

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019279.D
 Acq On : 21 Mar 2019 01:37
 Operator : JU/SJ
 Sample : K1964-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-4

Quant Time: Mar 21 17:17:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	191317	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	849443	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	545690	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1192003	20.00	ng	0.00
76) Chrysene-d12	21.24	240	966877	20.00	ng	0.00
87) Perylene-d12	23.47	264	870966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	465523	39.41	ng	0.00
7) Phenol-d6	6.82	99	408636	23.65	ng	0.00
23) Nitrobenzene-d5	8.80	82	1604640	89.30	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	754559	93.65	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3685159	87.84	ng	0.00
79) Terphenyl-d14	19.69	244	4854374	99.67	ng	0.00

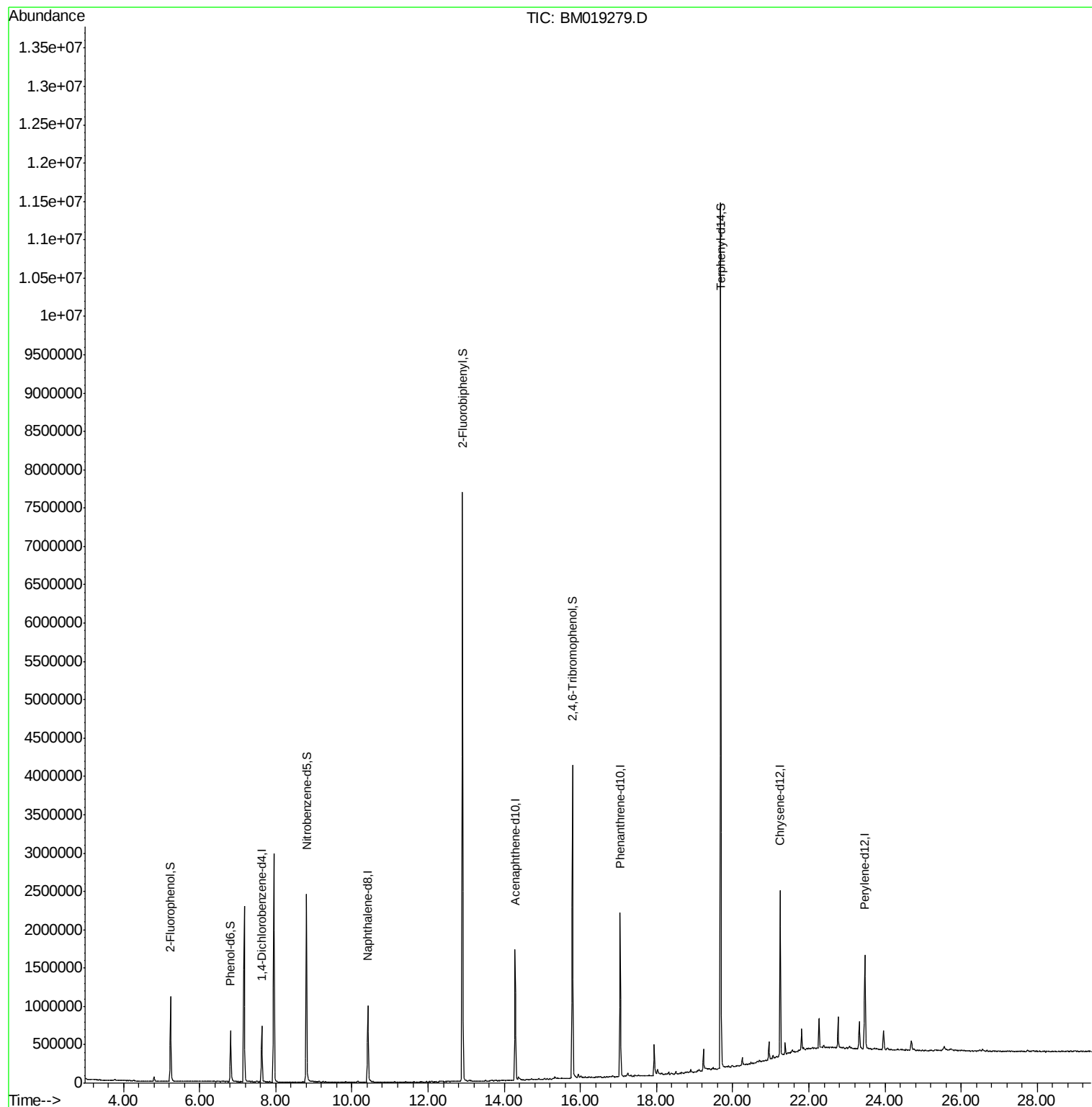
Target Compounds Qvalue

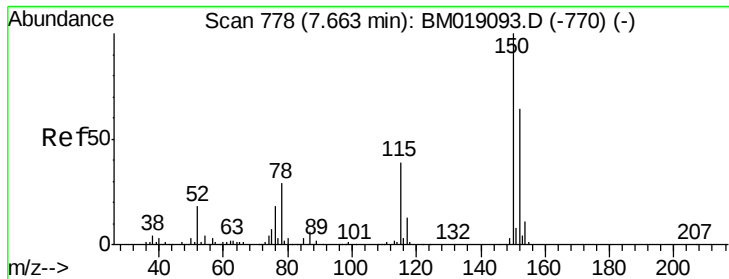
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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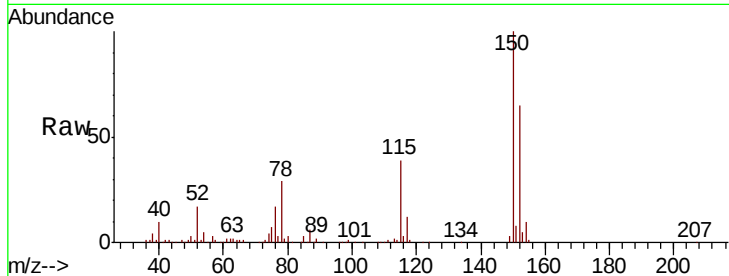


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019279.D
Acq: 21 Mar 2019 01:37

Instrument :
BNA_M
ClientSampleId :
TW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	60.3	48.9	73.3

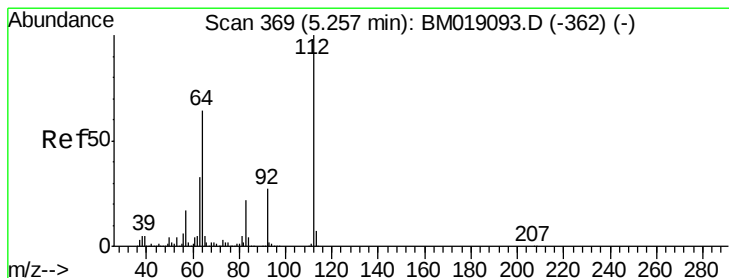
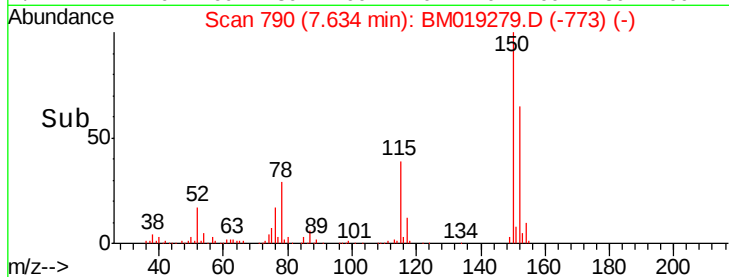
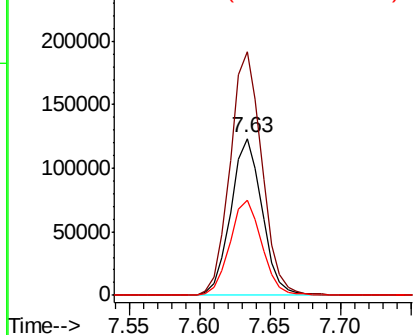


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

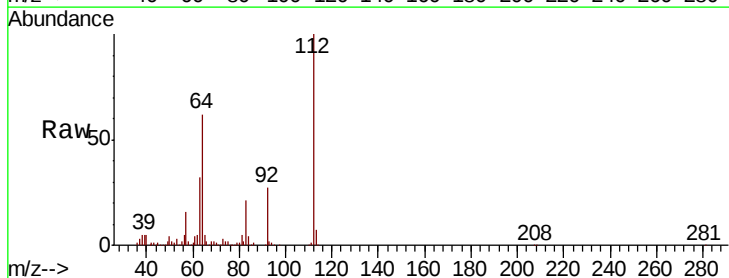
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.406 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019279.D
Acq: 21 Mar 2019 01:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	50.6	75.8
63	32.3	25.8	38.6

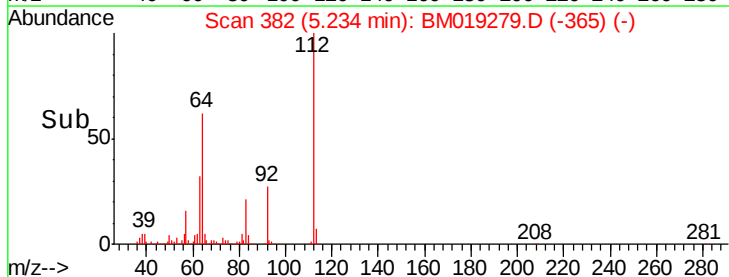
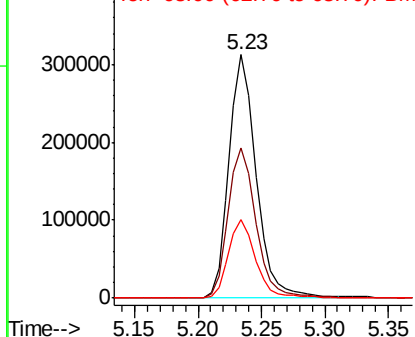


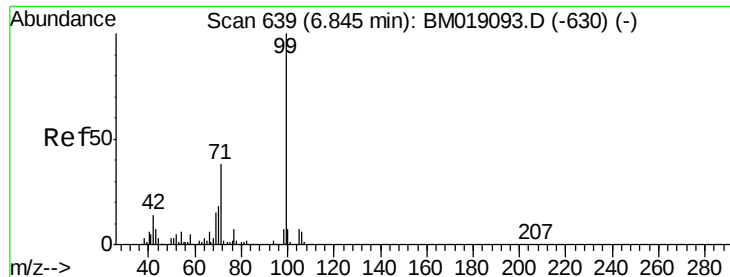
Abundance

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: 23.648 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019279.D

Acq: 21 Mar 2019 01:37

Instrument :

BNA_M

ClientSampleId :

TW-4

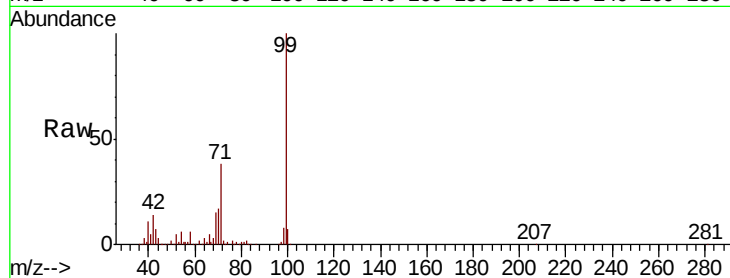
Tot Ion: 99 Resp: 408636

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

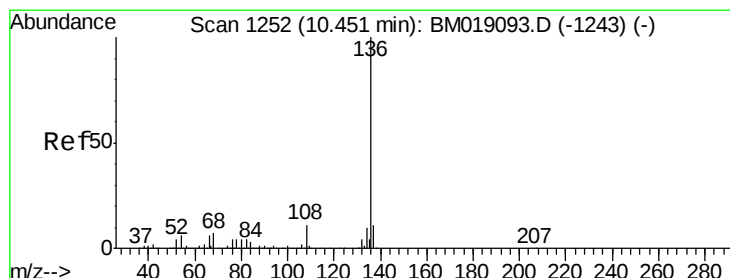
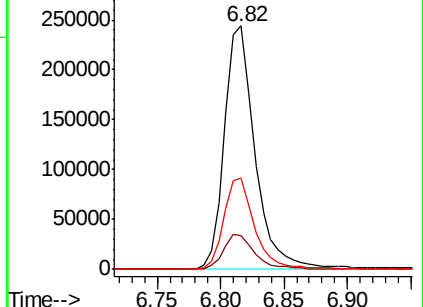
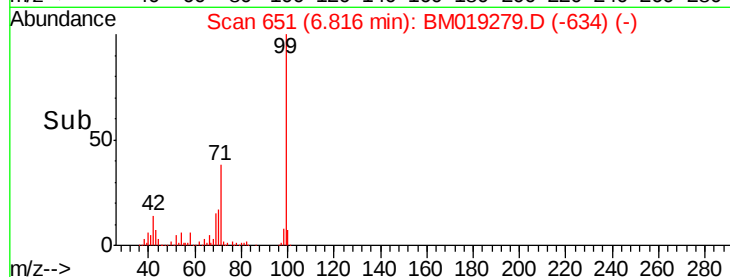
71 37.7 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BM019279.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM019279.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM019279.D (-634) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019279.D

Acq: 21 Mar 2019 01:37

Tgt Ion: 136 Resp: 849443

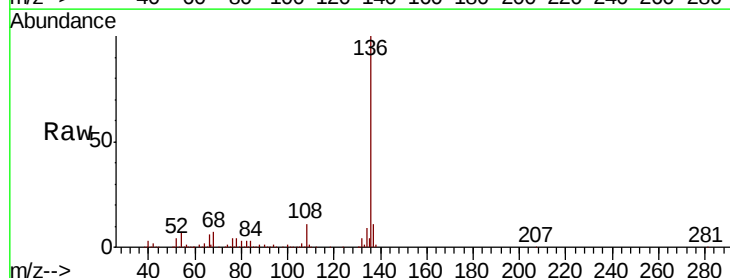
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.6 5.5 8.3

68 7.5 6.0 9.0

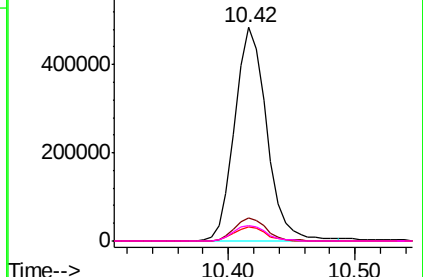
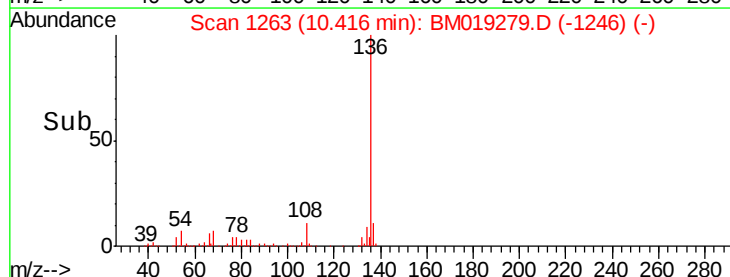


Abundance Ion 136.00 (135.70 to 136.70): BM019279.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM019279.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM019279.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM019279.D (-1246) (-)

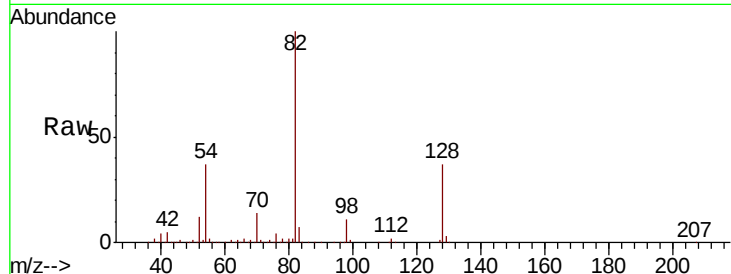




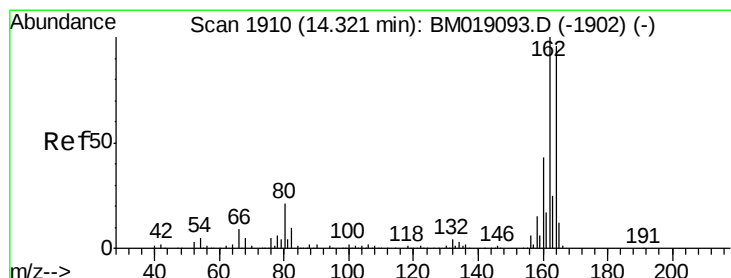
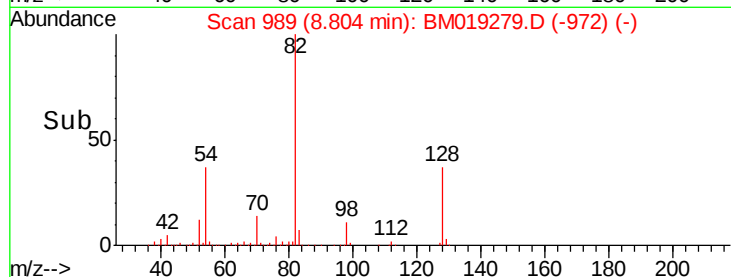
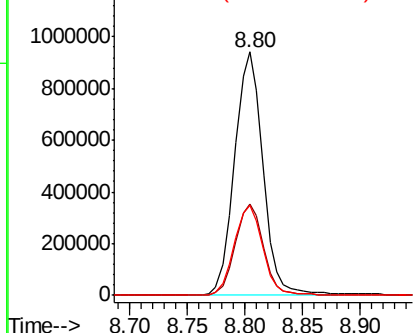
#23
Nitrobenzene-d5
Concen: 89.296 ng
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM019279.D
Acq: 21 Mar 2019 01:37

Instrument :
BNA_M
ClientSampleId :
TW-4

Tot Ion: 82 Resp: 1604640
Ion Ratio Lower Upper
82 100
128 37.4 30.2 45.4
54 37.1 30.2 45.2

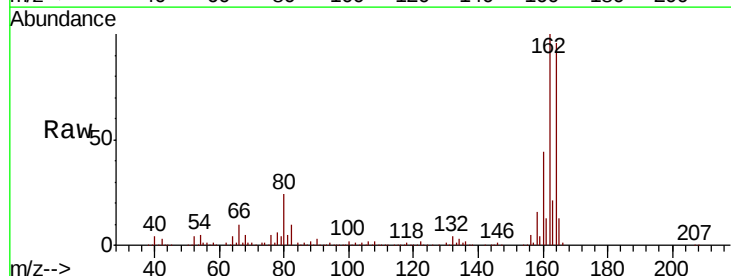


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

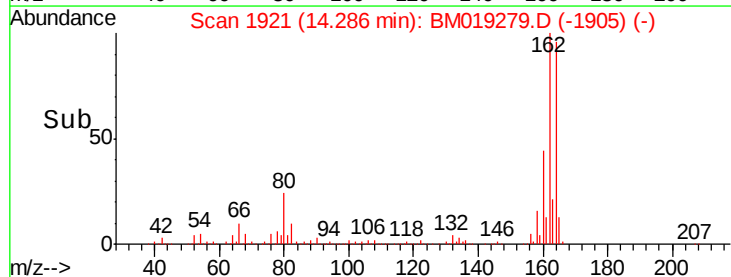
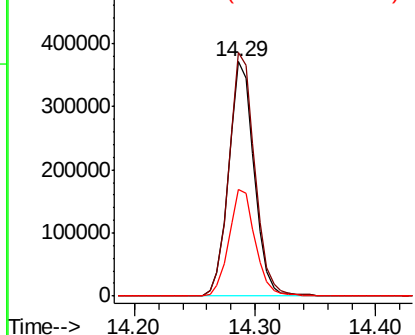


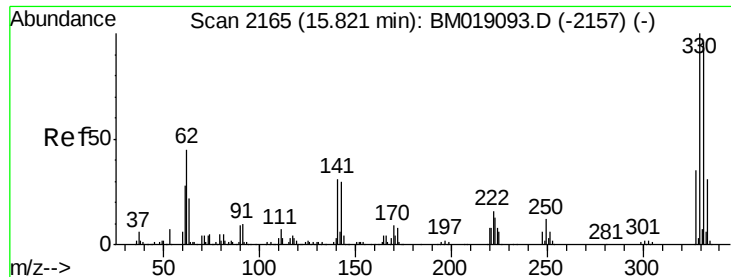
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM019279.D
Acq: 21 Mar 2019 01:37

Tgt Ion:164 Resp: 545690
Ion Ratio Lower Upper
164 100
162 103.8 84.1 126.1
160 45.3 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)
Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)
Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)





#42

2,4,6-Tribromophenol

Concen: 93.654 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM019279.D

Acq: 21 Mar 2019 01:37

Instrument :

BNA_M

ClientSampleId :

TW-4

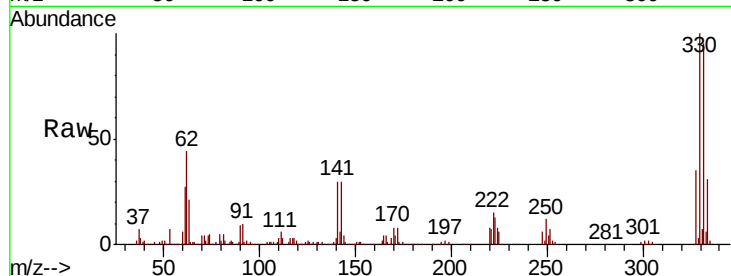
Tot Ion:330 Resp: 754559

Ion Ratio Lower Upper

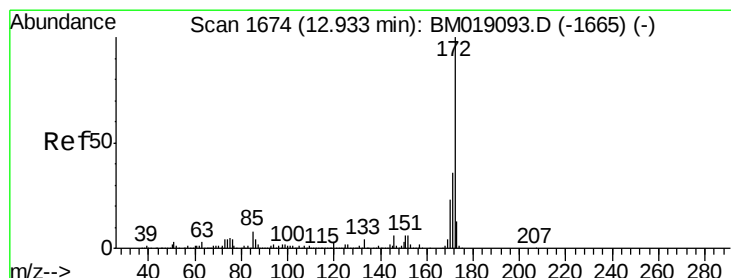
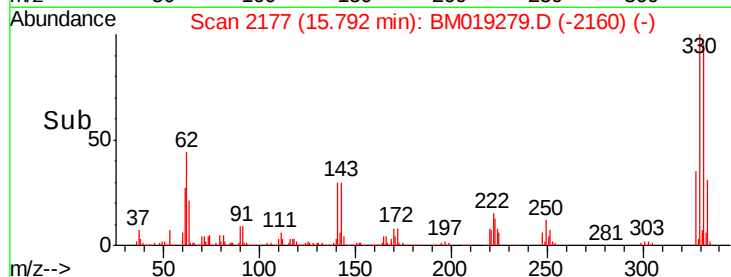
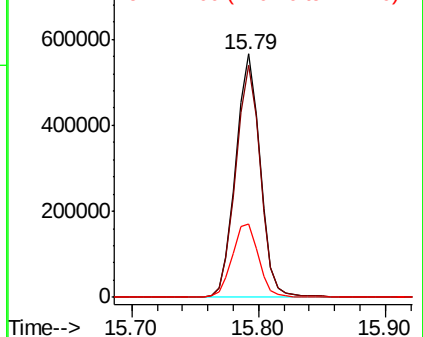
330 100

332 96.3 77.6 116.4

141 32.7 25.7 38.5



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: 87.843 ng

RT: 12.90 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BM019279.D

Acq: 21 Mar 2019 01:37

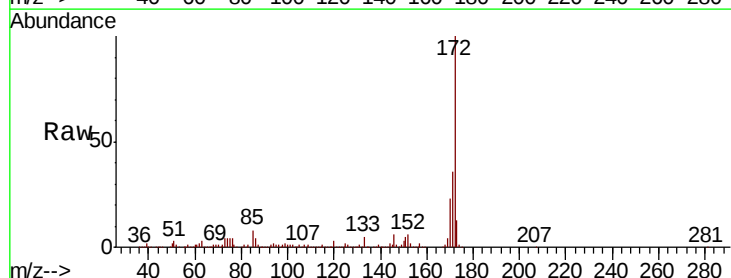
Tgt Ion:172 Resp: 3685159

Ion Ratio Lower Upper

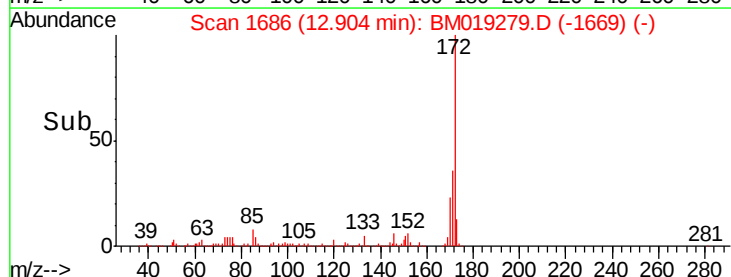
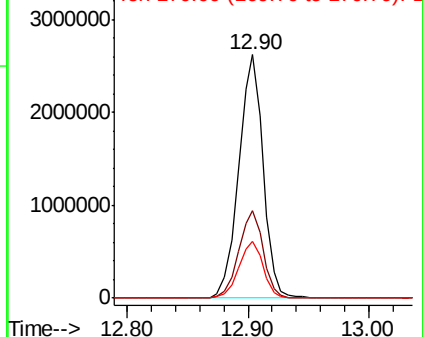
172 100

171 35.8 29.0 43.4

170 23.4 18.9 28.3



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

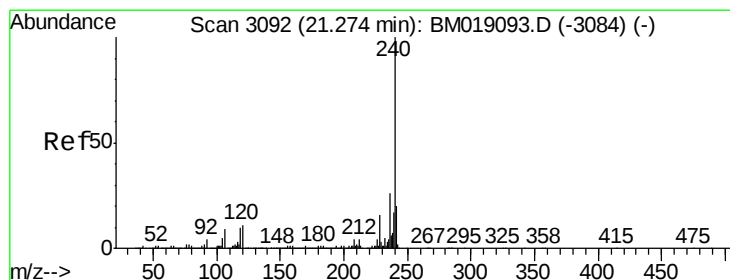
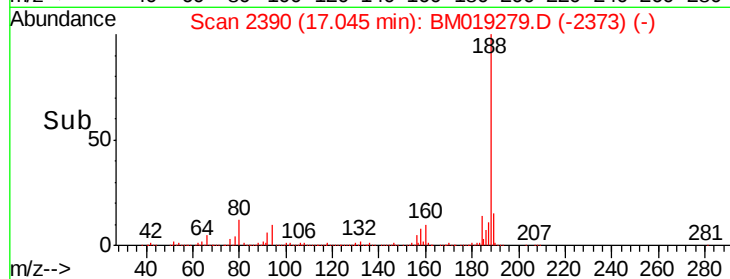
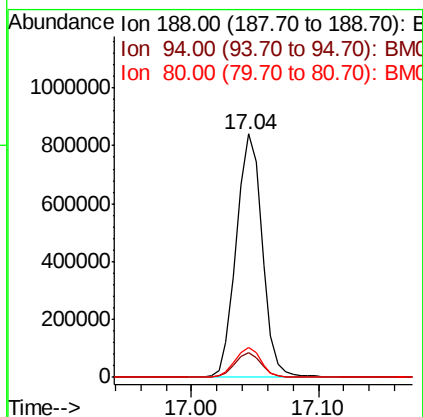
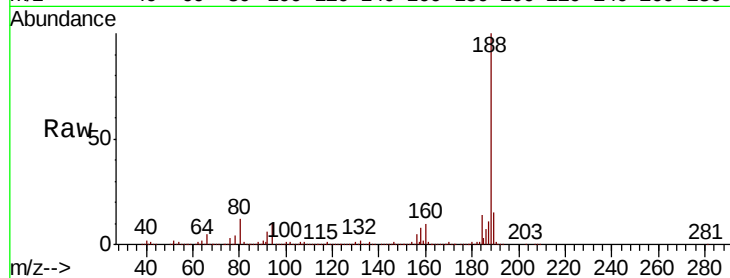




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM019279.D
Acq: 21 Mar 2019 01:37

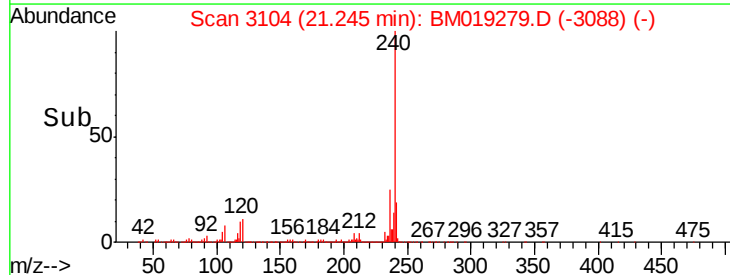
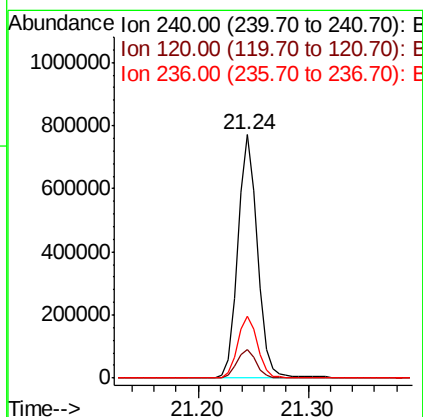
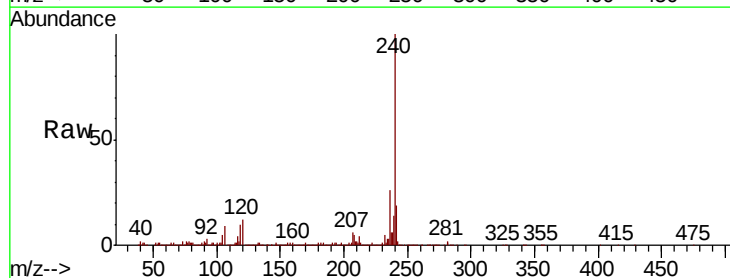
Instrument :
BNA_M
ClientSampled :
TW-4

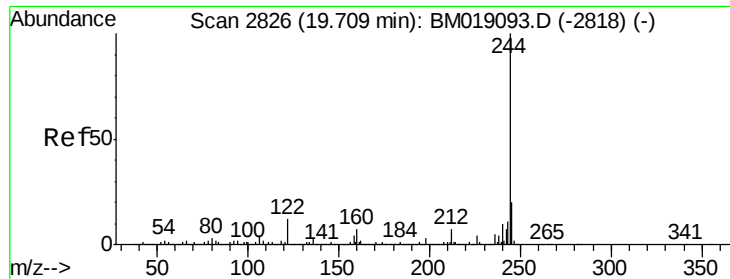
Tot Ion:188 Resp: 1192003
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 12.1 9.8 14.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM019279.D
Acq: 21 Mar 2019 01:37

Tgt Ion:240 Resp: 966877
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 99.671 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019279.D

Acq: 21 Mar 2019 01:37

Instrument :

BNA_M

ClientSampled :

TW-4

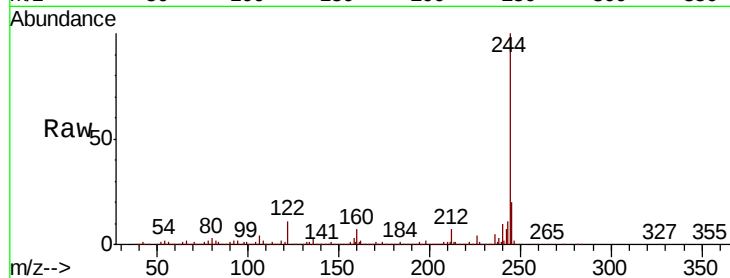
Tot Ion:244 Resp: 4854374

Ion Ratio Lower Upper

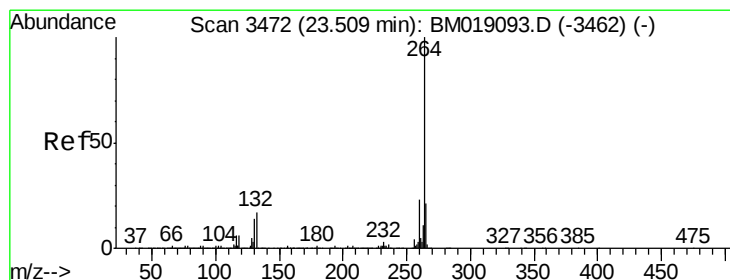
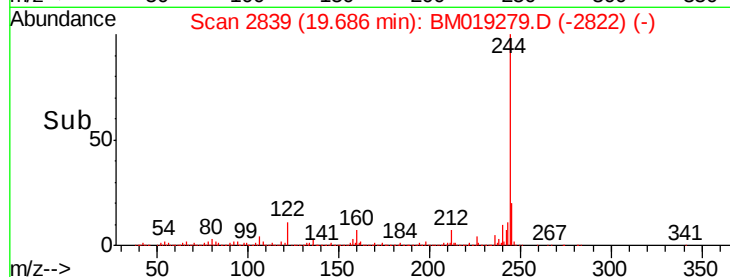
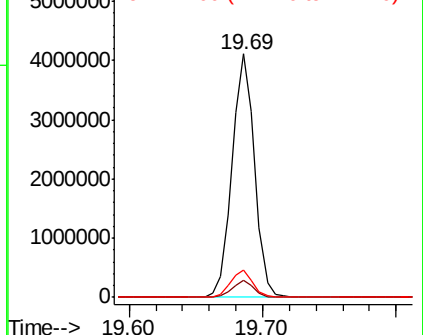
244 100

212 6.8 5.4 8.2

122 11.3 9.6 14.4



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: 23.47 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM019279.D

Acq: 21 Mar 2019 01:37

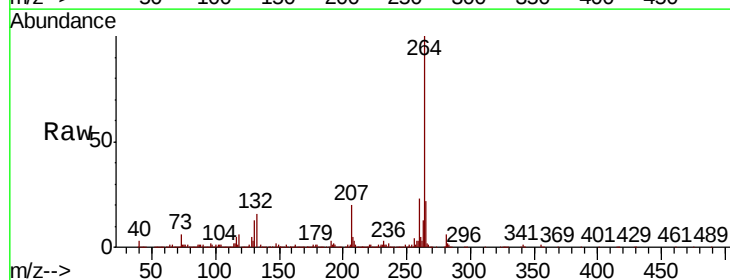
Tgt Ion:264 Resp: 870966

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.6 17.6 26.4



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

