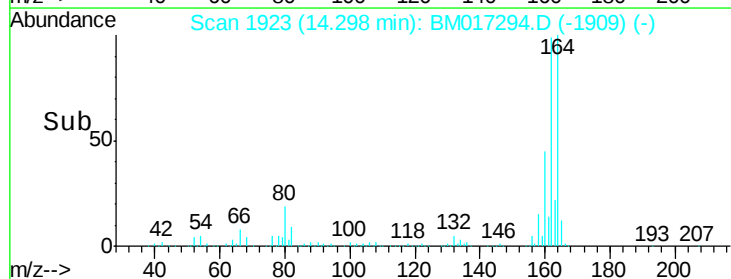
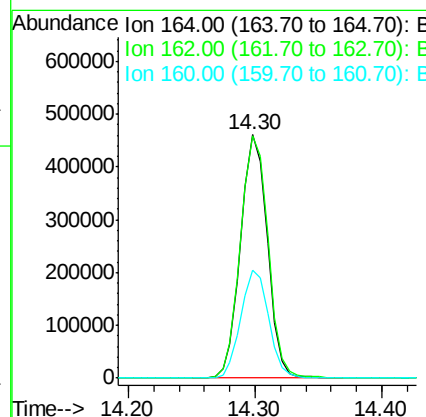
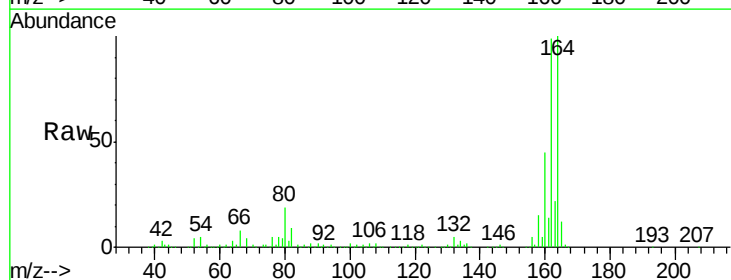
Instrument :
BNA_M
ClientSampled :
TP-A

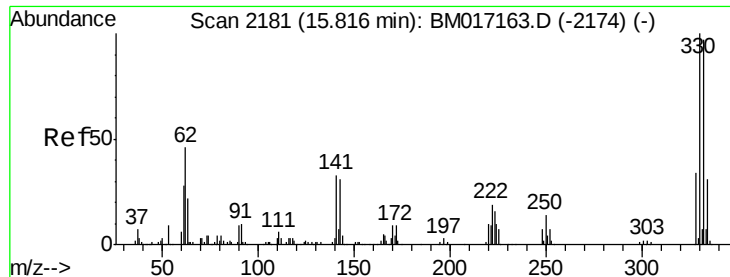
Tgt Ion: 82 Resp: 1615305
Ion Ratio Lower Upper
82 100
128 43.2 37.0 55.6
54 48.7 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017294.D
Acq: 23 Oct 2018 20:52

Tgt Ion: 164 Resp: 676583
Ion Ratio Lower Upper
164 100
162 99.4 82.1 123.1
160 44.5 40.2 60.2

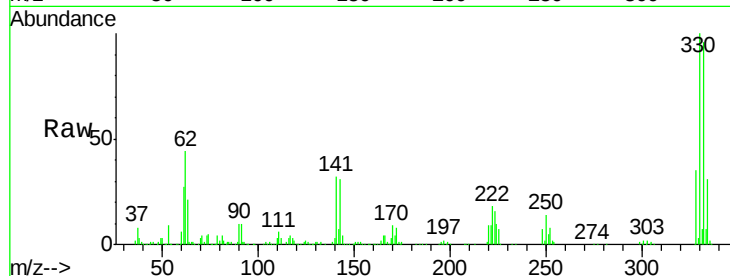




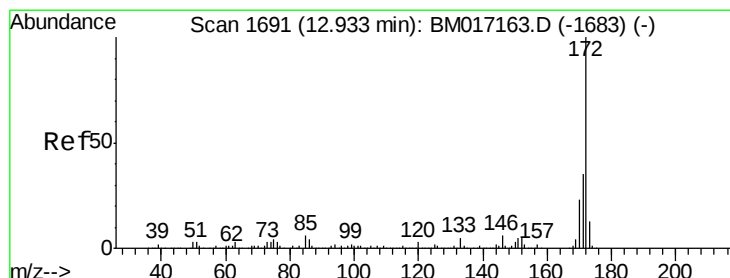
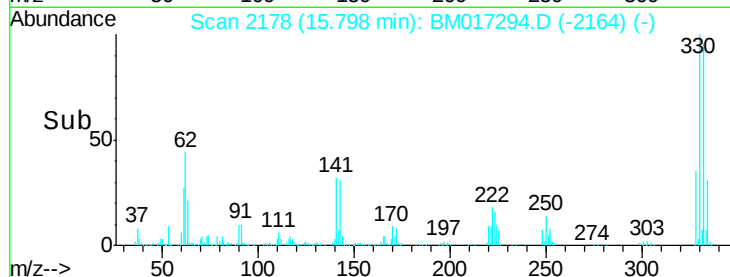
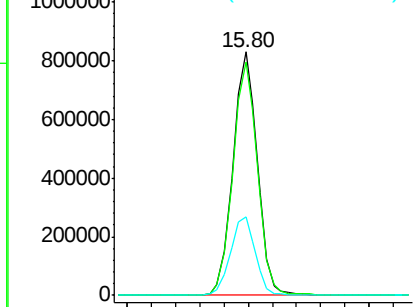
#42
 2,4,6-Tribromophenol
 Concen: 127.786 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017294.D
 Acq: 23 Oct 2018 20:52

Instrument :
 BNA_M
 ClientSampled :
 TP-A

Tgt Ion:330 Resp: 1169212
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 33.1 27.4 41.0

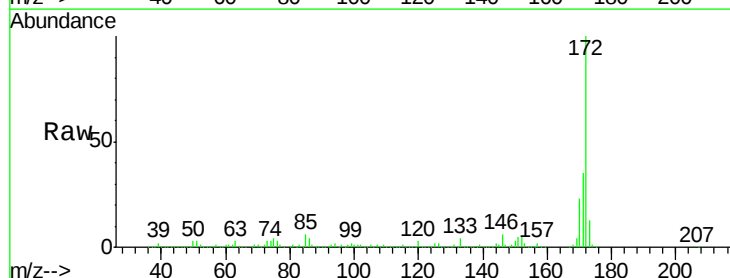


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

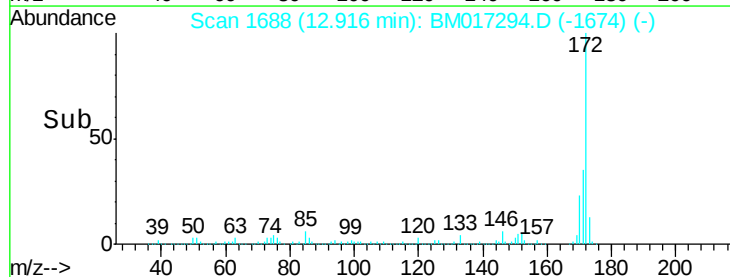
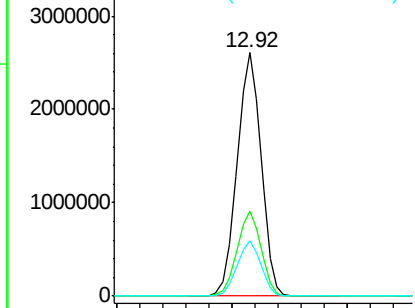


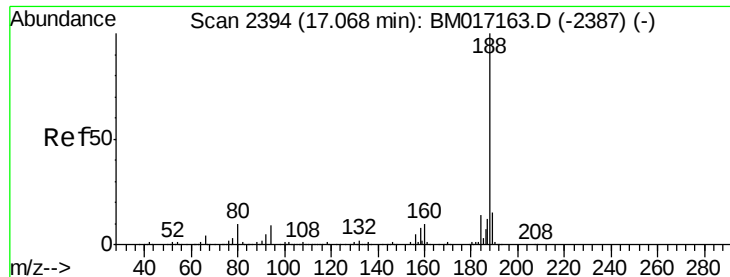
#45
 2-Fluorobiphenyl
 Concen: 73.909 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017294.D
 Acq: 23 Oct 2018 20:52

Tgt Ion:172 Resp: 3758262
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 22.8 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

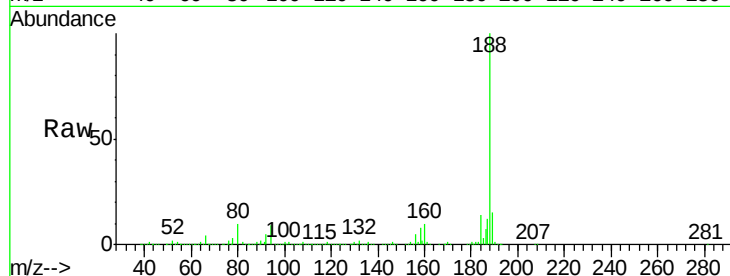




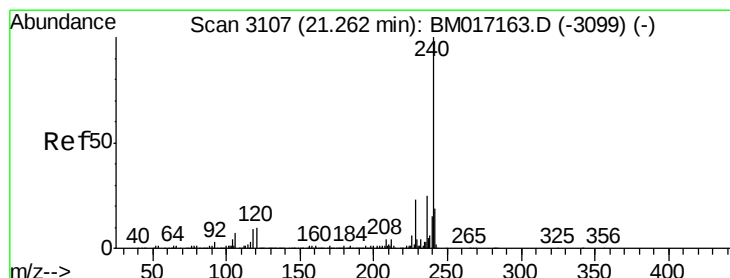
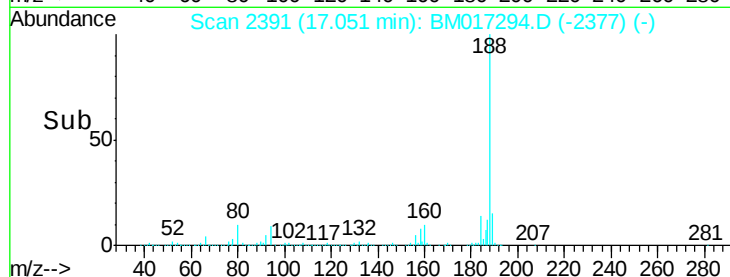
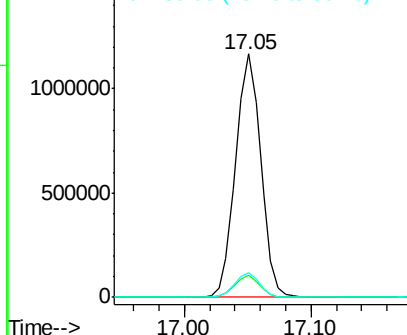
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017294.D
Acq: 23 Oct 2018 20:52

Instrument :
BNA_M
ClientSampleId :
TP-A

Tgt Ion:188 Resp: 1608234
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.1 7.7 11.5

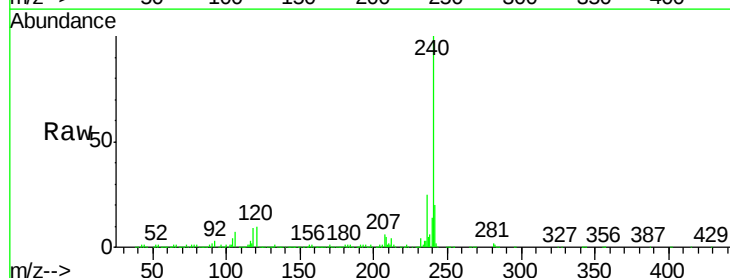


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

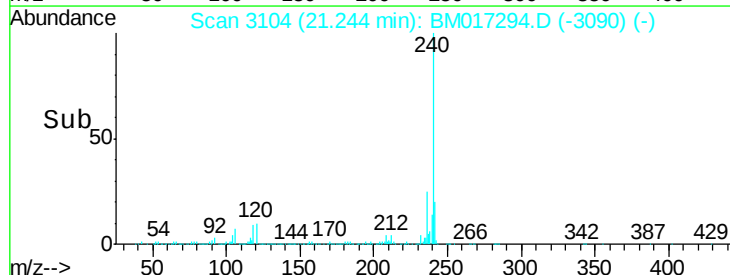
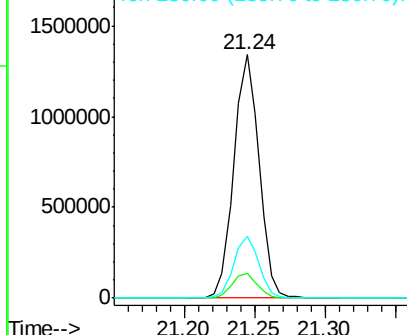


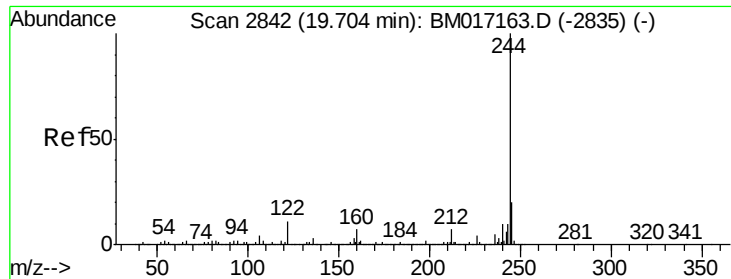
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017294.D
Acq: 23 Oct 2018 20:52

Tgt Ion:240 Resp: 1672879
Ion Ratio Lower Upper
240 100
120 10.0 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: 88.080 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017294.D

Acq: 23 Oct 2018 20:52

Instrument :

BNA_M

ClientSampleId :

TP-A

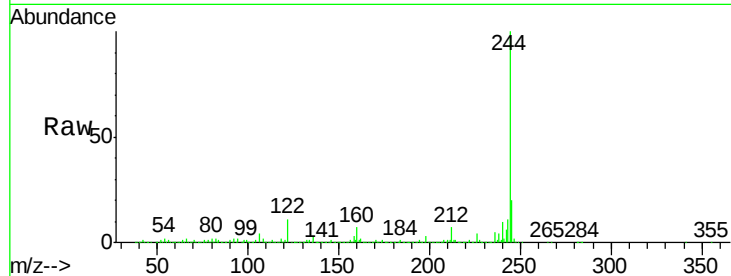
Tgt Ion:244 Resp: 6537138

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

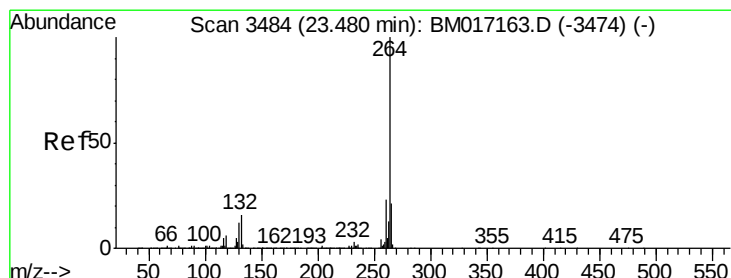
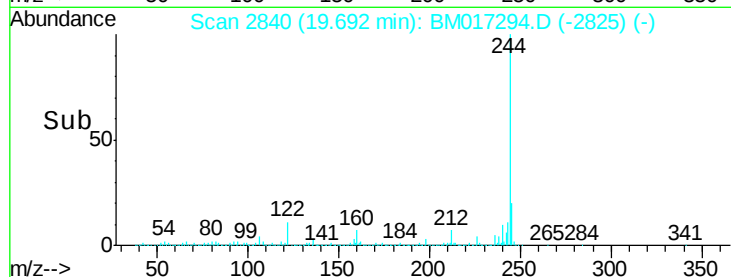
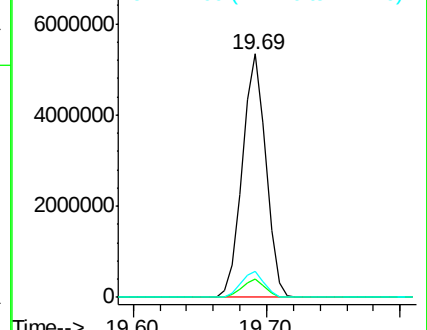
122 10.6 8.4 12.6



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: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017294.D

Acq: 23 Oct 2018 20:52

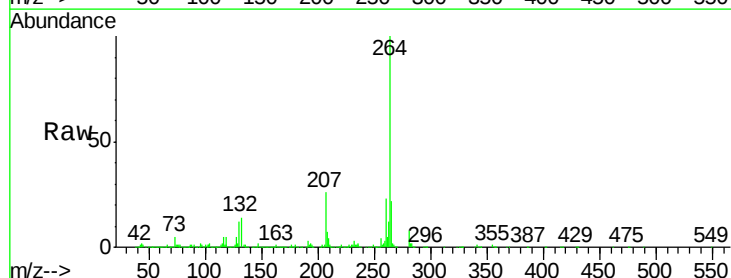
Tgt Ion:264 Resp: 1153358

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.6 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

