

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019264.D
 Acq On : 20 Mar 2019 16:31
 Operator : JU/SJ
 Sample : PB118000BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:13:10 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	167600	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	672135	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	434302	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	966238	20.00	ng	0.00
76) Chrysene-d12	21.25	240	798360	20.00	ng	0.00
87) Perylene-d12	23.47	264	738789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1396996	134.99	ng	0.00
7) Phenol-d6	6.82	99	1999805	132.11	ng	0.00
23) Nitrobenzene-d5	8.80	82	1180807	83.04	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	829355	129.34	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2776475	83.16	ng	0.00
79) Terphenyl-d14	19.69	244	4277471	106.36	ng	0.00

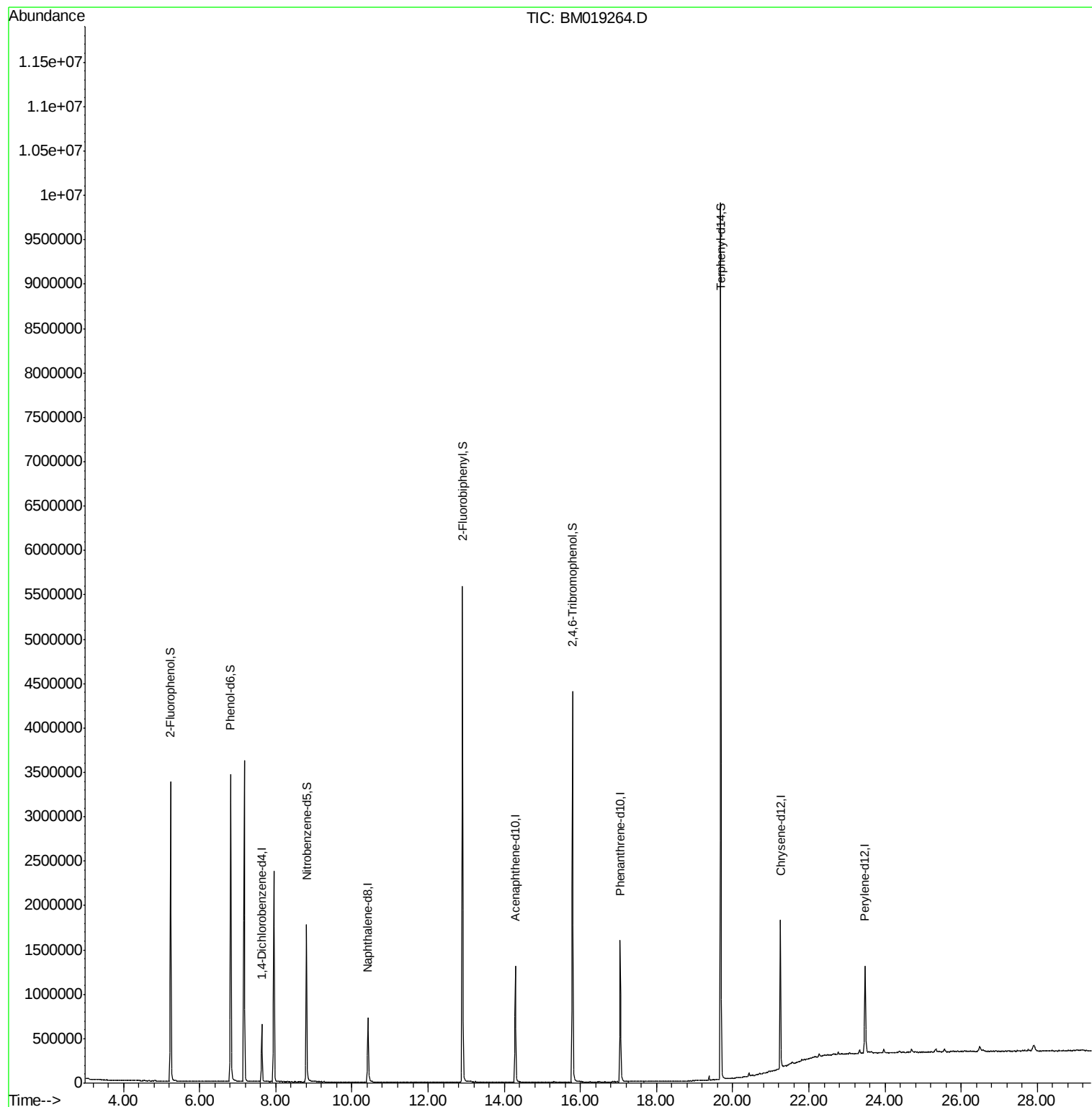
Target Compounds Qvalue

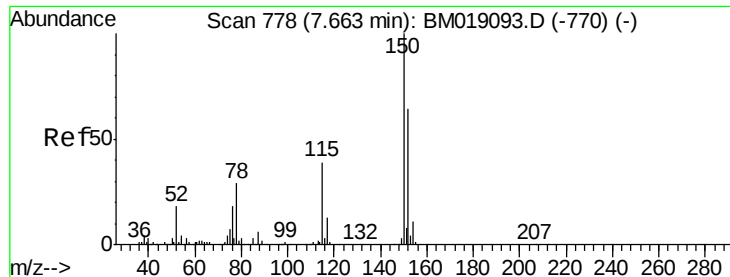
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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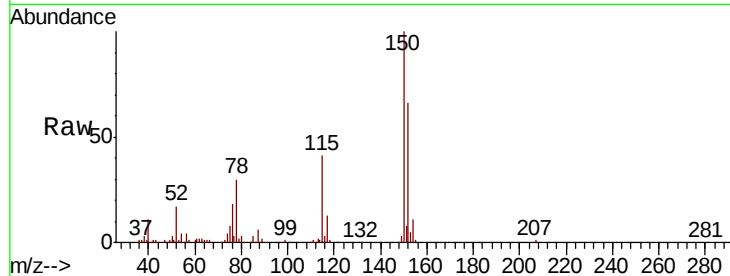


#1

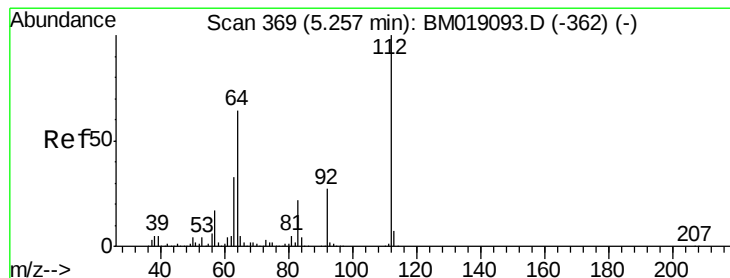
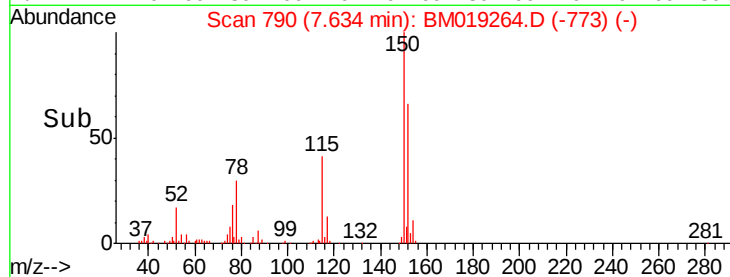
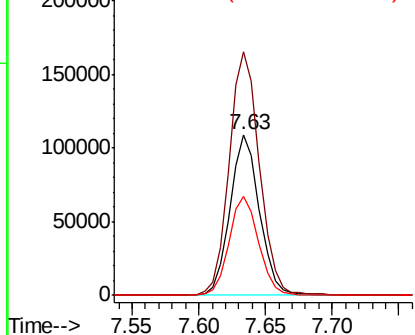
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019264.D
Acq: 20 Mar 2019 16:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 167600
Ion Ratio Lower Upper
152 100
150 151.5 123.8 185.6
115 61.6 48.9 73.3



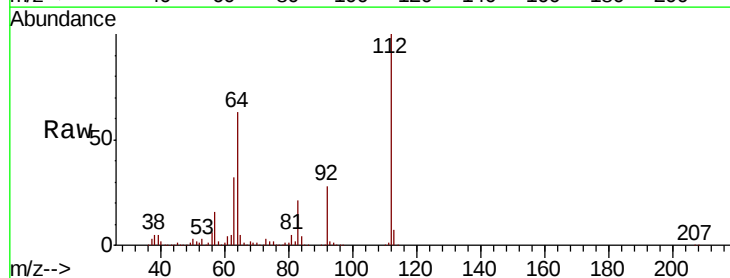
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



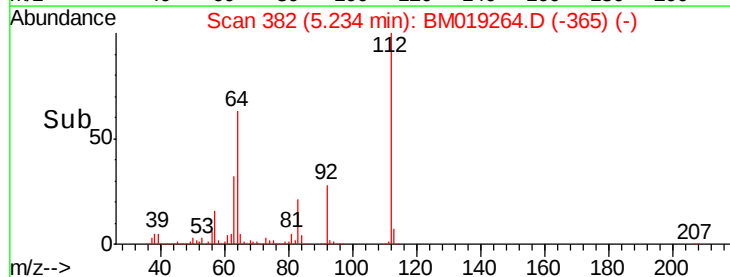
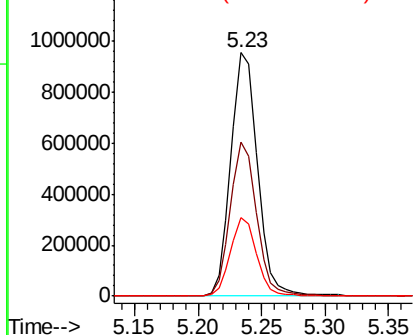
#5

2-Fluorophenol
Concen: 134.988 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019264.D
Acq: 20 Mar 2019 16:31

Tgt Ion:112 Resp: 1396996
Ion Ratio Lower Upper
112 100
64 63.2 50.6 75.8
63 32.2 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: 132.109 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019264.D

Acq: 20 Mar 2019 16:31

Instrument :

BNA_M

ClientSampleId :

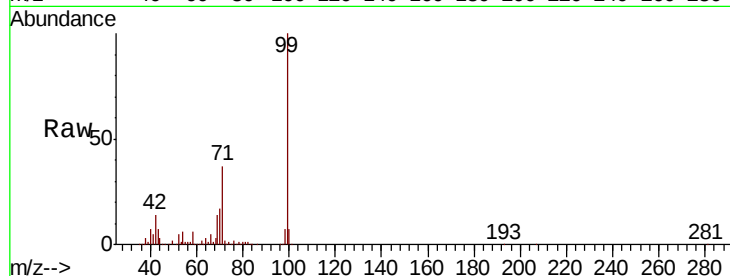
Tot Ion: 99 Resp: 1999805

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

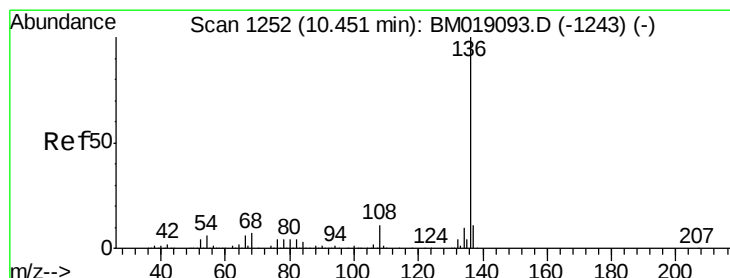
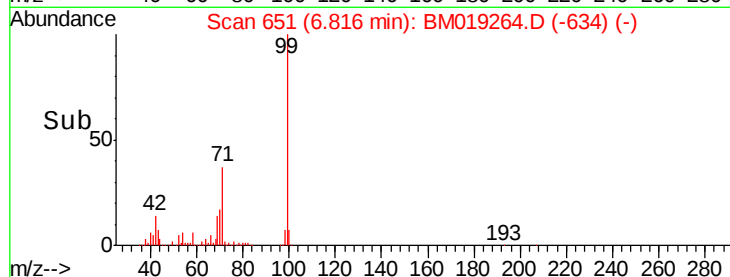
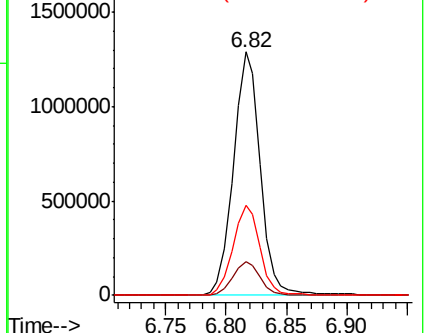
71 37.0 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019264.D

Acq: 20 Mar 2019 16:31

Tgt Ion: 136 Resp: 672135

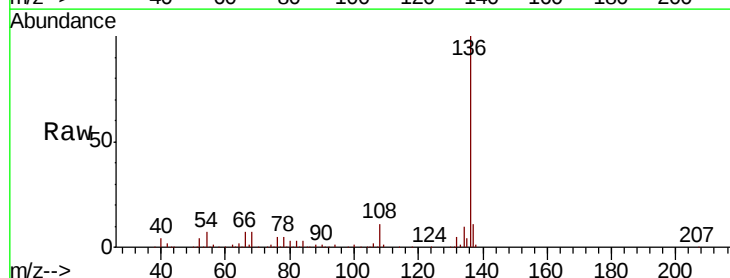
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.7 5.5 8.3

68 7.0 6.0 9.0

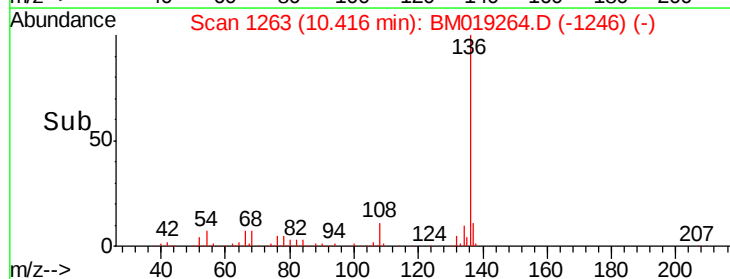
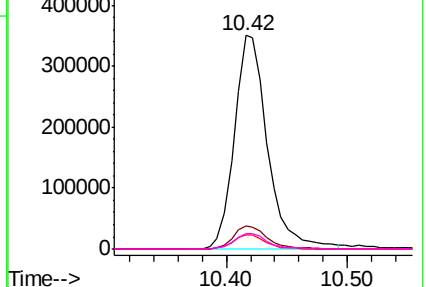


Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

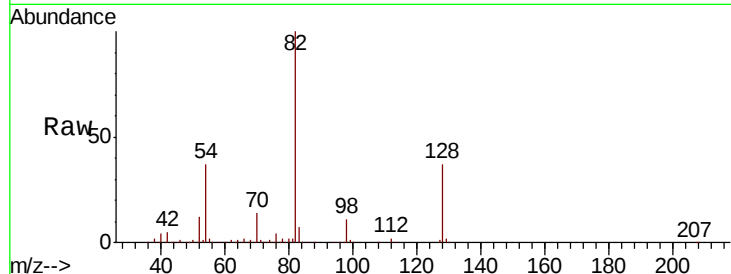




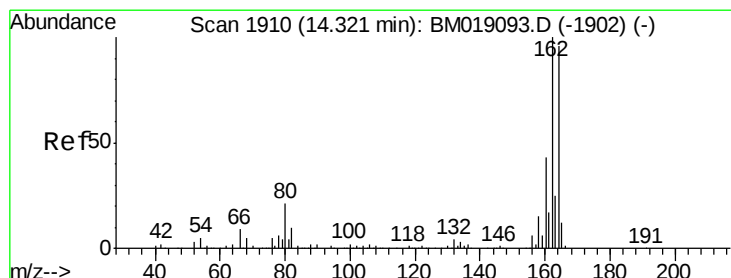
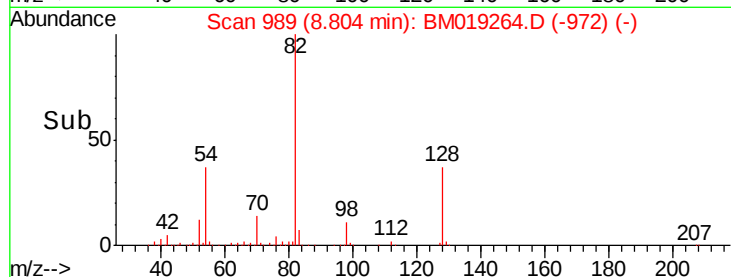
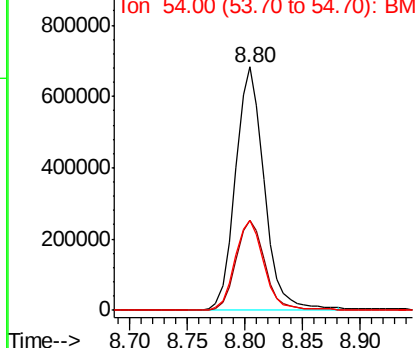
#23
Nitrobenzene-d5
Concen: 83.044 ng
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM019264.D
Acq: 20 Mar 2019 16:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1180807
Ion Ratio Lower Upper
82 100
128 37.2 30.2 45.4
54 37.0 30.2 45.2

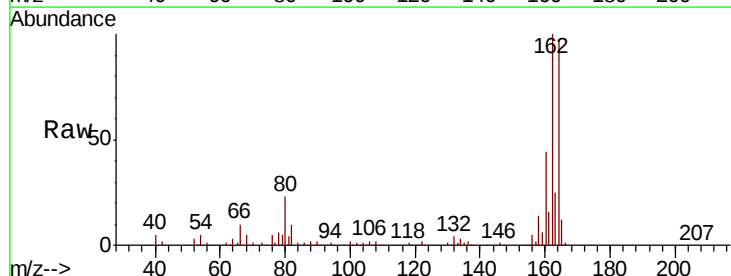


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

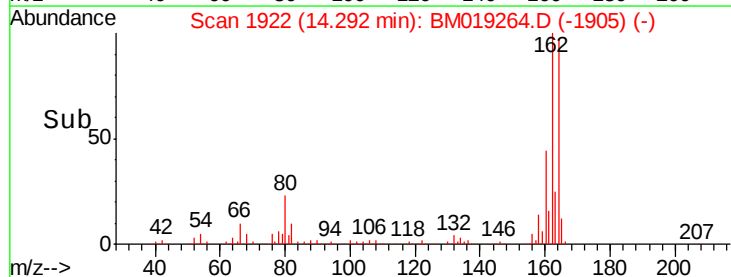
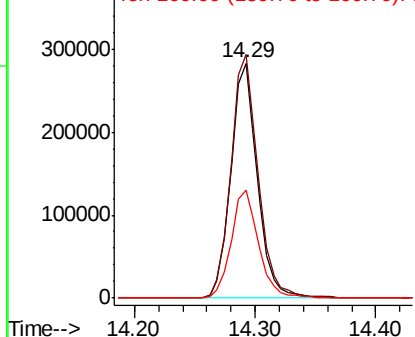


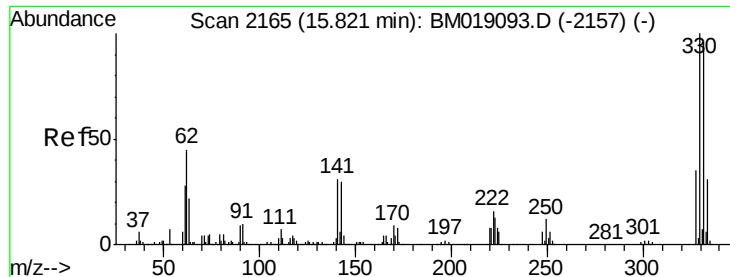
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM019264.D
Acq: 20 Mar 2019 16:31

Tgt Ion:164 Resp: 434302
Ion Ratio Lower Upper
164 100
162 103.6 84.1 126.1
160 46.0 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: 129.338 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM019264.D

Acq: 20 Mar 2019 16:31

Instrument :

BNA_M

ClientSampleId :

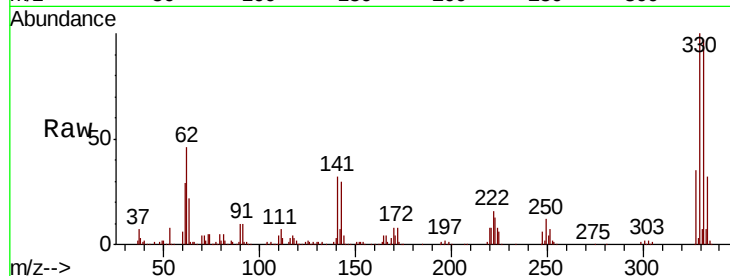
Tot Ion:330 Resp: 829355

Ion Ratio Lower Upper

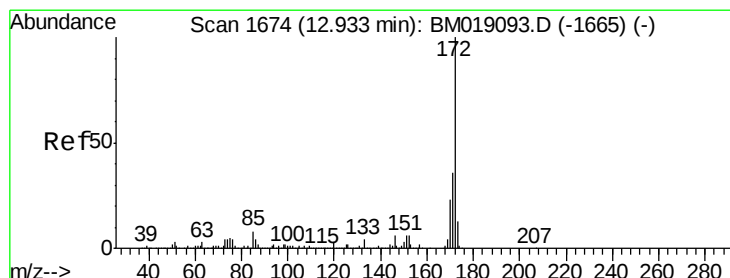
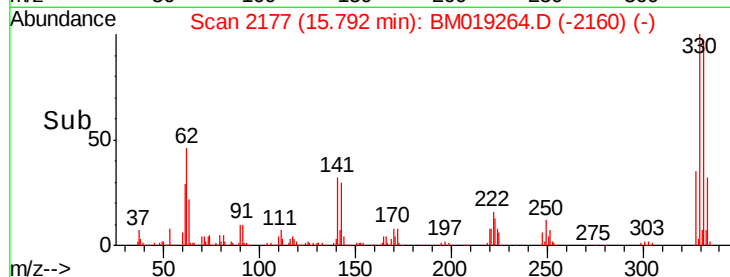
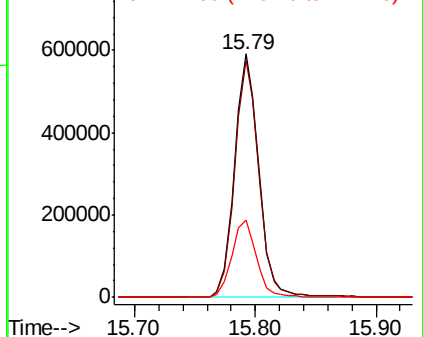
330 100

332 97.2 77.6 116.4

141 32.6 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: 83.157 ng

RT: 12.90 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BM019264.D

Acq: 20 Mar 2019 16:31

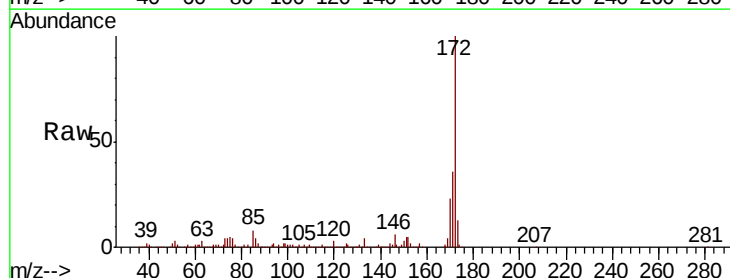
Tgt Ion:172 Resp: 2776475

Ion Ratio Lower Upper

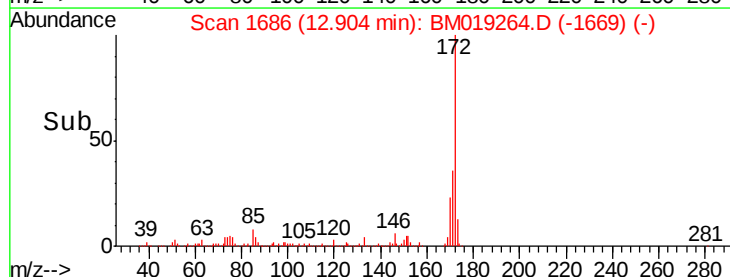
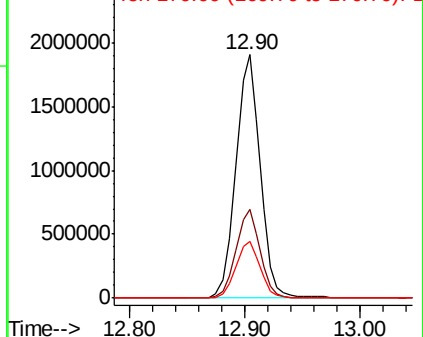
172 100

171 36.4 29.0 43.4

170 23.2 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

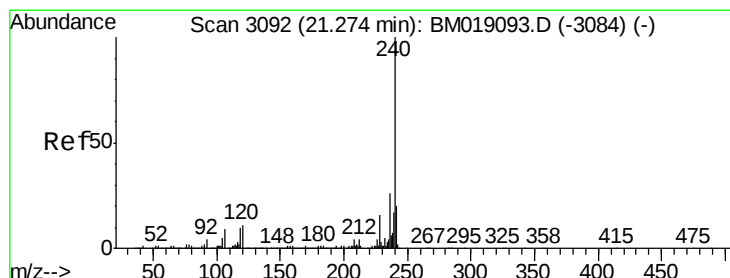
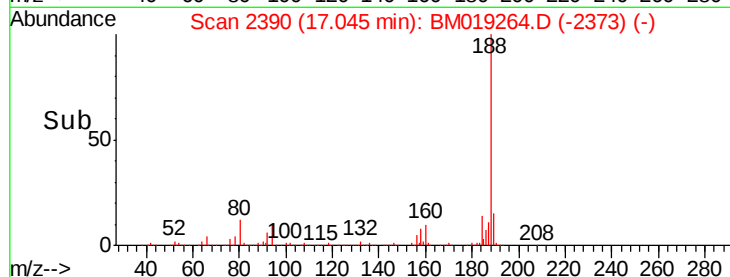
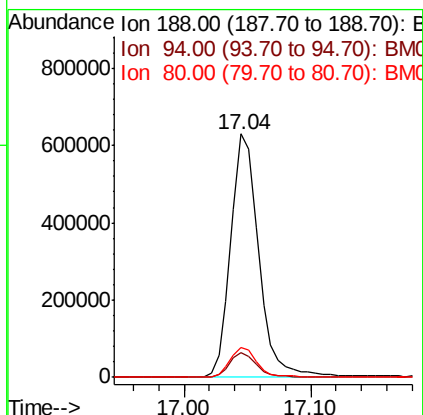
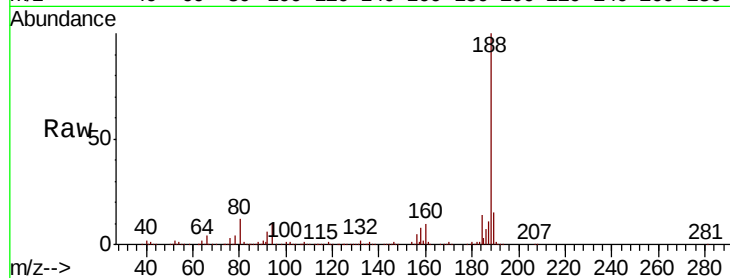




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM019264.D
Acq: 20 Mar 2019 16:31

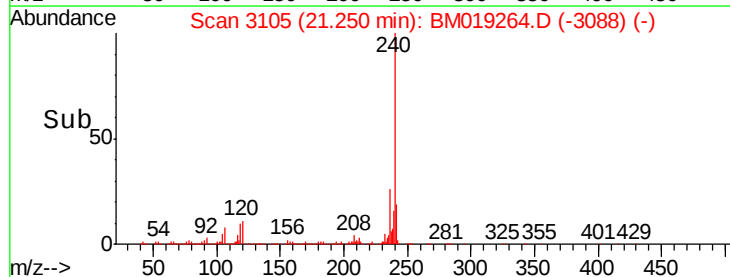
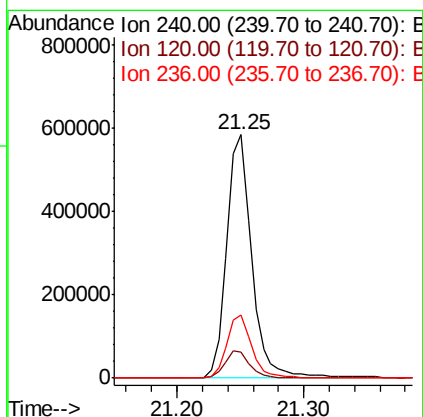
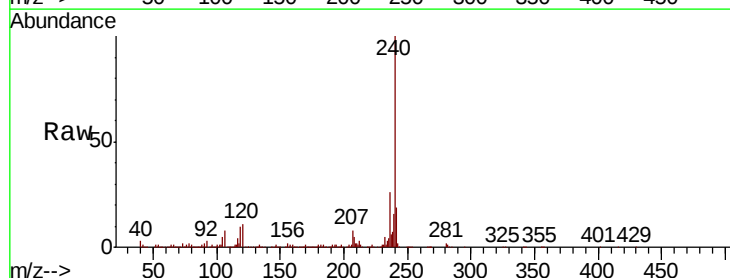
Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 966238
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 12.2 9.8 14.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM019264.D
Acq: 20 Mar 2019 16:31

Tgt Ion:240 Resp: 798360
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 106.364 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019264.D

Acq: 20 Mar 2019 16:31

Instrument :

BNA_M

ClientSampled :

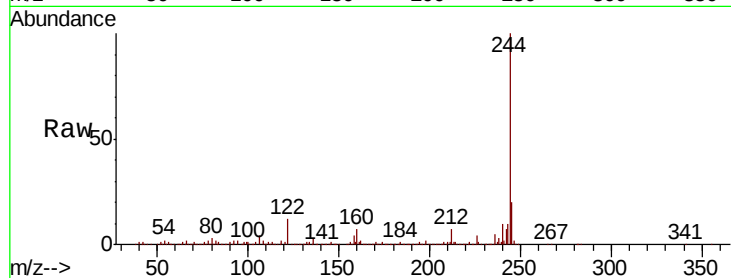
Tot Ion:244 Resp: 4277471

Ion Ratio Lower Upper

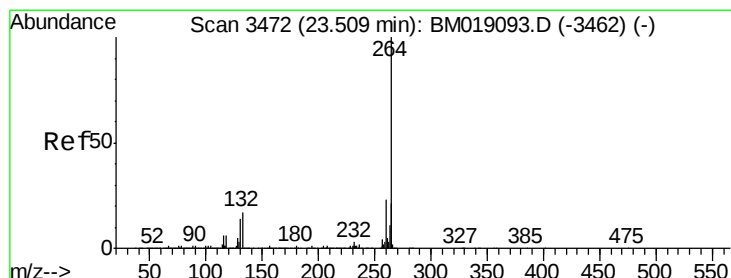
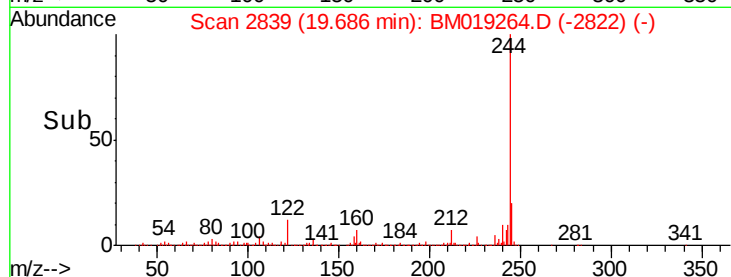
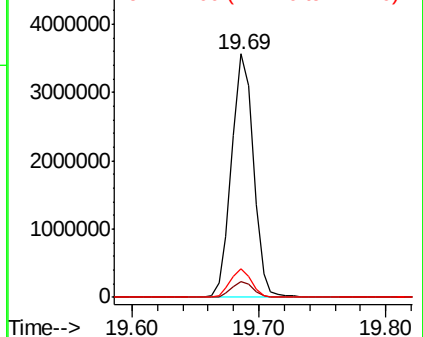
244 100

212 6.7 5.4 8.2

122 11.6 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: BM019264.D

Acq: 20 Mar 2019 16:31

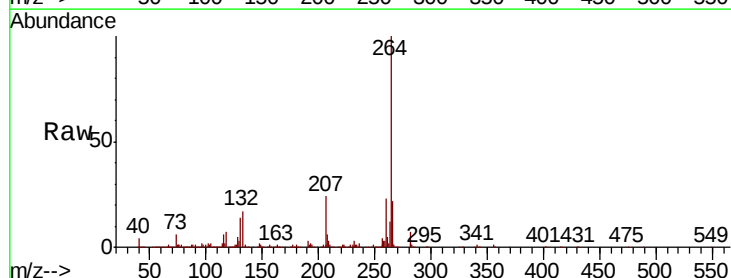
Tgt Ion:264 Resp: 738789

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.1 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

