

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019039.D
 Acq On : 05 Mar 2019 16:36
 Operator : JU/SJ
 Sample : PB117506BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BL

Quant Time: Mar 06 06:08:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	205327	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	747658	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	369323	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	721286	20.00	ng	0.00
76) Chrysene-d12	21.29	240	696416	20.00	ng	0.00
87) Perylene-d12	23.53	264	763327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1066015	85.07	ng	0.00
7) Phenol-d6	6.85	99	1379235	78.13	ng	0.00
23) Nitrobenzene-d5	8.85	82	862356	53.33	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	381047	71.58	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	1632595	58.68	ng	-0.01
79) Terphenyl-d14	19.72	244	1968492	58.31	ng	0.00

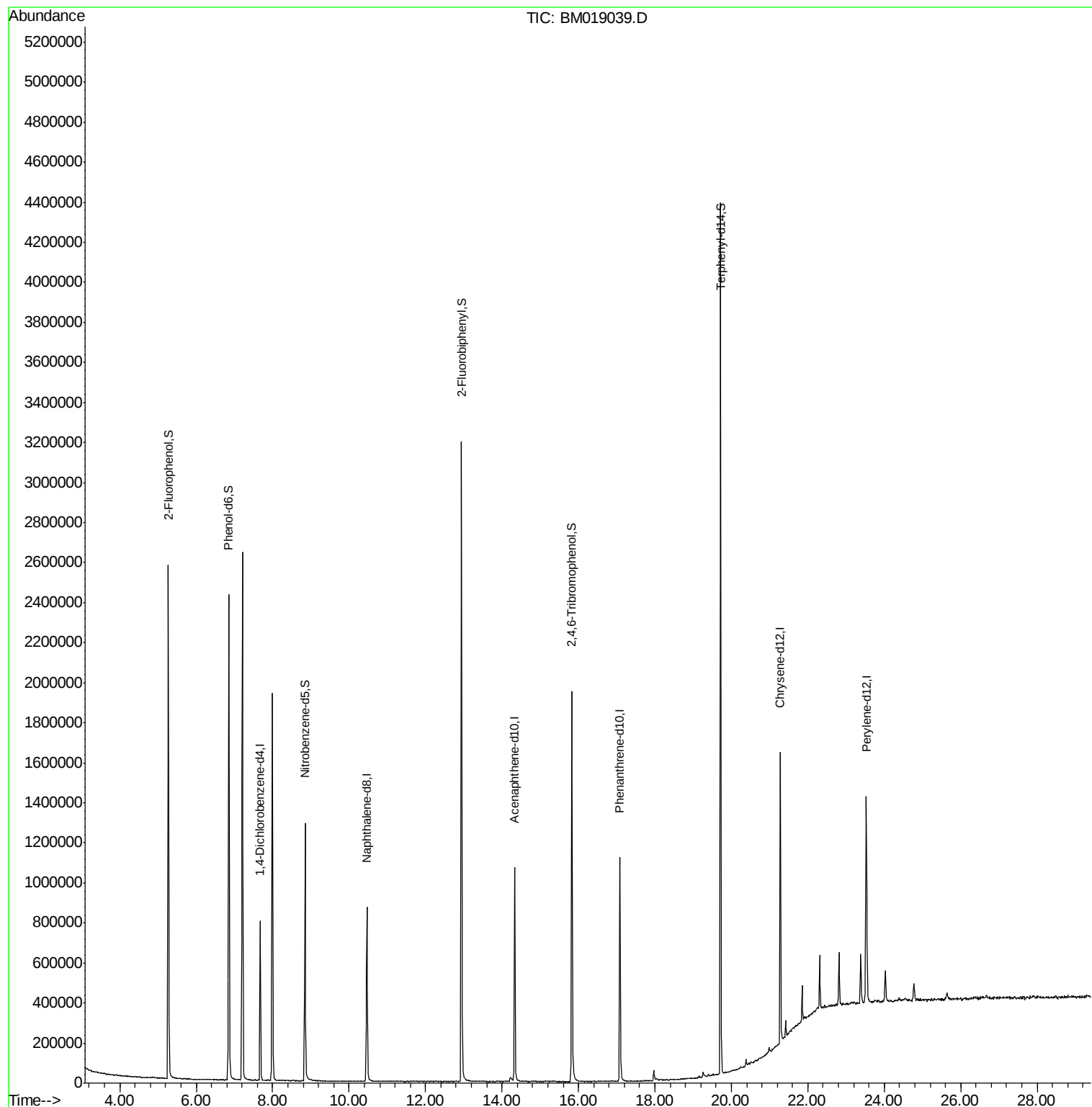
Target Compounds Qvalue

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

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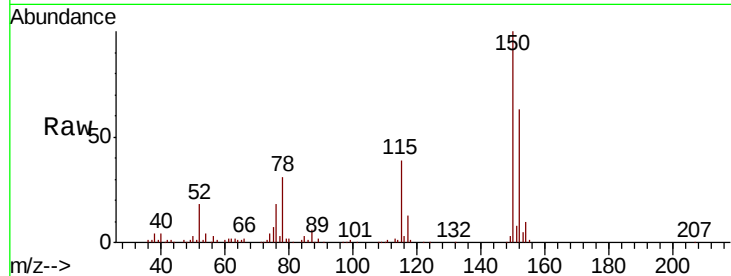


#1

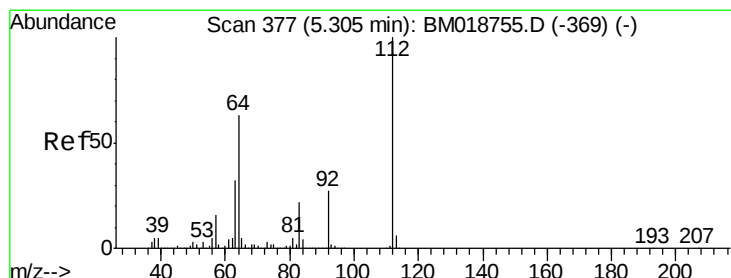
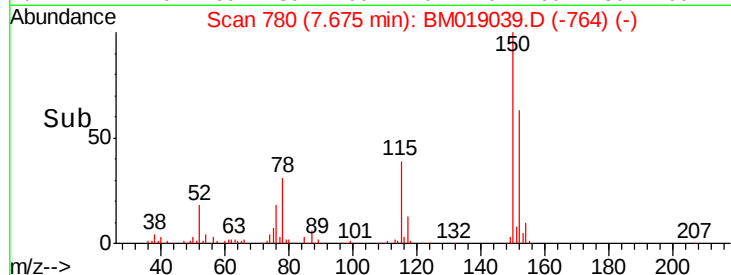
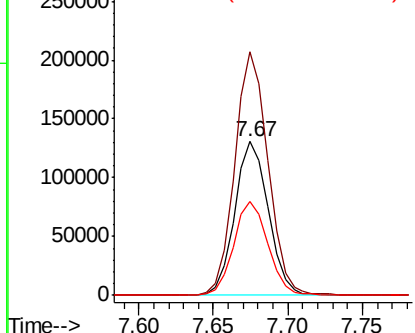
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampled :
PB117506BL

Tot Ion:152 Resp: 205327
Ion Ratio Lower Upper
152 100
150 158.6 127.3 190.9
115 61.3 50.8 76.2



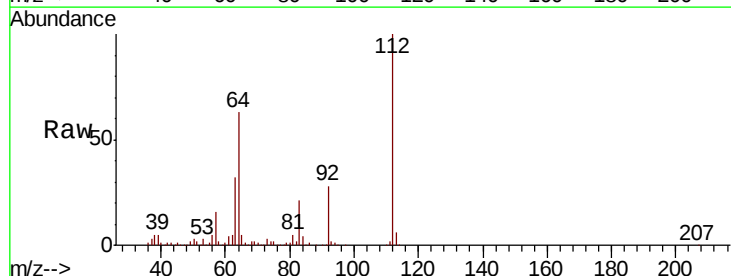
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



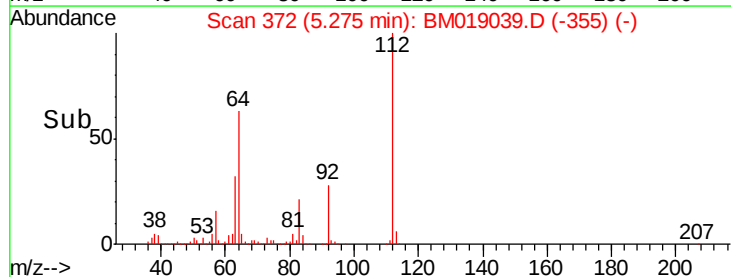
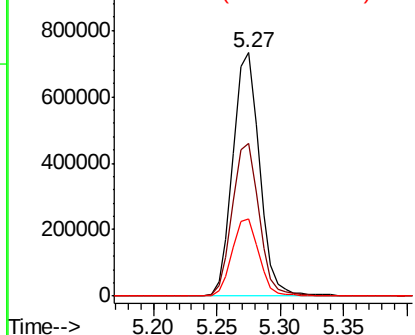
#5

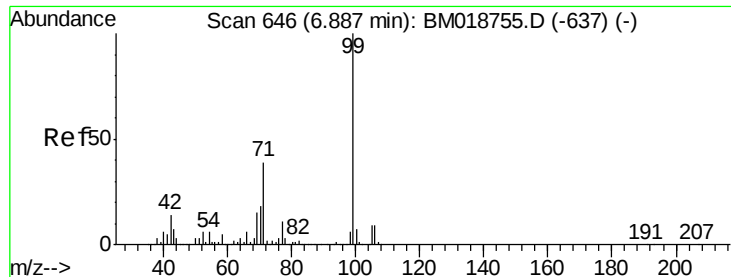
2-Fluorophenol
Concen: 85.066 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:112 Resp: 1066015
Ion Ratio Lower Upper
112 100
64 62.6 50.6 75.8
63 31.9 25.7 38.5



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: 78.126 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

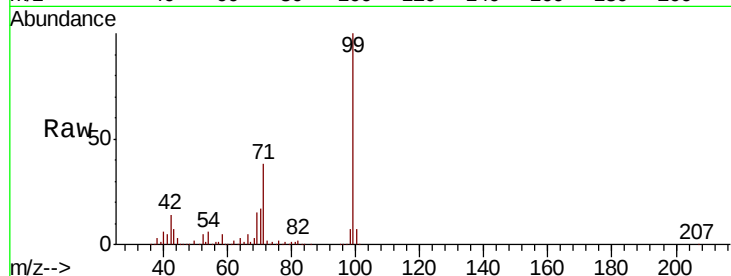
Tot Ion: 99 Resp: 1379235

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

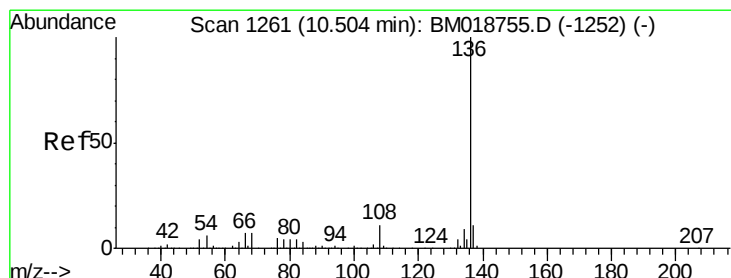
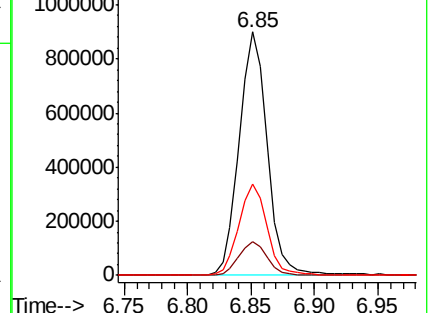
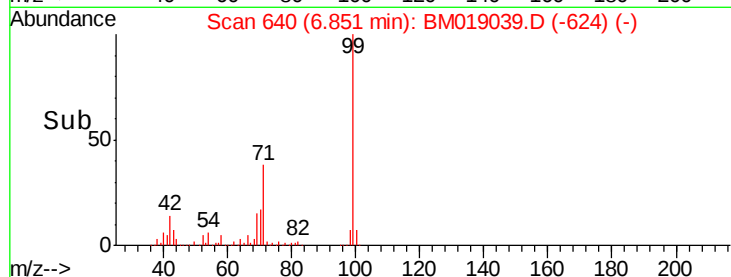
71 37.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Tgt Ion: 136 Resp: 747658

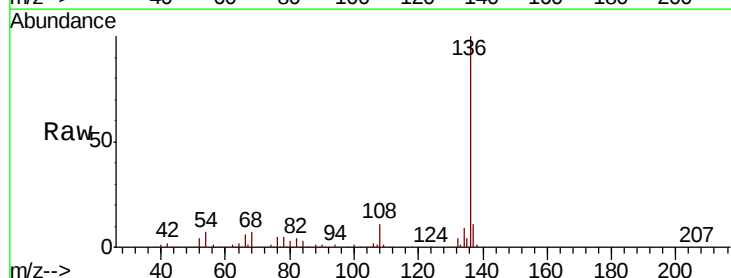
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.8 5.0 7.6

68 7.4 5.5 8.3

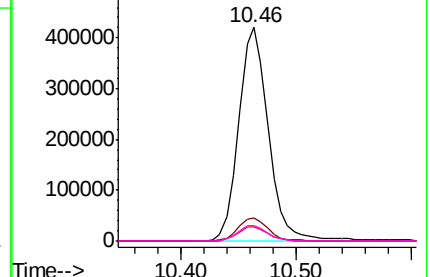
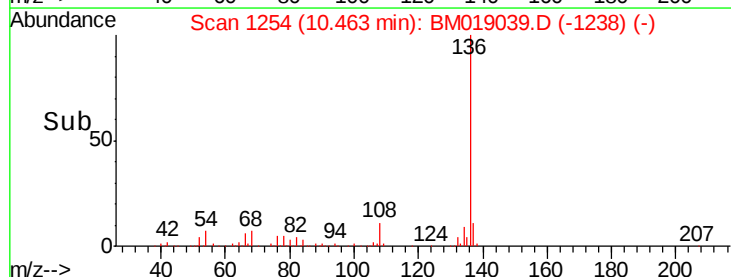


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

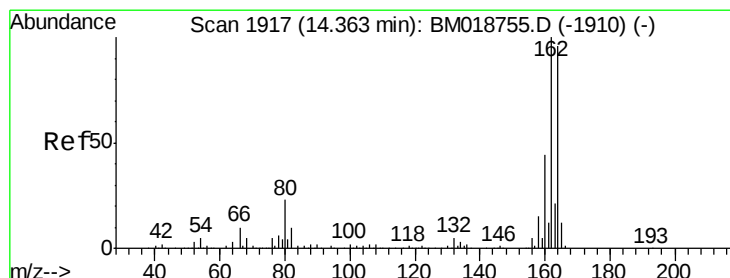
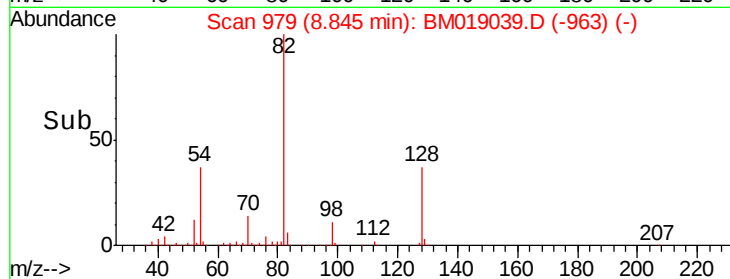
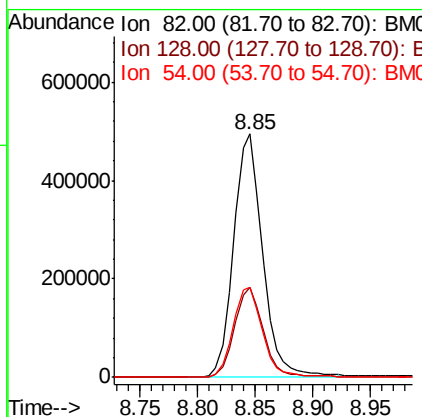
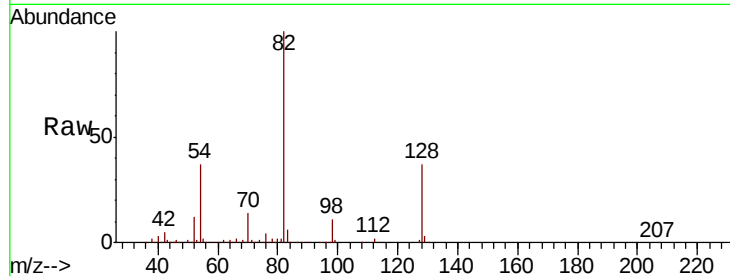




#23
Nitrobenzene-d5
Concen: 53.332 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

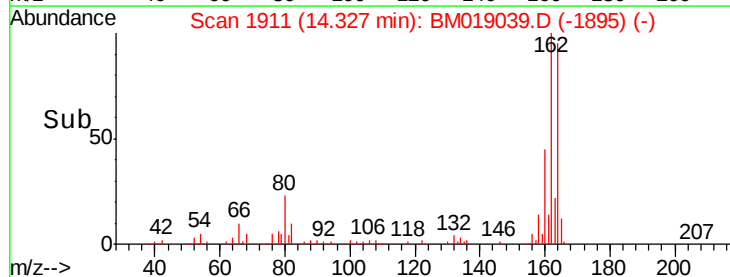
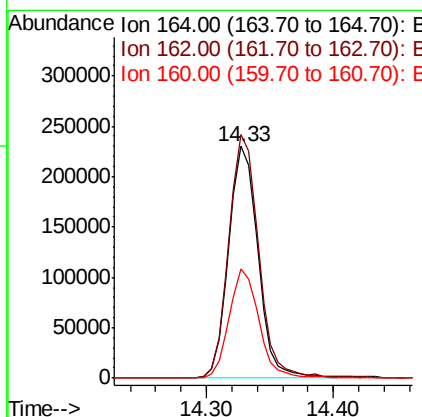
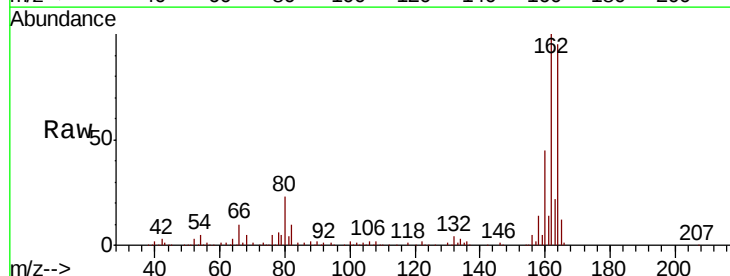
Instrument :
BNA_M
ClientSampleId :
PB117506BL

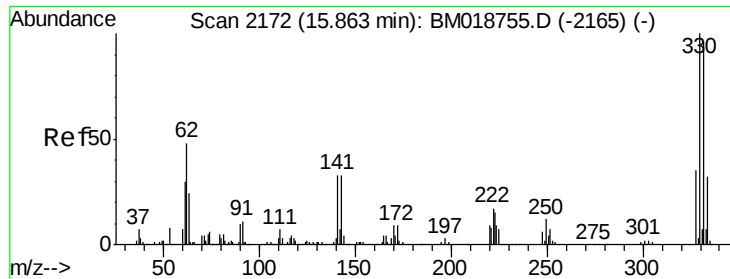
Tot Ion	82	Resp	862356
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.9	44.9
54	37.0	29.1	43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion	164	Resp	369323
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.4	125.0
160	47.2	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 71.576 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

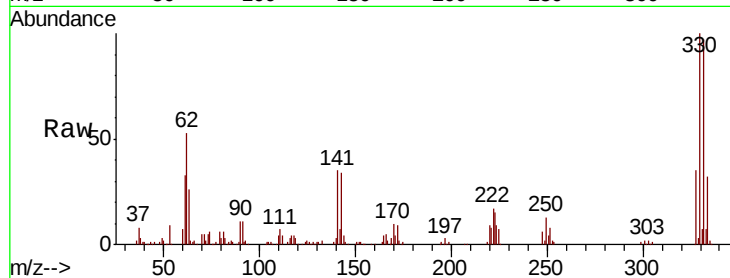
Tot Ion:330 Resp: 381047

Ion Ratio Lower Upper

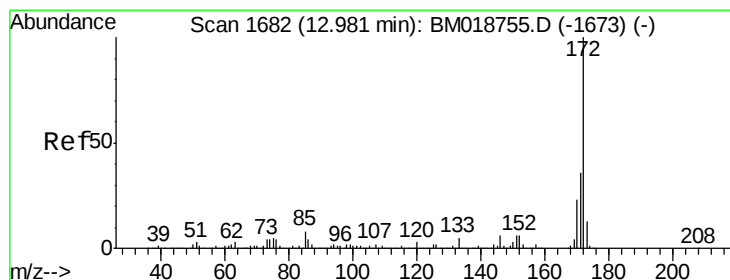
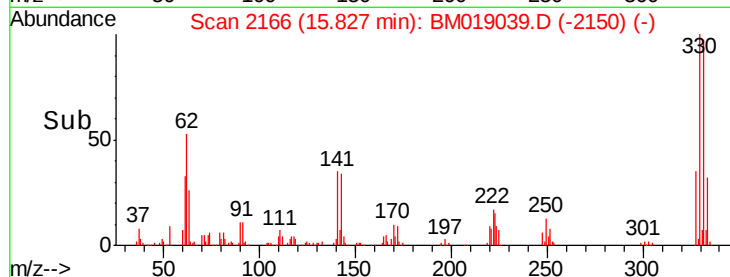
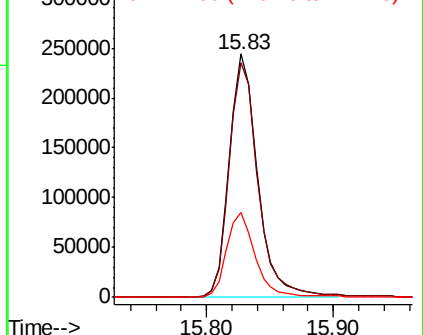
330 100

332 97.5 76.9 115.3

141 35.1 28.7 43.1



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: 58.681 ng

RT: 12.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

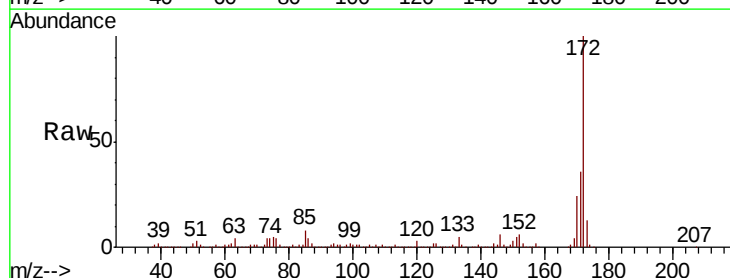
Tgt Ion:172 Resp: 1632595

Ion Ratio Lower Upper

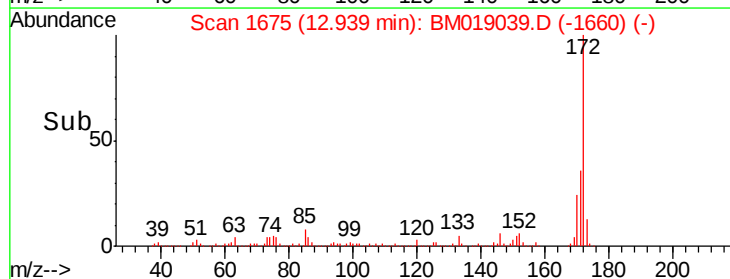
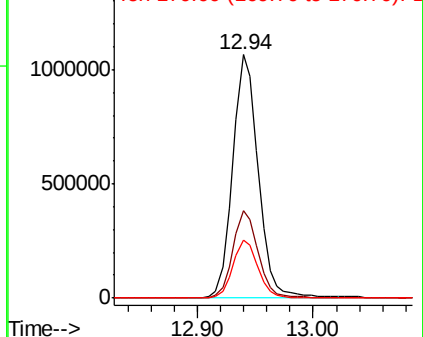
172 100

171 36.0 29.0 43.6

170 23.8 18.6 28.0



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: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

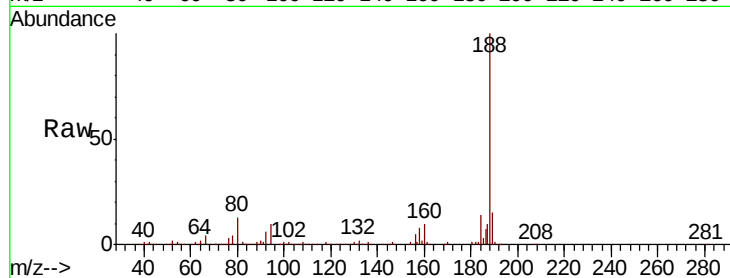
Tot Ion:188 Resp: 721286

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

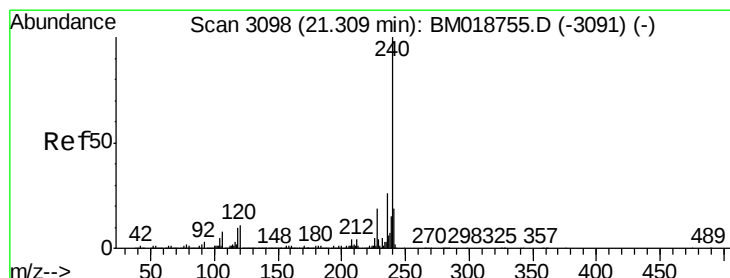
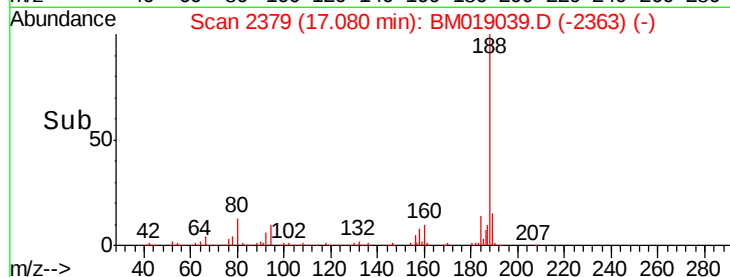
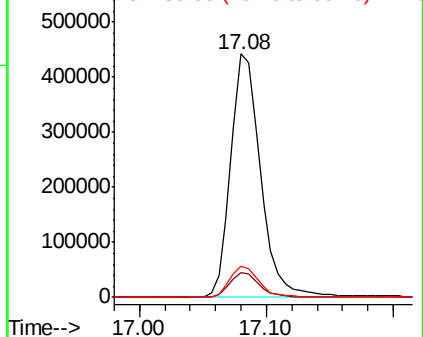
80 12.7 9.7 14.5



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: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

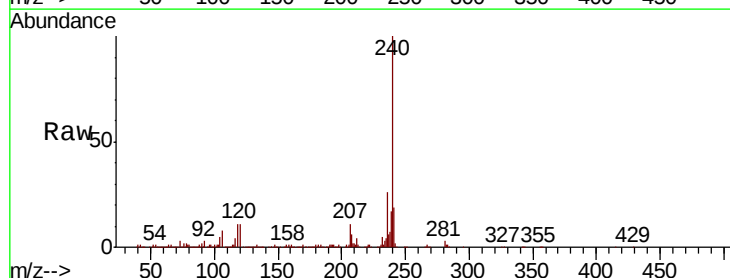
Tgt Ion:240 Resp: 696416

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

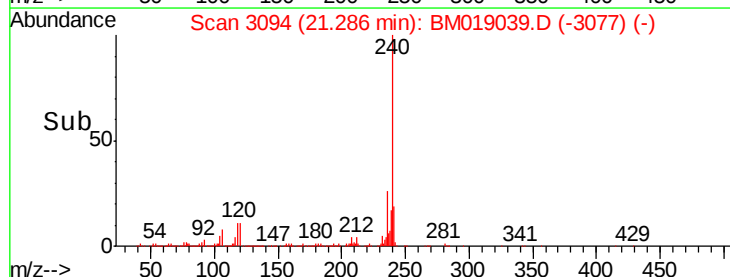
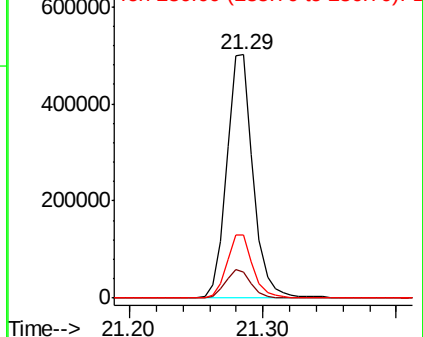
236 26.0 20.9 31.3

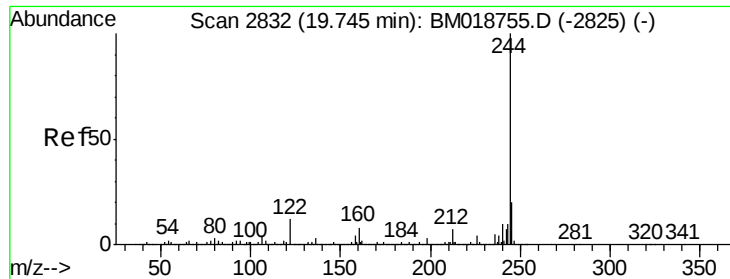


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.310 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

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ClientSampleId :

PB117506BL

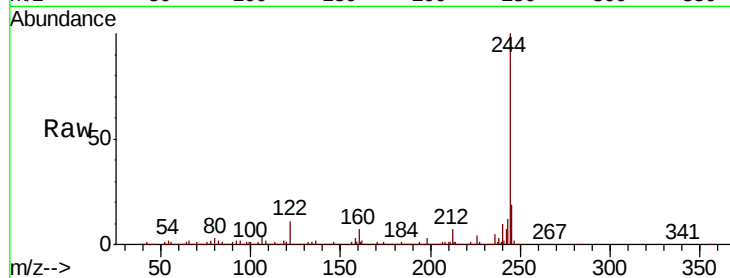
Tot Ion:244 Resp: 1968492

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

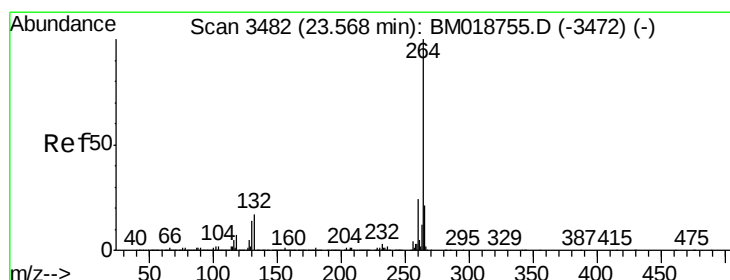
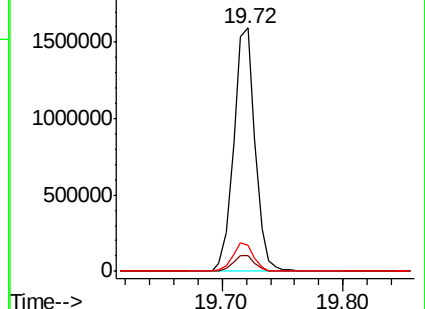
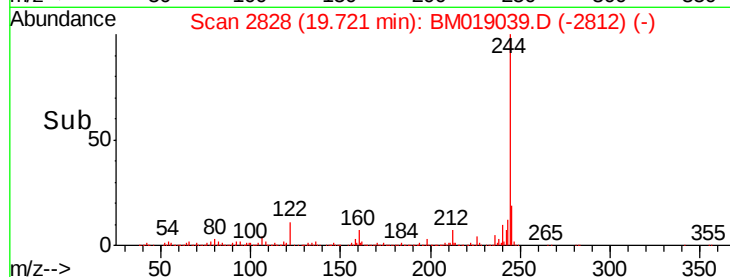
122 10.6 9.3 13.9



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: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

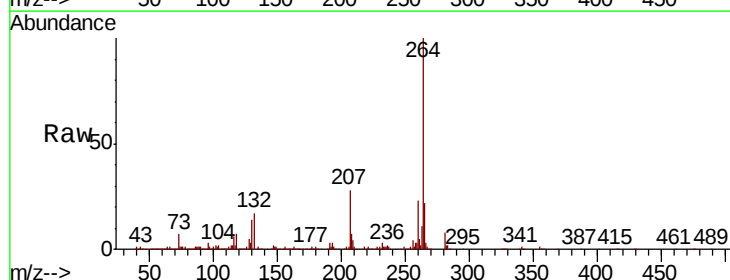
Tgt Ion:264 Resp: 763327

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.9 17.3 25.9



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

