

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021819\
 Data File : BM018850.D
 Acq On : 18 Feb 2019 22:11
 Operator : JU/SJ
 Sample : K1517-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G-021519

Quant Time: Feb 19 01:20:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

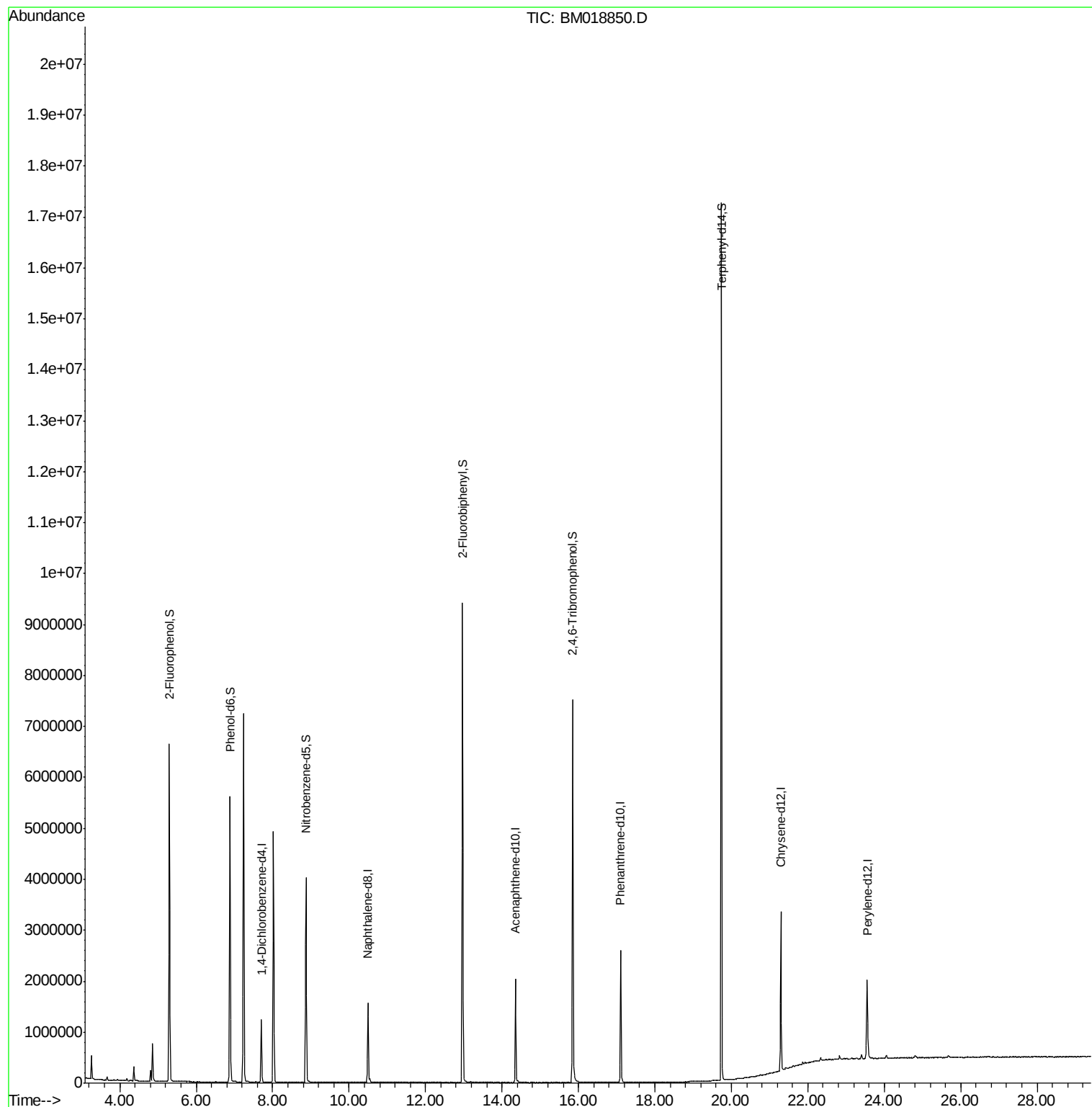
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	309288	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1231400	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	659619	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1459608	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1331766	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1139058	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2558095	135.52	ng	0.00
7) Phenol-d6	6.88	99	3108597	116.90	ng	0.00
23) Nitrobenzene-d5	8.87	82	2552904	95.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1313054	138.10	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4630767	93.19	ng	-0.01
79) Terphenyl-d14	19.74	244	7438157	115.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	6252	Below Cal	Qvalue #	7

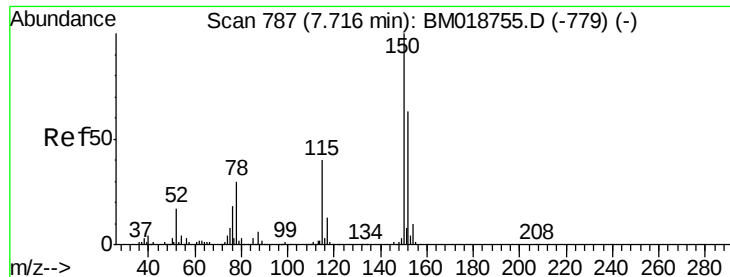
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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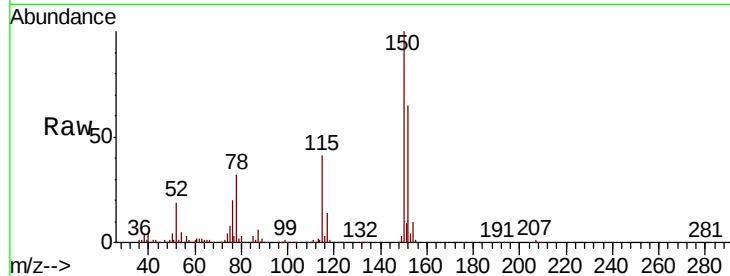


#1

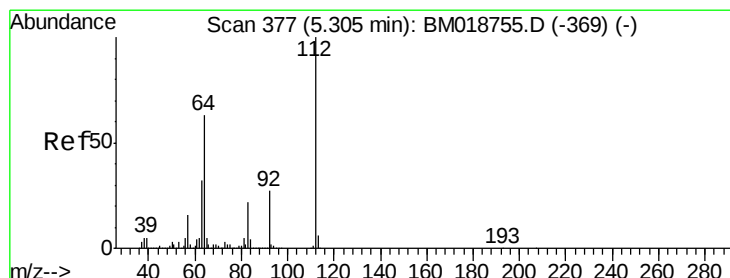
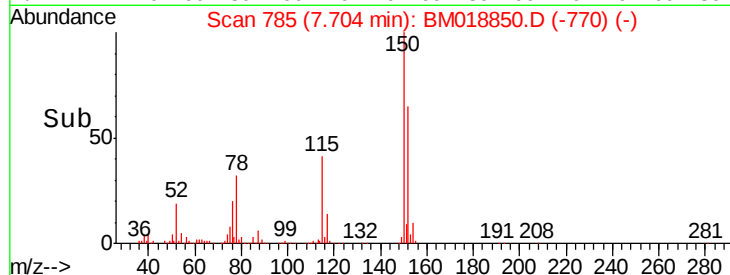
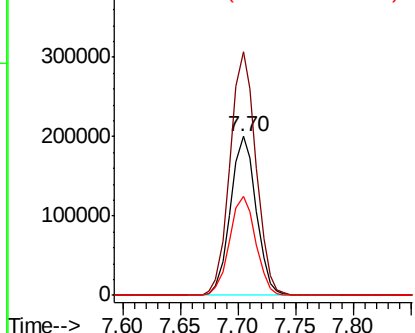
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018850.D
Acq: 18 Feb 2019 22:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion:152 Resp: 309288
Ion Ratio Lower Upper
152 100
150 153.6 127.3 190.9
115 62.8 50.8 76.2



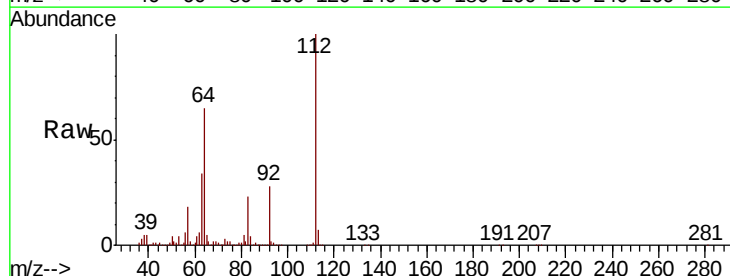
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



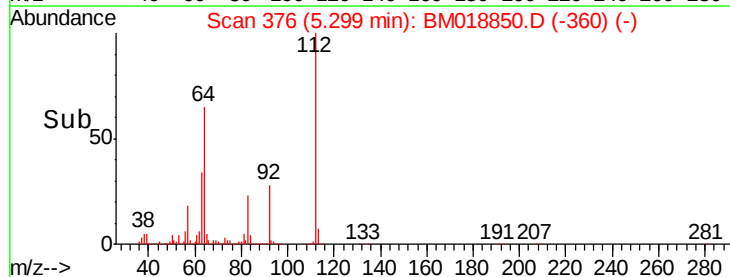
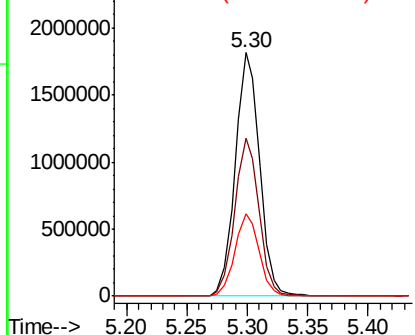
#5

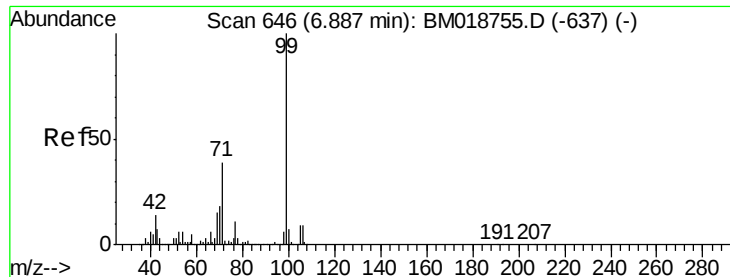
2-Fluorophenol
Concen: 135.517 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018850.D
Acq: 18 Feb 2019 22:11

Tgt Ion:112 Resp: 2558095
Ion Ratio Lower Upper
112 100
64 64.9 50.6 75.8
63 33.9 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: 116.898 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

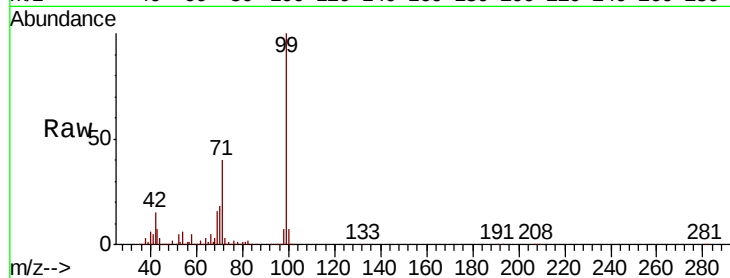
BNA_M

ClientSampleId :

G-021519

Tgt Ion: 99 Resp: 3108597

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.0	16.6
71	40.1	31.3	46.9

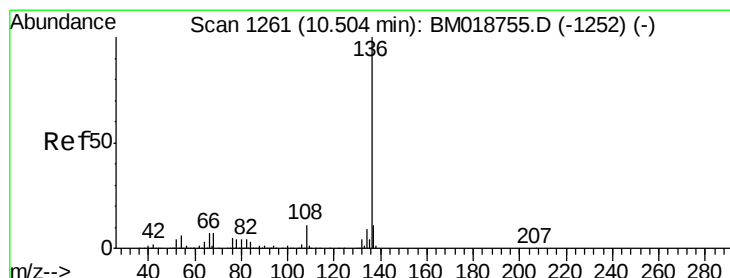
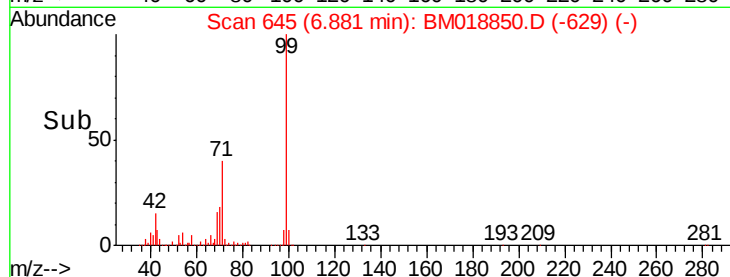
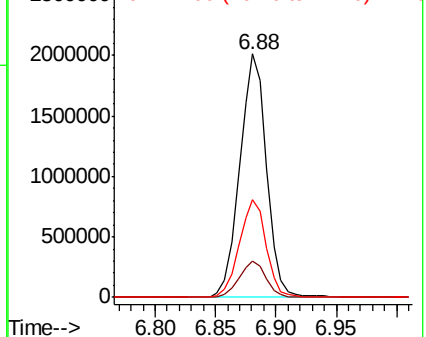


Abundance

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: 10.49 min Scan# 1259

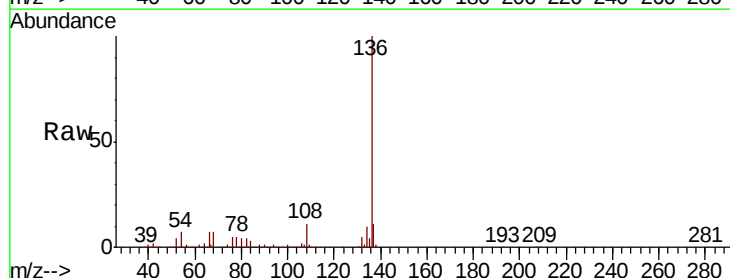
Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Tgt Ion: 136 Resp: 1231400

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.1	5.0	7.6
68	7.4	5.5	8.3



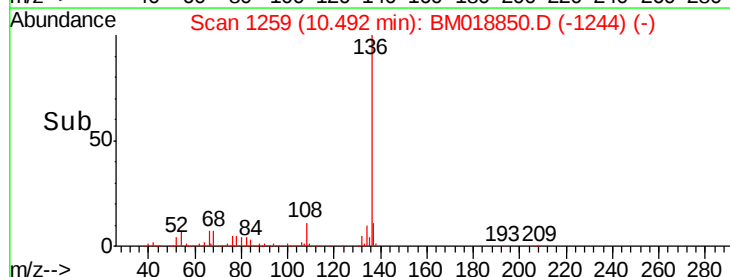
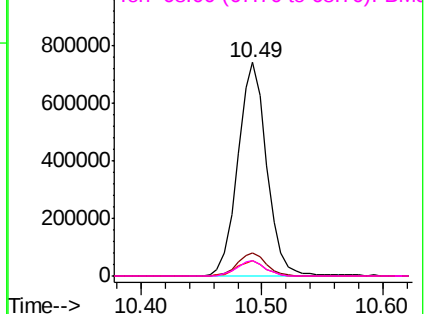
Abundance

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: 95.861 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

BNA_M

ClientSampleId :

G-021519

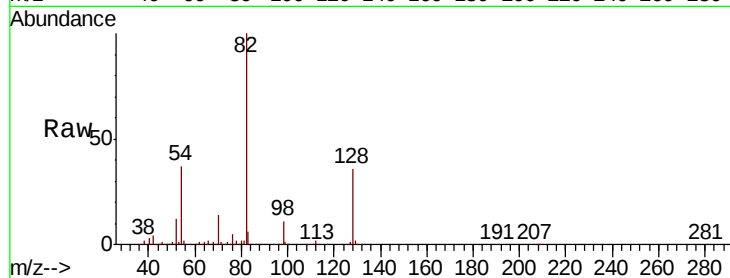
Tgt Ion: 82 Resp: 2552904

Ion Ratio Lower Upper

82 100

128 35.9 29.9 44.9

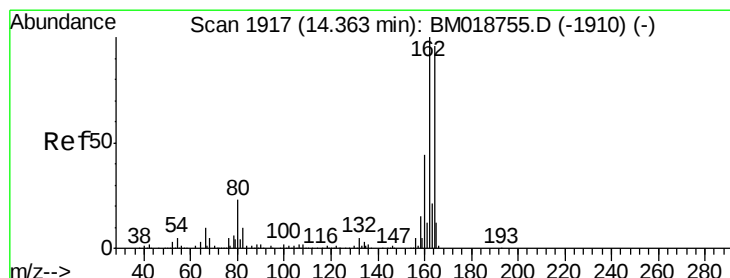
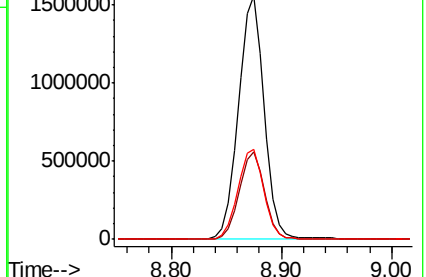
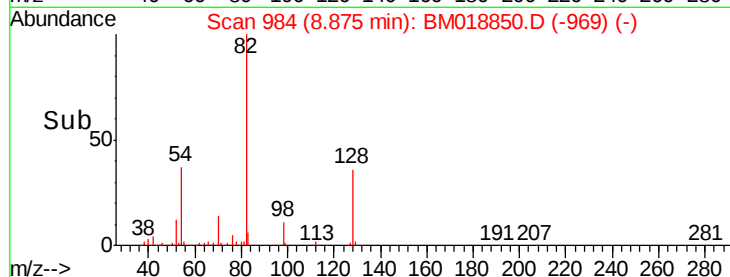
54 36.9 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

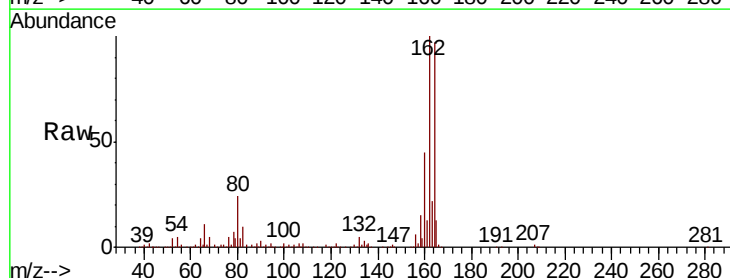
Tgt Ion: 164 Resp: 659619

Ion Ratio Lower Upper

164 100

162 103.0 83.4 125.0

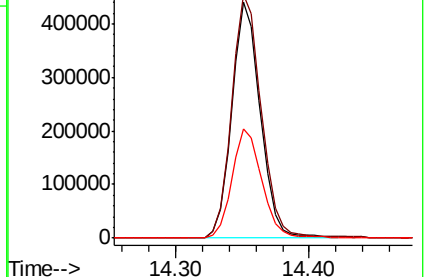
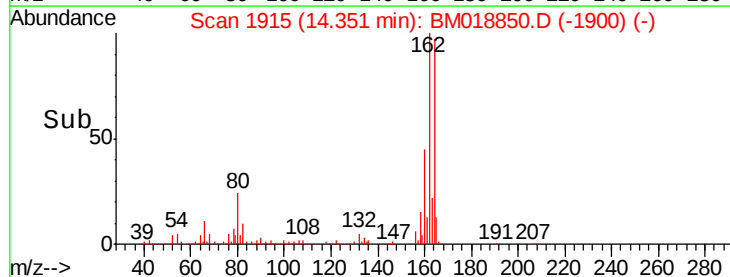
160 46.2 36.6 55.0

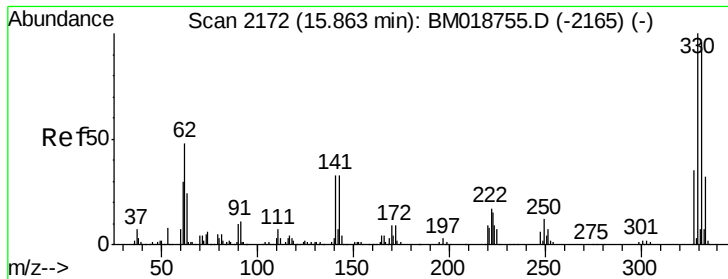


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)





#42

2,4,6-Tribromophenol

Concen: 138.097 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

BNA_M

ClientSampleId :

G-021519

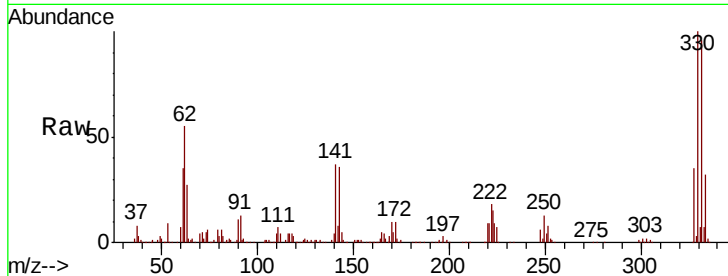
Tgt Ion:330 Resp: 1313054

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 38.0 28.7 43.1

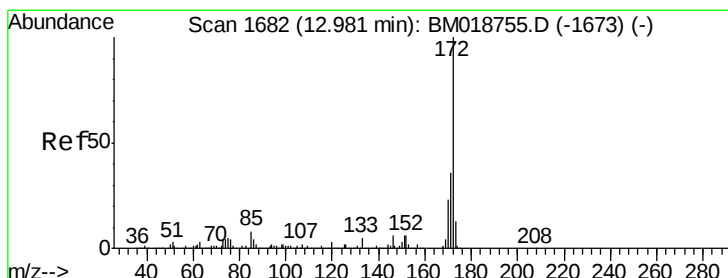
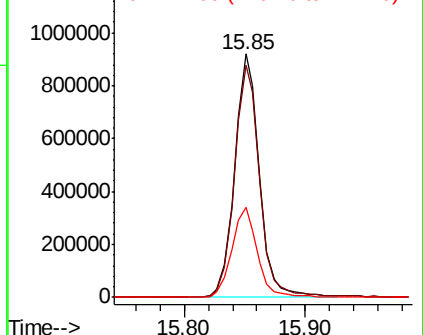
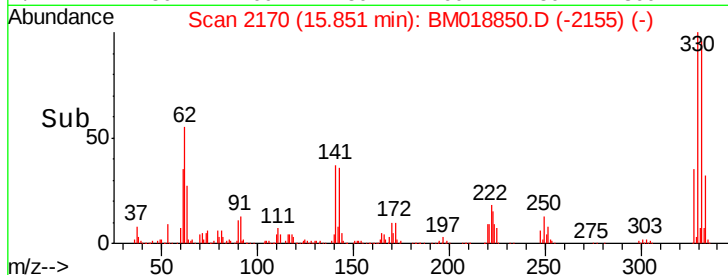


Abundance

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: 93.194 ng

RT: 12.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

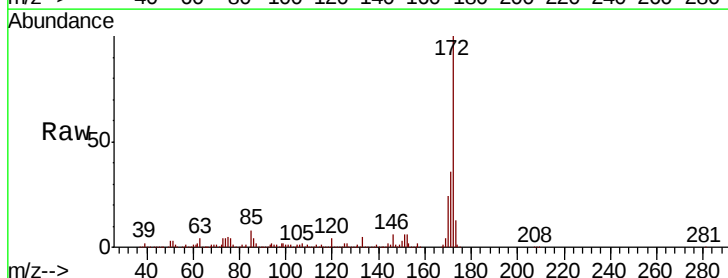
Tgt Ion:172 Resp: 4630767

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.7 18.6 28.0

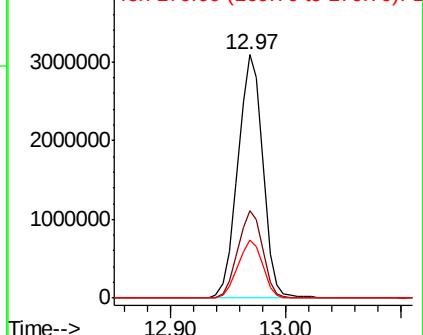
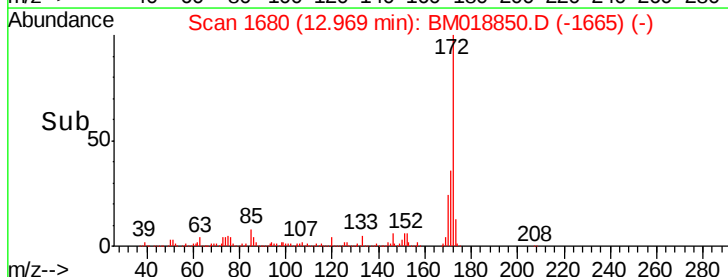


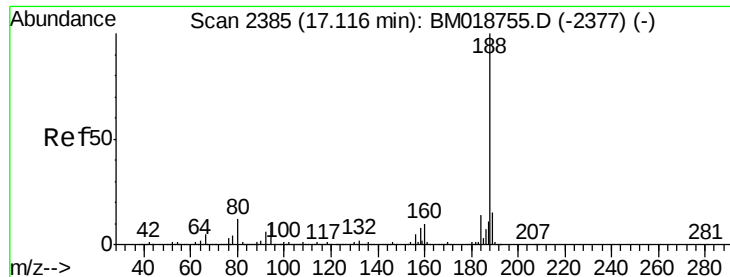
Abundance

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: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

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ClientSampleId :

G-021519

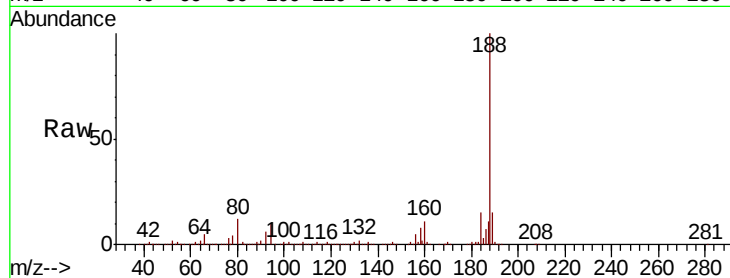
Tgt Ion:188 Resp: 1459608

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

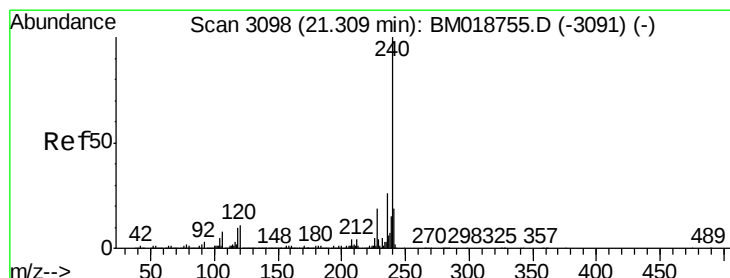
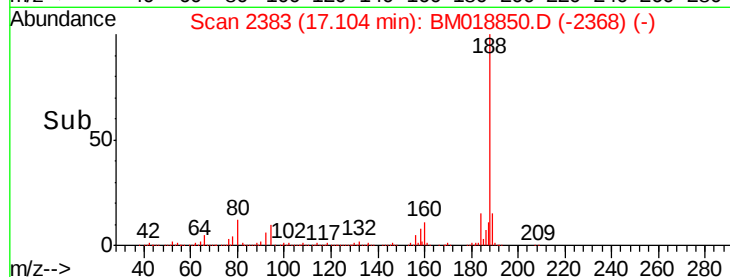
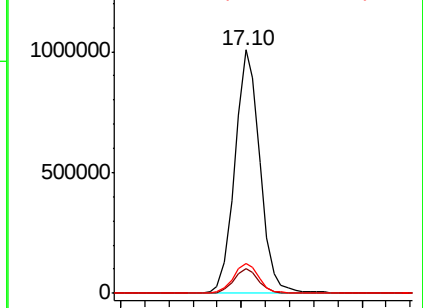
80 12.4 9.7 14.5



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: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

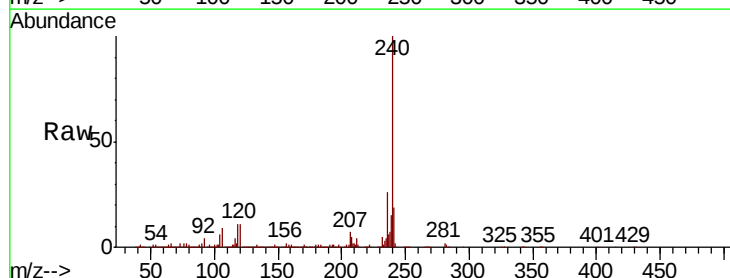
Tgt Ion:240 Resp: 1331766

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

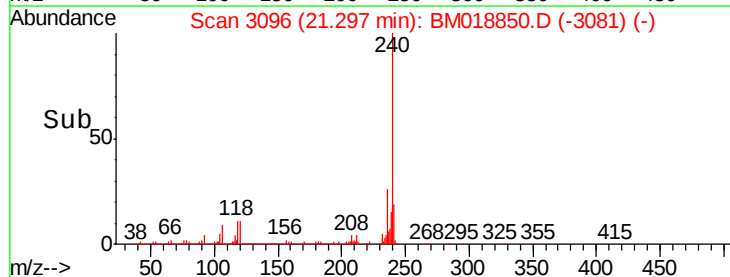
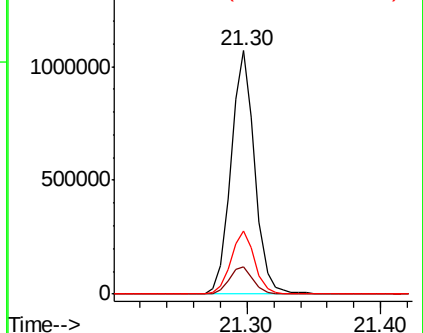
236 26.0 20.9 31.3

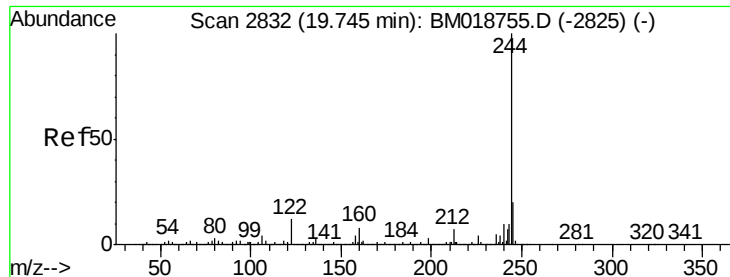


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.217 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

Instrument :

BNA_M

ClientSampleId :

G-021519

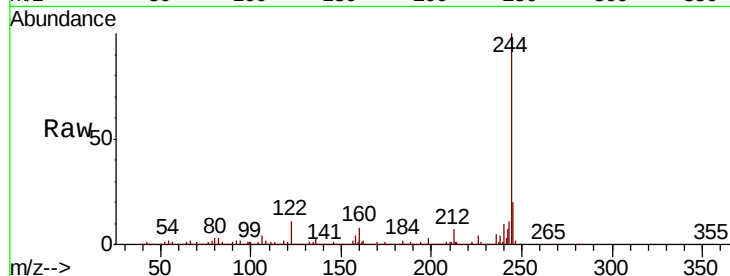
Tgt Ion:244 Resp: 7438157

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

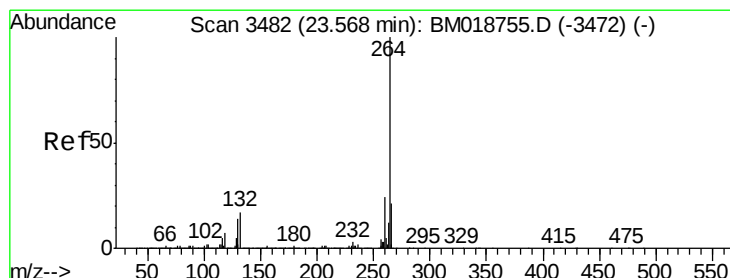
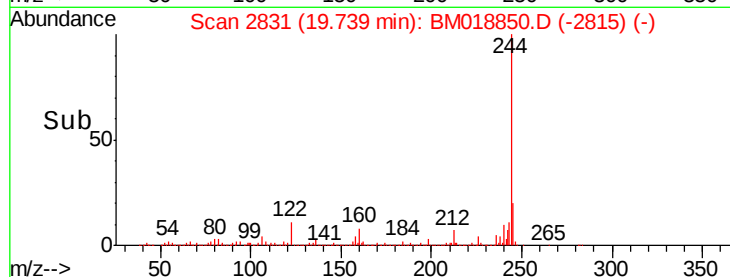
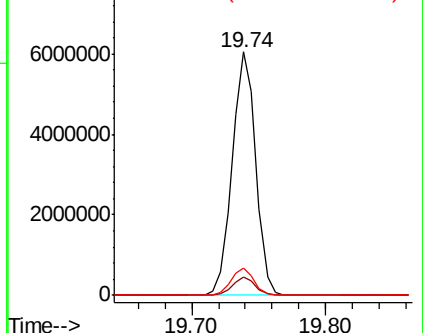
122 11.4 9.3 13.9



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: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018850.D

Acq: 18 Feb 2019 22:11

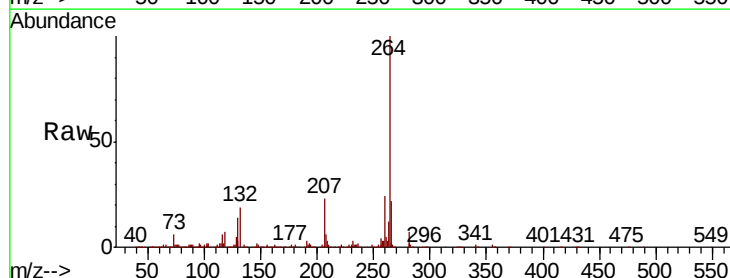
Tgt Ion:264 Resp: 1139058

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.4 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

