

Data File : BM018513.D
Acq On : 10 Jan 2019 17:52
Operator : JU/SJ
Sample : K1008-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Quant Time: Jan 11 03:26:42 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	397274	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1586161	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	991017	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2509869	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2884142	20.00	ng	0.00
87) Perylene-d12	23.64	264	2974569	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2901386	134.85	ng	0.00
7) Phenol-d6	6.94	99	3430386	125.53	ng	0.00
23) Nitrobenzene-d5	8.93	82	2638622	96.44	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2162350	171.36	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7131317	93.90	ng	0.00
79) Terphenyl-d14	19.79	244	11874882	86.79	ng	0.00

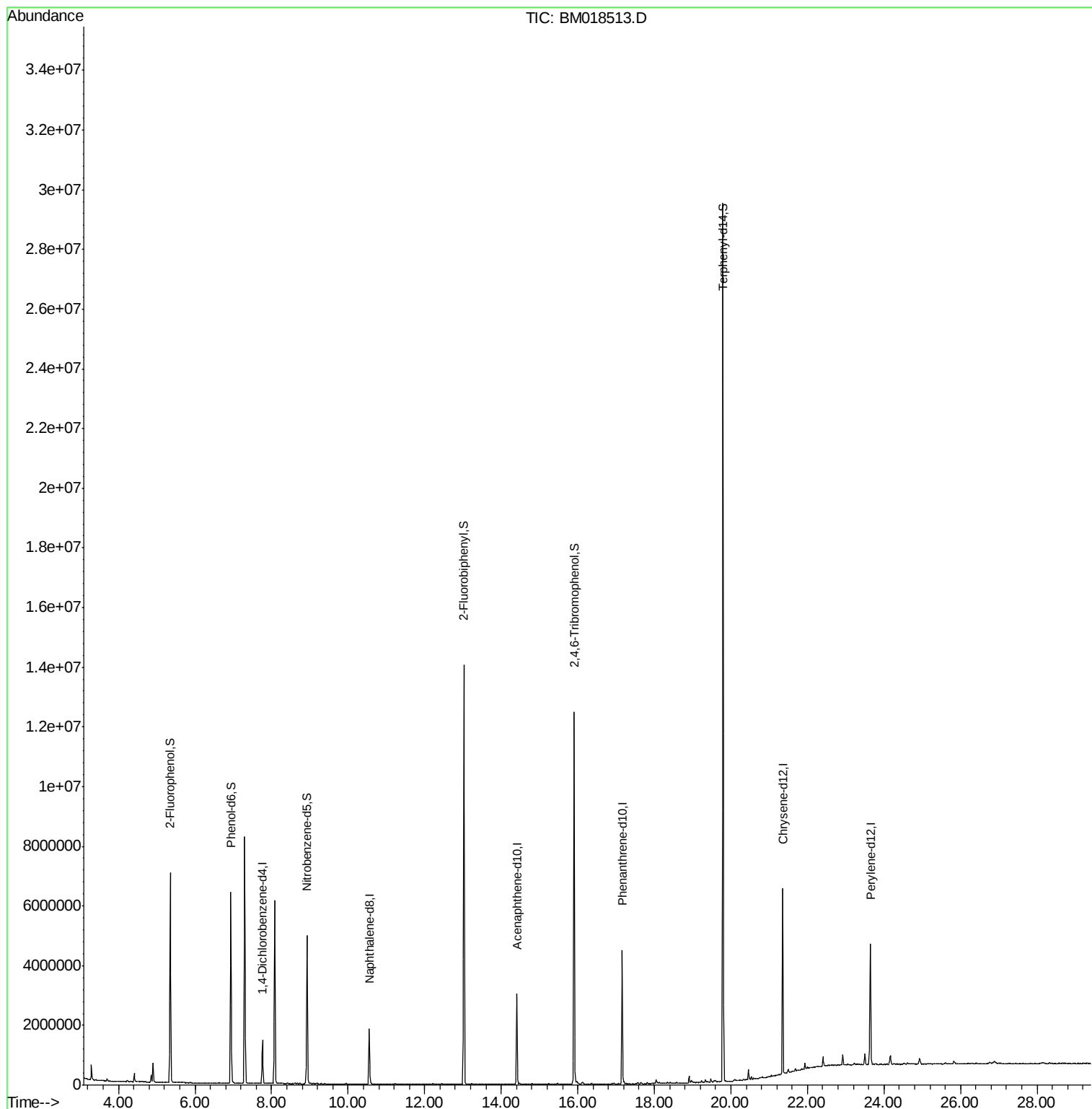
Target Compounds						Qvalue
9) Benzaldehyde	6.89	77	373	Below Cal	#	20

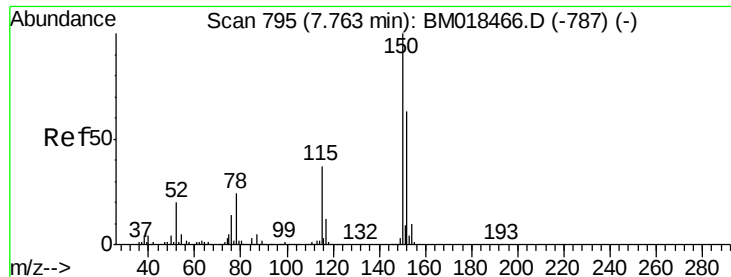
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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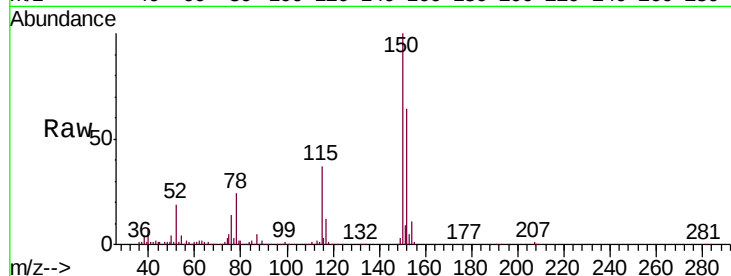


#1

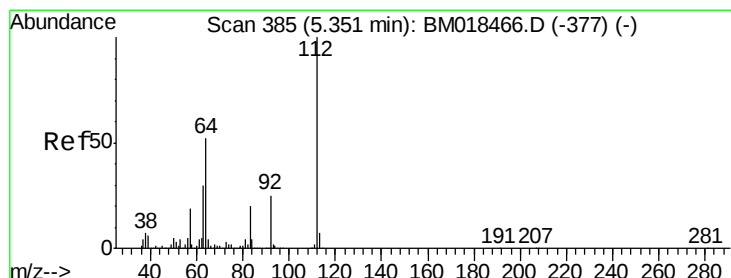
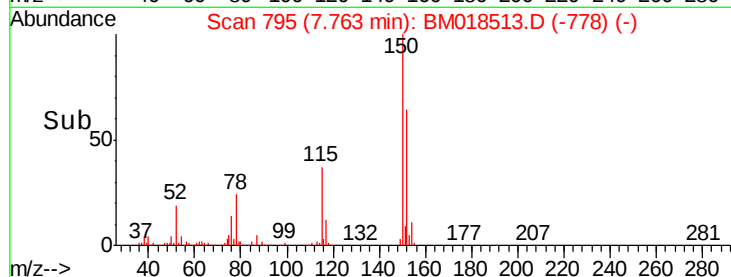
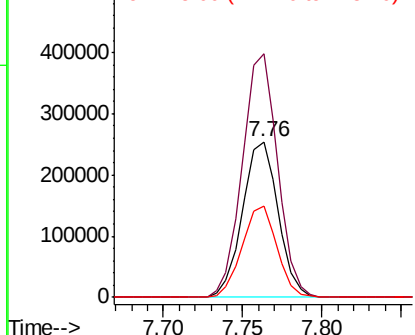
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:152 Resp: 397274
Ion Ratio Lower Upper
152 100
150 156.2 126.9 190.3
115 58.5 45.5 68.3



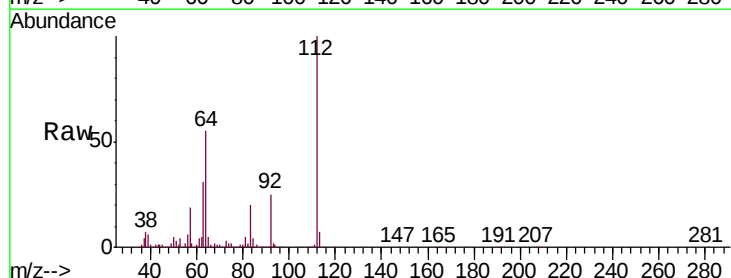
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



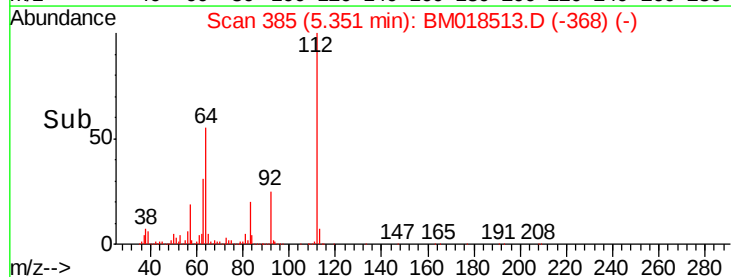
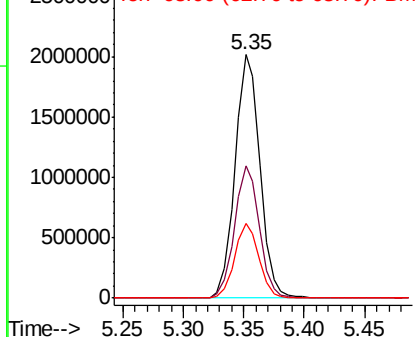
#5

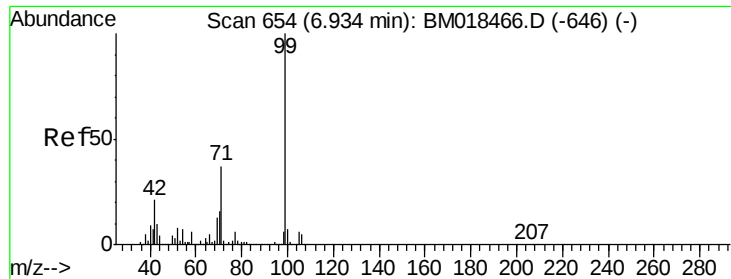
2-Fluorophenol
Concen: 134.854 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion:112 Resp: 2901386
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 30.6 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: 125.532 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018513.D

Acq: 10 Jan 2019 17:52

Instrument :

BNA_M

ClientSampleId :

HD-02-010819

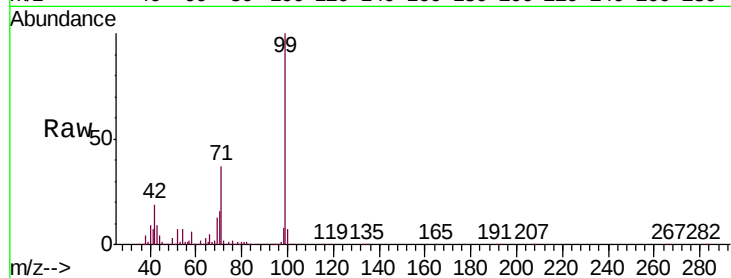
Tgt Ion: 99 Resp: 3430386

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

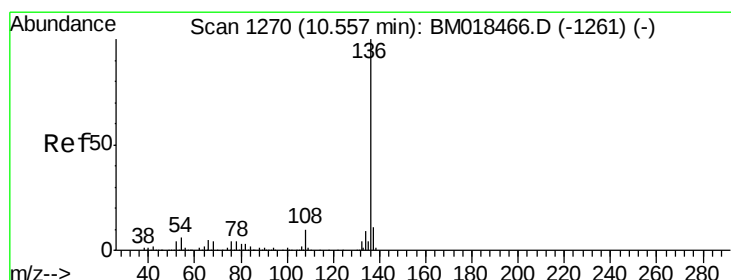
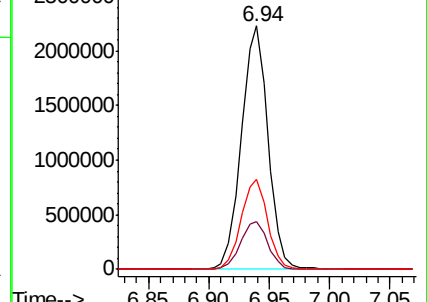
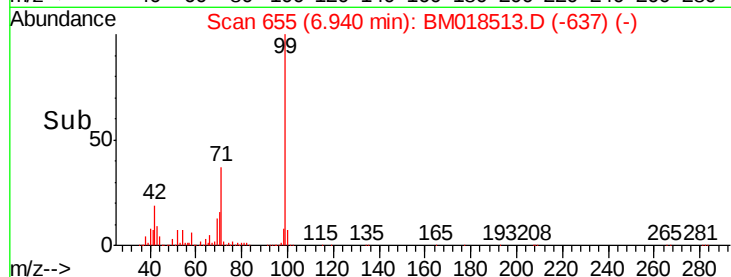
71 36.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018513.D

Acq: 10 Jan 2019 17:52

Tgt Ion: 136 Resp: 1586161

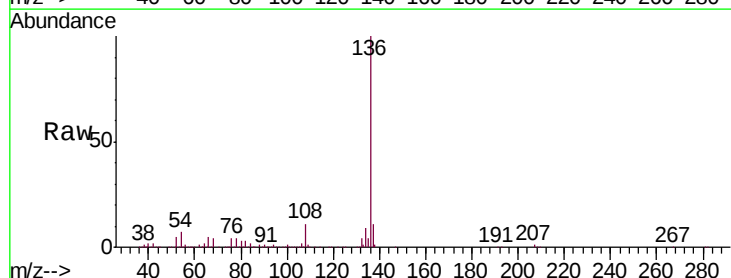
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 6.6 6.0 9.0

68 4.3 4.5 6.7#

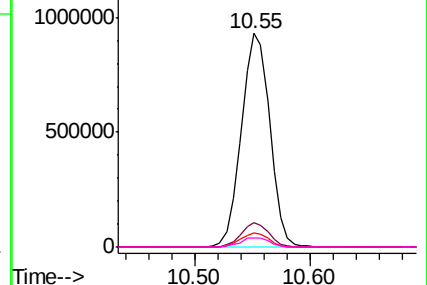
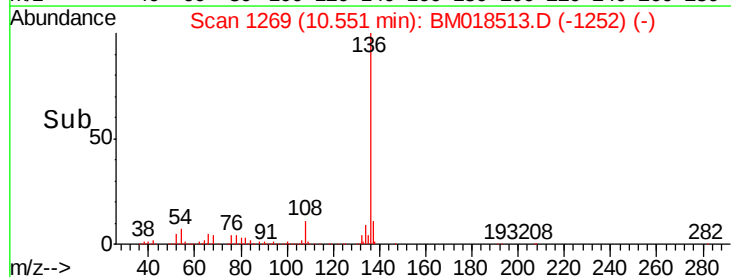


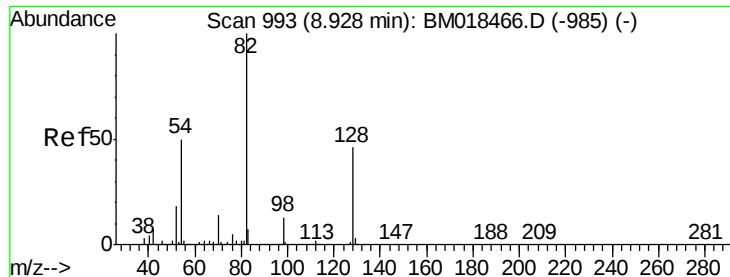
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

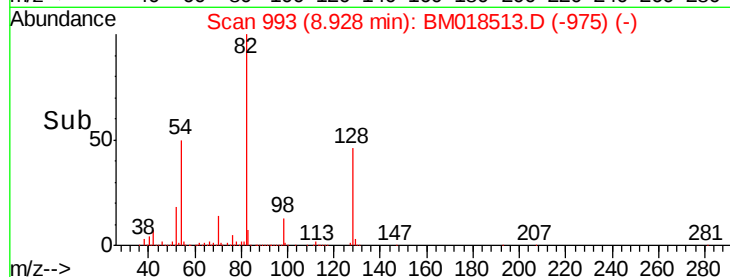
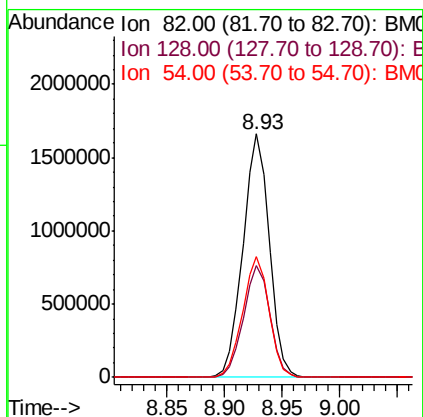
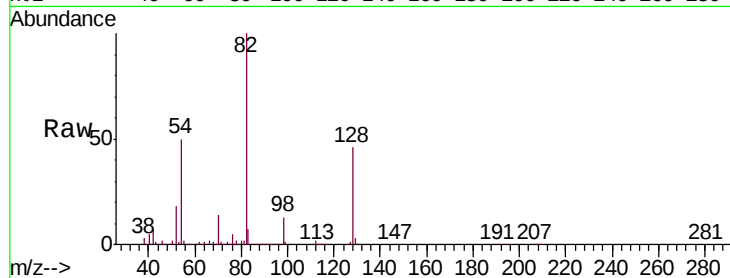




#23
Nitrobenzene-d5
Concen: 96.436 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

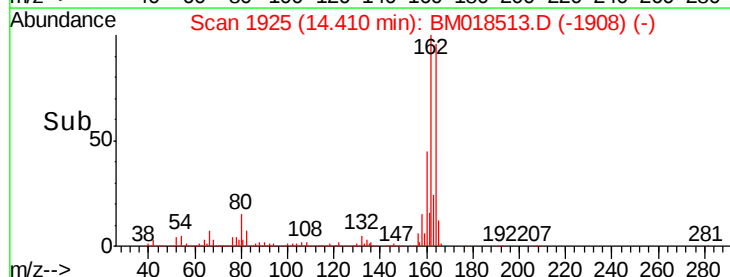
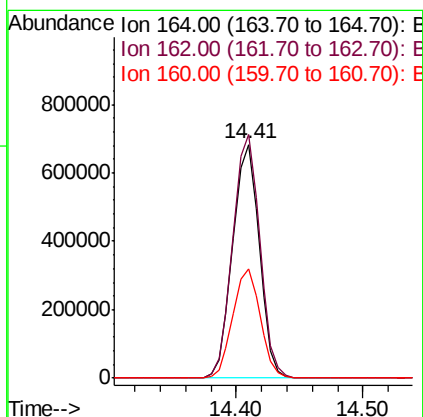
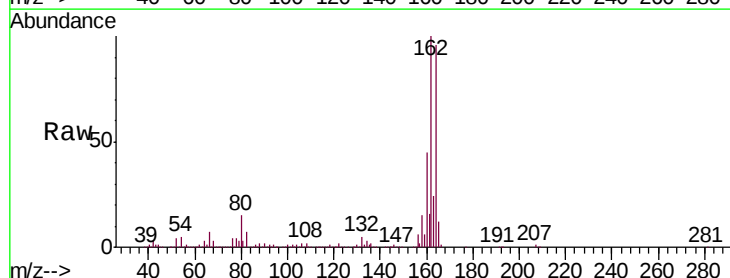
Instrument :
BNA_M
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HD-02-010819

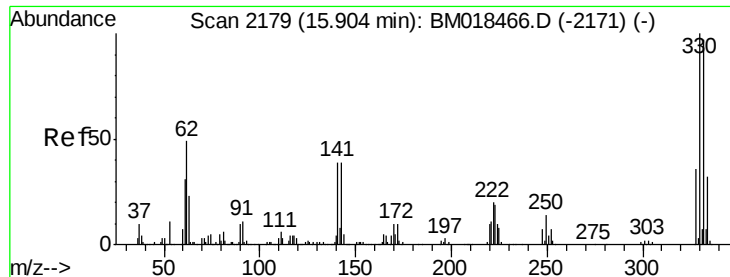
Tgt Ion: 82 Resp: 2638622
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 49.6 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion: 164 Resp: 991017
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.7 37.1 55.7

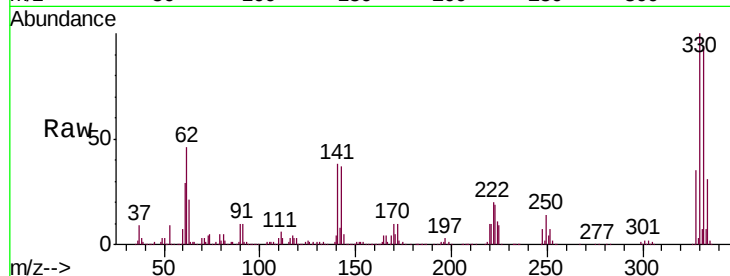




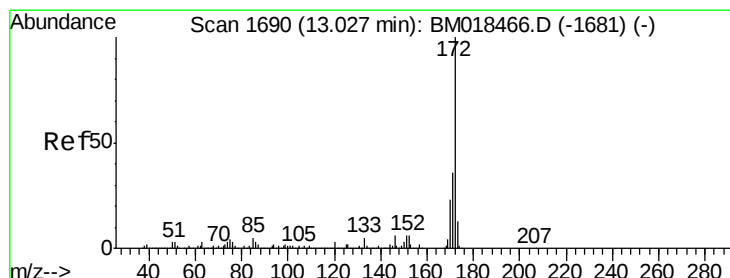
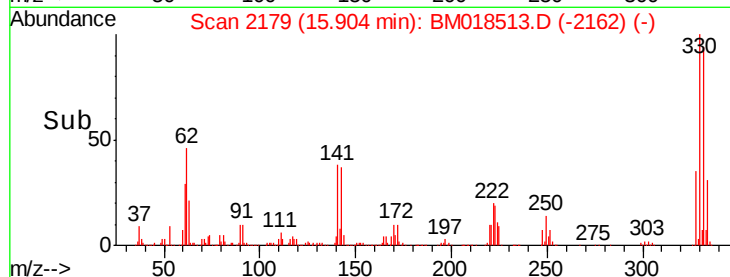
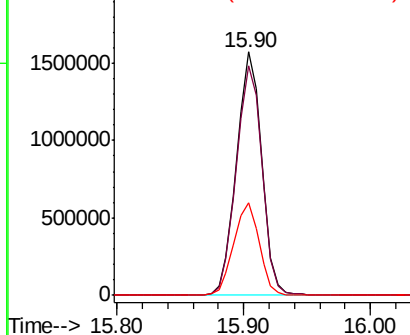
#42
 2,4,6-Tribromophenol
 Concen: 171.365 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018513.D
 Acq: 10 Jan 2019 17:52

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-010819

Tgt Ion:330 Resp: 2162350
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 38.6 31.7 47.5

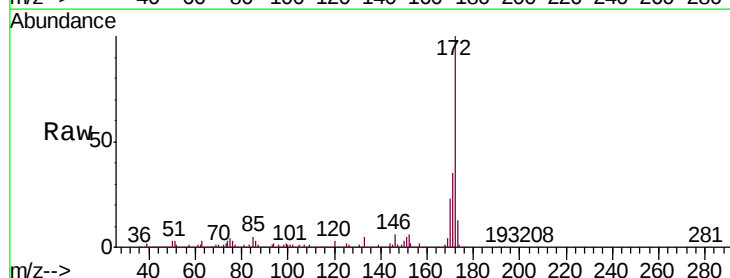


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

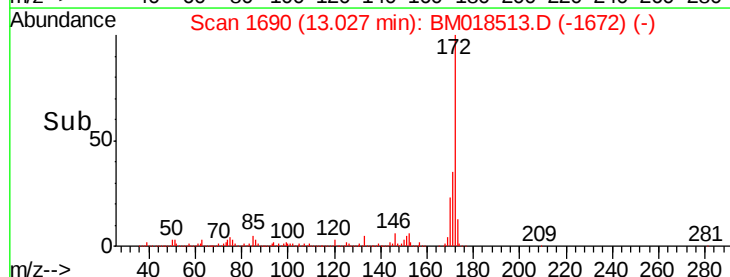
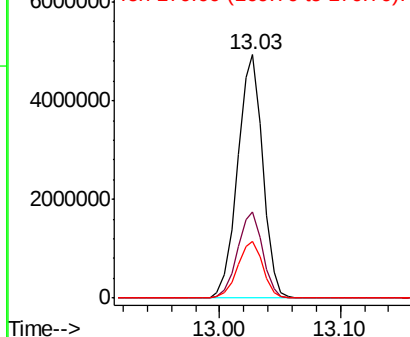


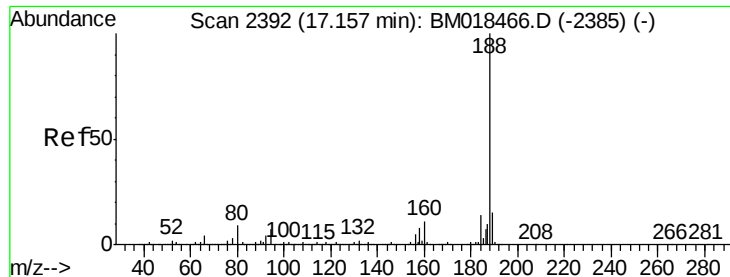
#45
 2-Fluorobiphenyl
 Concen: 93.897 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018513.D
 Acq: 10 Jan 2019 17:52

Tgt Ion:172 Resp: 7131317
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 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: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018513.D

Acq: 10 Jan 2019 17:52

Instrument :

BNA_M

ClientSampleId :

HD-02-010819

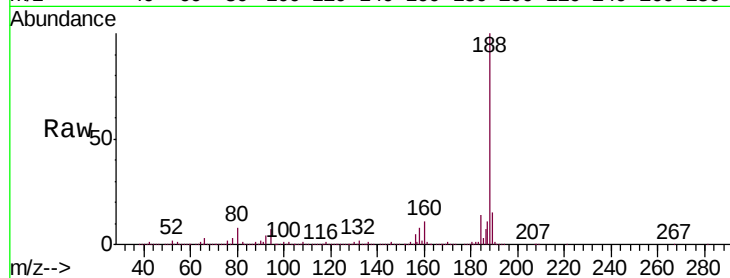
Tgt Ion:188 Resp: 2509869

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

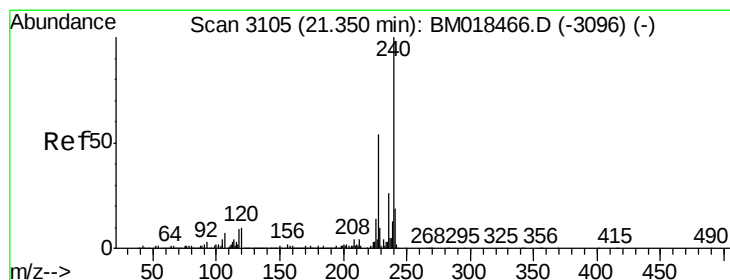
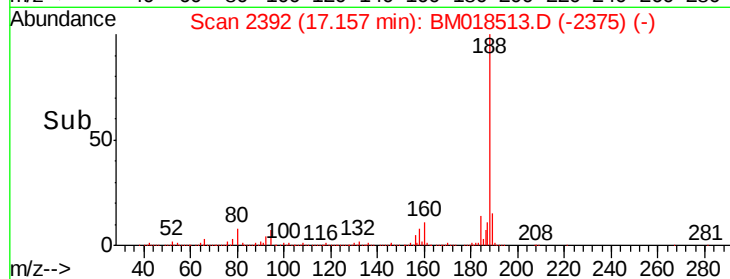
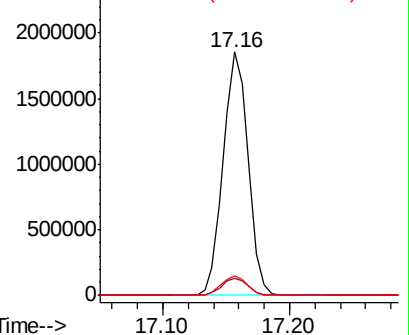
80 7.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

2500000 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: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018513.D

Acq: 10 Jan 2019 17:52

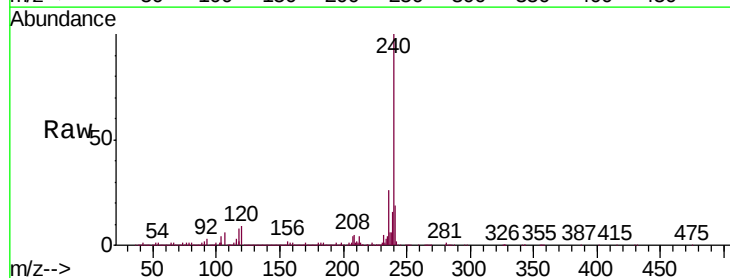
Tgt Ion:240 Resp: 2884142

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

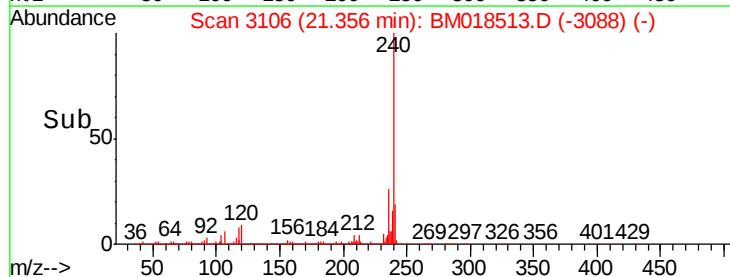
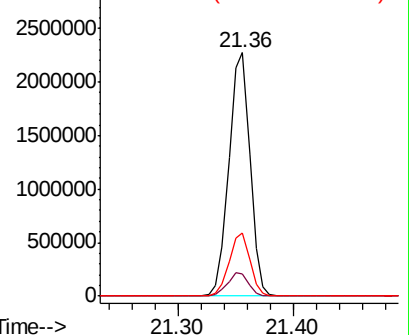
236 26.0 20.7 31.1

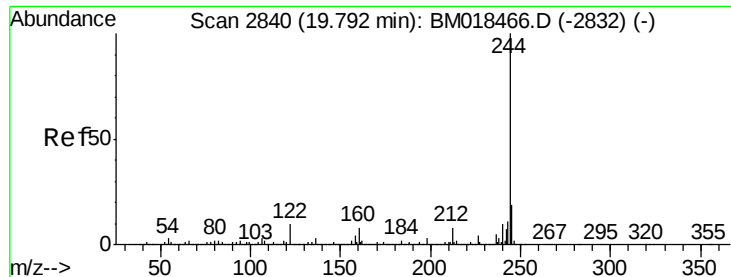


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.794 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018513.D

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HD-02-010819

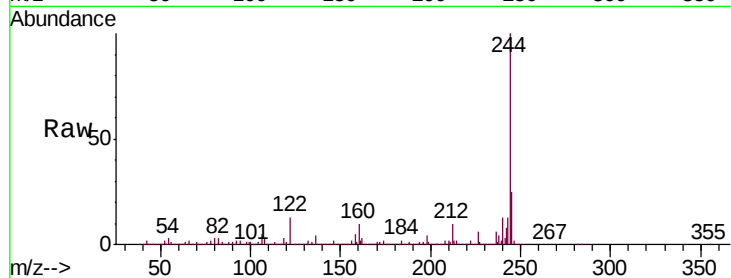
Tgt Ion:244 Resp:11874882

Ion Ratio Lower Upper

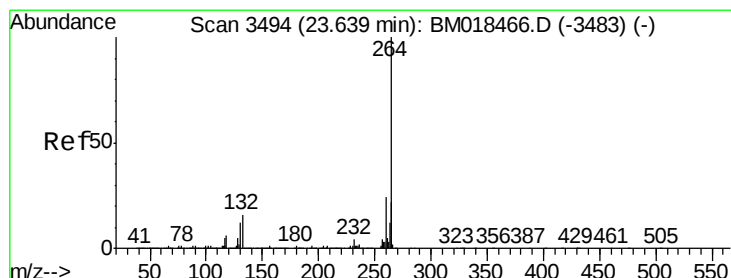
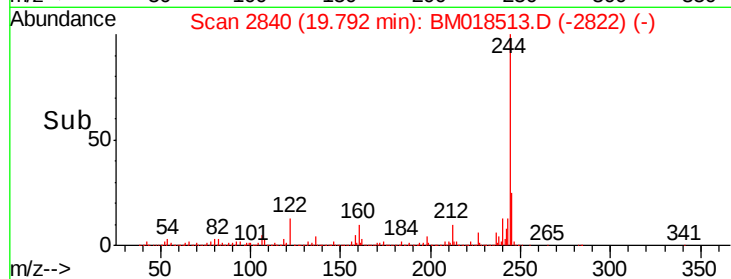
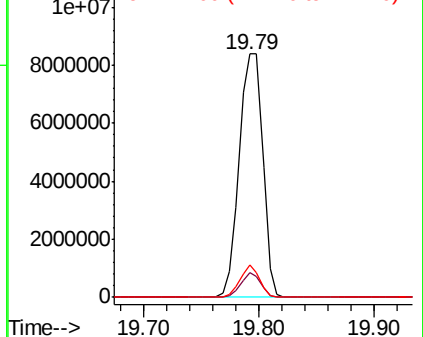
244 100

212 10.2 5.9 8.9#

122 13.1 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# 3495

Delta R.T. 0.01 min

Lab File: BM018513.D

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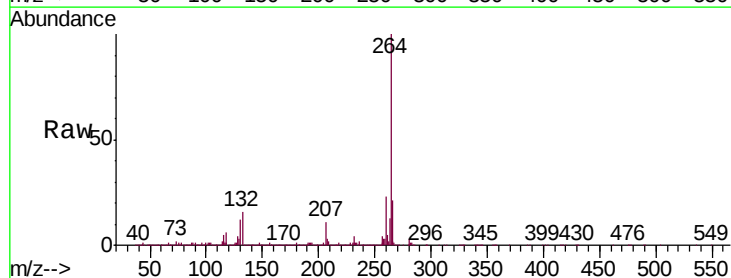
Tgt Ion:264 Resp: 2974569

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.5 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

