

Data File : BM018516.D
Acq On : 10 Jan 2019 19:40
Operator : JU/SJ
Sample : K1082-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1-3

Quant Time: Jan 11 03:27:27 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	385653	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1567957	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	971584	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2471914	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2887018	20.00	ng	0.00
87) Perylene-d12	23.64	264	2977752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2544687	121.84	ng	0.00
7) Phenol-d6	6.94	99	3007390	113.37	ng	0.00
23) Nitrobenzene-d5	8.93	82	2323657	85.91	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1903393	153.86	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6302478	84.64	ng	0.00
79) Terphenyl-d14	19.79	244	11504827	84.01	ng	0.00

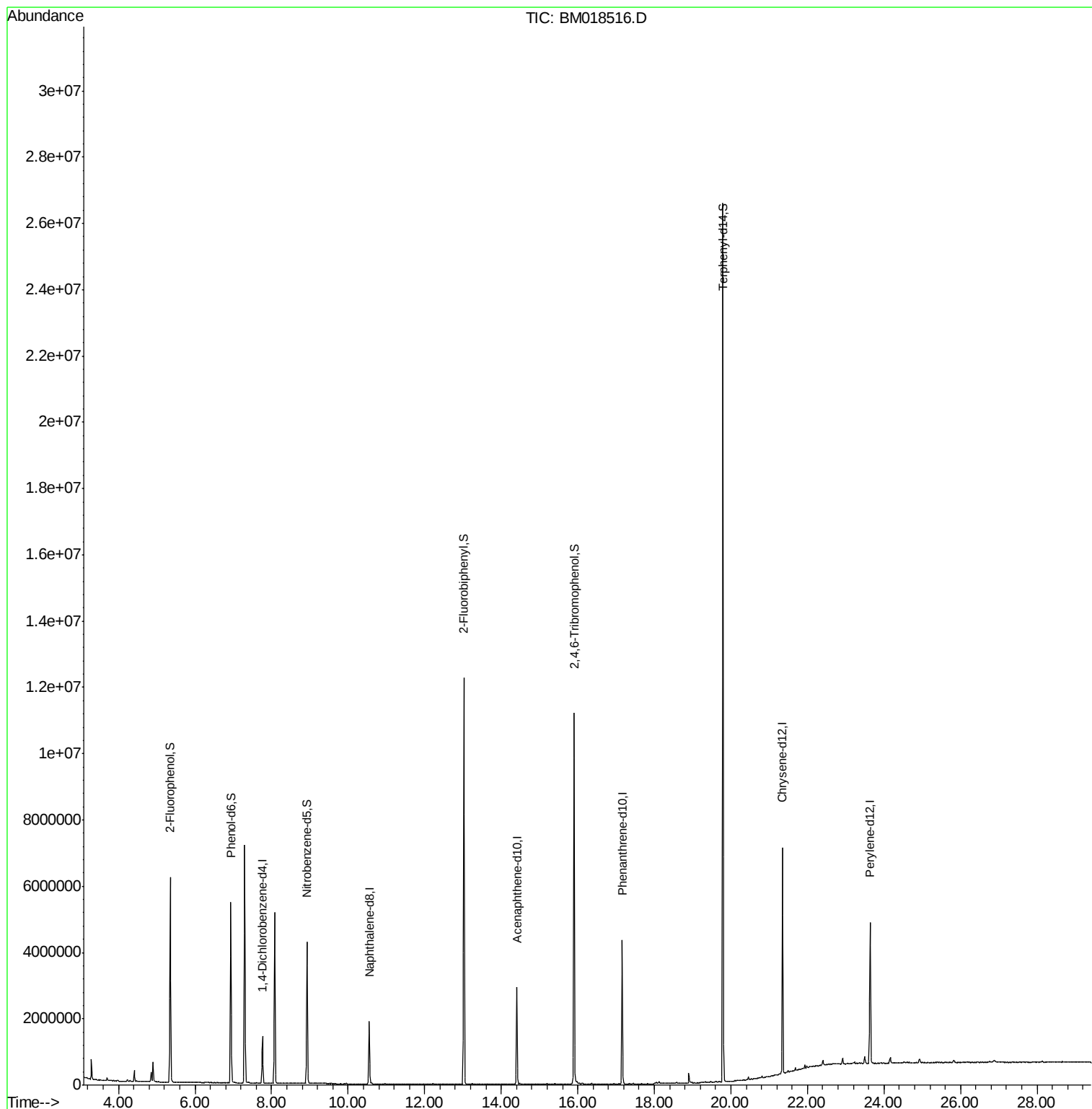
Target Compounds Qvalue

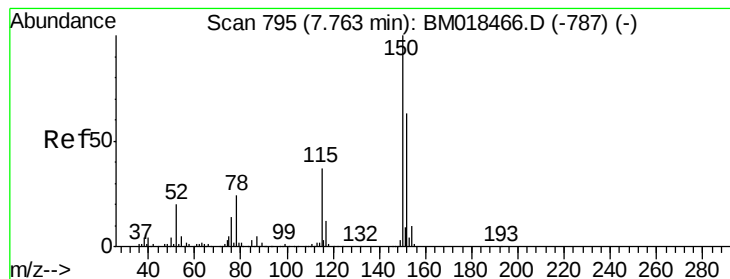
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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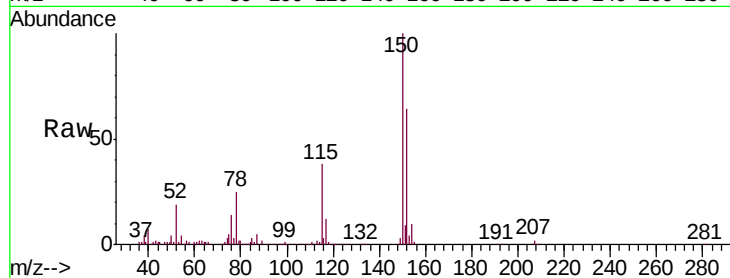


#1

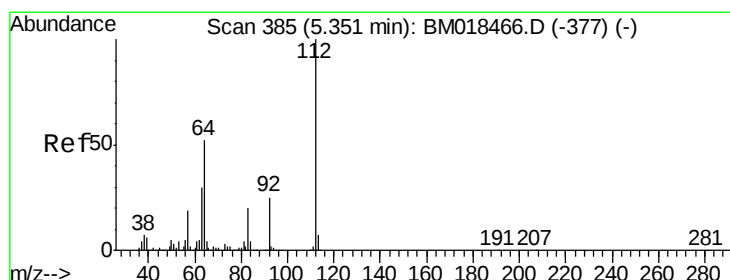
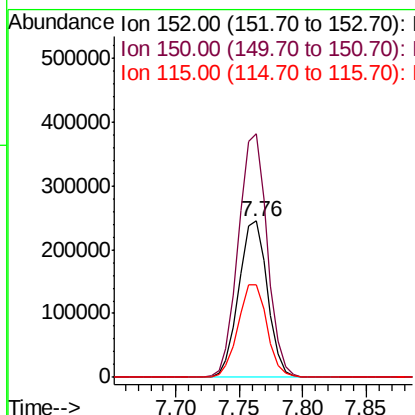
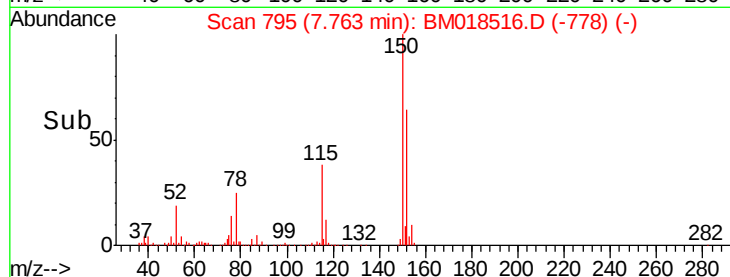
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018516.D
Acq: 10 Jan 2019 19:40

Instrument :
BNA_M
ClientSampled :
SP-1-3

Tgt Ion:152 Resp: 385653
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 59.6 45.5 68.3



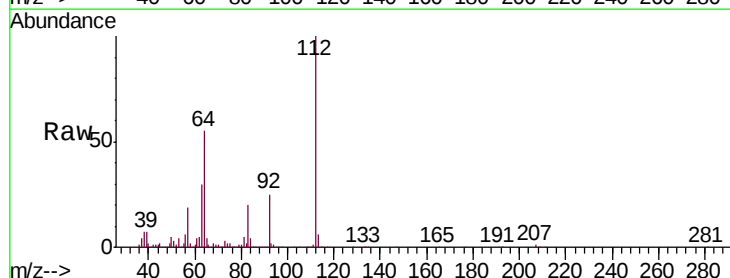
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



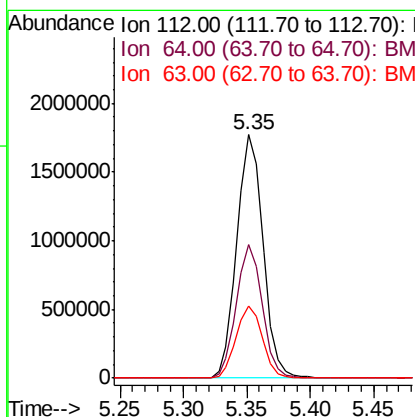
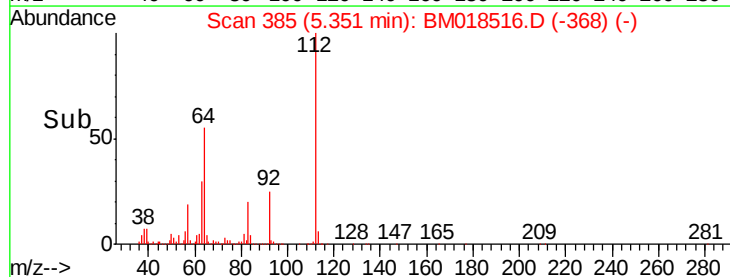
#5

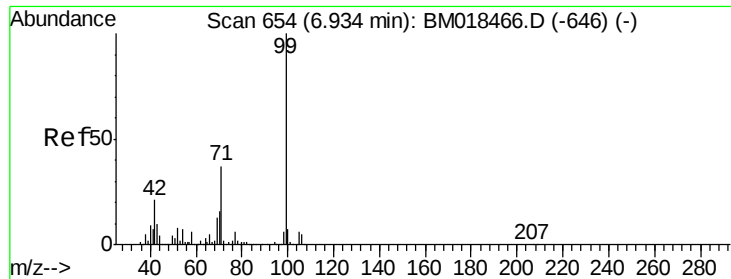
2-Fluorophenol
Concen: 121.839 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018516.D
Acq: 10 Jan 2019 19:40

Tgt Ion:112 Resp: 2544687
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 29.7 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: 113.369 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018516.D

Acq: 10 Jan 2019 19:40

Instrument :

BNA_M

ClientSampleId :

SP-1-3

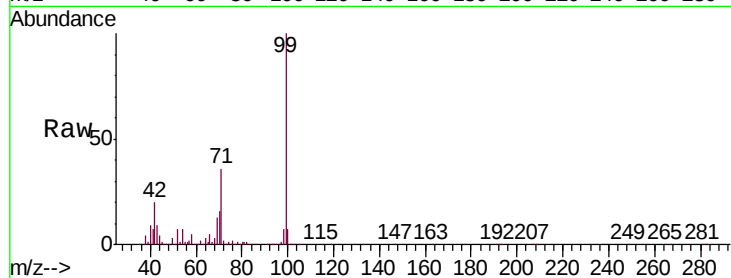
Tgt Ion: 99 Resp: 3007390

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

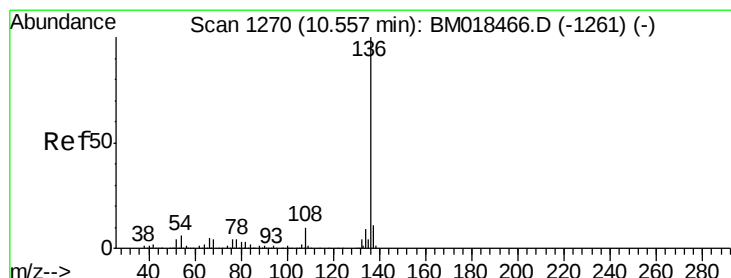
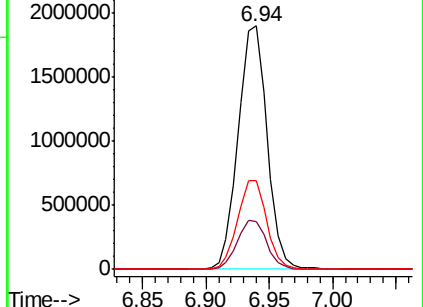
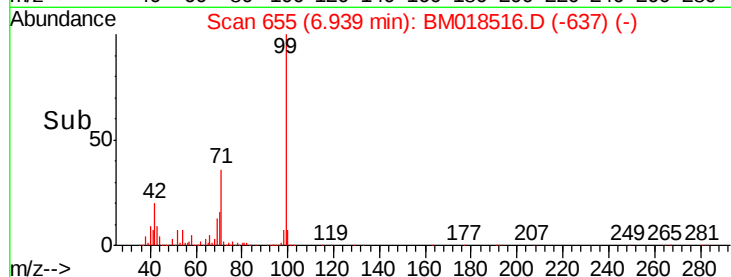
71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018516.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018516.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018516.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018516.D

Acq: 10 Jan 2019 19:40

Tgt Ion: 136 Resp: 1567957

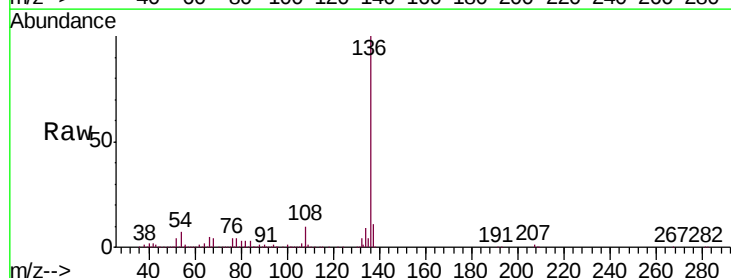
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 6.0 9.0

68 4.2 4.5 6.7#

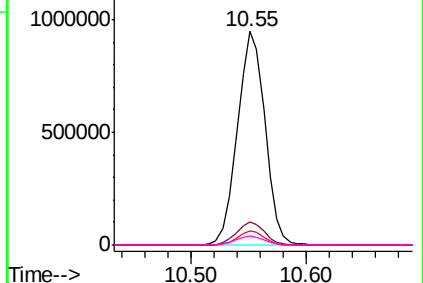
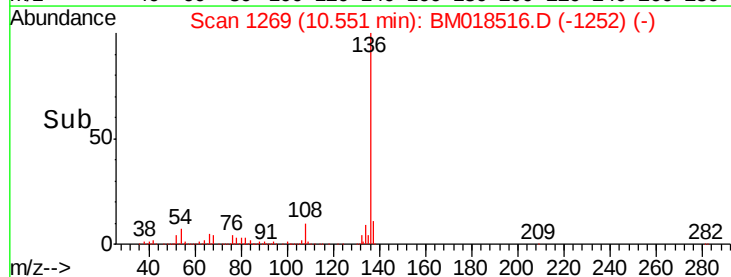


Abundance Ion 136.00 (135.70 to 136.70): BM018516.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018516.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018516.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018516.D (-1252) (-)

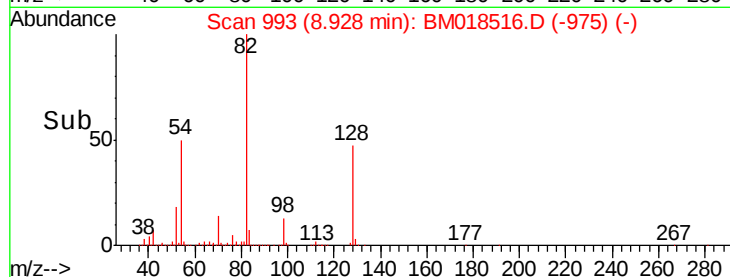
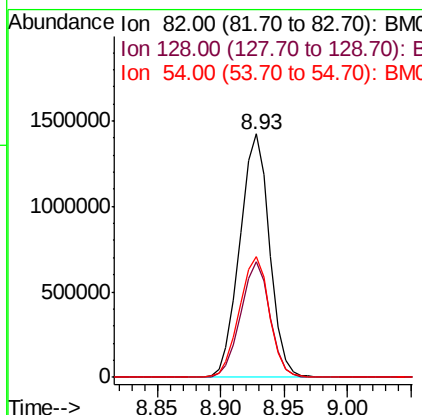
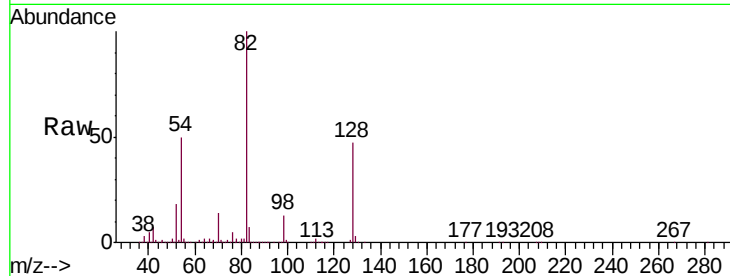




#23
Nitrobenzene-d5
Concen: 85.911 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018516.D
Acq: 10 Jan 2019 19:40

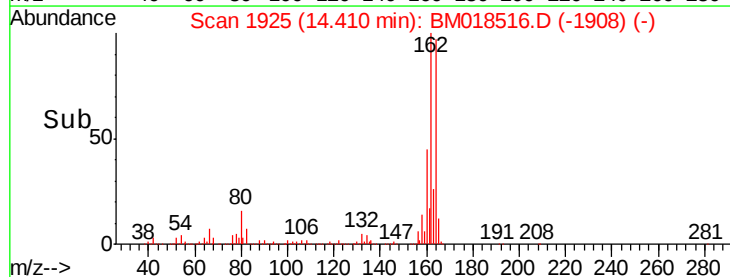
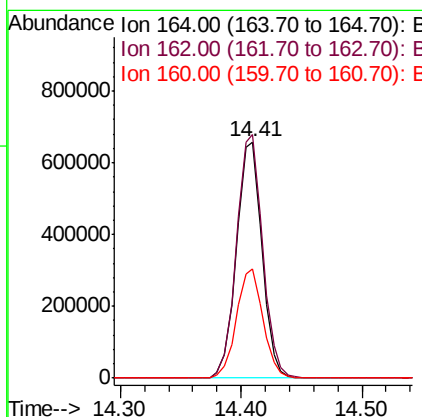
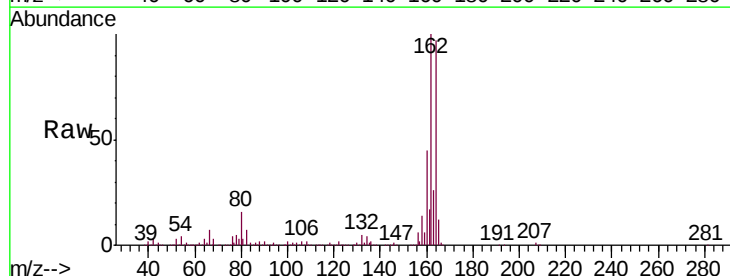
Instrument :
BNA_M
ClientSampled :
SP-1-3

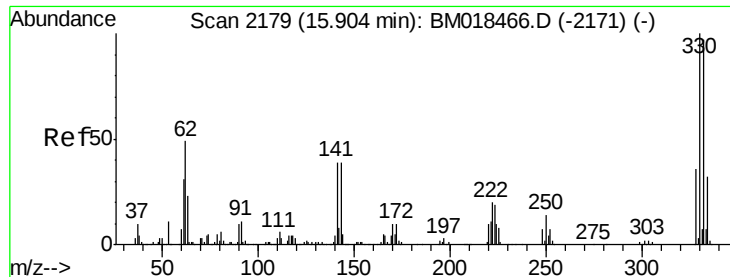
Tgt Ion: 82 Resp: 2323657
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 49.6 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018516.D
Acq: 10 Jan 2019 19:40

Tgt Ion: 164 Resp: 971584
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.4
160 46.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 153.859 ng

RT: 15.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BM018516.D

Acq: 10 Jan 2019 19:40

Instrument :

BNA_M

ClientSampled :

SP-1-3

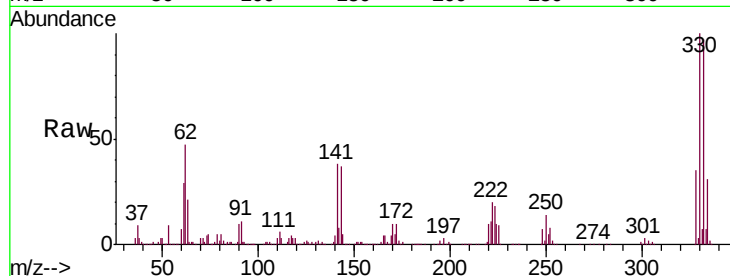
Tgt Ion:330 Resp: 1903393

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

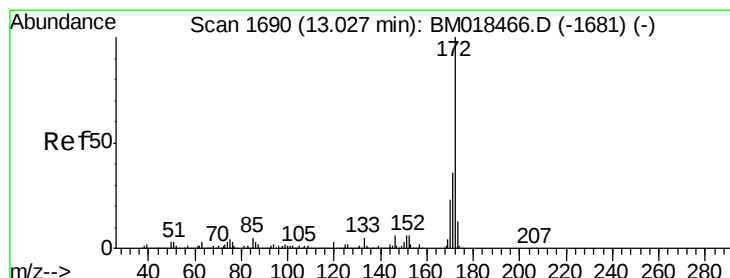
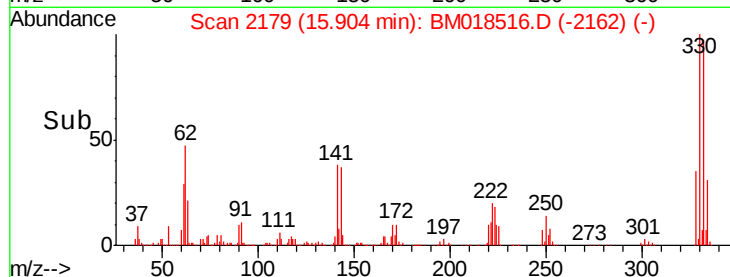
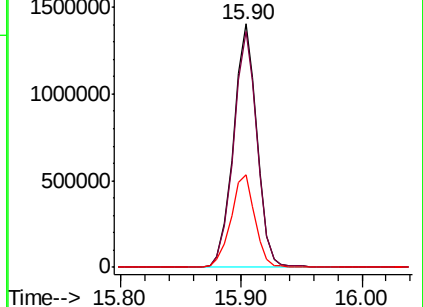
141 39.0 31.7 47.5



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: 84.644 ng

RT: 13.03 min Scan# 1690

Delta R.T. 0.01 min

Lab File: BM018516.D

Acq: 10 Jan 2019 19:40

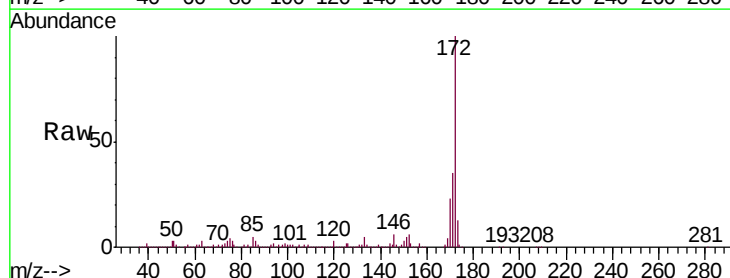
Tgt Ion:172 Resp: 6302478

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

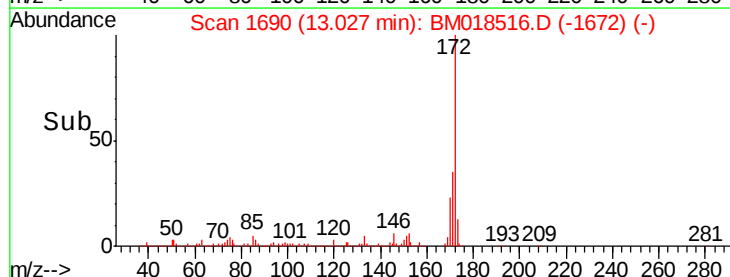
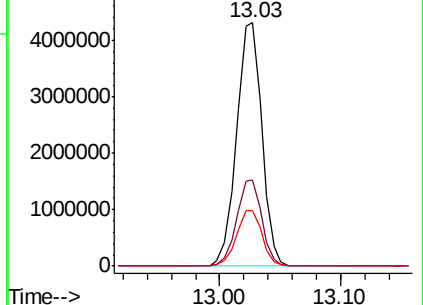
170 22.9 18.9 28.3

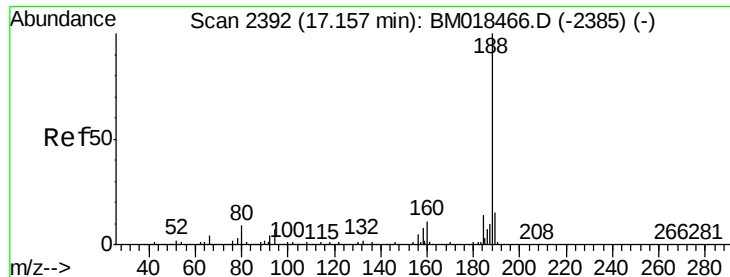


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

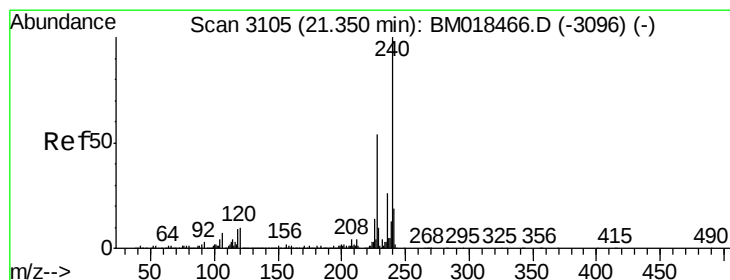
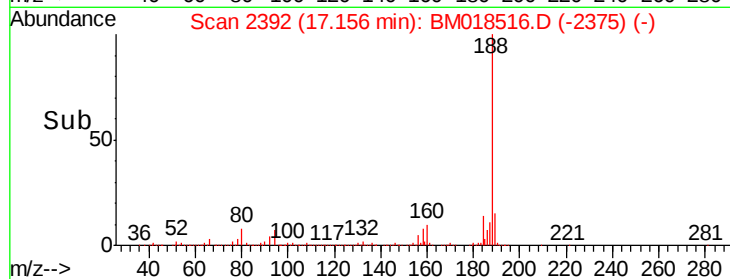
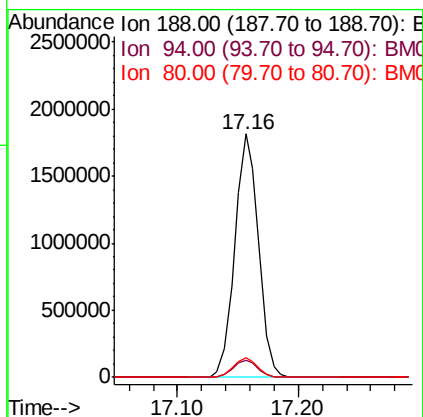
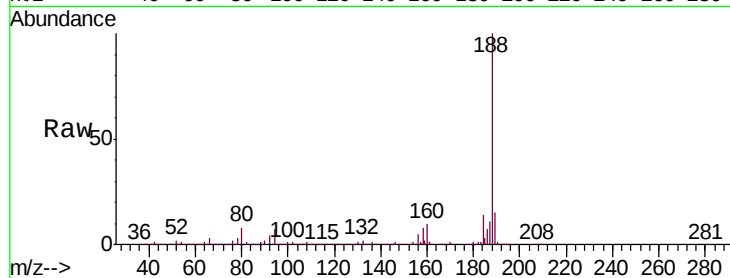




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018516.D
Acq: 10 Jan 2019 19:40

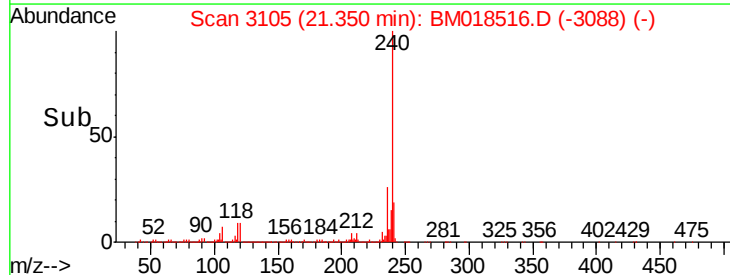
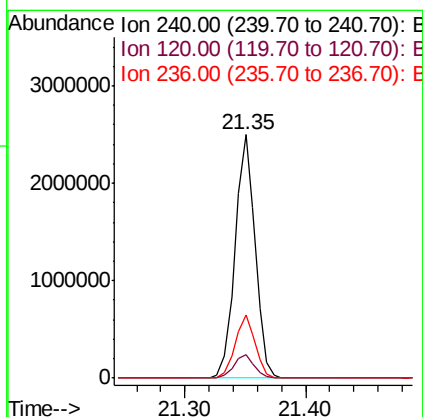
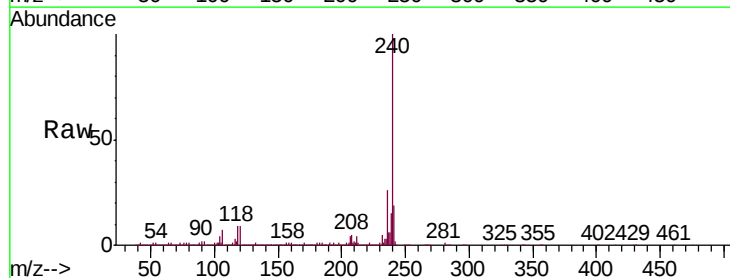
Instrument :
BNA_M
ClientSampleId :
SP-1-3

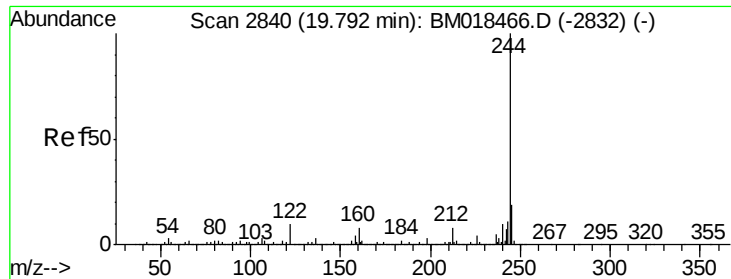
Tgt Ion:188 Resp: 2471914
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018516.D
Acq: 10 Jan 2019 19:40

Tgt Ion:240 Resp: 2887018
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 84.006 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018516.D

Acq: 10 Jan 2019 19:40

Instrument :

BNA_M

ClientSampled :

SP-1-3

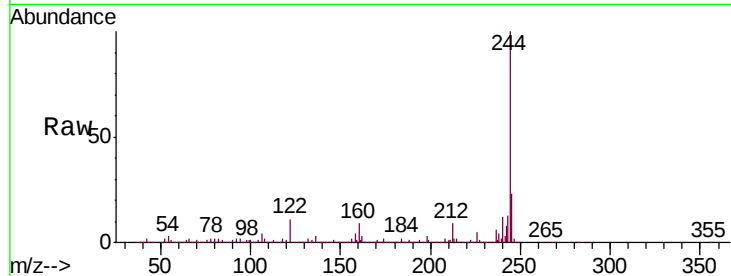
Tgt Ion:244 Resp:11504827

Ion Ratio Lower Upper

244 100

212 9.1 5.9 8.9#

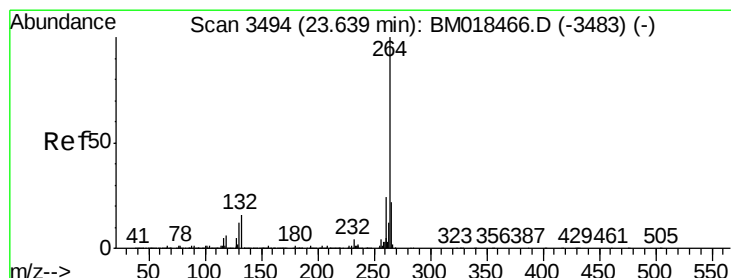
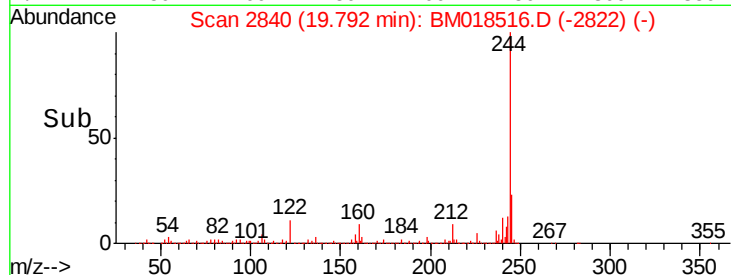
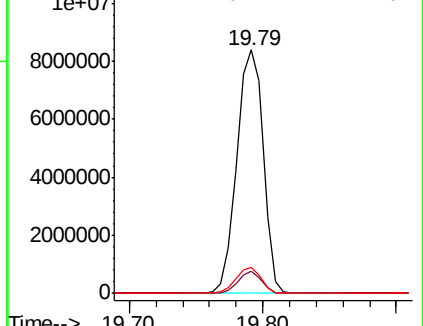
122 10.9 9.0 13.4



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: BM018516.D

Acq: 10 Jan 2019 19:40

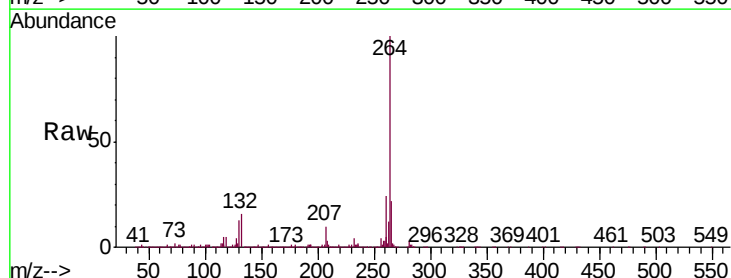
Tgt Ion:264 Resp: 2977752

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 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

