

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018827.D
 Acq On : 15 Feb 2019 21:19
 Operator : JU/SJ
 Sample : K1484-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-2-S

Quant Time: Feb 15 23:24:32 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	7.71	152	329650	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1306399	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	725068	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1625382	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1440543	20.00	ng	0.00
87) Perylene-d12	23.56	264	1206839	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2609094	129.68	ng	0.00
7) Phenol-d6	6.89	99	3231128	114.00	ng	0.00
23) Nitrobenzene-d5	8.87	82	2580566	91.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1397327	133.69	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4881734	89.38	ng	0.00
79) Terphenyl-d14	19.74	244	7705219	110.34	ng	0.00

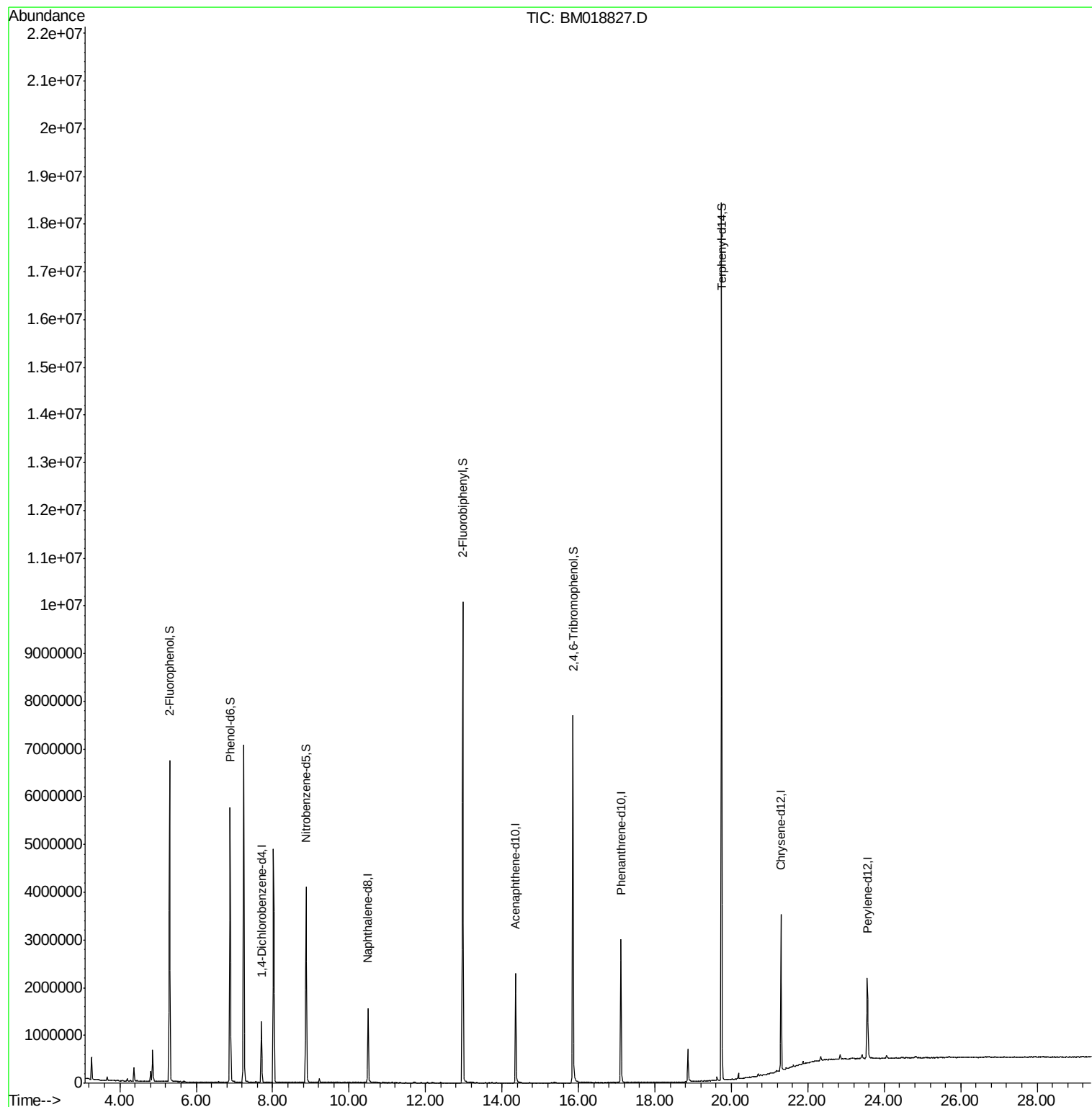
Target Compounds Qvalue

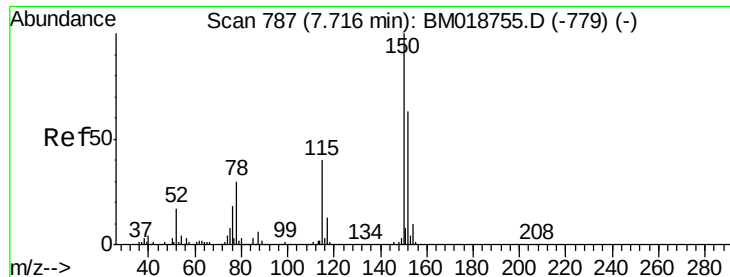
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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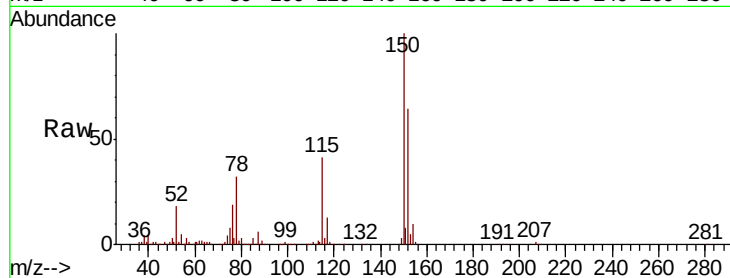


#1

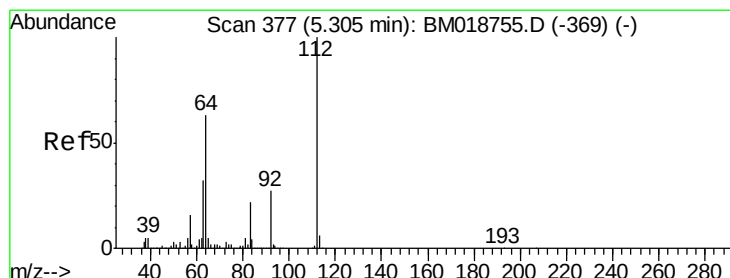
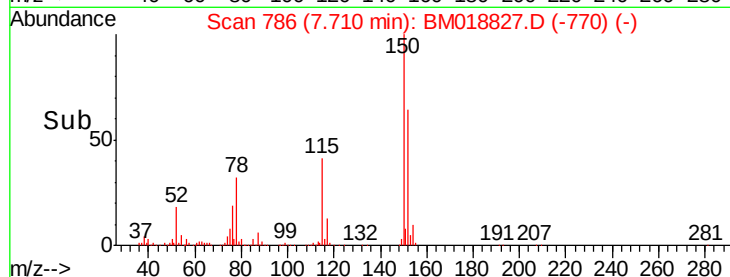
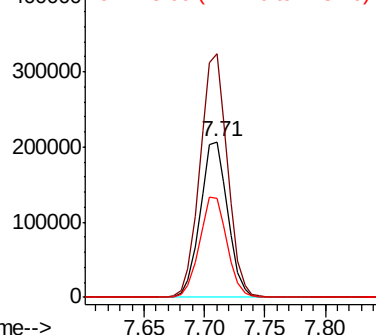
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018827.D
Acq: 15 Feb 2019 21:19

Instrument :
BNA_M
ClientSampleId :
M-2-S

Tot Ion:152 Resp: 329650
Ion Ratio Lower Upper
152 100
150 156.3 127.3 190.9
115 63.5 50.8 76.2



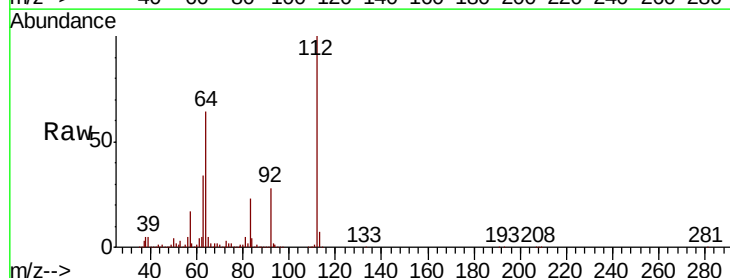
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



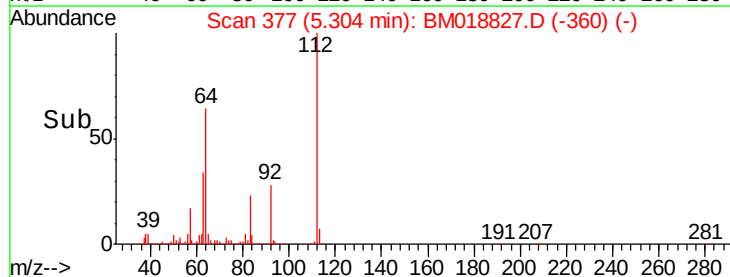
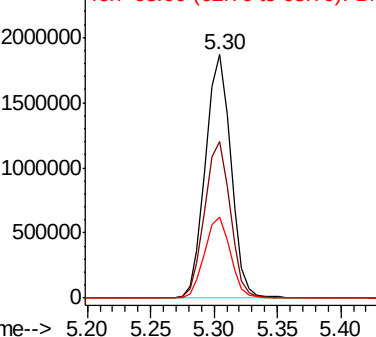
#5

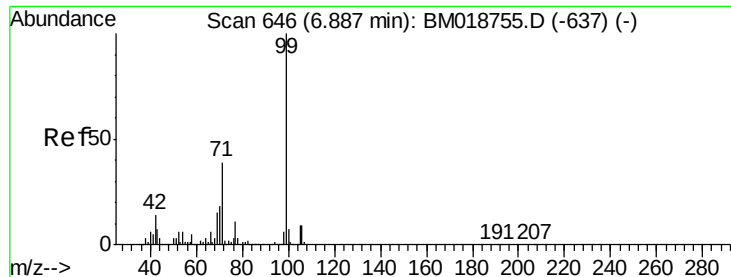
2-Fluorophenol
Concen: 129.681 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018827.D
Acq: 15 Feb 2019 21:19

Tgt Ion:112 Resp: 2609094
Ion Ratio Lower Upper
112 100
64 64.3 50.6 75.8
63 33.5 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: 114.000 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

Instrument :

BNA_M

ClientSampled :

M-2-S

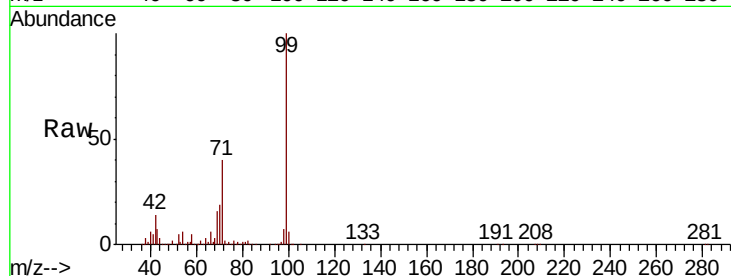
Tot Ion: 99 Resp: 3231128

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

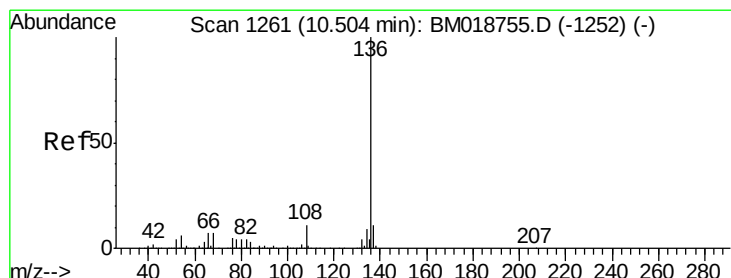
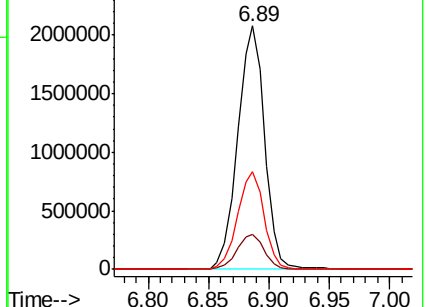
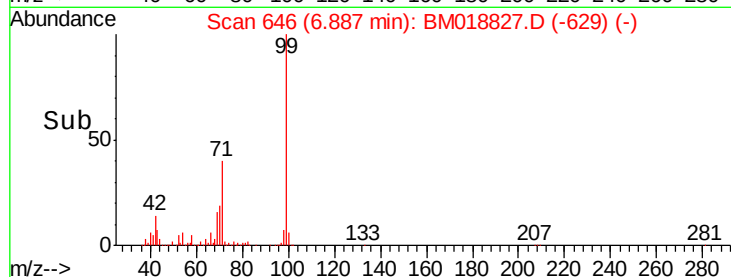
71 40.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018827.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018827.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018827.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

Tgt Ion: 136 Resp: 1306399

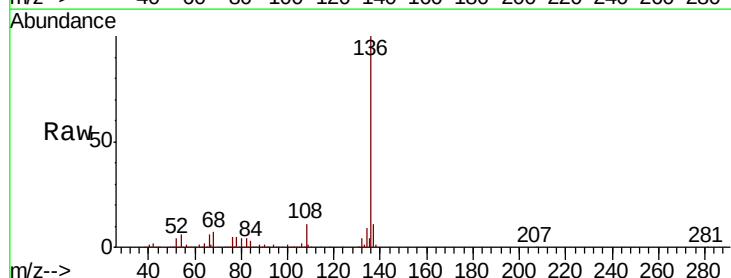
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.3 5.0 7.6

68 7.1 5.5 8.3

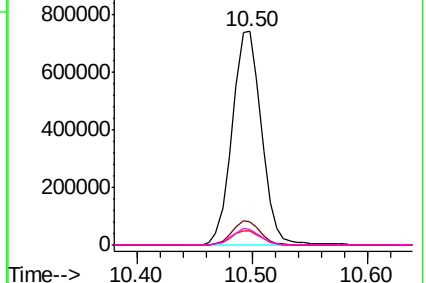
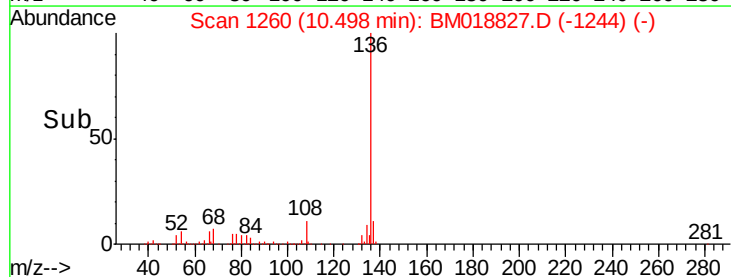


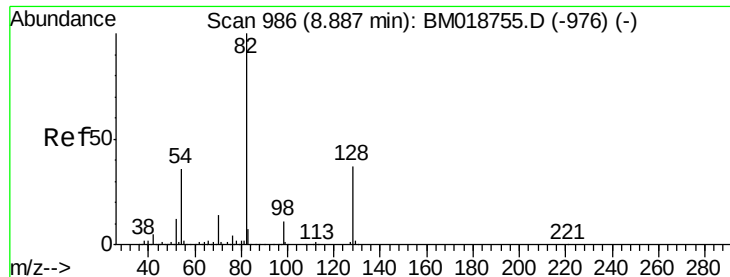
Abundance Ion 136.00 (135.70 to 136.70): BM018827.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018827.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018827.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018827.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 91.336 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

Instrument :

BNA_M

ClientSampleId :

M-2-S

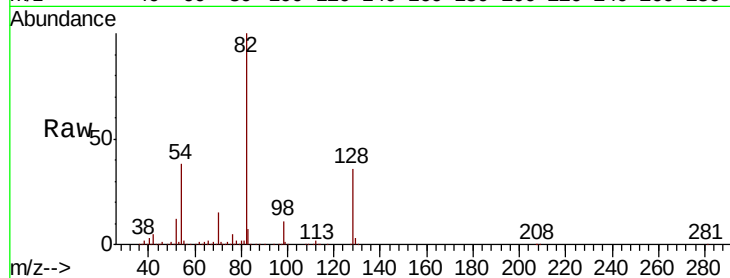
Tot Ion: 82 Resp: 2580566

Ion Ratio Lower Upper

82 100

128 36.0 29.9 44.9

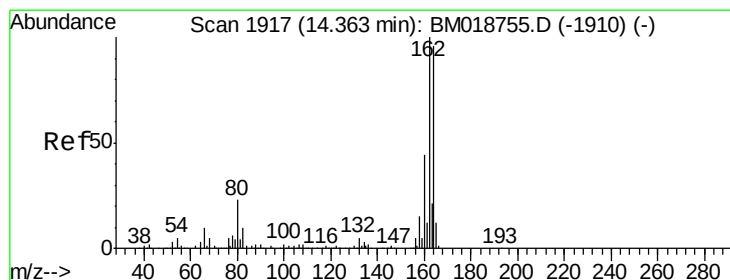
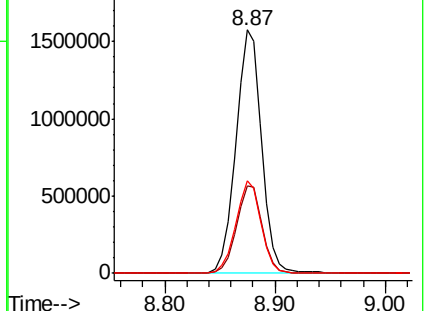
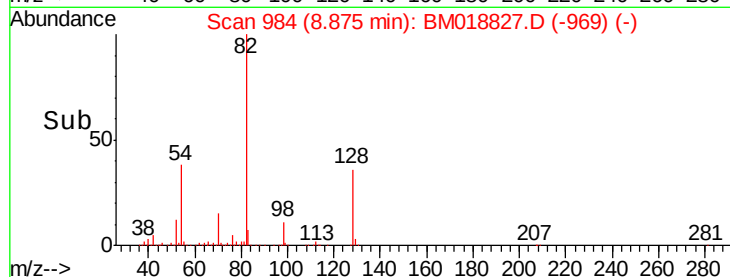
54 38.0 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018827.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018827.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018827.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

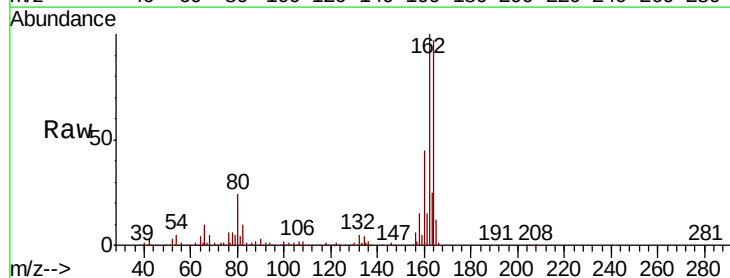
Tgt Ion: 164 Resp: 725068

Ion Ratio Lower Upper

164 100

162 103.4 83.4 125.0

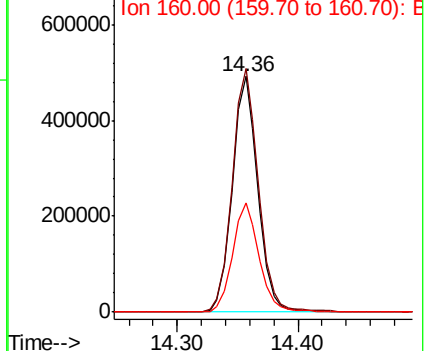
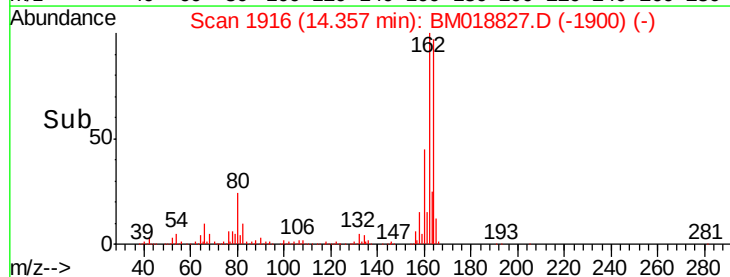
160 46.5 36.6 55.0

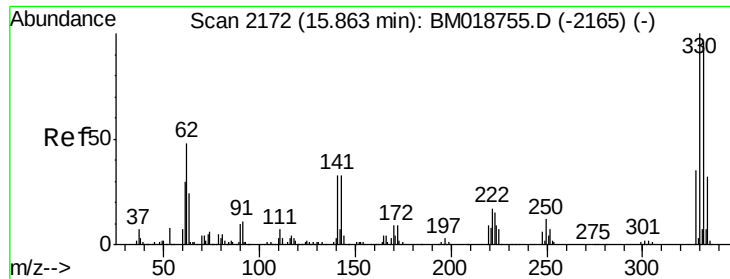


Abundance Ion 164.00 (163.70 to 164.70): BM018827.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018827.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018827.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 133.694 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

Instrument :

BNA_M

ClientSampleId :

M-2-S

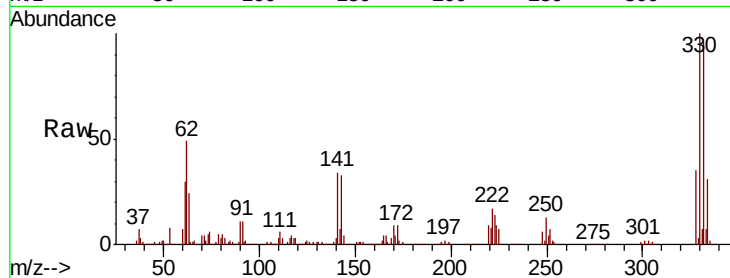
Tot Ion:330 Resp: 1397327

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

141 36.9 28.7 43.1

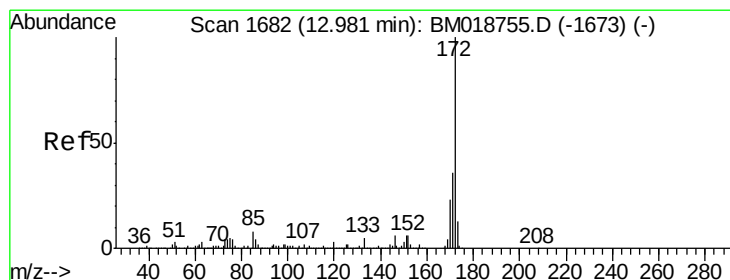
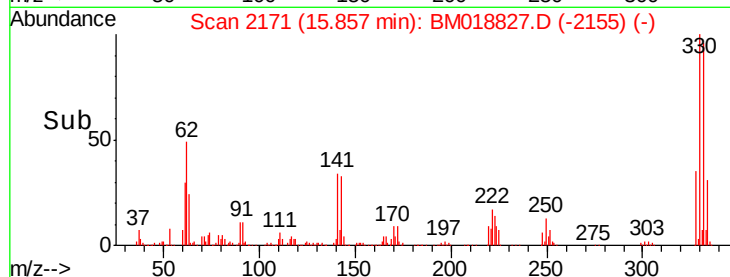
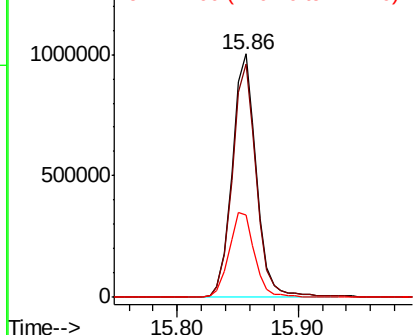


Abundance

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: 89.376 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

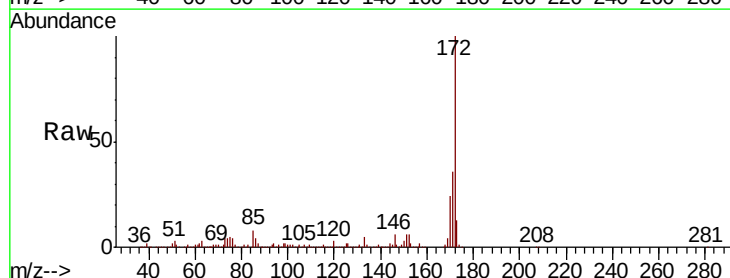
Tgt Ion:172 Resp: 4881734

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.8 18.6 28.0

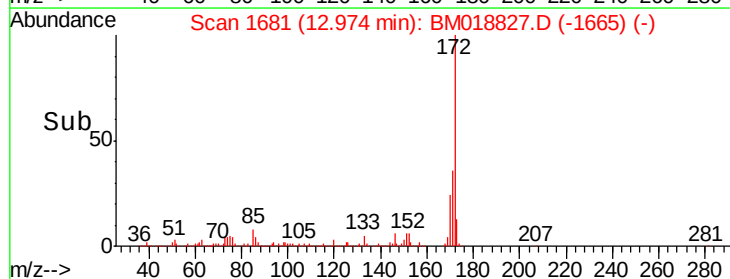
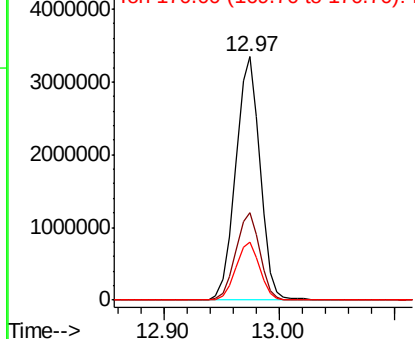


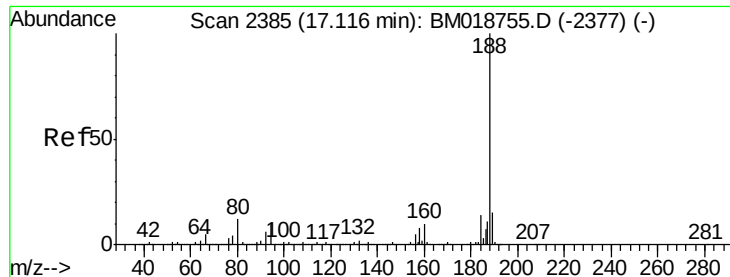
Abundance

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

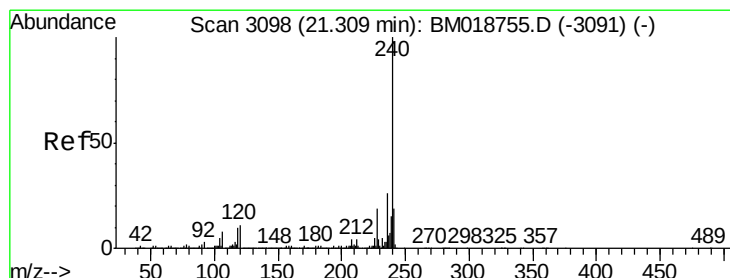
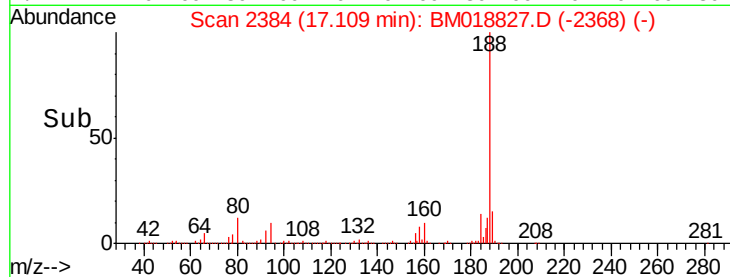
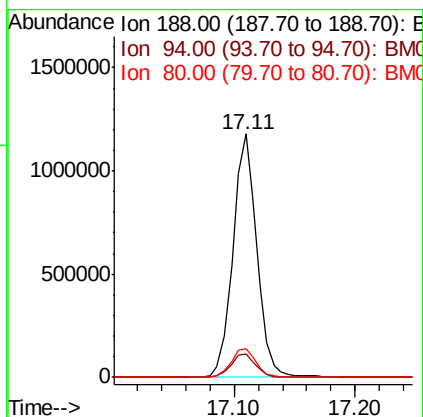
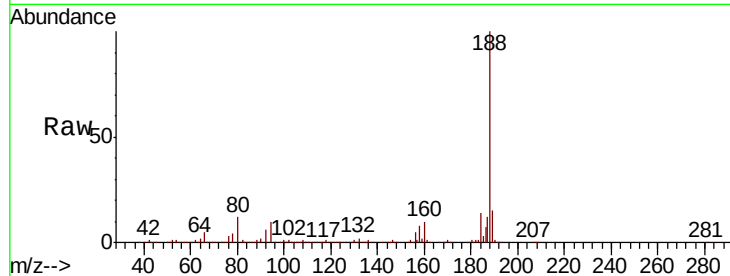




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018827.D
Acq: 15 Feb 2019 21:19

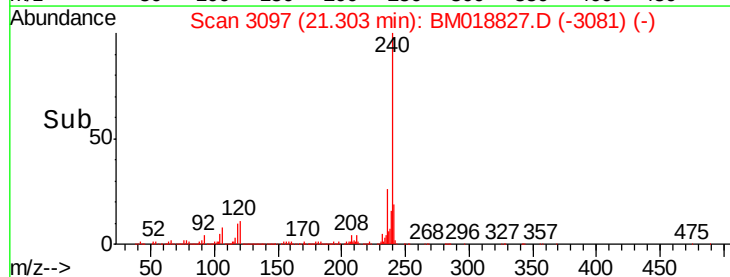
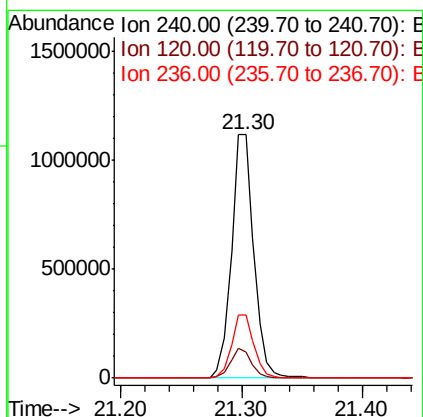
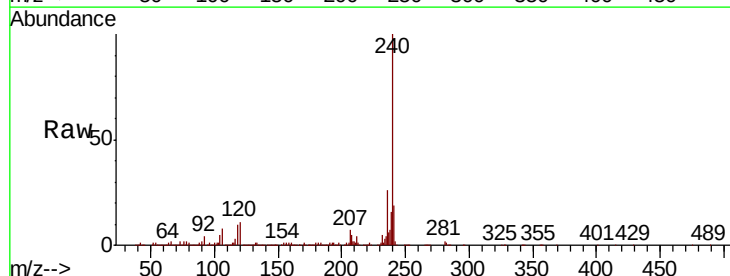
Instrument :
BNA_M
ClientSampleId :
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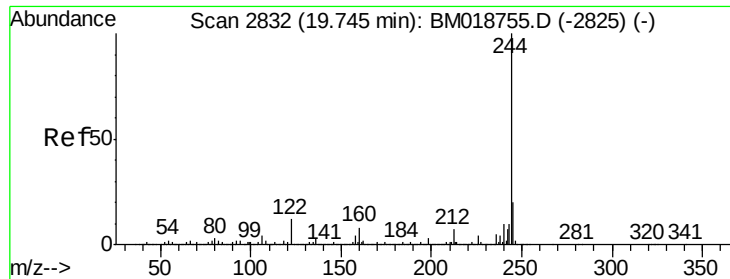
Tot Ion:188 Resp: 1625382
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018827.D
Acq: 15 Feb 2019 21:19

Tgt Ion:240 Resp: 1440543
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 110.341 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

Instrument :

BNA_M

ClientSampleId :

M-2-S

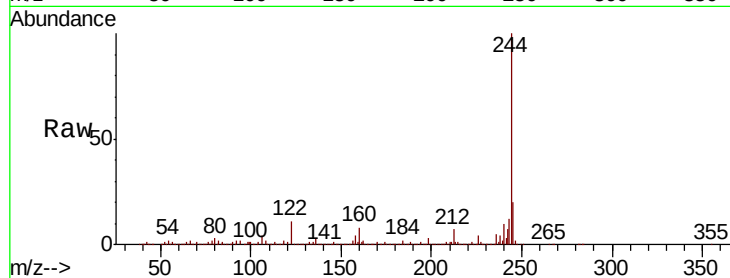
Tot Ion:244 Resp: 7705219

Ion Ratio Lower Upper

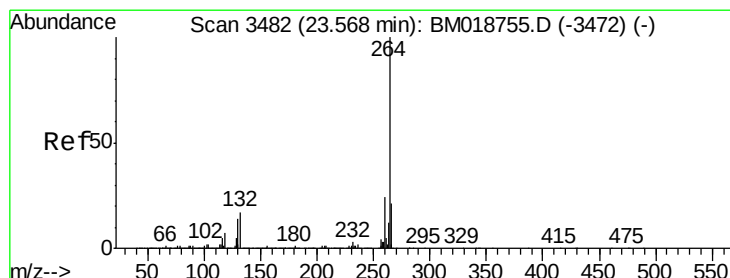
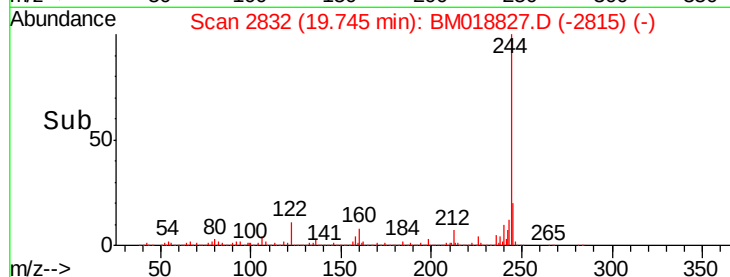
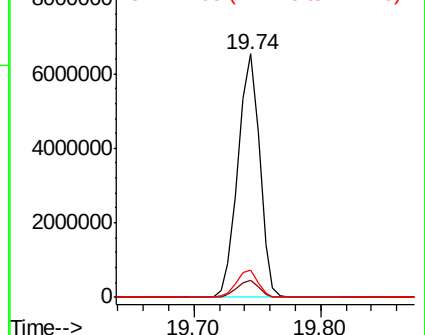
244 100

212 7.2 5.6 8.4

122 11.1 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: 23.56 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM018827.D

Acq: 15 Feb 2019 21:19

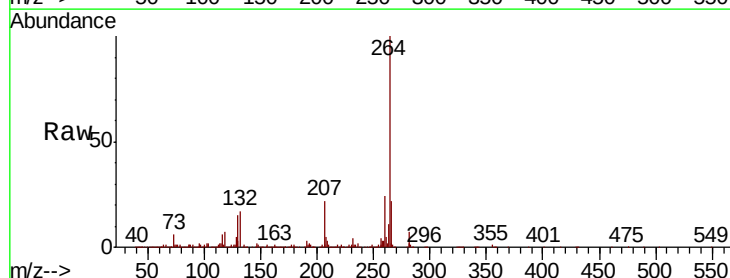
Tgt Ion:264 Resp: 1206839

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.1 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

