

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
 Data File : BM019917.D
 Acq On : 15 Apr 2019 17:22
 Operator : JU/SJ
 Sample : PB118273BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118273BL

Quant Time: Apr 16 03:27:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	125647	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	474060	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	287069	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	635186	20.00	ng	0.00
76) Chrysene-d12	21.18	240	636260	20.00	ng	0.00
87) Perylene-d12	23.38	264	626141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1069954	138.01	ng	0.00
7) Phenol-d6	6.73	99	1461221	125.23	ng	0.00
23) Nitrobenzene-d5	8.70	82	871449	82.21	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	585146	126.63	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1908420	82.85	ng	0.00
79) Terphenyl-d14	19.61	244	3103963	86.05	ng	0.00

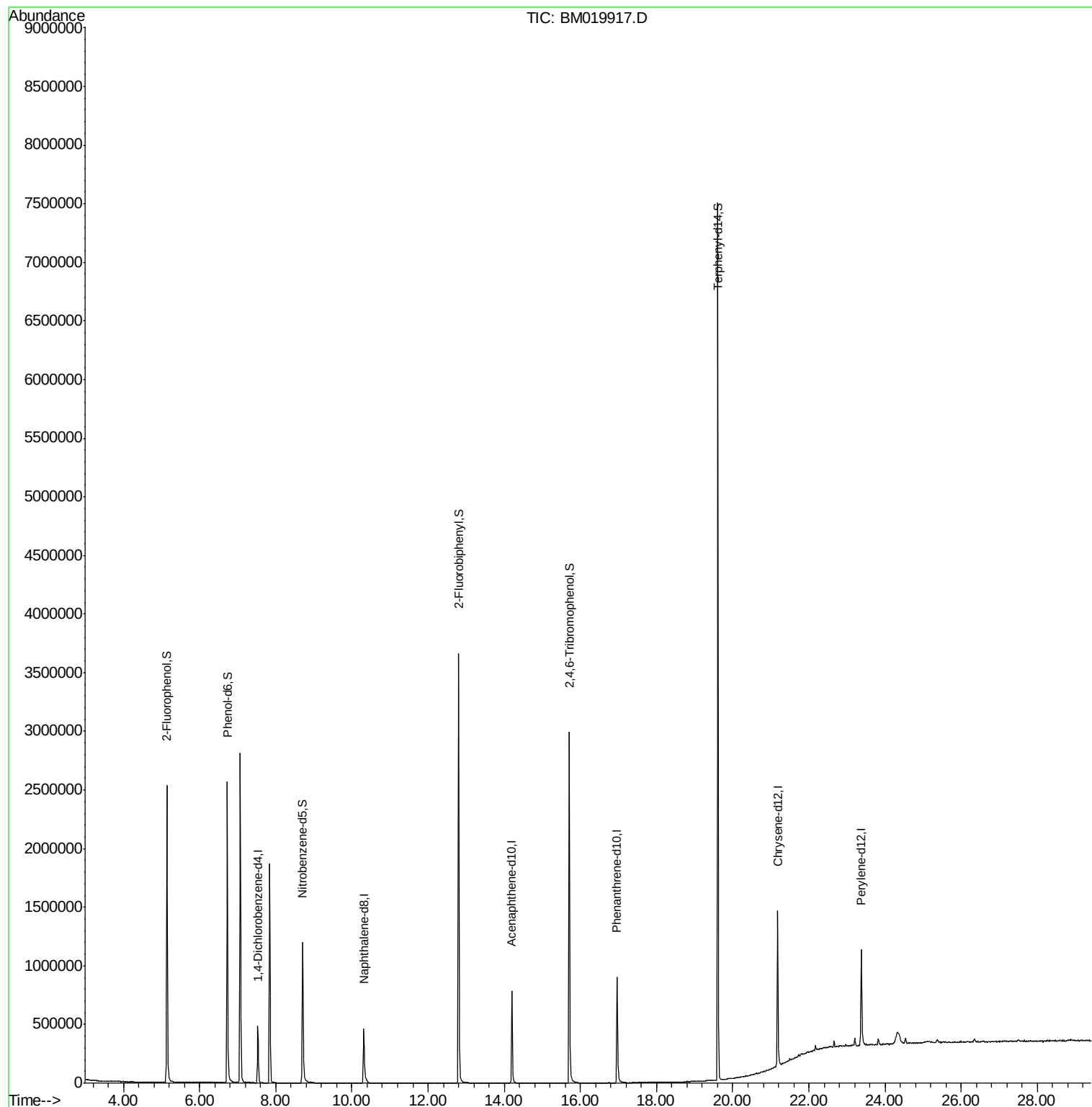
Target Compounds	Qvalue
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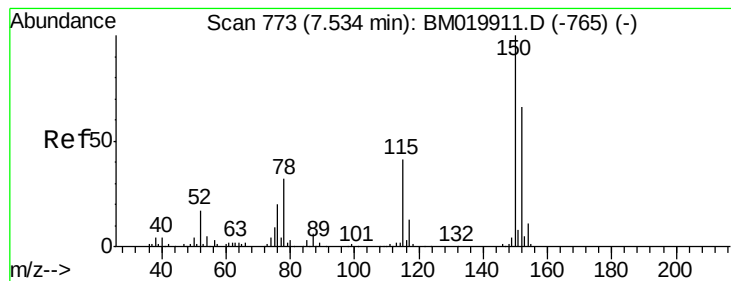
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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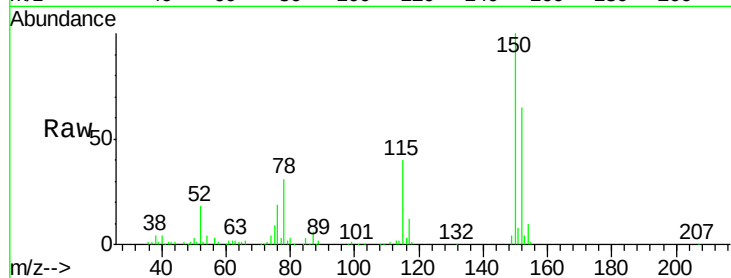


#1

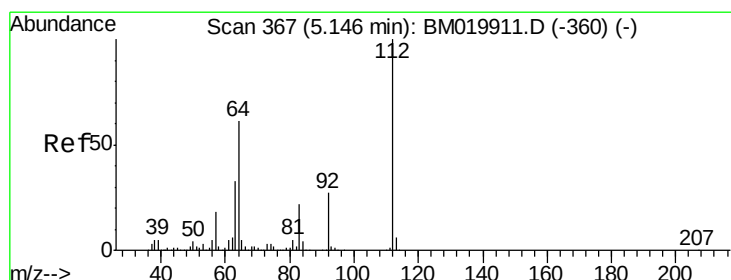
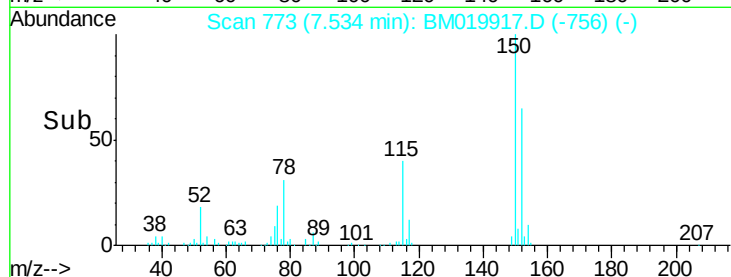
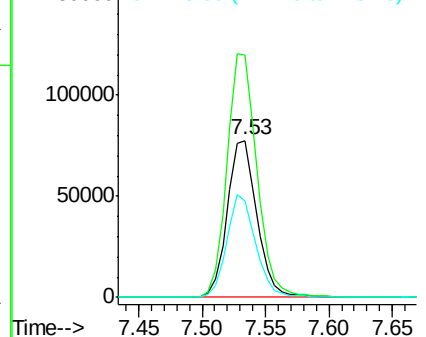
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 773
Delta R.T. 0.00 min
Lab File: BM019917.D
Acq: 15 Apr 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB118273BL

Tgt Ion:152 Resp: 125647
Ion Ratio Lower Upper
152 100
150 154.5 122.1 183.1
115 61.5 50.0 75.0



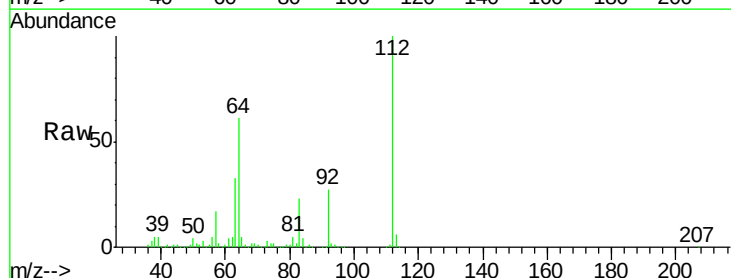
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



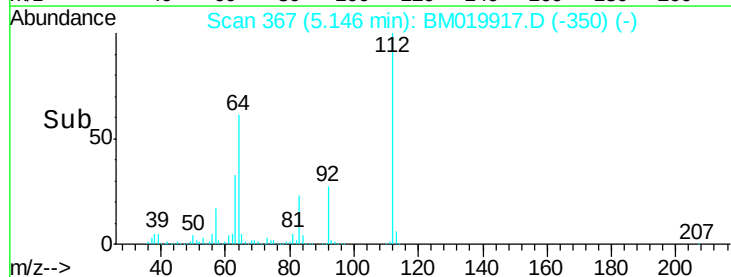
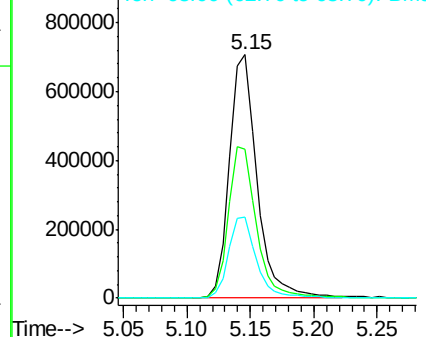
#5

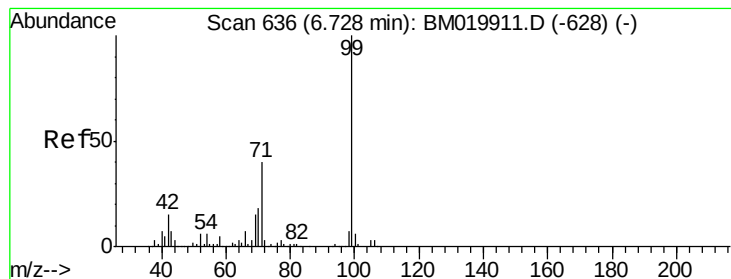
2-Fluorophenol
Concen: 138.007 ng
RT: 5.15 min Scan# 367
Delta R.T. 0.00 min
Lab File: BM019917.D
Acq: 15 Apr 2019 17:22

Tgt Ion:112 Resp: 1069954
Ion Ratio Lower Upper
112 100
64 61.2 49.1 73.7
63 33.2 26.5 39.7



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: 125.234 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM019917.D

Acq: 15 Apr 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB118273BL

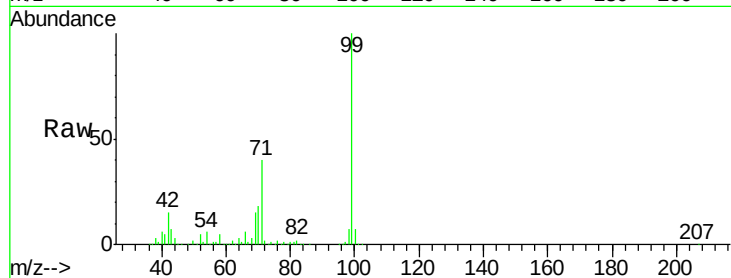
Tgt Ion: 99 Resp: 1461221

Ion Ratio Lower Upper

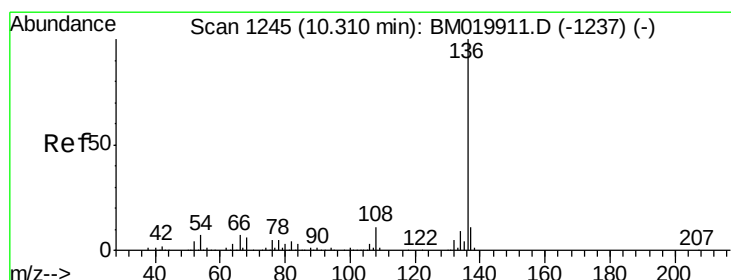
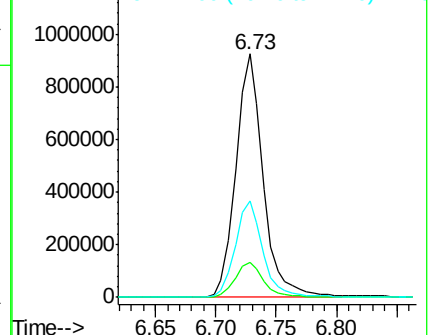
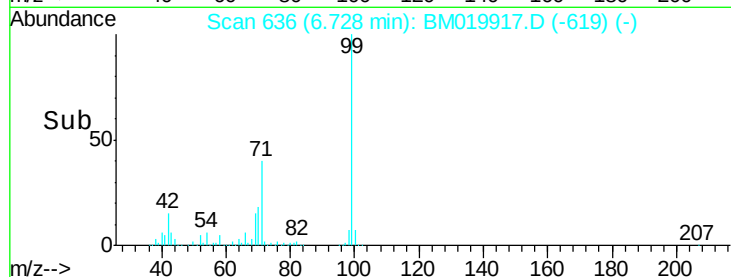
99 100

42 14.5 11.8 17.8

71 39.7 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019917.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BM019917.D

Acq: 15 Apr 2019 17:22

Tgt Ion: 136 Resp: 474060

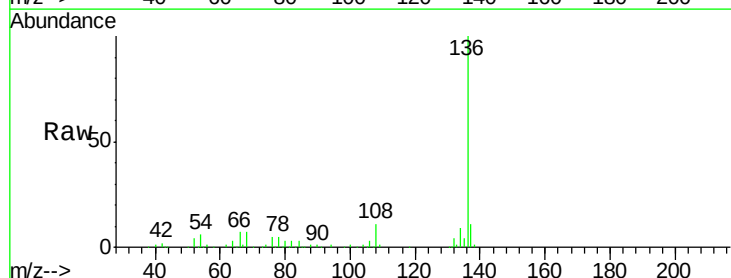
Ion Ratio Lower Upper

136 100

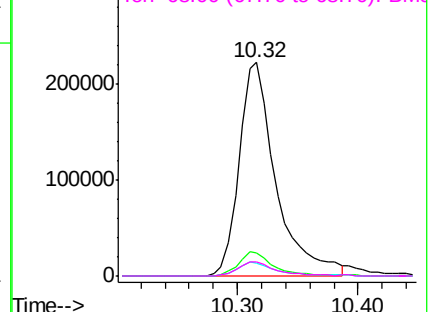
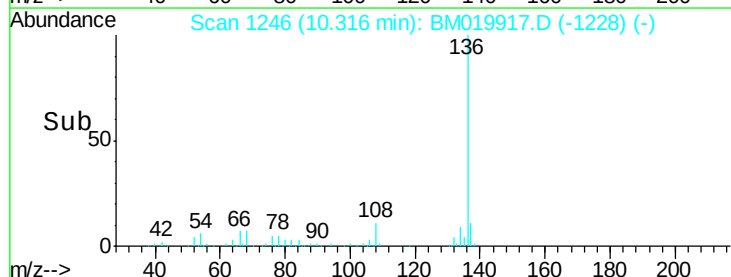
137 10.8 9.0 13.6

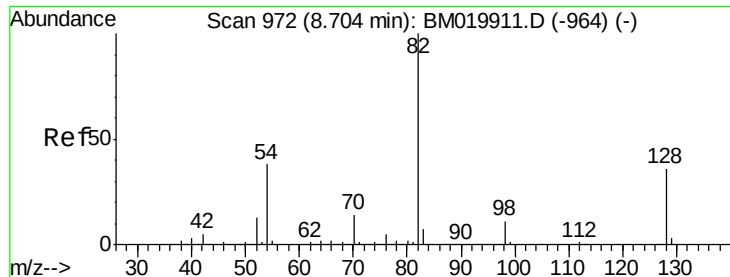
54 6.2 5.3 7.9

68 6.8 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM019917.D (-1228) (-)

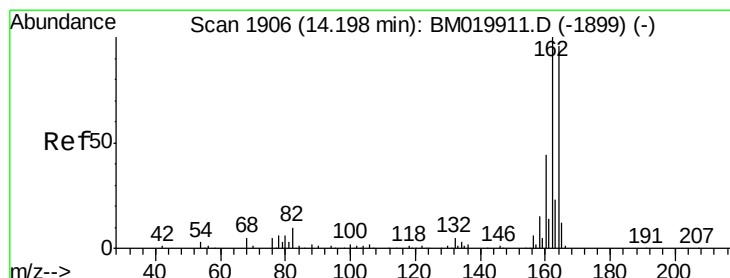
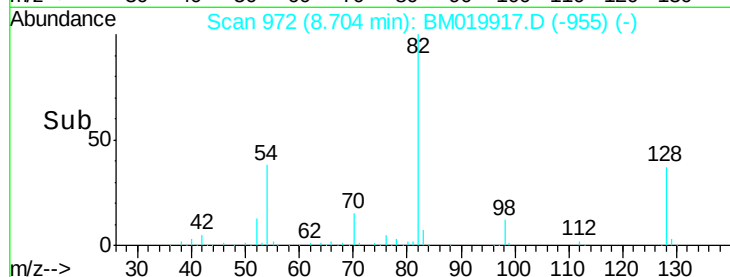
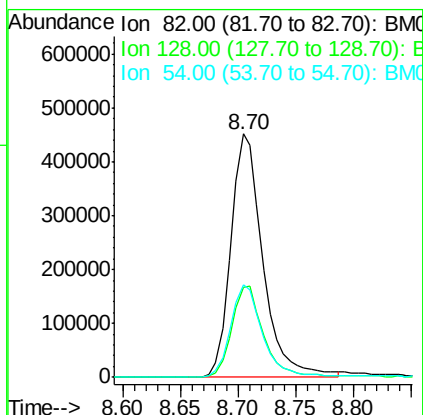
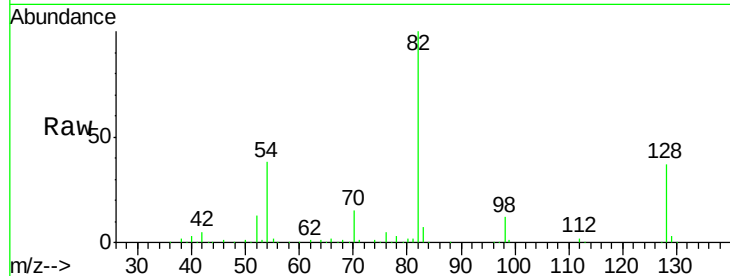




#23
 Nitrobenzene-d5
 Concen: 82.209 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM019917.D
 Acq: 15 Apr 2019 17:22

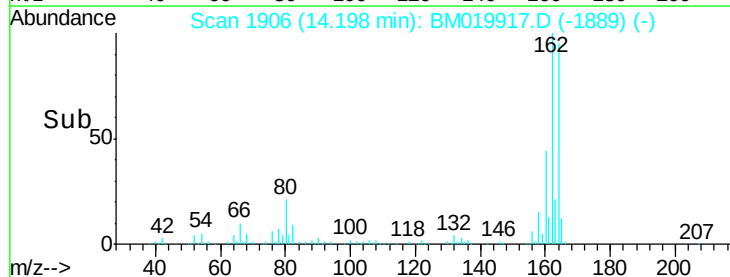
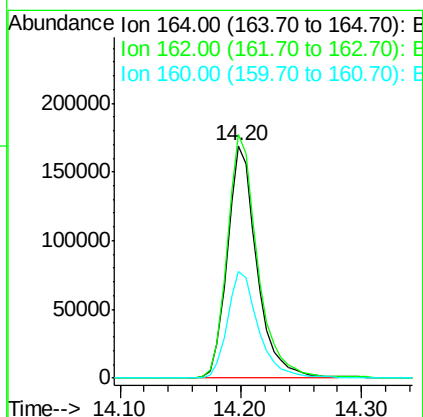
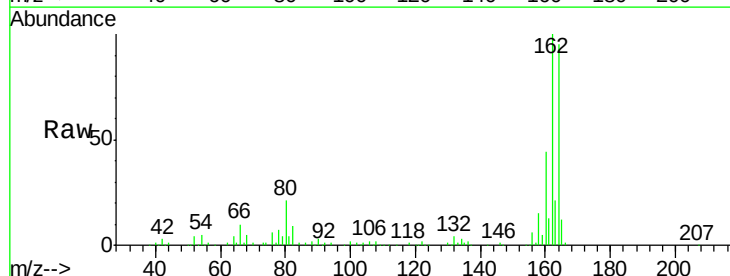
Instrument :
 BNA_M
 ClientSampleId :
 PB118273BL

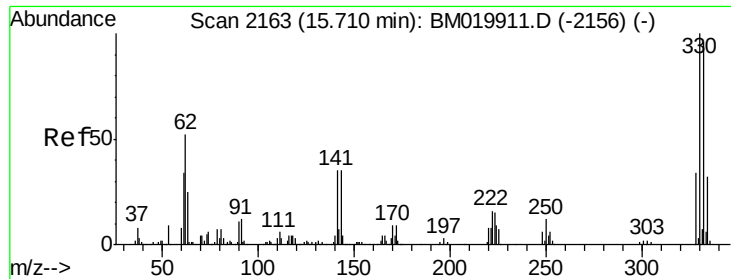
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.0	43.4
54	38.0	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM019917.D
 Acq: 15 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	45.7	36.6	55.0

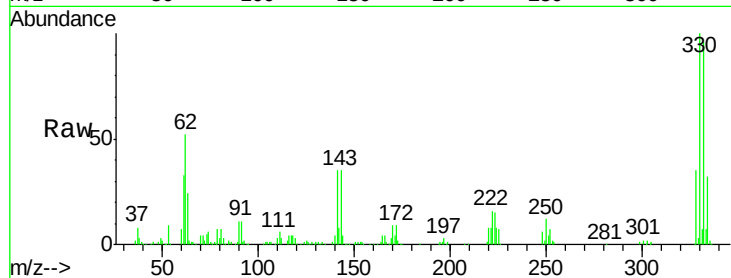




#42
 2,4,6-Tribromophenol
 Concen: 126.627 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BM019917.D
 Acq: 15 Apr 2019 17:22

Instrument :
 BNA_M
 ClientSampleId :
 PB118273BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	36.2	29.0	43.4

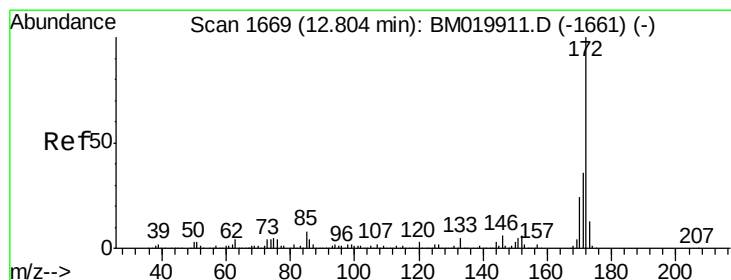
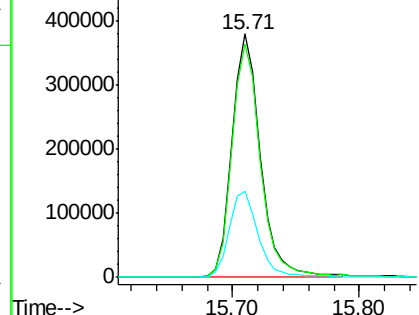
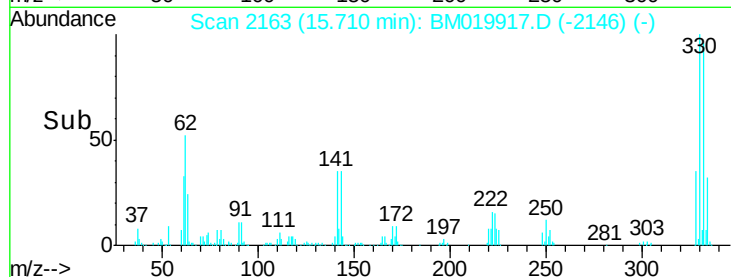


Abundance

Ion 329.80 (329.50 to 330.50): E

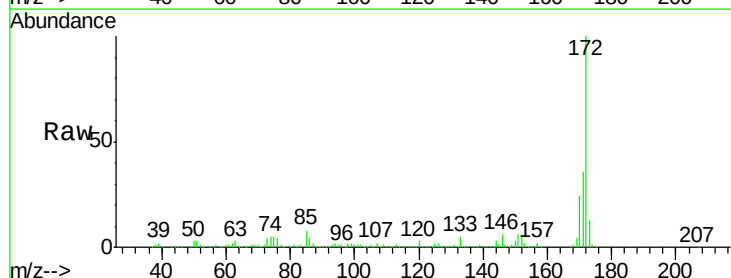
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.849 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BM019917.D
 Acq: 15 Apr 2019 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.8	19.0	28.4

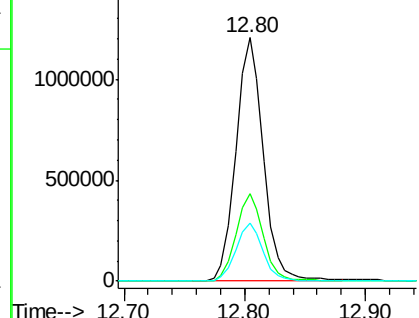
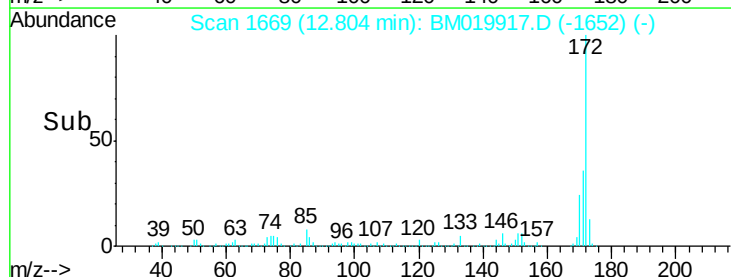


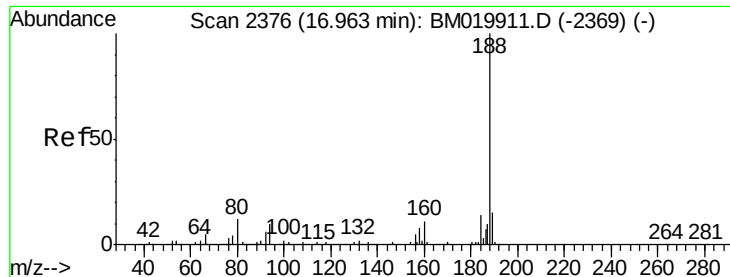
Abundance

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: 16.96 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM019917.D

Acq: 15 Apr 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB118273BL

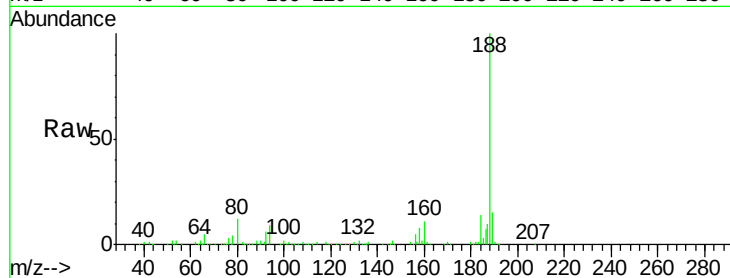
Tgt Ion:188 Resp: 635186

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

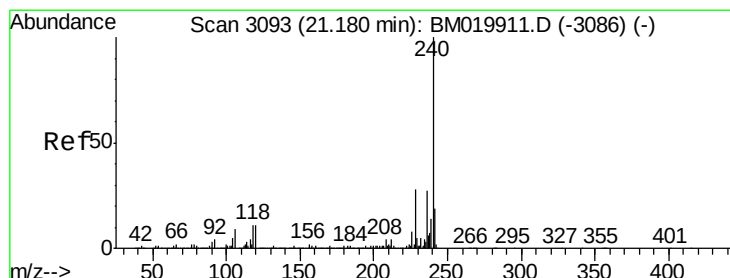
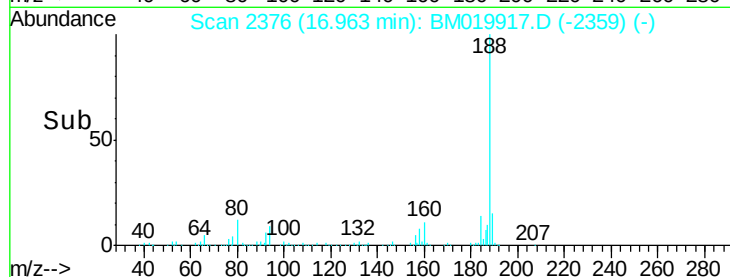
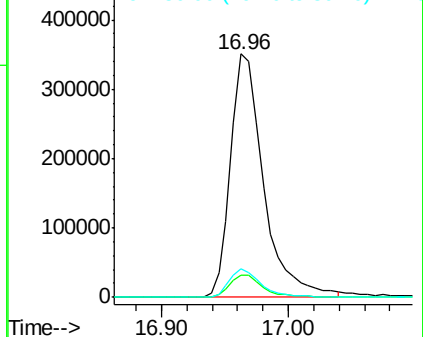
80 11.8 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM019917.D

Acq: 15 Apr 2019 17:22

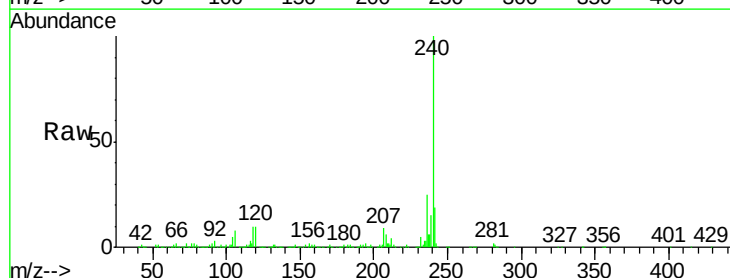
Tgt Ion:240 Resp: 636260

Ion Ratio Lower Upper

240 100

120 10.1 8.6 13.0

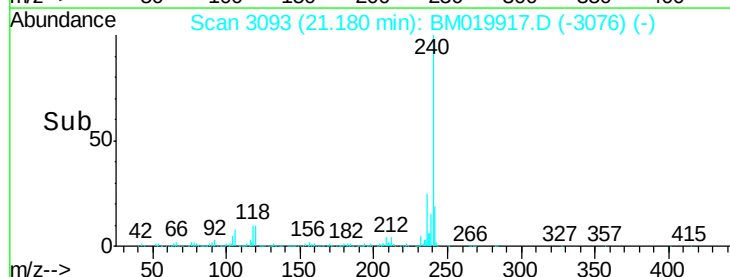
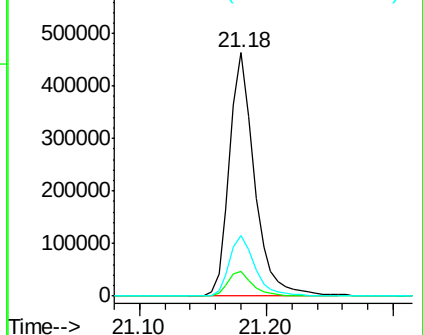
236 24.9 21.4 32.2

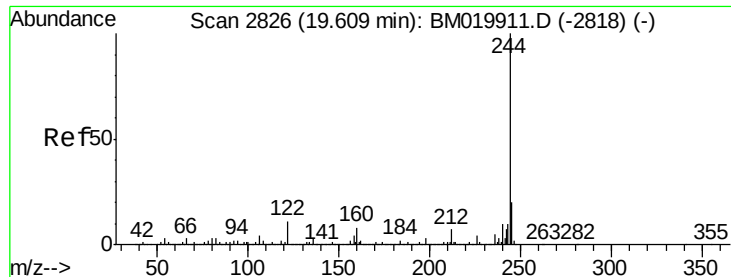


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.047 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019917.D

Acq: 15 Apr 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB118273BL

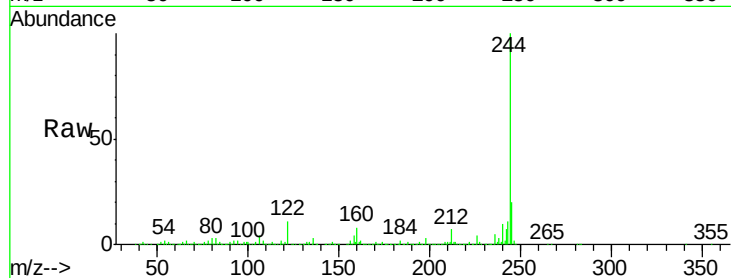
Tgt Ion:244 Resp: 3103963

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

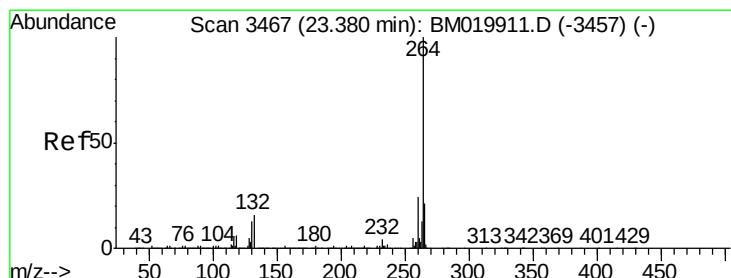
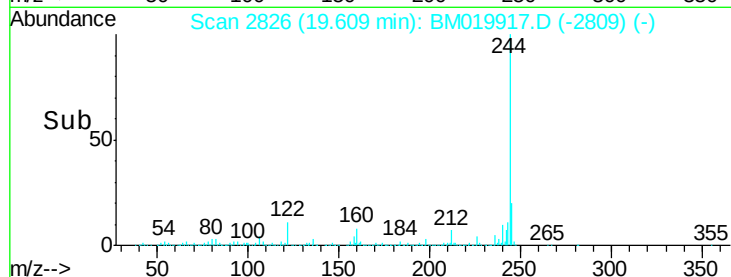
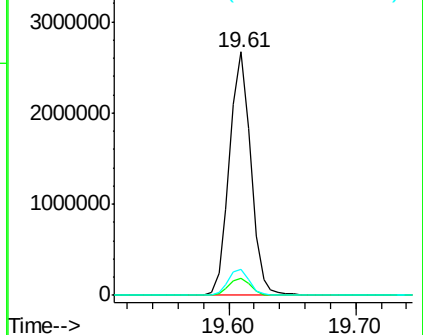
122 10.6 9.1 13.7



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: 23.38 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM019917.D

Acq: 15 Apr 2019 17:22

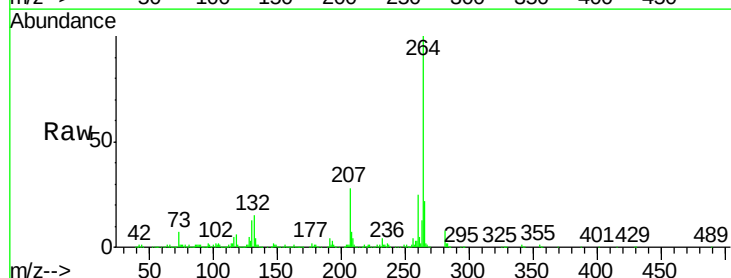
Tgt Ion:264 Resp: 626141

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.2 17.2 25.8



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

