

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022119\
 Data File : BM018895.D
 Acq On : 21 Feb 2019 14:44
 Operator : JU/SJ
 Sample : PB117235BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BL

Quant Time: Feb 21 21:55:00 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

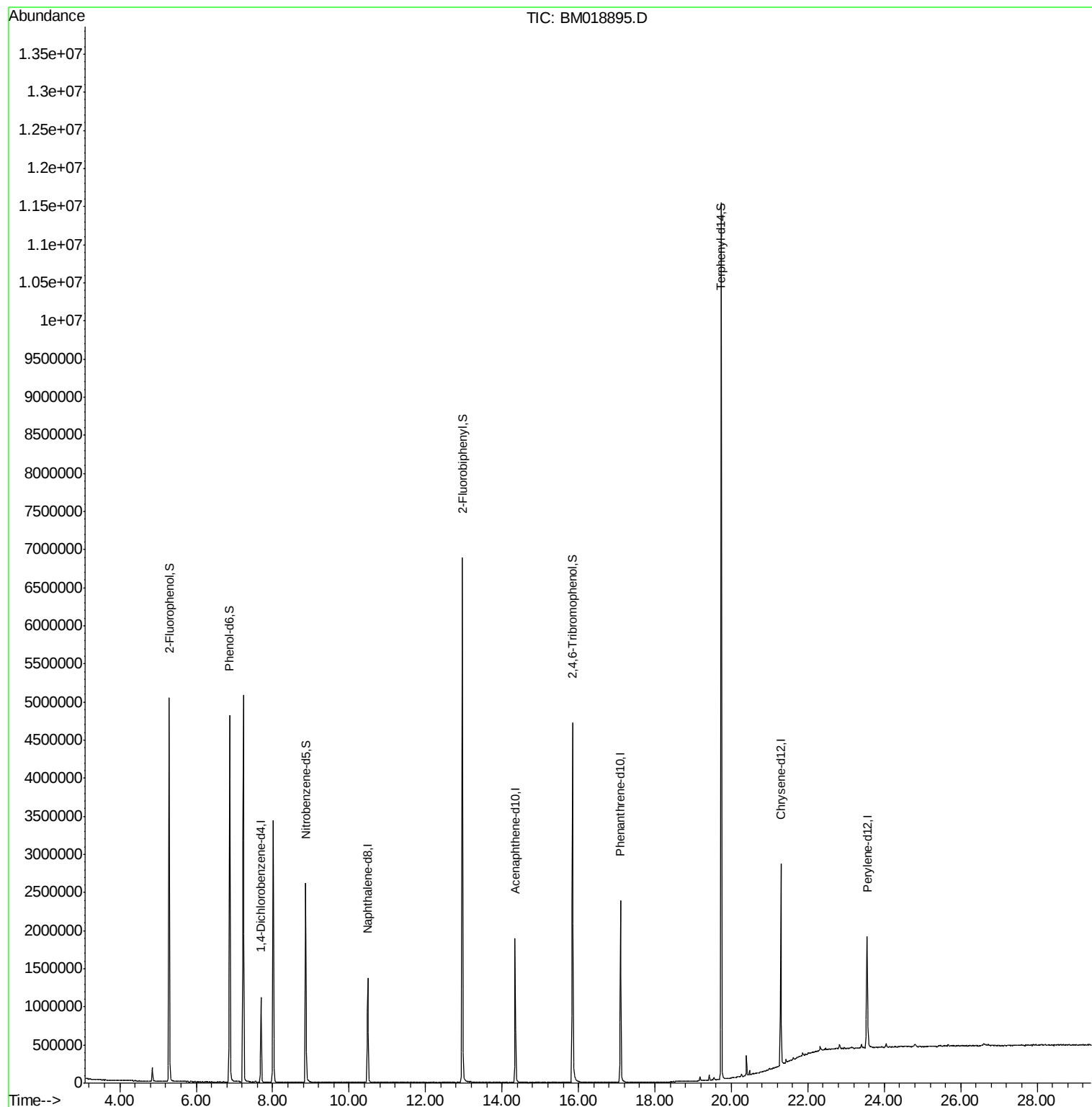
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	282912	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1133641	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	621301	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1378049	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1195327	20.00	ng	-0.02
87) Perylene-d12	23.55	264	1067265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1957384	113.36	ng	-0.01
7) Phenol-d6	6.87	99	2658565	109.30	ng	-0.01
23) Nitrobenzene-d5	8.86	82	1716126	70.00	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	866133	96.71	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3369389	71.99	ng	-0.02
79) Terphenyl-d14	19.73	244	4985973	86.05	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	6997	Below Cal	Qvalue #	7

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

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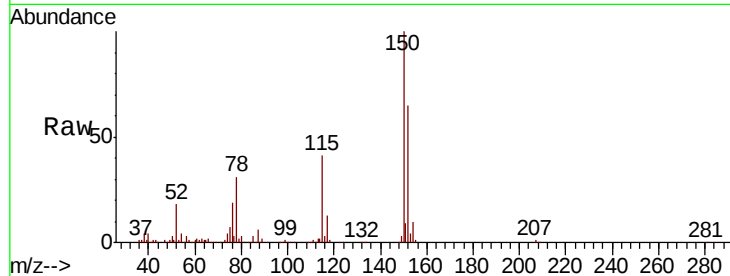


#1

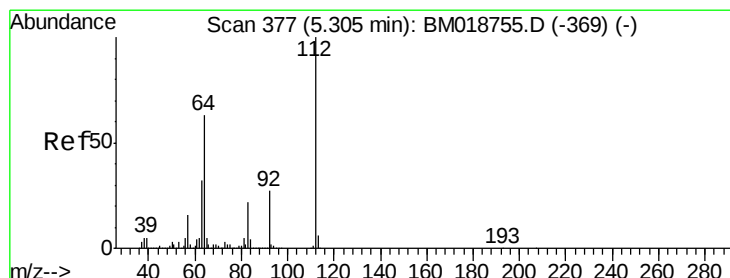
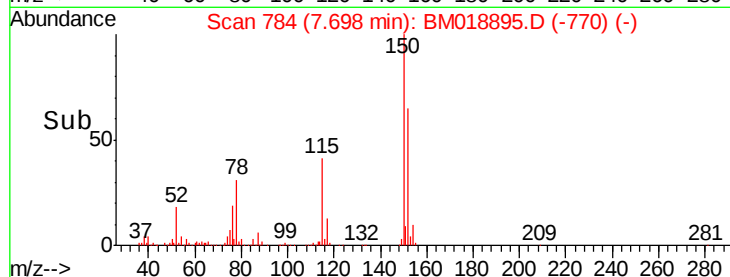
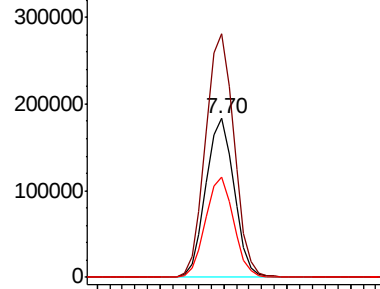
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018895.D
 Acq: 21 Feb 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BL

Tgt Ion:152 Resp: 282912
 Ion Ratio Lower Upper
 152 100
 150 153.1 127.3 190.9
 115 63.1 50.8 76.2



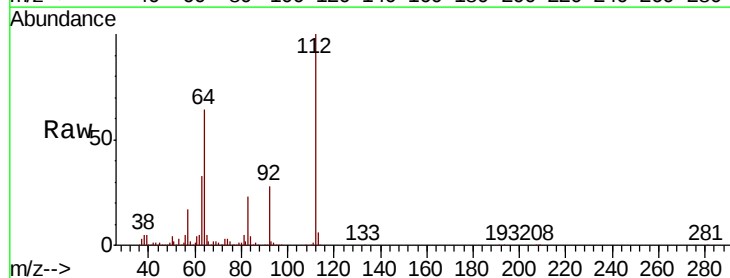
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



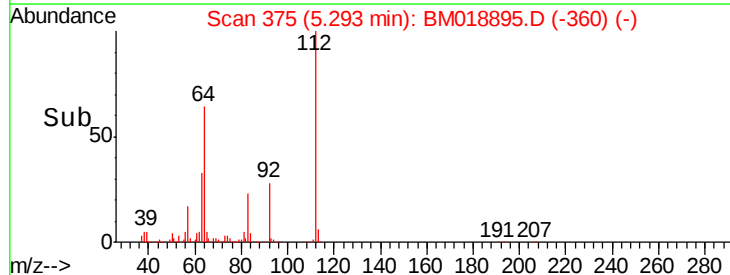
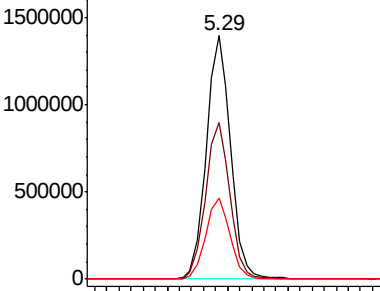
#5

2-Fluorophenol
 Concen: 113.361 ng
 RT: 5.29 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BM018895.D
 Acq: 21 Feb 2019 14:44

Tgt Ion:112 Resp: 1957384
 Ion Ratio Lower Upper
 112 100
 64 64.1 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: 109.295 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018895.D

Acq: 21 Feb 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117235BL

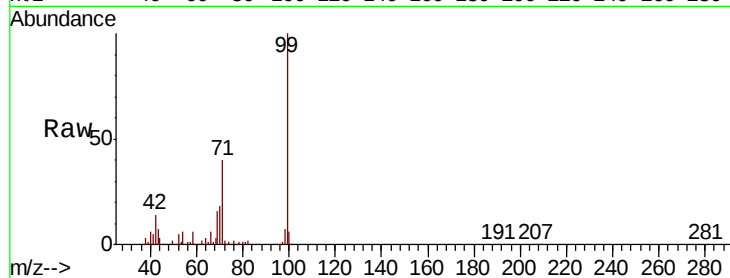
Tgt Ion: 99 Resp: 2658565

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

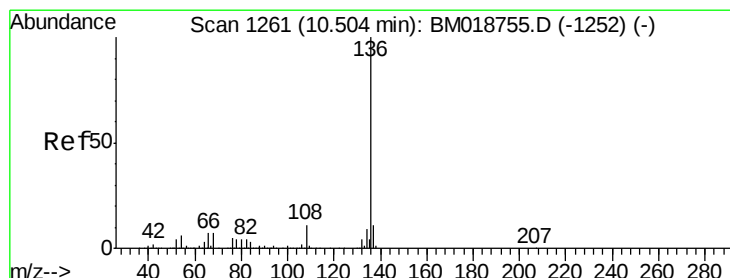
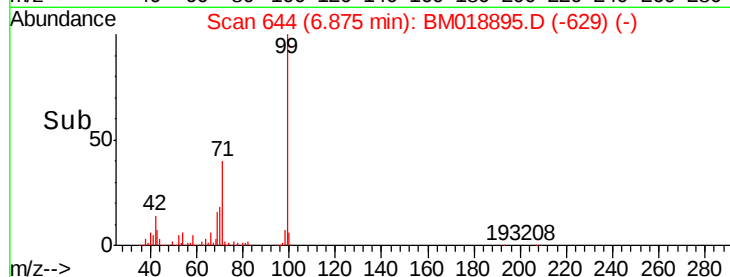
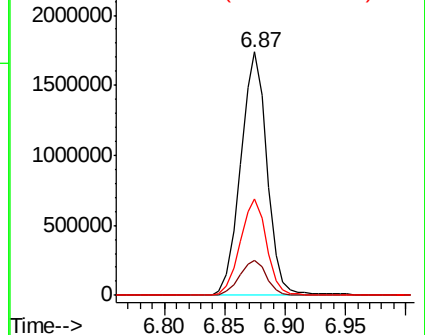
71 39.7 31.3 46.9



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# 1258

Delta R.T. -0.02 min

Lab File: BM018895.D

Acq: 21 Feb 2019 14:44

Tgt Ion: 136 Resp: 1133641

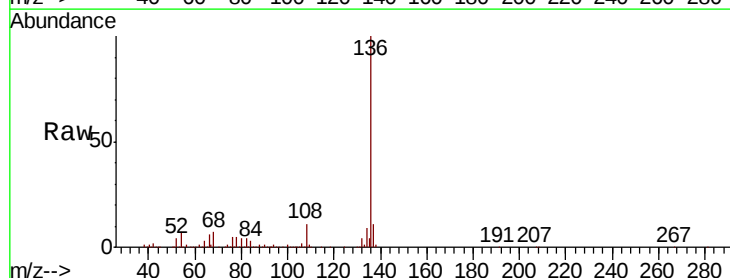
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 5.0 7.6

68 7.3 5.5 8.3

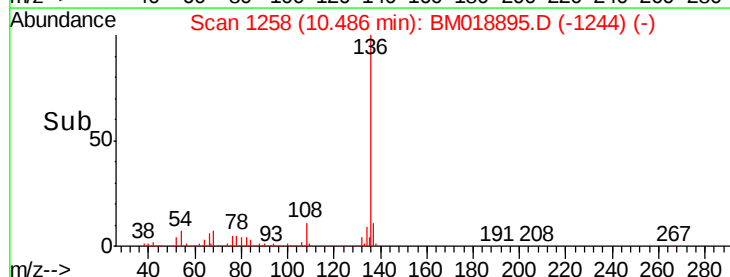
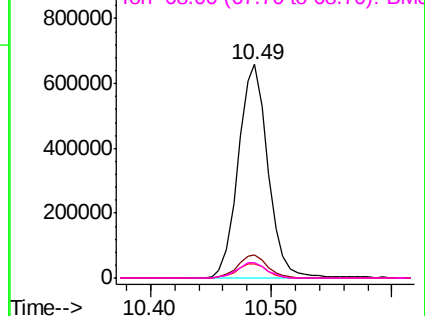


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 69.997 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM018895.D

Acq: 21 Feb 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117235BL

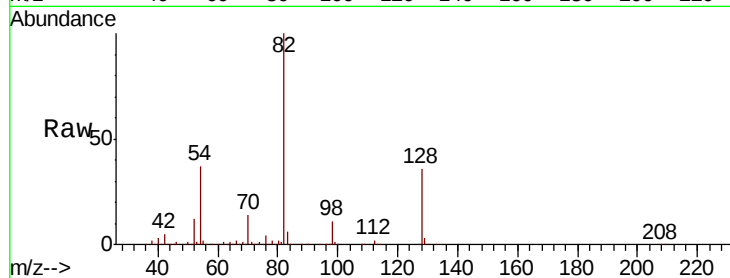
Tgt Ion: 82 Resp: 1716126

Ion Ratio Lower Upper

82 100

128 35.6 29.9 44.9

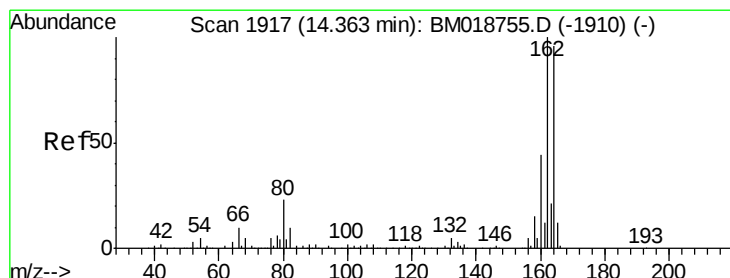
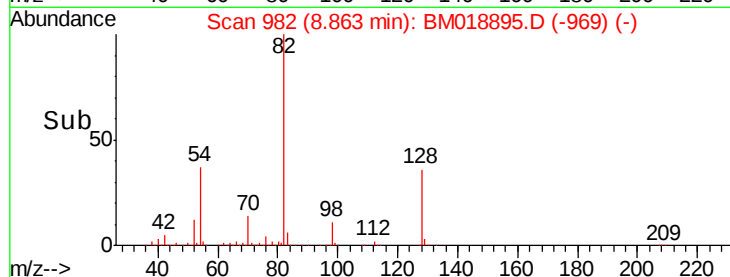
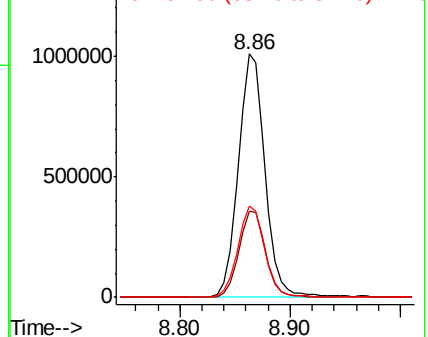
54 37.3 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018895.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018895.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018895.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018895.D

Acq: 21 Feb 2019 14:44

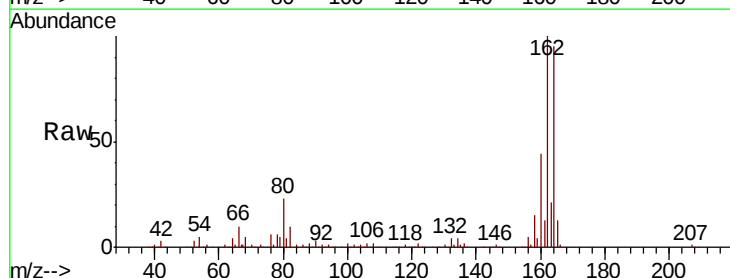
Tgt Ion: 164 Resp: 621301

Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.0

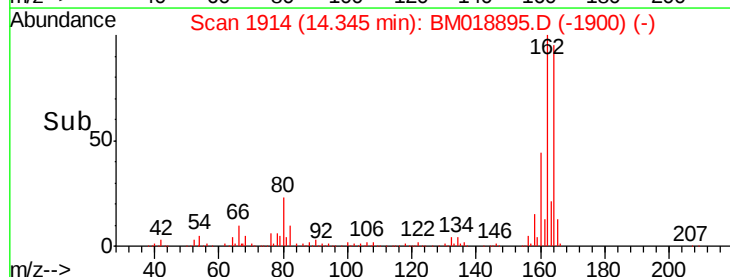
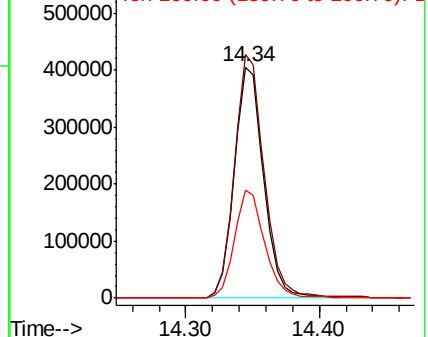
160 46.6 36.6 55.0

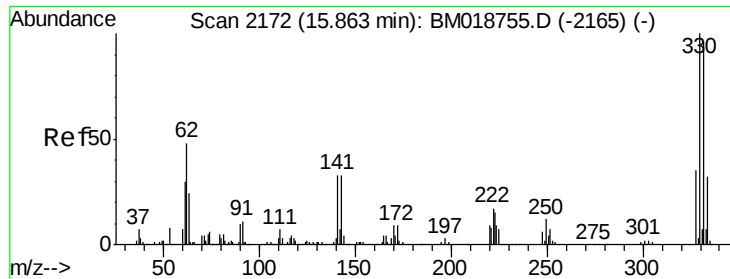


Abundance Ion 164.00 (163.70 to 164.70): BM018895.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018895.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018895.D (-1900) (-)

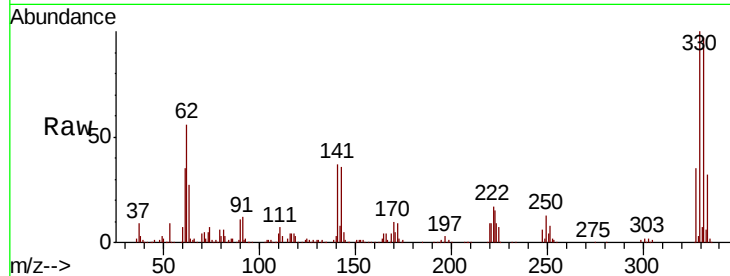




#42
 2,4,6-Tribromophenol
 Concen: 96.711 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018895.D
 Acq: 21 Feb 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	37.7	28.7	43.1

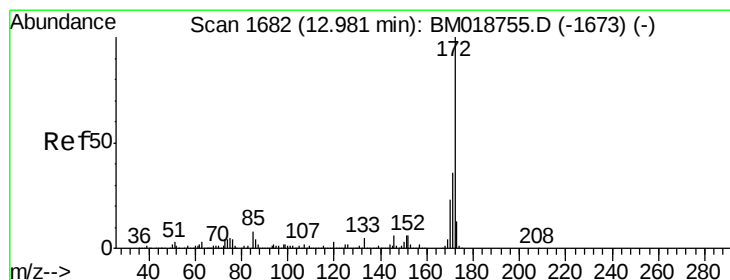
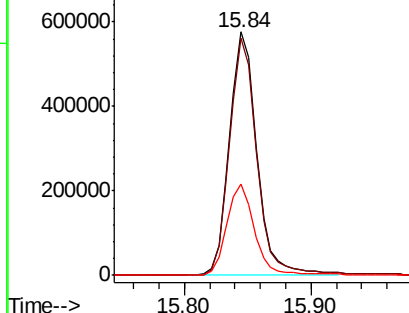
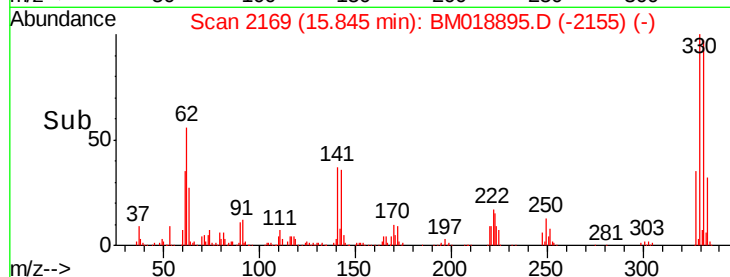


Abundance

Ion 329.80 (329.50 to 330.50): E

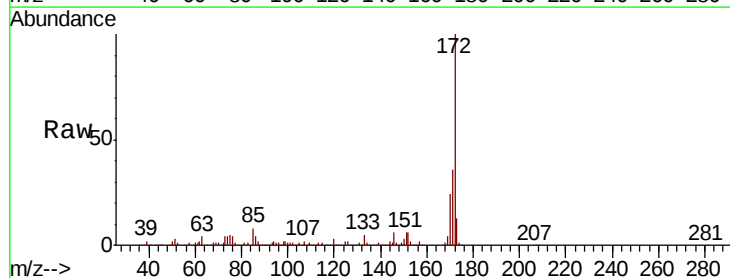
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.991 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018895.D
 Acq: 21 Feb 2019 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	18.6	28.0

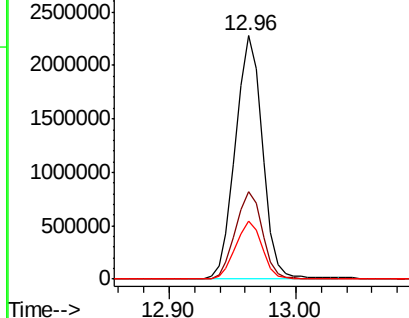
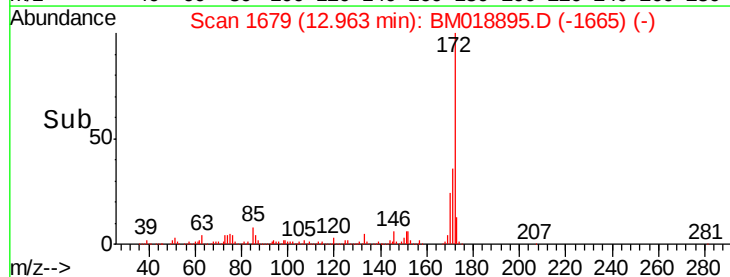


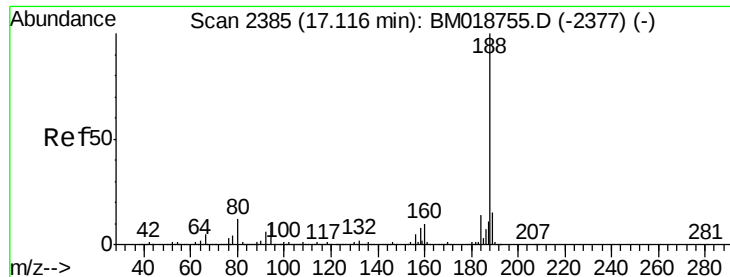
Abundance

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

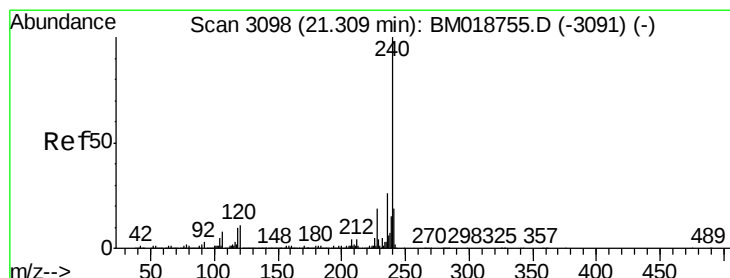
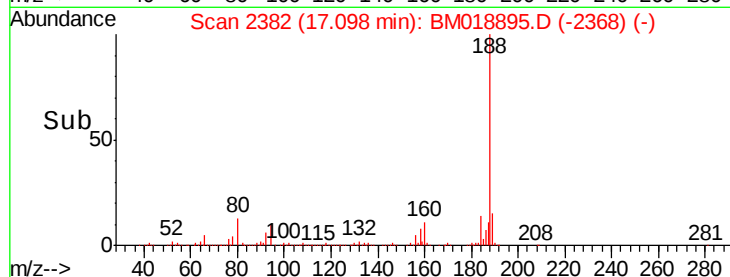
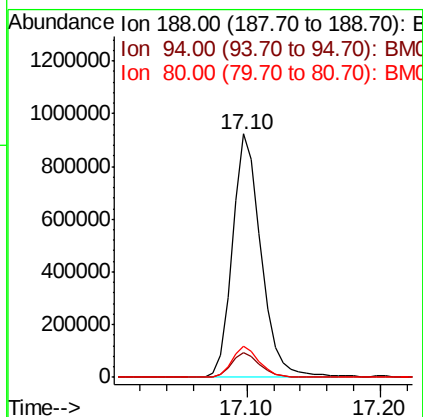
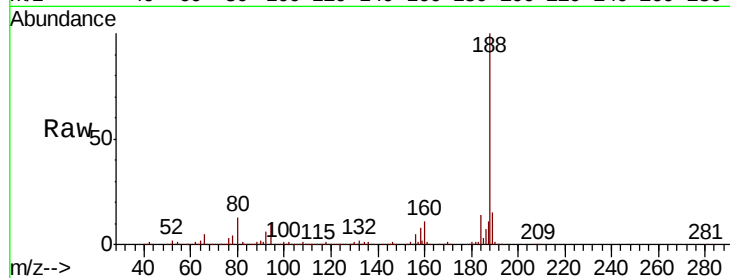




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018895.D
Acq: 21 Feb 2019 14:44

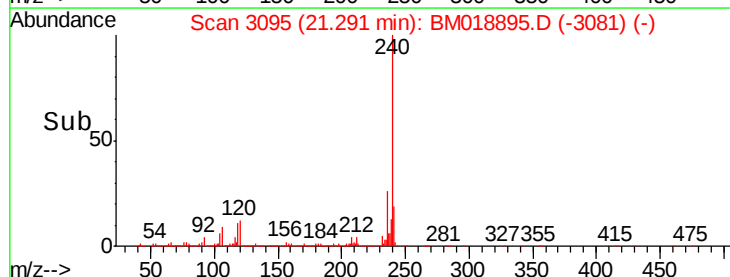
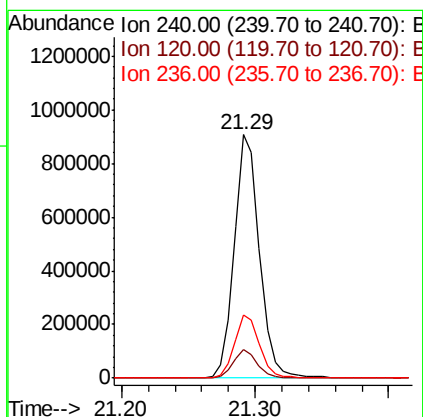
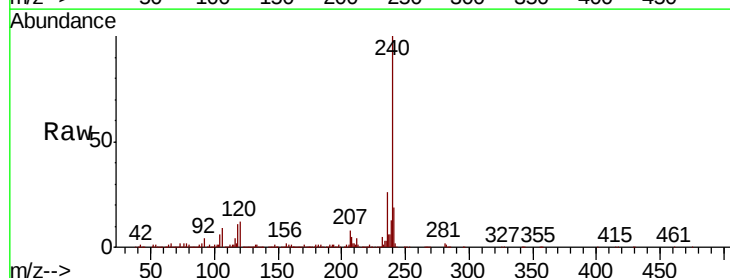
Instrument :
BNA_M
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PB117235BL

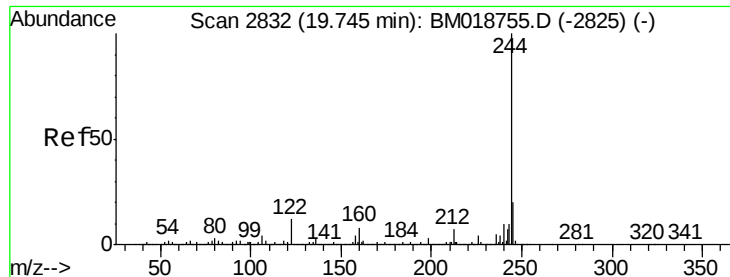
Tgt Ion:188 Resp: 1378049
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018895.D
Acq: 21 Feb 2019 14:44

Tgt Ion:240 Resp: 1195327
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 86.048 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018895.D

Acq: 21 Feb 2019 14:44

Instrument :

BNA_M

ClientSampleId :

PB117235BL

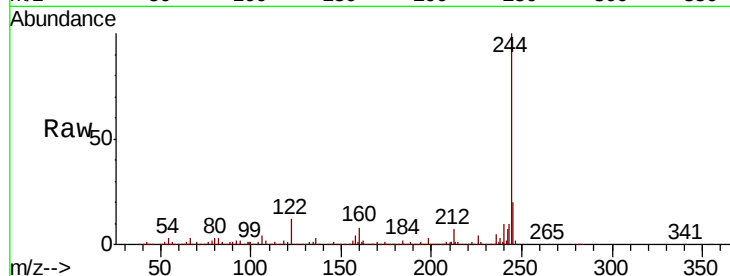
Tgt Ion:244 Resp: 4985973

Ion Ratio Lower Upper

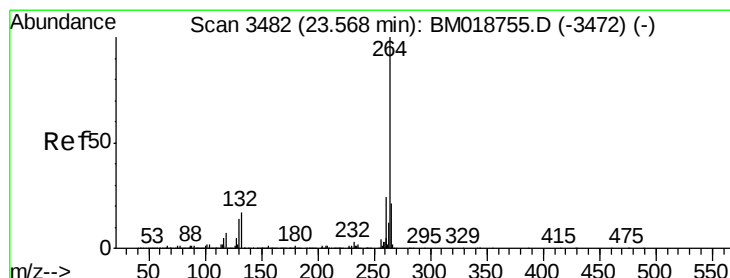
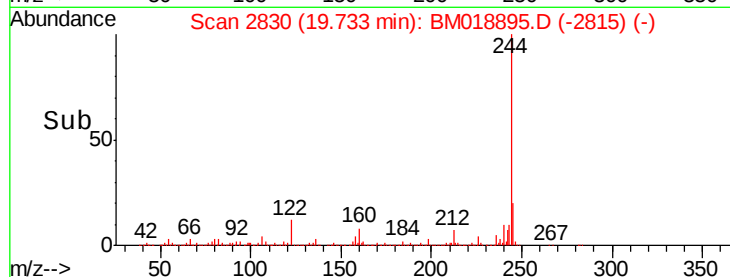
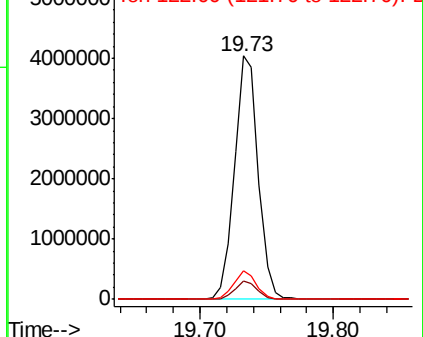
244 100

212 7.3 5.6 8.4

122 11.8 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: BM018895.D

Acq: 21 Feb 2019 14:44

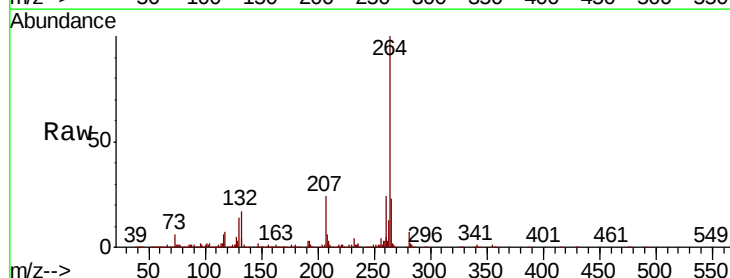
Tgt Ion:264 Resp: 1067265

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.6 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

