

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018518.D
 Acq On : 10 Jan 2019 20:53
 Operator : JU/SJ
 Sample : K1082-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-5

Quant Time: Jan 11 03:49:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	381590	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1551193	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	955156	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2444693	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2838019	20.00	ng	0.00
87) Perylene-d12	23.64	264	2974139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2837678	137.31	ng	0.00
7) Phenol-d6	6.94	99	3338438	127.19	ng	0.00
23) Nitrobenzene-d5	8.93	82	2510564	93.82	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2093451	172.13	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	6670740	91.13	ng	0.00
79) Terphenyl-d14	19.79	244	12017670	89.27	ng	0.00

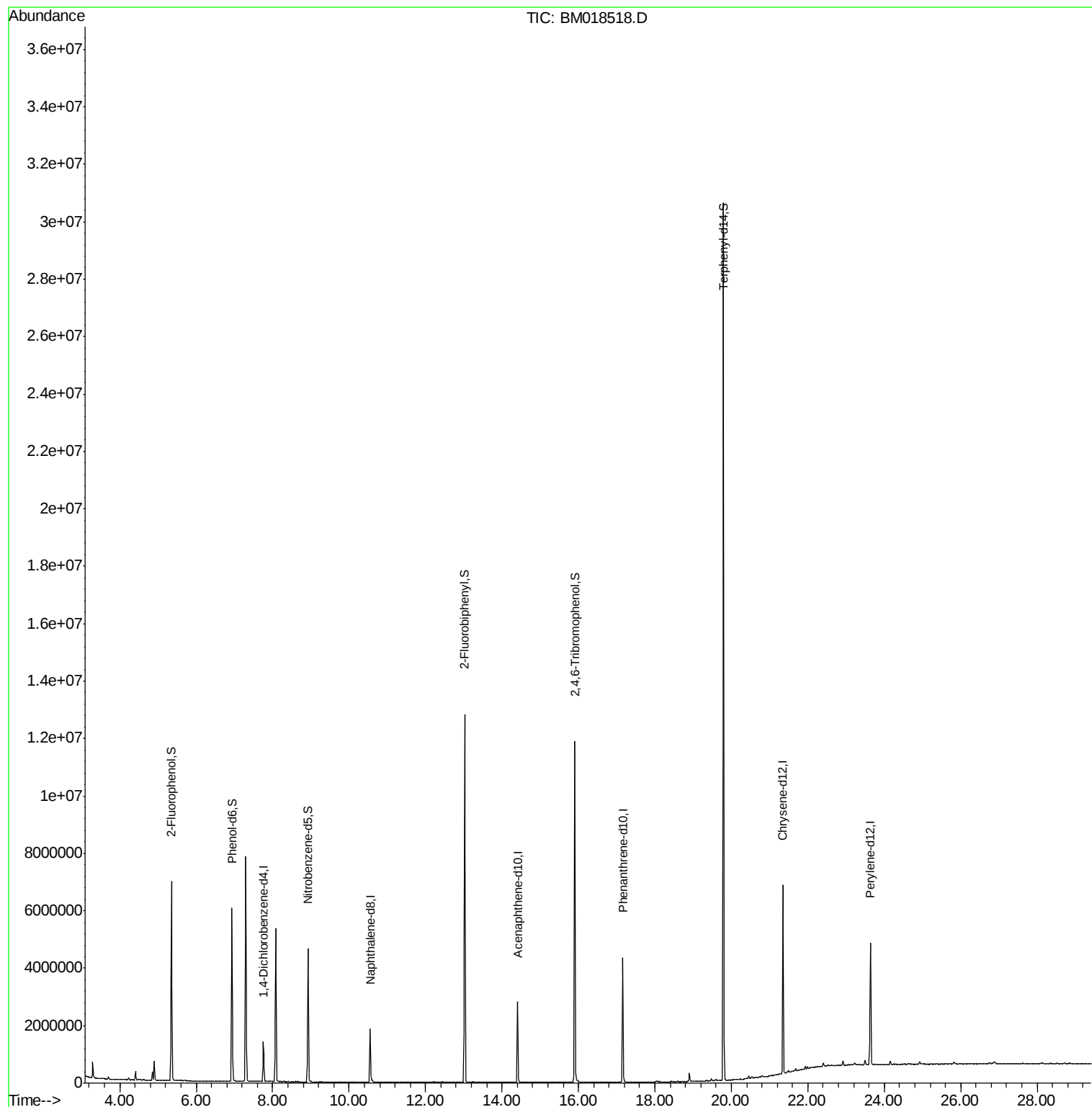
Target Compounds Qvalue

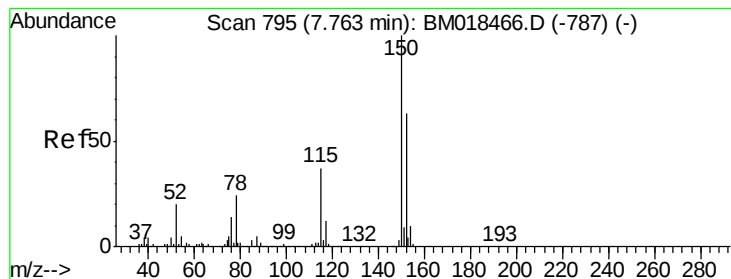
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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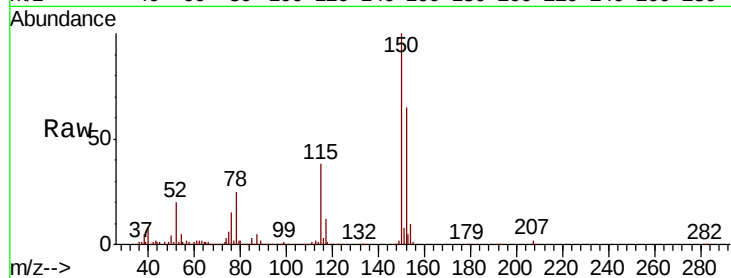


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018518.D
Acq: 10 Jan 2019 20:53

Instrument :
BNA_M
ClientSampled :
SP-1-5

Tot Ion	152	Resp	381590
Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	58.8	45.5	68.3

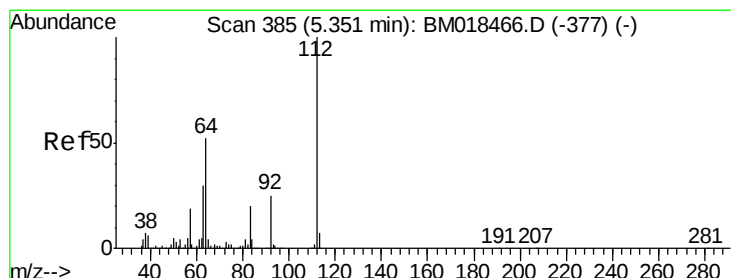
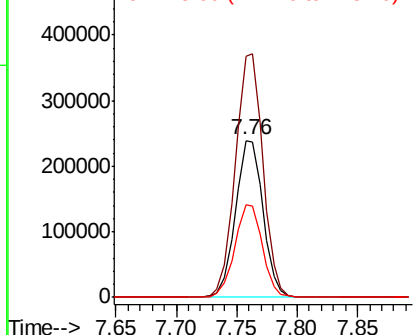
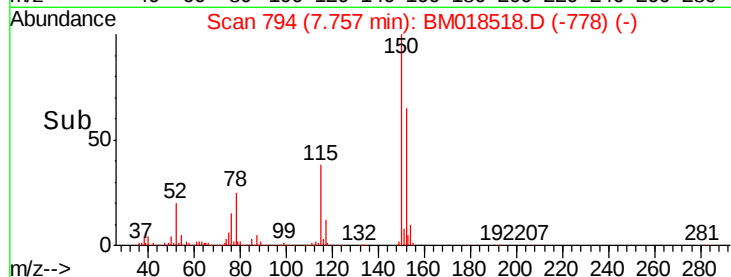


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

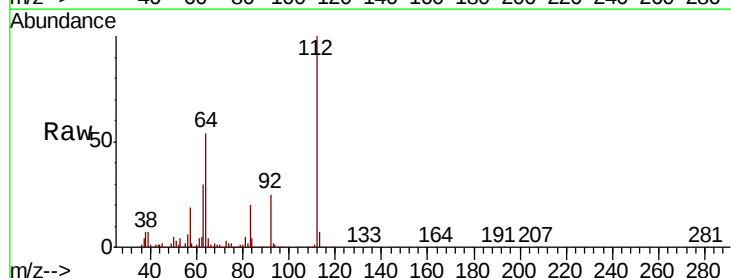
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.314 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018518.D
Acq: 10 Jan 2019 20:53

Tgt Ion	112	Resp	2837678
Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	29.5	25.2	37.8

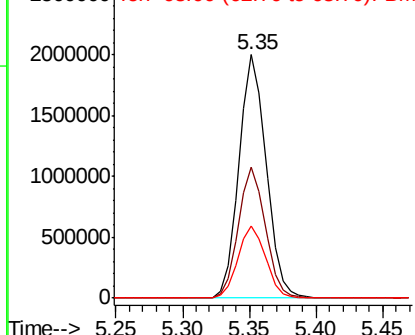
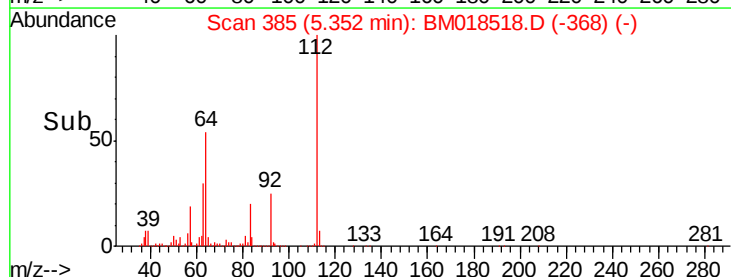


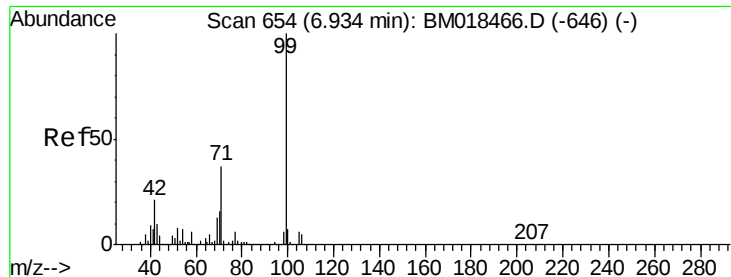
Abundance

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: 127.189 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018518.D

Acq: 10 Jan 2019 20:53

Instrument :

BNA_M

ClientSampleId :

SP-1-5

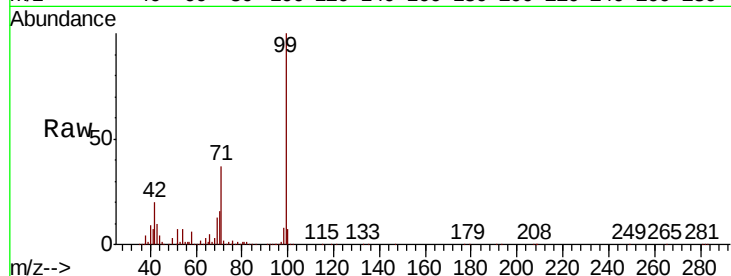
Tot Ion: 99 Resp: 3338438

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

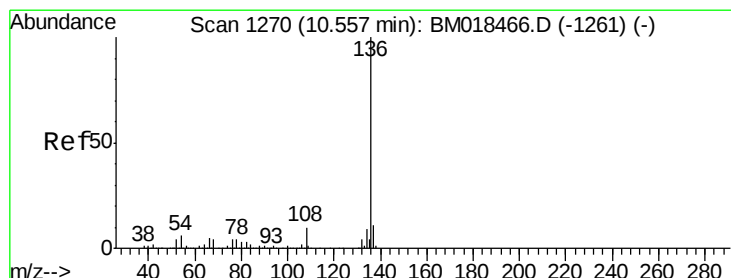
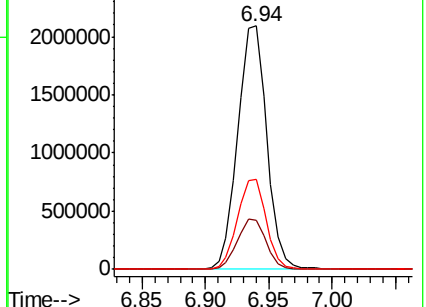
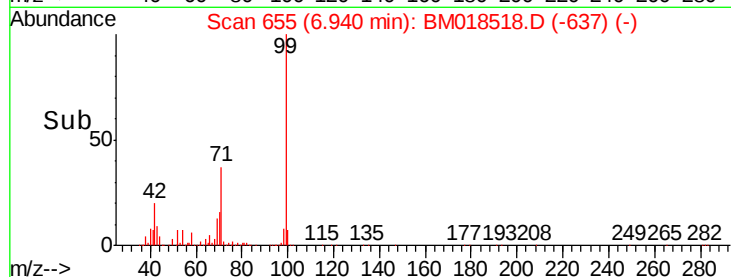
71 36.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018518.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018518.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018518.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018518.D

Acq: 10 Jan 2019 20:53

Tgt Ion: 136 Resp: 1551193

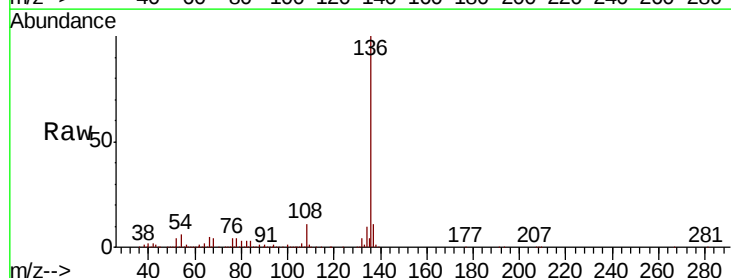
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.3 6.0 9.0

68 4.0 4.5 6.7#

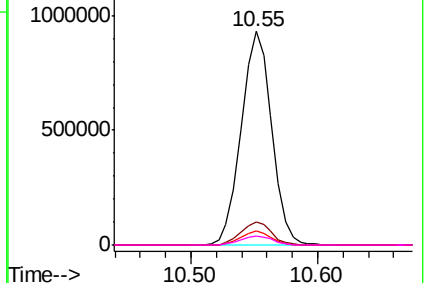
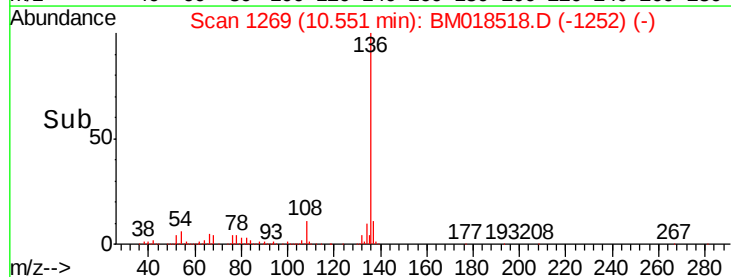


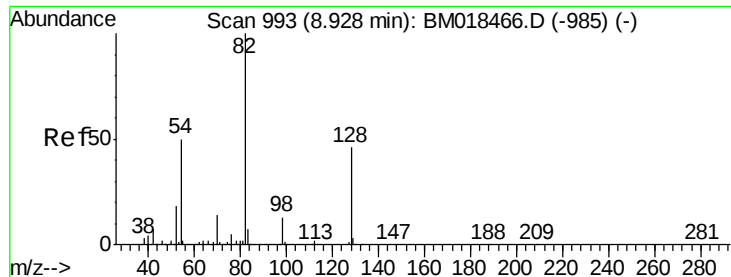
Abundance Ion 136.00 (135.70 to 136.70): BM018518.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018518.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018518.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018518.D (-1252) (-)

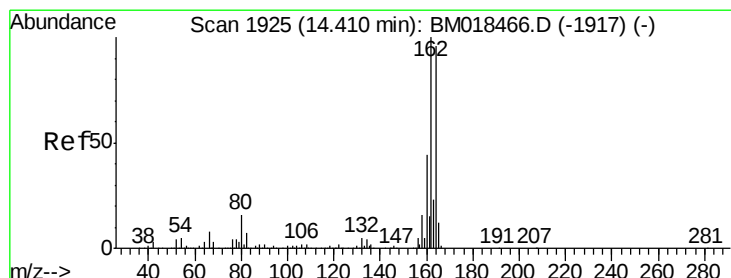
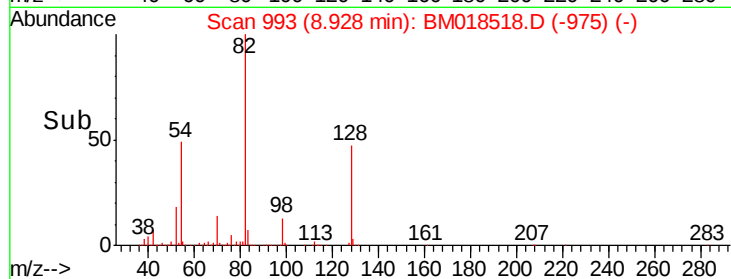
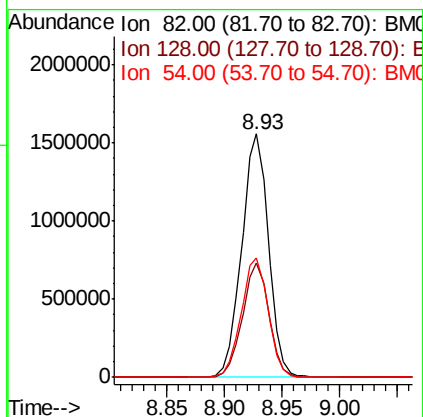
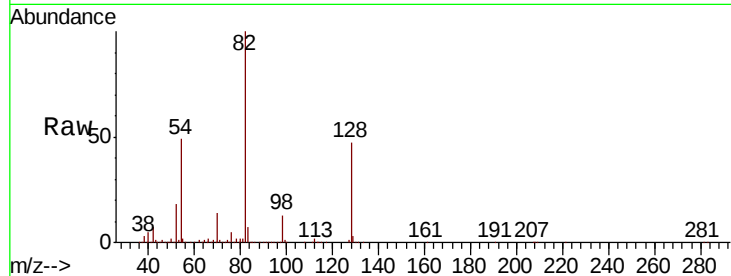




#23
 Nitrobenzene-d5
 Concen: 93.824 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018518.D
 Acq: 10 Jan 2019 20:53

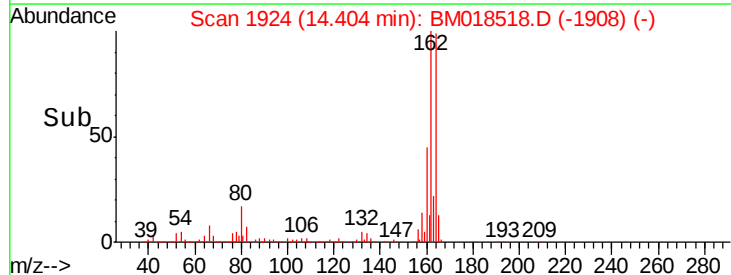
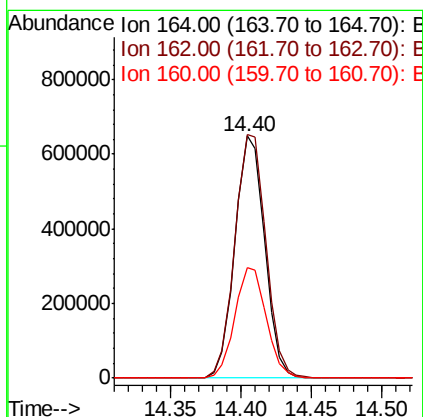
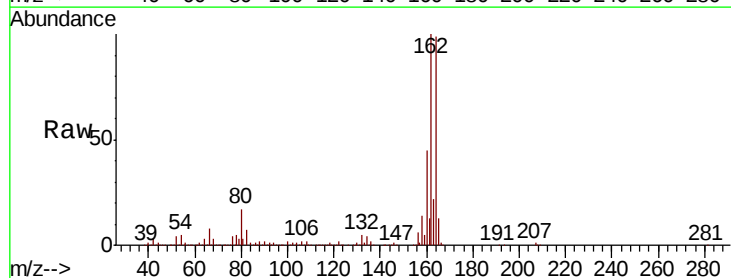
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-5

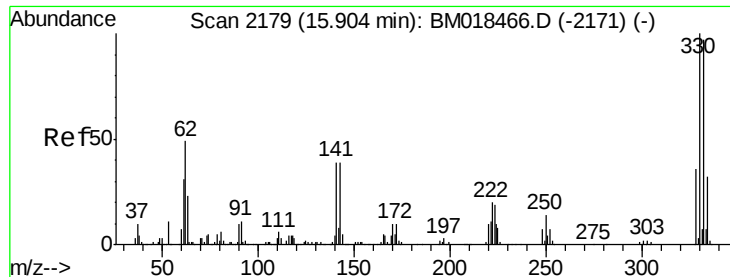
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	49.1	41.7	62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM018518.D
 Acq: 10 Jan 2019 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.0	124.4
160	45.6	37.1	55.7

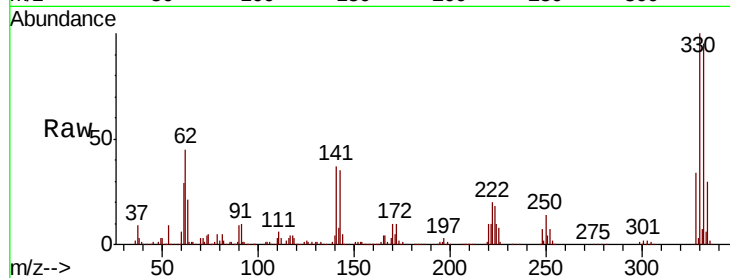




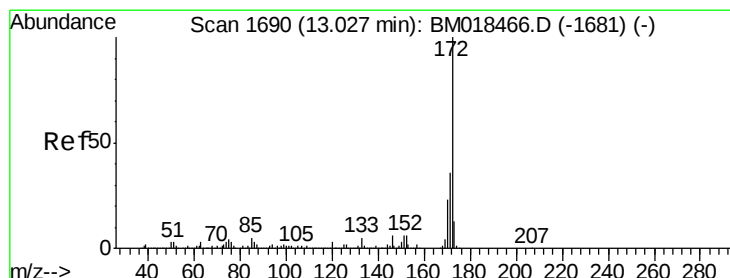
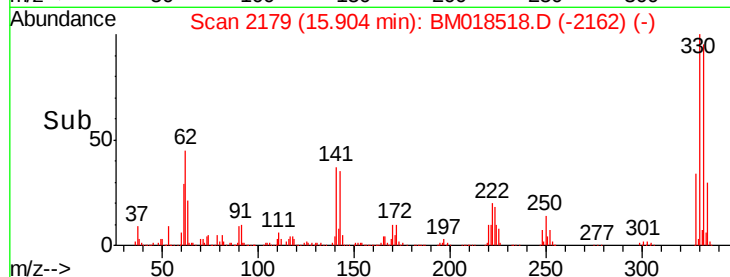
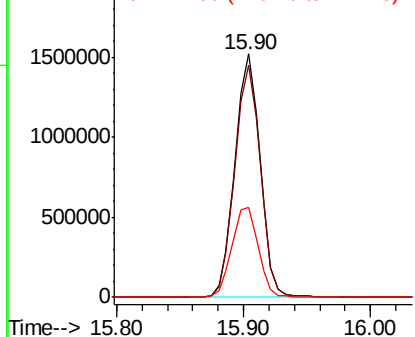
#42
 2,4,6-Tribromophenol
 Concen: 172.133 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM018518.D
 Acq: 10 Jan 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-5

Tot Ion:330 Resp: 2093451
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 38.9 31.7 47.5

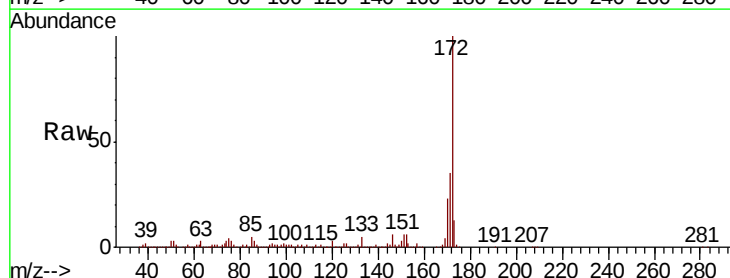


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

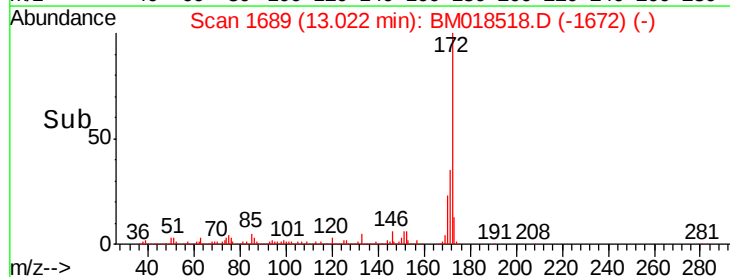
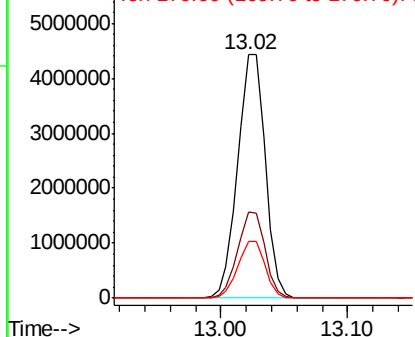


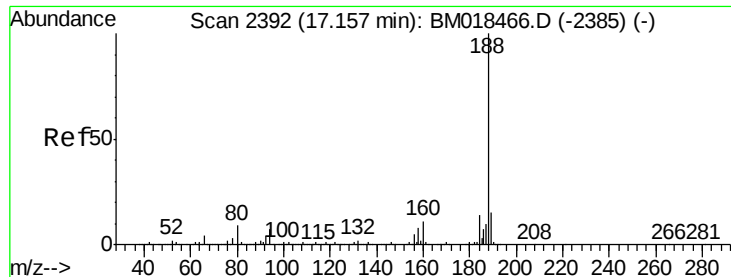
#45
 2-Fluorobiphenyl
 Concen: 91.131 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM018518.D
 Acq: 10 Jan 2019 20:53

Tgt Ion:172 Resp: 6670740
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.5 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: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018518.D

Acq: 10 Jan 2019 20:53

Instrument :

BNA_M

ClientSampleId :

SP-1-5

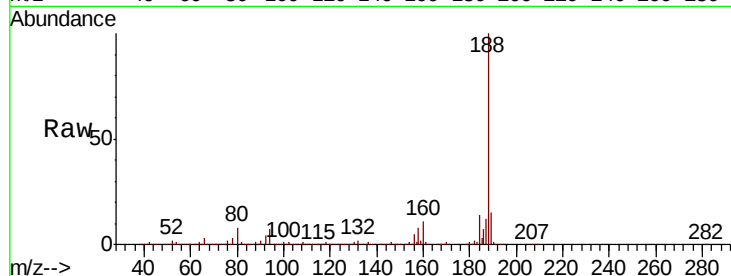
Tot Ion:188 Resp: 2444693

Ion Ratio Lower Upper

188 100

94 7.1 7.1 10.7#

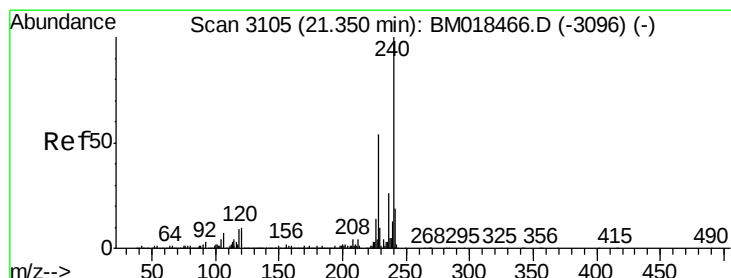
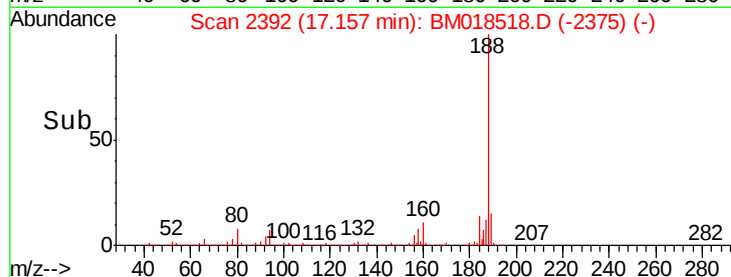
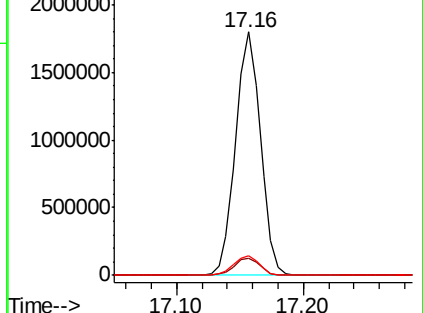
80 8.0 7.6 11.4



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: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018518.D

Acq: 10 Jan 2019 20:53

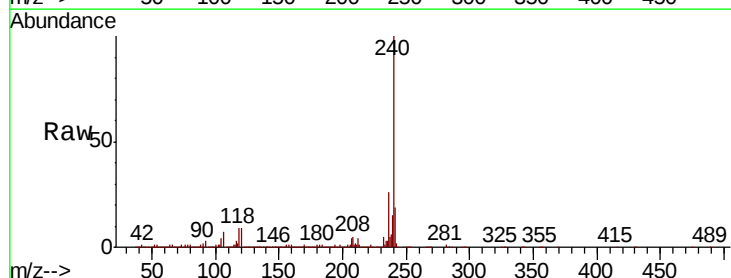
Tgt Ion:240 Resp: 2838019

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

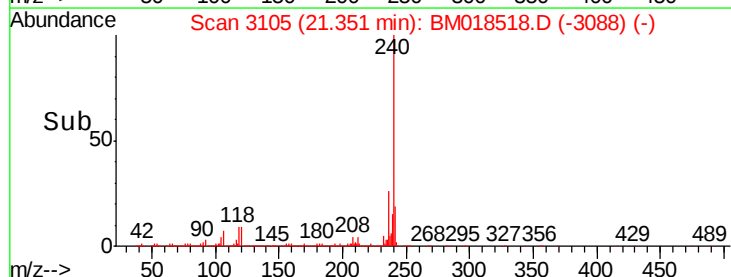
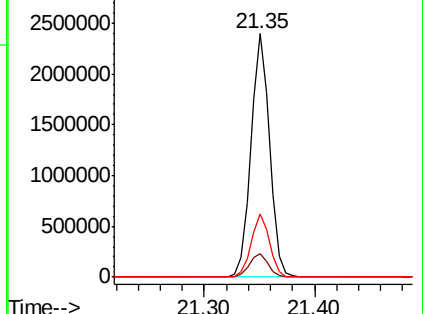
236 25.9 20.7 31.1

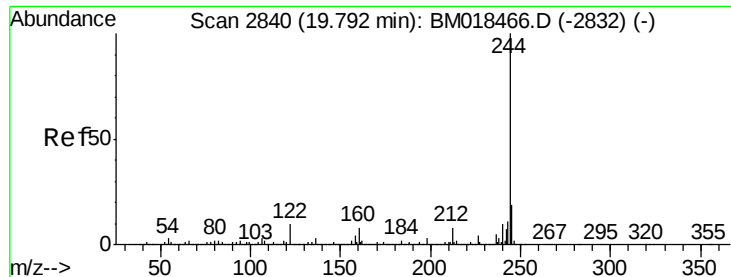


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.265 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018518.D

Acq: 10 Jan 2019 20:53

Instrument :

BNA_M

ClientSampled :

SP-1-5

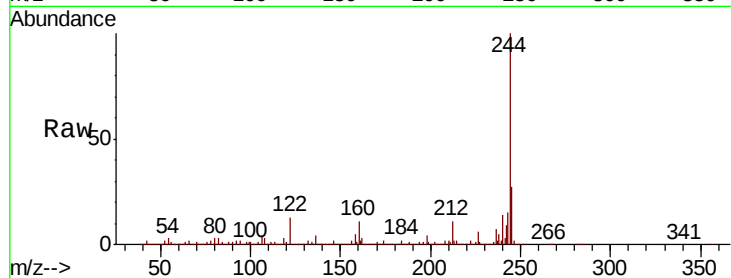
Tot Ion:244 Resp:12017670

Ion Ratio Lower Upper

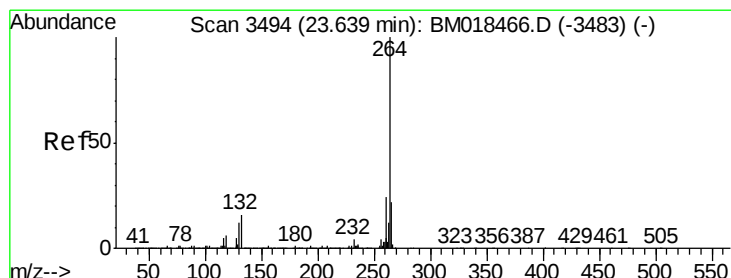
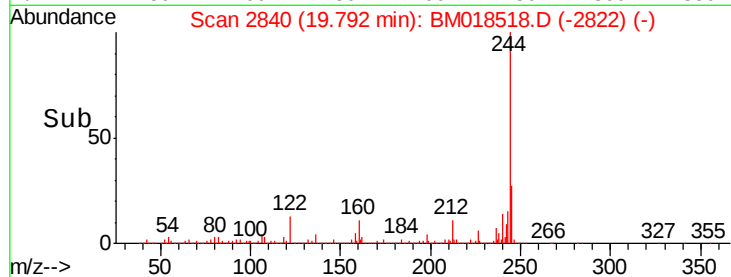
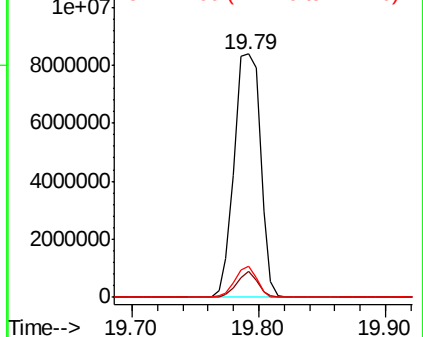
244 100

212 10.6 5.9 8.9#

122 12.8 9.0 13.4



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: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM018518.D

Acq: 10 Jan 2019 20:53

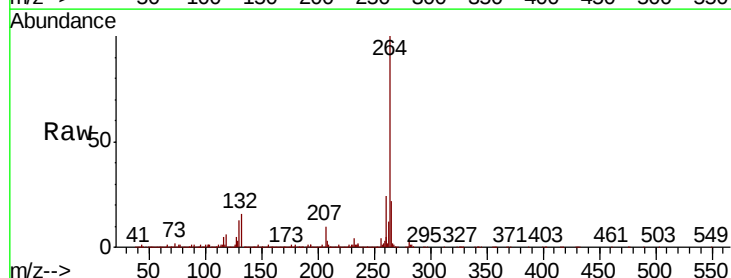
Tgt Ion:264 Resp: 2974139

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.2 16.8 25.2



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

