

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018872.D
 Acq On : 20 Feb 2019 02:25
 Operator : JU/SJ
 Sample : K1525-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-14-S

Quant Time: Feb 20 05:44:28 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	246755	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	973675	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	546831	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1317361	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1329914	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1156303	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1785818	118.58	ng	0.00
7) Phenol-d6	6.87	99	2062025	97.19	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1894997	89.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1027979	130.41	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3622265	87.93	ng	-0.01
79) Terphenyl-d14	19.74	244	6396943	99.23	ng	0.00

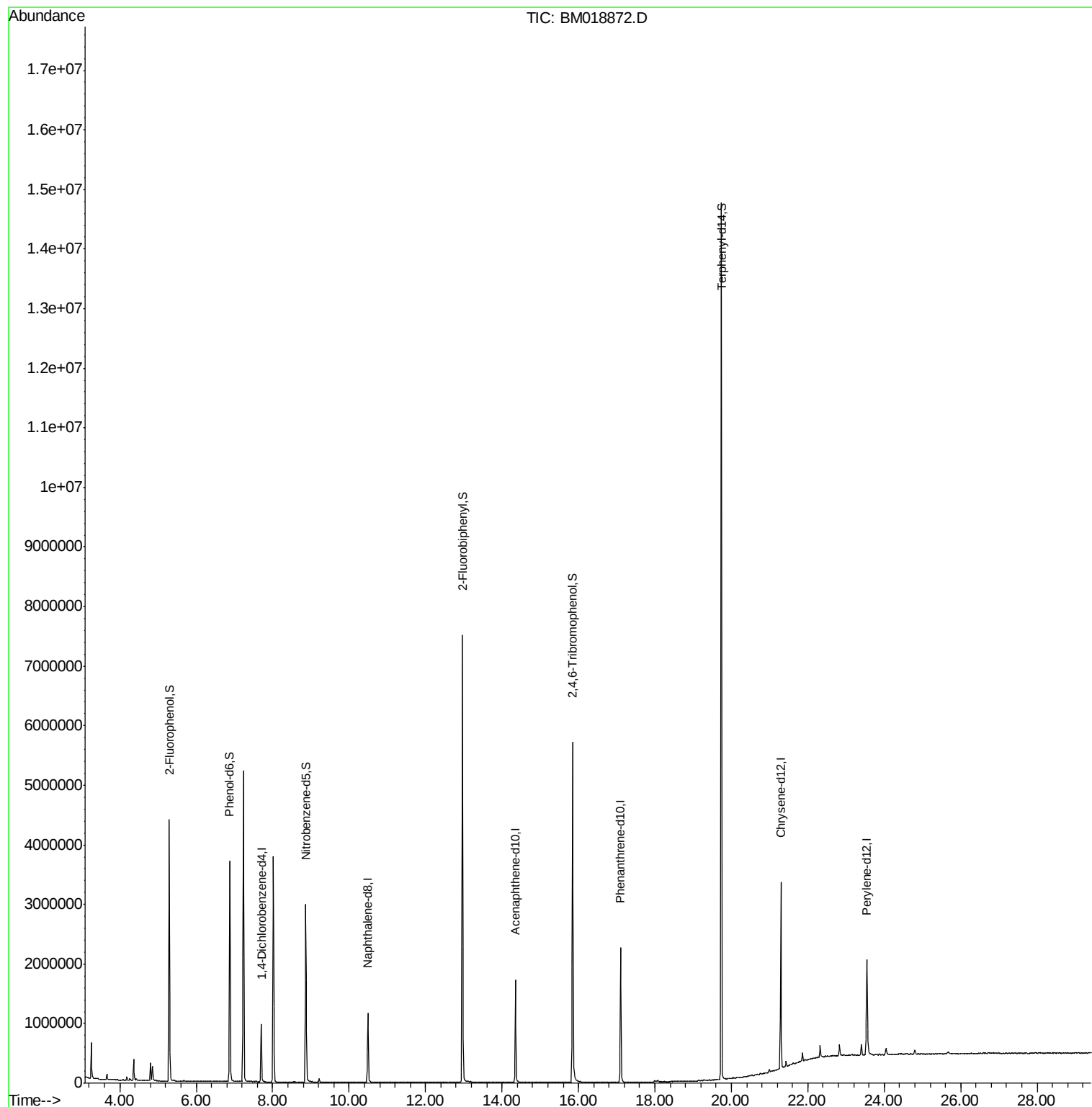
Target Compounds Qvalue

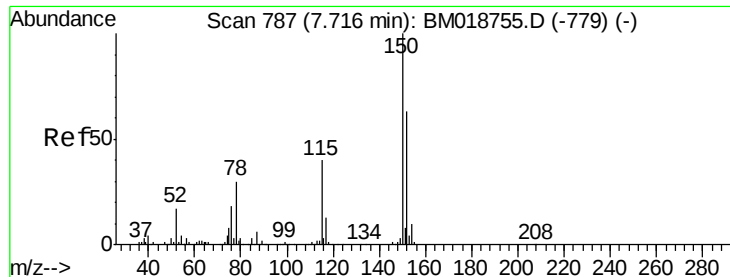
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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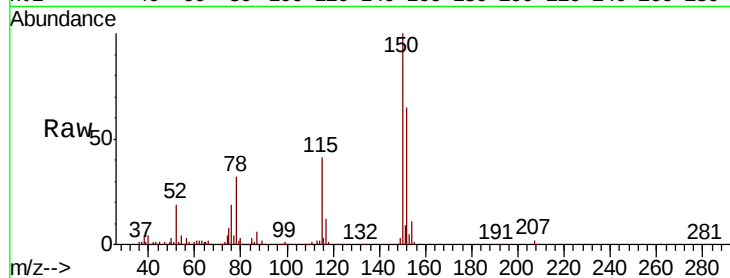


#1

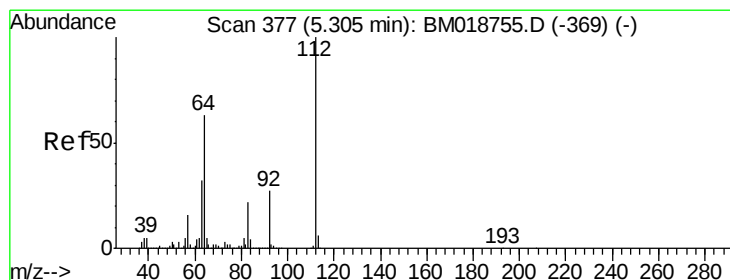
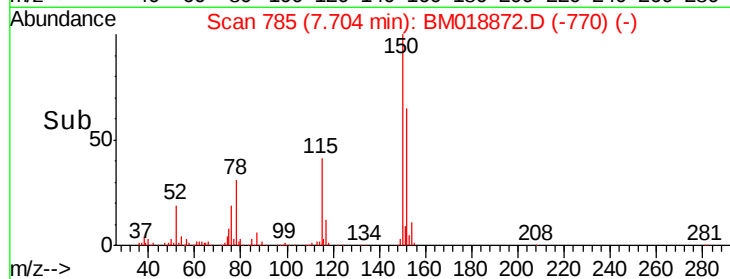
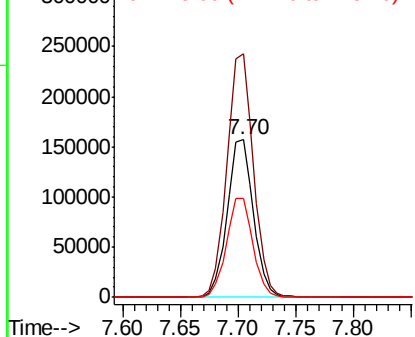
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018872.D
Acq: 20 Feb 2019 02:25

Instrument :
BNA_M
ClientSampleId :
M-14-S

Tot Ion:152 Resp: 246755
Ion Ratio Lower Upper
152 100
150 154.5 127.3 190.9
115 63.2 50.8 76.2



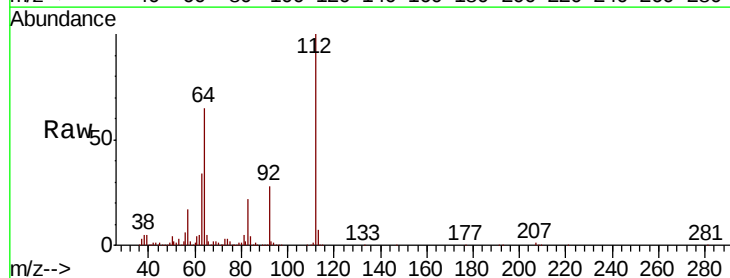
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



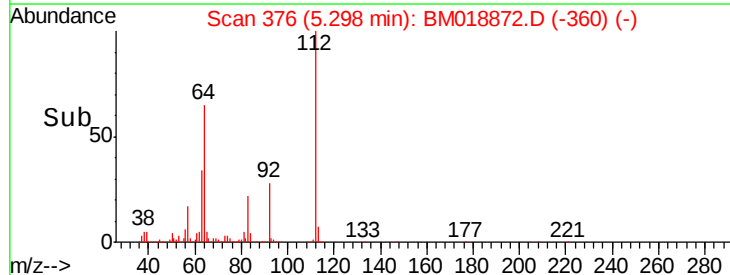
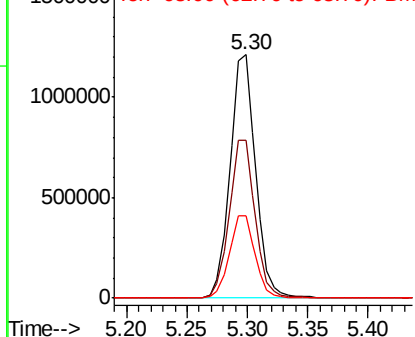
#5

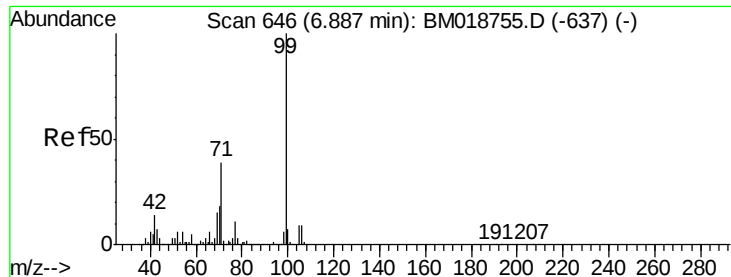
2-Fluorophenol
Concen: 118.580 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018872.D
Acq: 20 Feb 2019 02:25

Tgt Ion:112 Resp: 1785818
Ion Ratio Lower Upper
112 100
64 64.7 50.6 75.8
63 33.8 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: 97.192 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

Instrument :

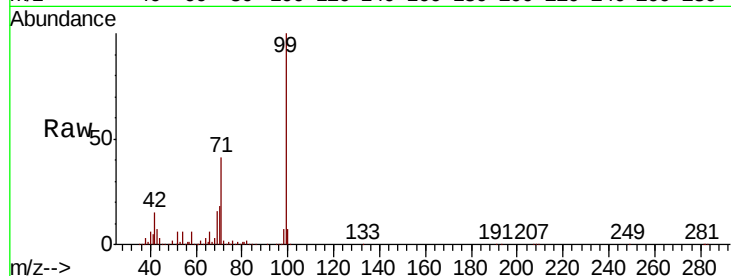
BNA_M

ClientSampleId :

M-14-S

Tot Ion: 99 Resp: 2062025

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.0	16.6
71	40.5	31.3	46.9

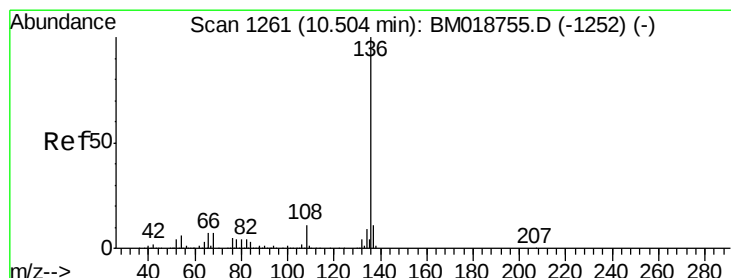
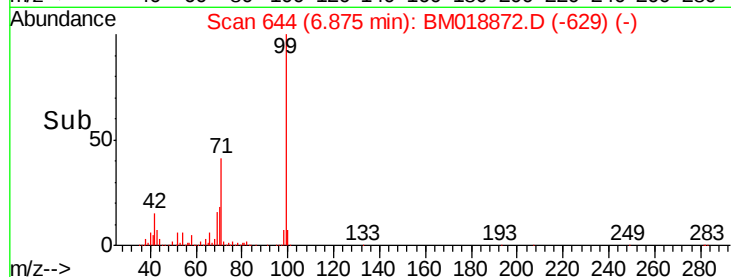
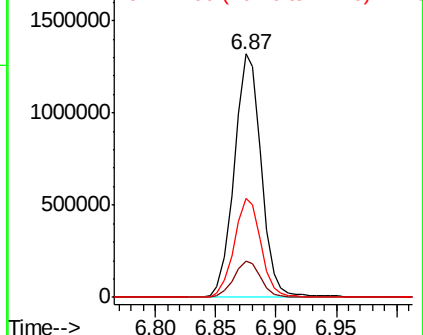


Abundance

Ion 99.00 (98.70 to 99.70): BM018872.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018872.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018872.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

Tgt Ion: 136 Resp: 973675

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.0	7.6
68	7.1	5.5	8.3

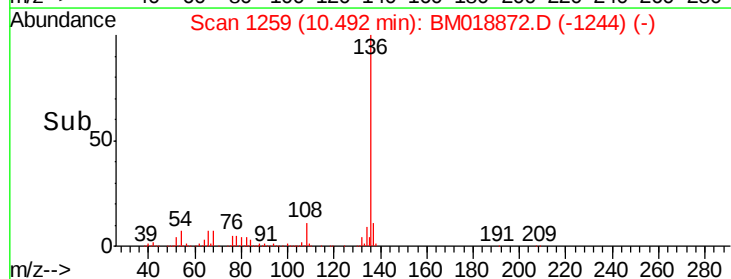
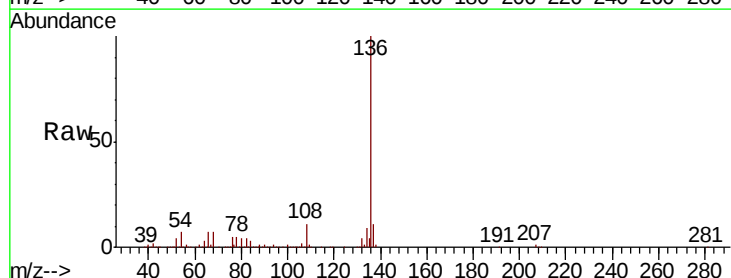
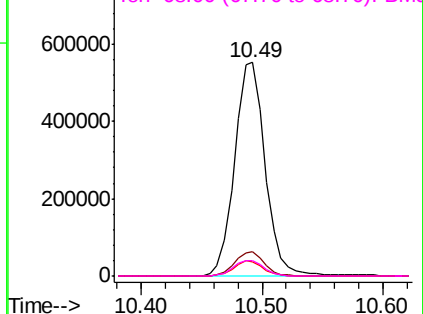
Abundance

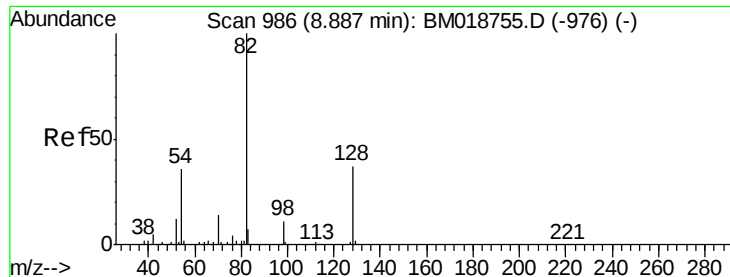
Ion 136.00 (135.70 to 136.70): BM018872.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018872.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018872.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018872.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 89.991 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

Instrument :

BNA_M

ClientSampleId :

M-14-S

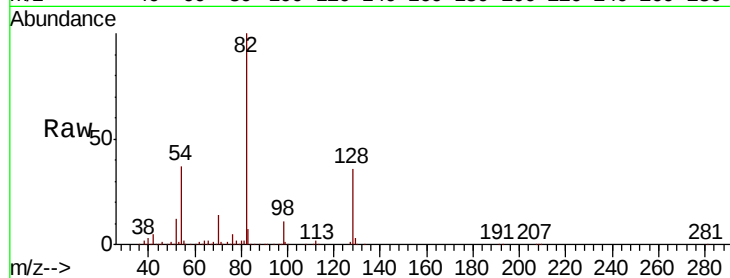
Tot Ion: 82 Resp: 1894997

Ion Ratio Lower Upper

82 100

128 35.9 29.9 44.9

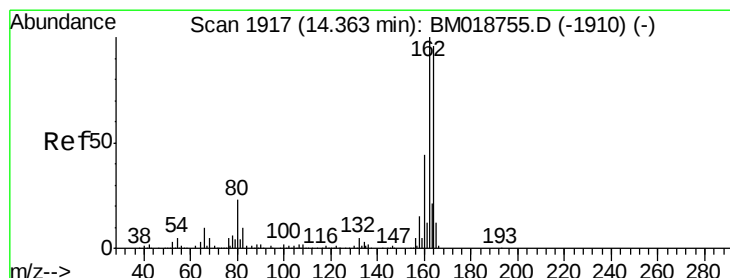
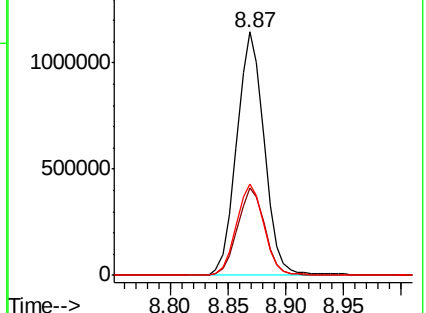
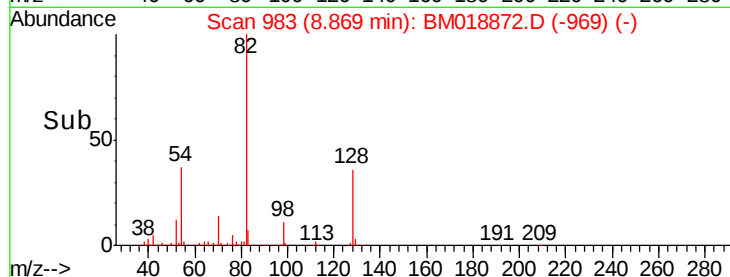
54 37.4 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018872.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018872.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018872.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

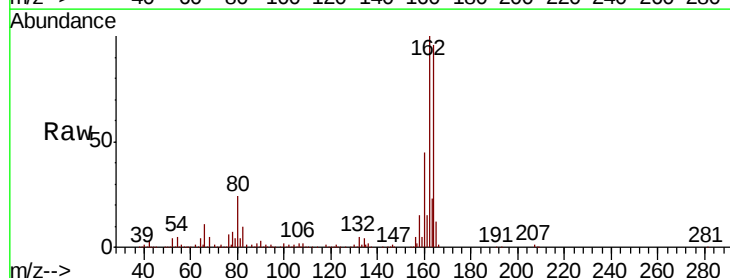
Tgt Ion:164 Resp: 546831

Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.0

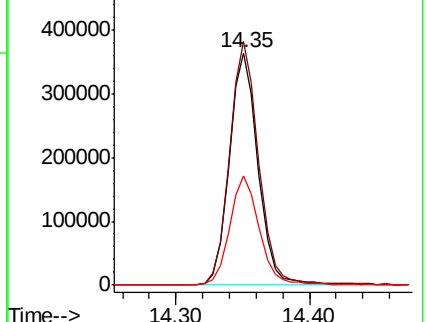
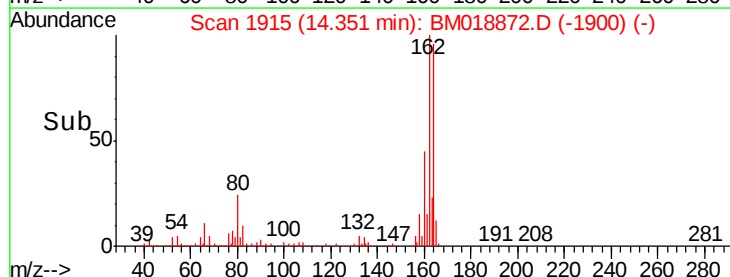
160 47.0 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018872.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018872.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018872.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 130.414 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

Instrument :

BNA_M

ClientSampleId :

M-14-S

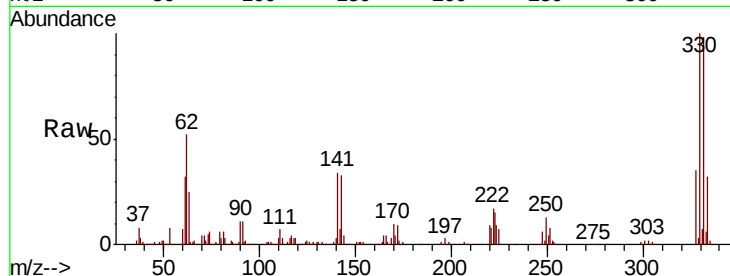
Tot Ion:330 Resp: 1027979

Ion Ratio Lower Upper

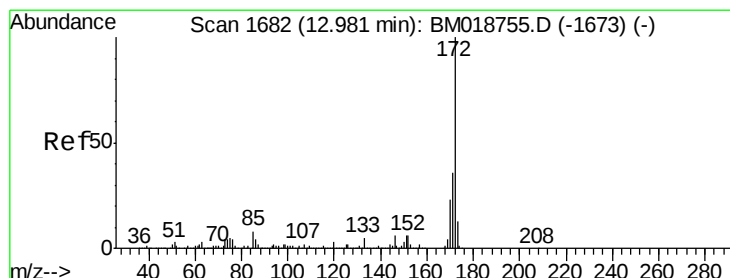
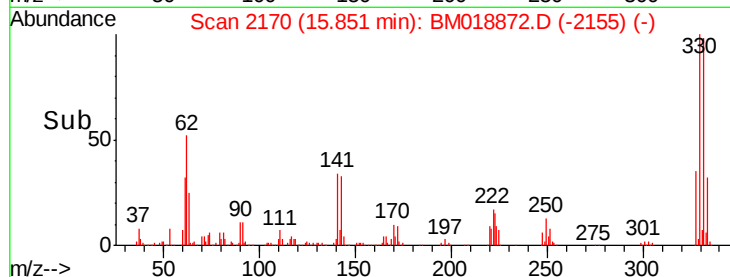
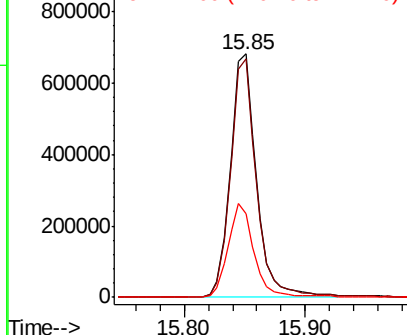
330 100

332 96.8 76.9 115.3

141 38.3 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: 87.933 ng

RT: 12.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

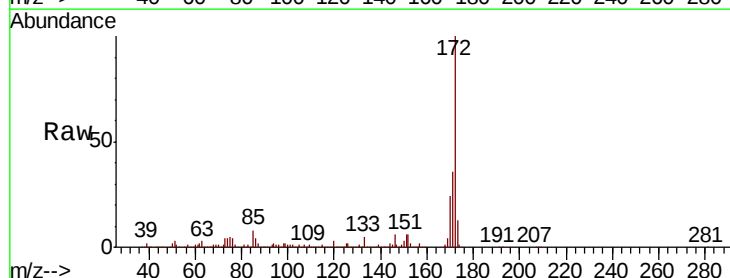
Tgt Ion:172 Resp: 3622265

Ion Ratio Lower Upper

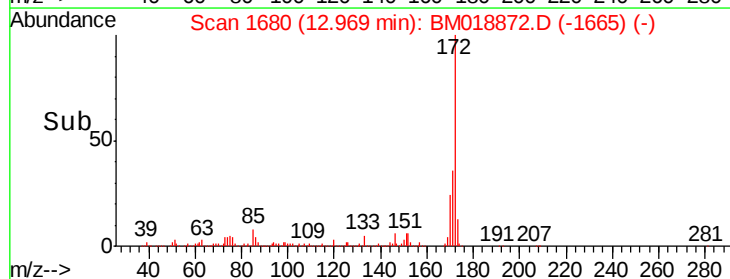
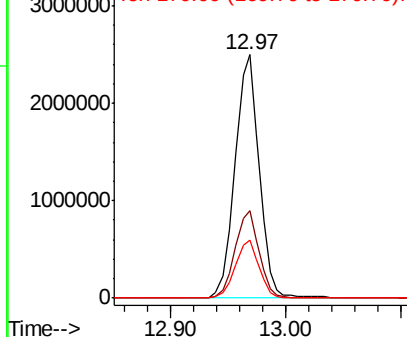
172 100

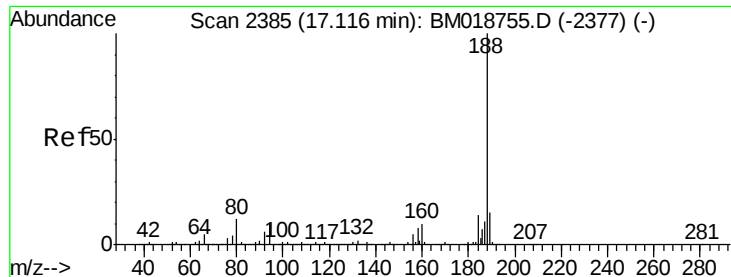
171 36.0 29.0 43.6

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: BM018872.D

Acq: 20 Feb 2019 02:25

Instrument :

BNA_M

ClientSampled :

M-14-S

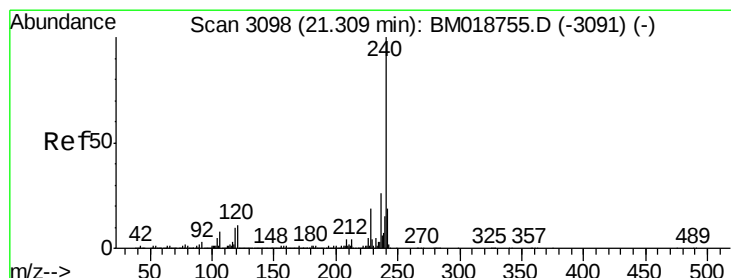
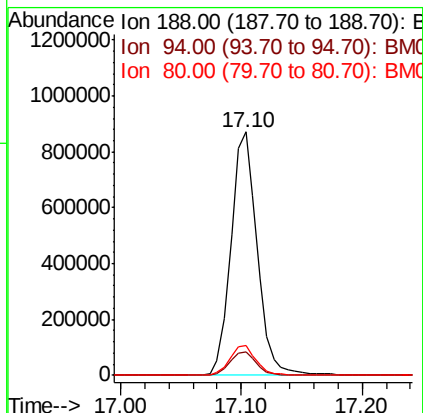
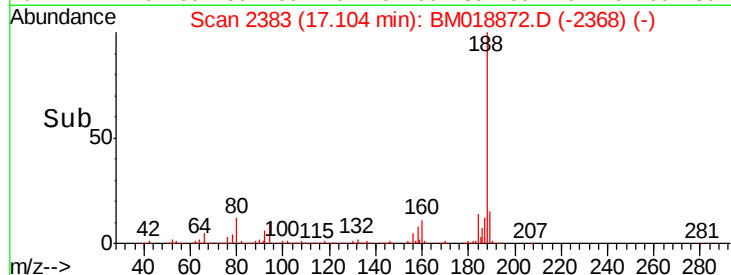
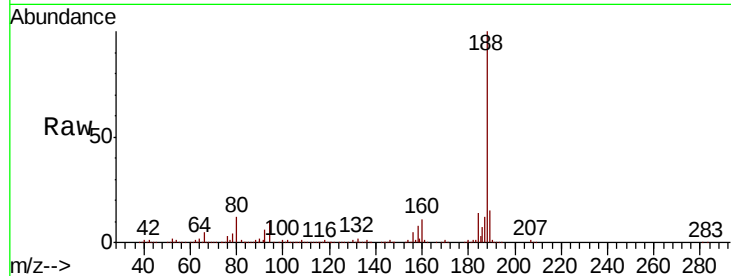
Tot Ion:188 Resp: 1317361

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

80 12.2 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

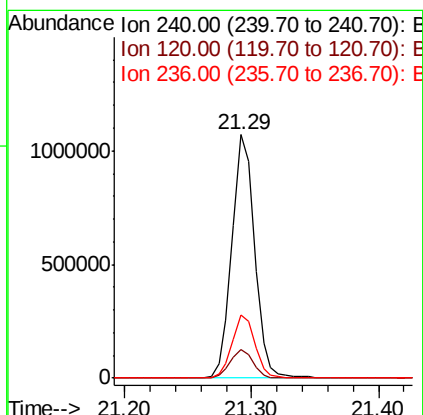
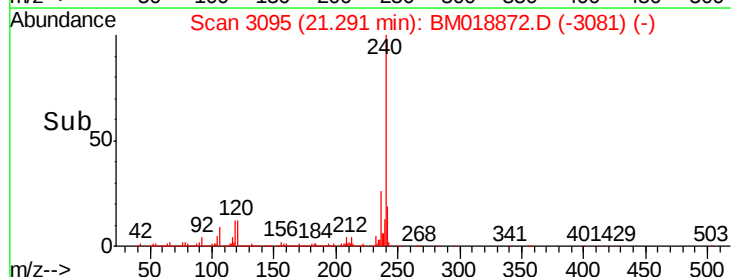
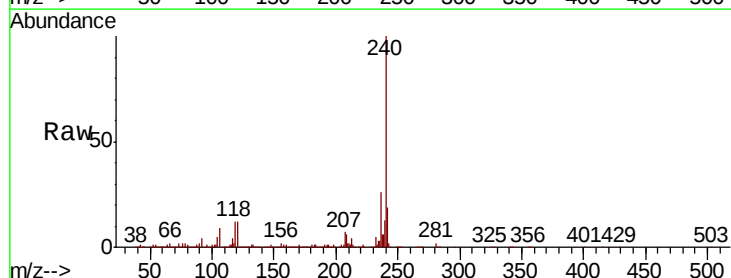
Tgt Ion:240 Resp: 1329914

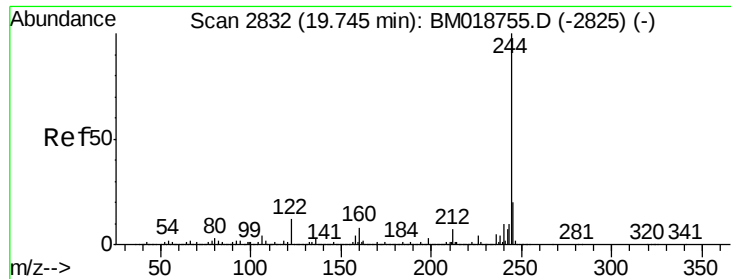
Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 99.226 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

Instrument :

BNA_M

ClientSampleId :

M-14-S

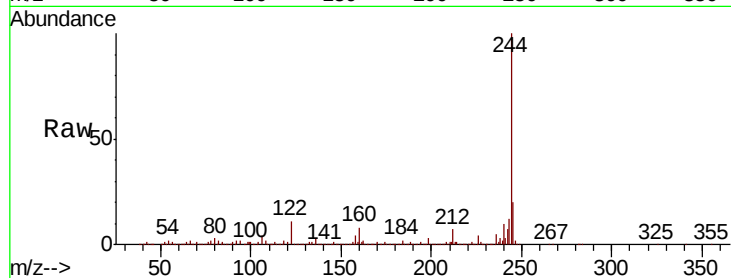
Tot Ion:244 Resp: 6396943

Ion Ratio Lower Upper

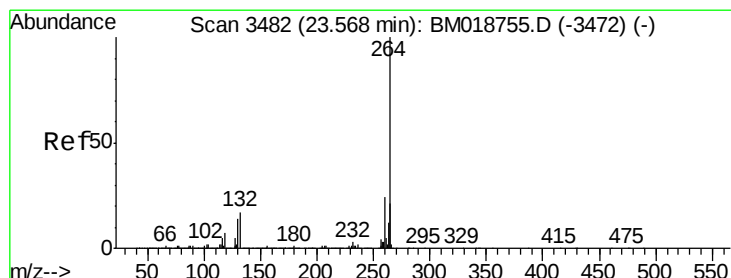
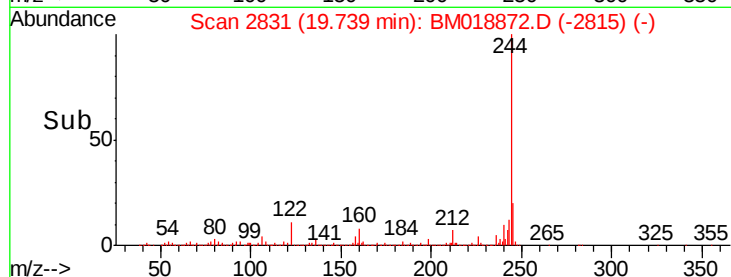
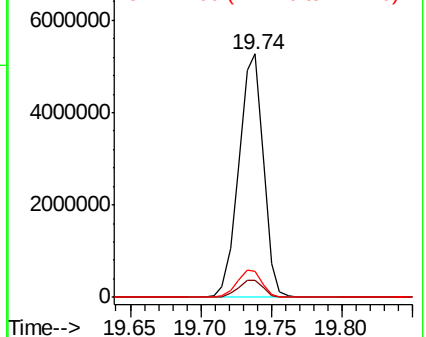
244 100

212 7.2 5.6 8.4

122 10.5 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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018872.D

Acq: 20 Feb 2019 02:25

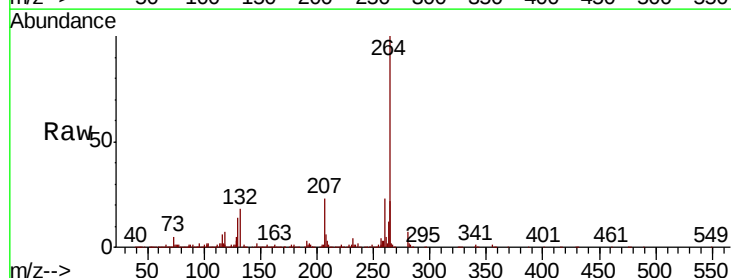
Tgt Ion:264 Resp: 1156303

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.8 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

