

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018809.D
 Acq On : 13 Feb 2019 19:34
 Operator : JU/SJ
 Sample : K1343-32
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-P

Quant Time: Feb 14 01:14:31 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	256200	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1000917	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	557009	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1334921	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1470935	20.00	ng	0.00
87) Perylene-d12	23.56	264	1355995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2388464	152.75	ng	0.00
7) Phenol-d6	6.89	99	3113709	141.35	ng	0.00
23) Nitrobenzene-d5	8.88	82	2130574	98.42	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1233574	153.64	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4074537	97.11	ng	0.00
79) Terphenyl-d14	19.74	244	7419477	104.05	ng	0.00

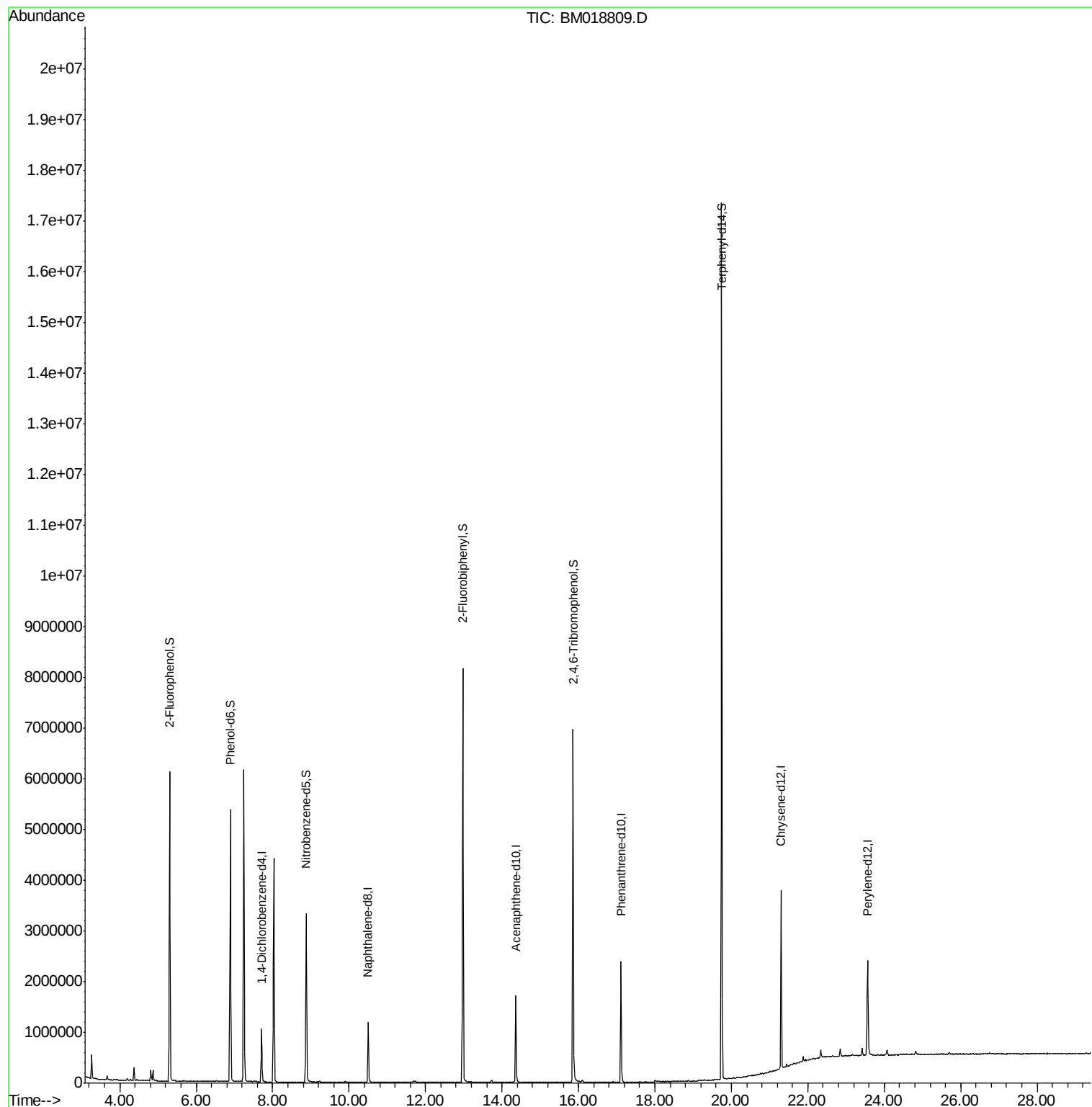
Target Compounds Qvalue

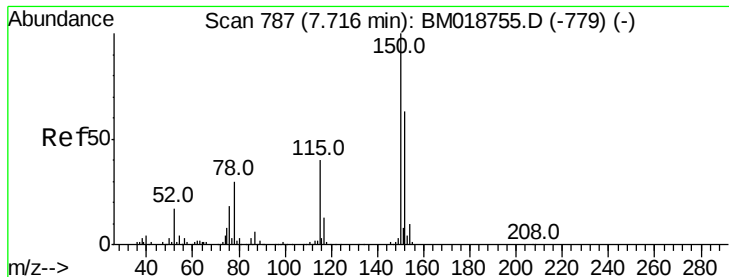
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
Data File : BM018809.D
Acq On : 13 Feb 2019 19:34
Operator : JU/SJ
Sample : K1343-32
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-P

Quant Time: Feb 14 01:14:31 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



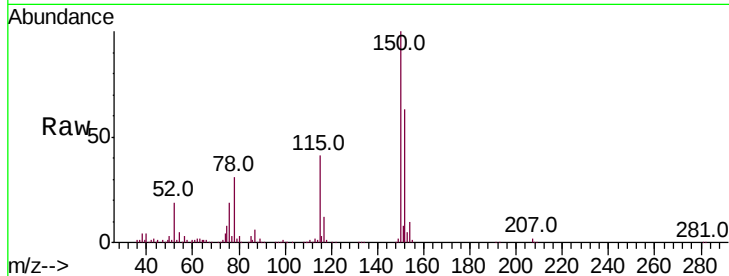


#1

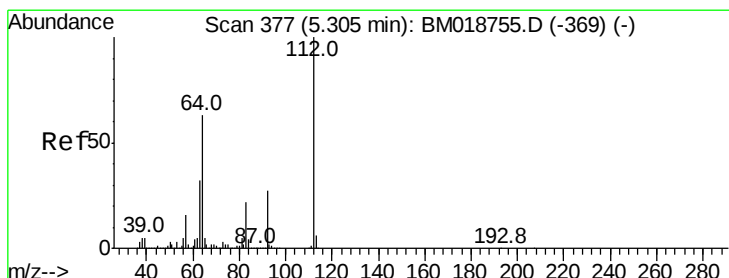
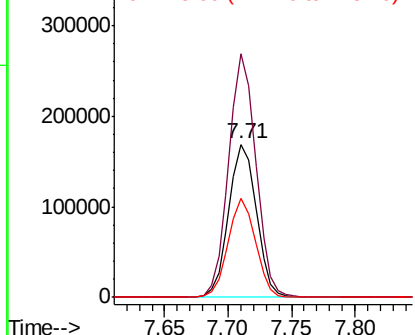
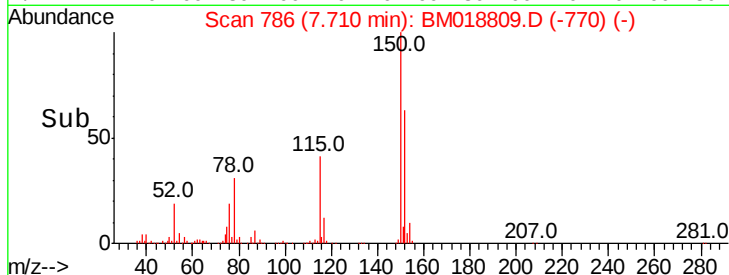
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-P

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.3	190.9
115	64.6	50.8	76.2



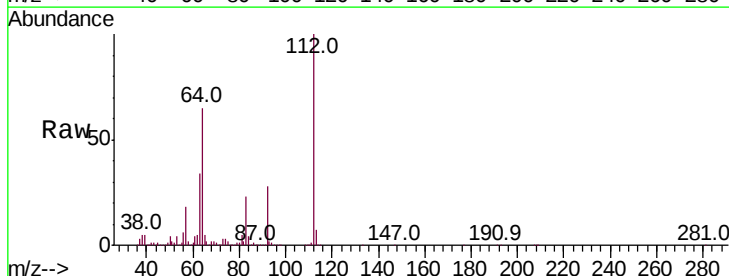
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



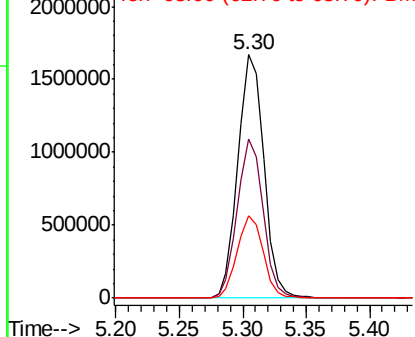
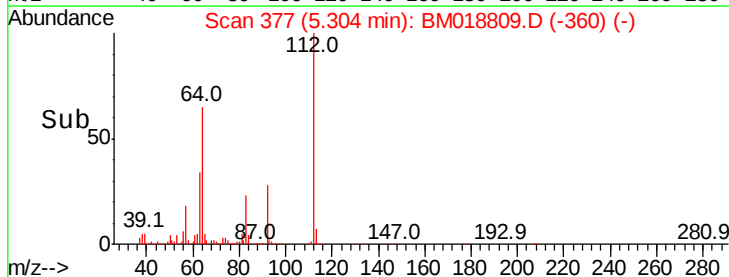
#5

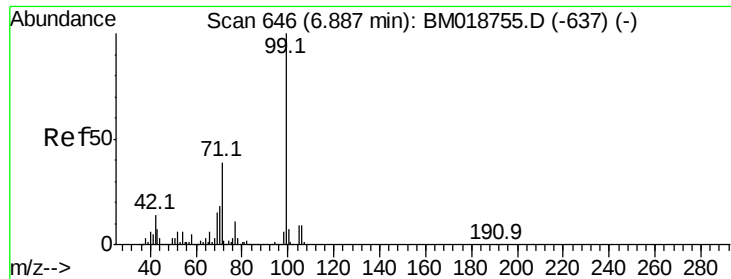
2-Fluorophenol
 Concen: 152.749 ng
 RT: 5.30 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	50.6	75.8
63	34.0	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: 141.352 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

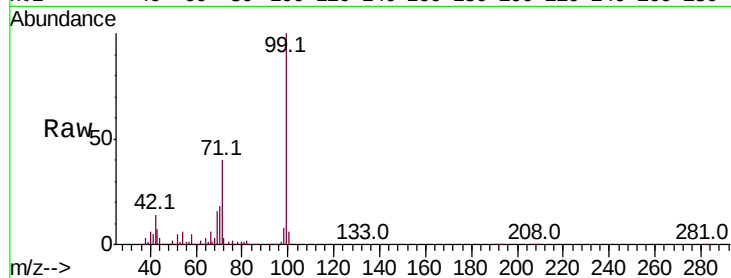
Tot Ion: 99 Resp: 3113709

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 39.7 31.3 46.9

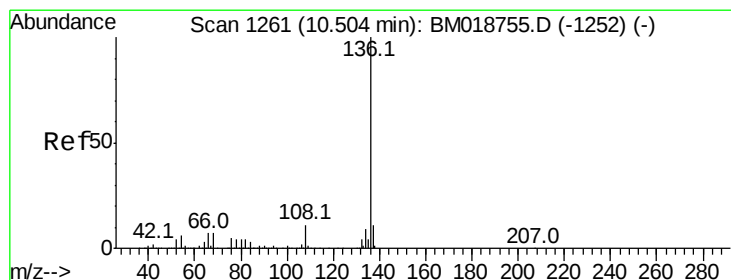
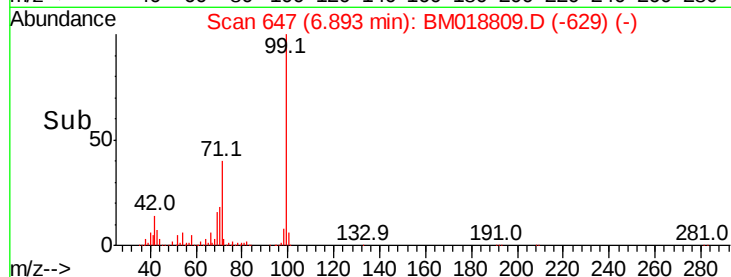
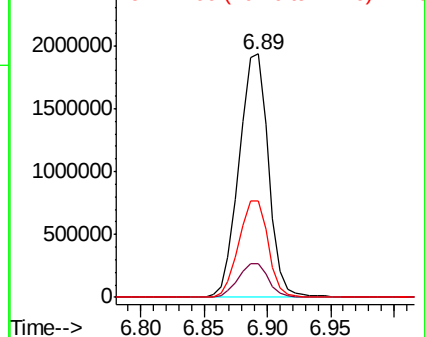


Abundance

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: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Tgt Ion:136 Resp: 1000917

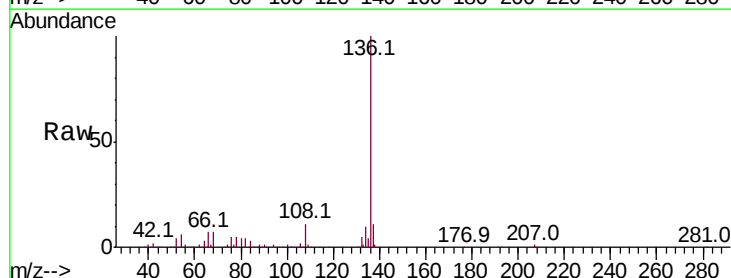
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.5 5.0 7.6

68 7.2 5.5 8.3



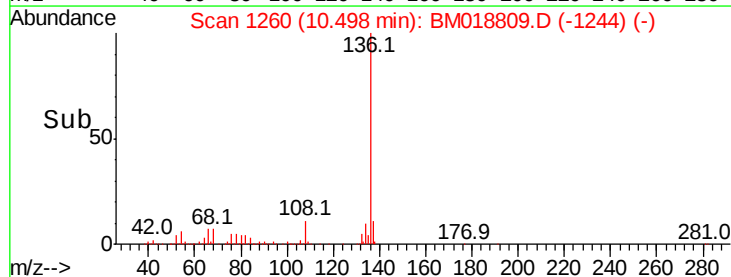
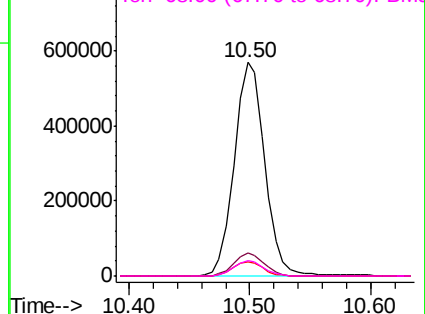
Abundance

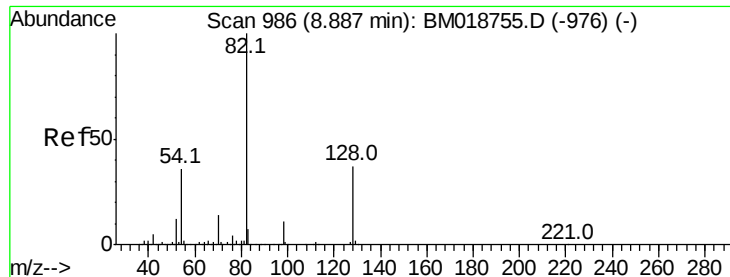
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

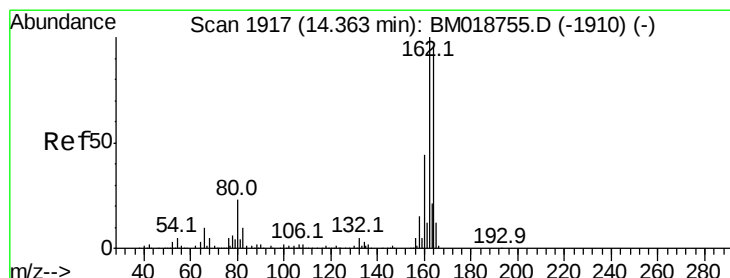
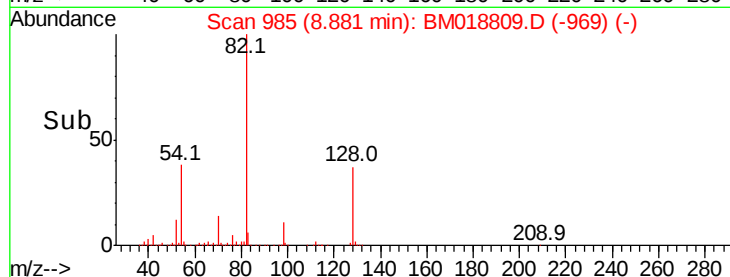
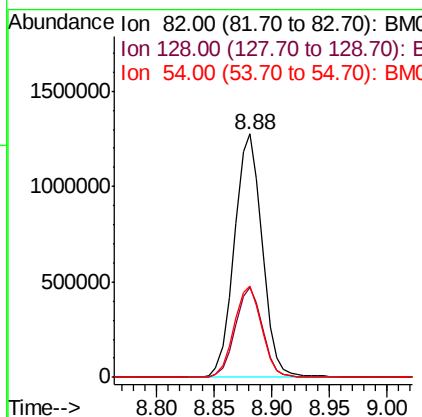
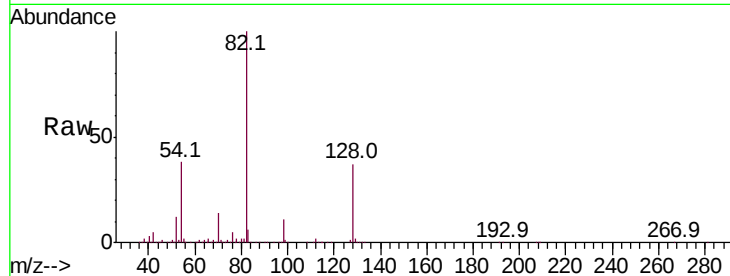




#23
Nitrobenzene-d5
Concen: 98.425 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

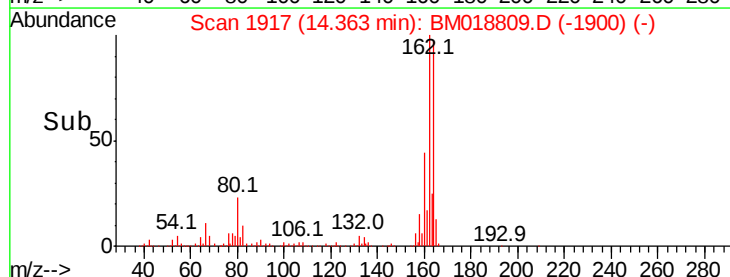
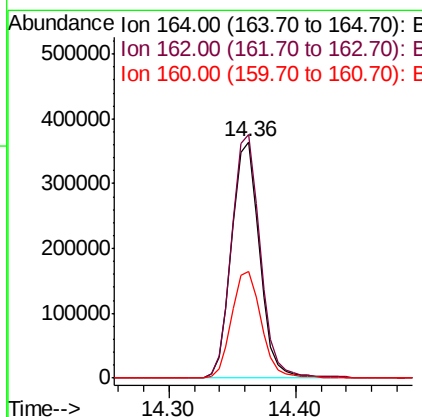
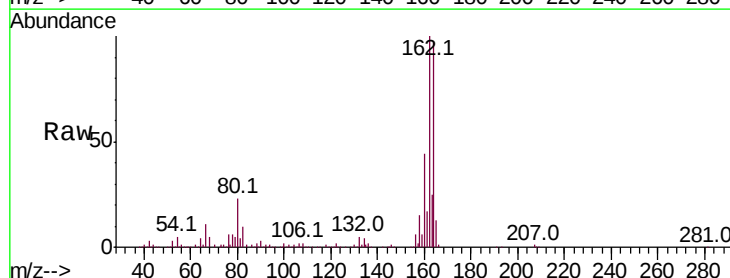
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-P

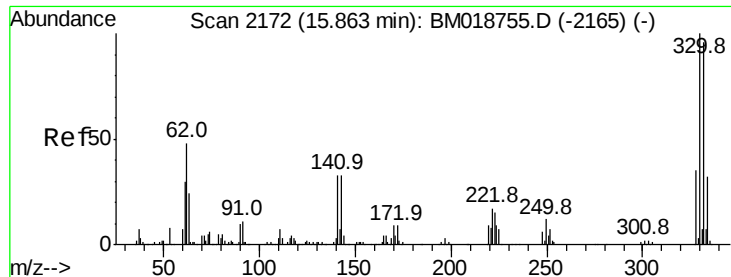
Tot Ion: 82 Resp: 2130574
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 37.6 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

Tgt Ion:164 Resp: 557009
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.0
160 45.4 36.6 55.0

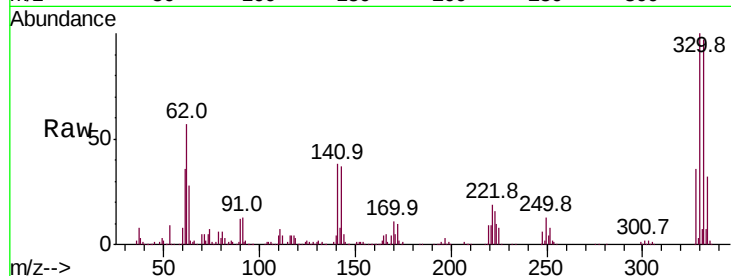




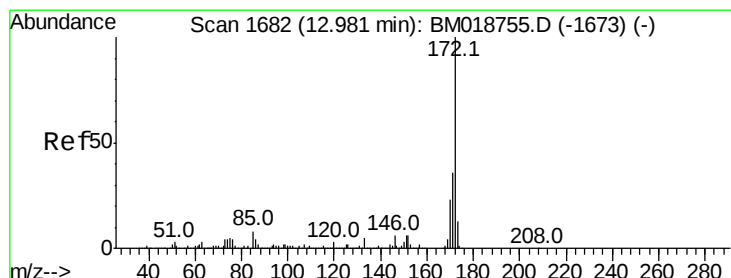
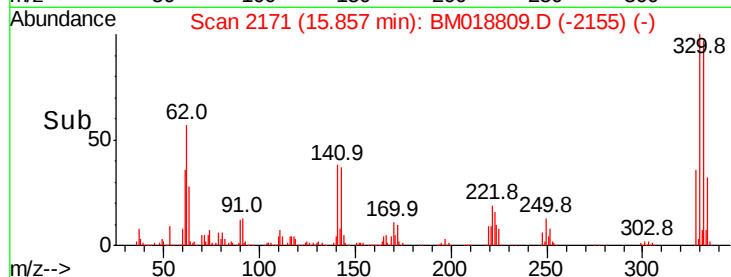
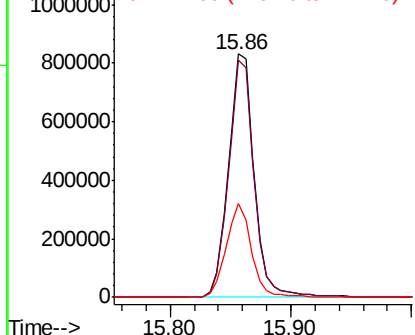
#42
 2,4,6-Tribromophenol
 Concen: 153.637 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-P

Tot Ion:330 Resp: 1233574
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 37.8 28.7 43.1

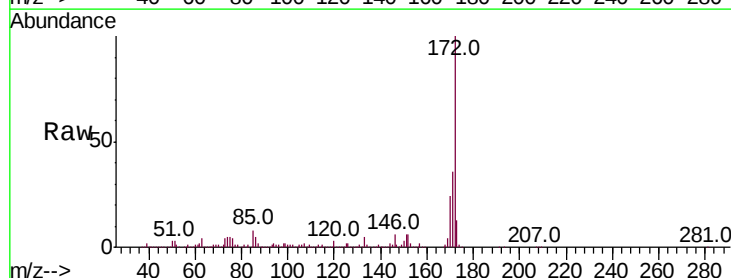


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

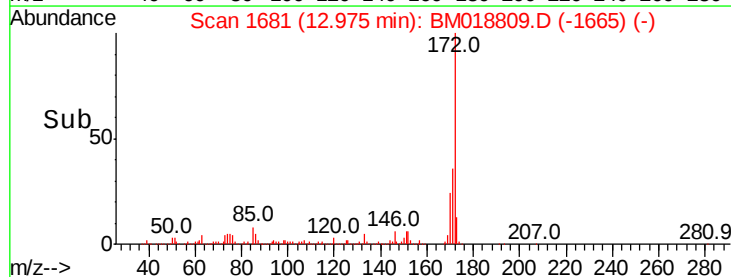
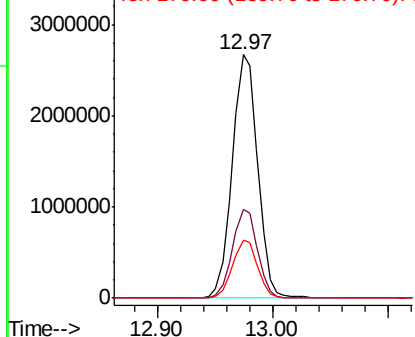


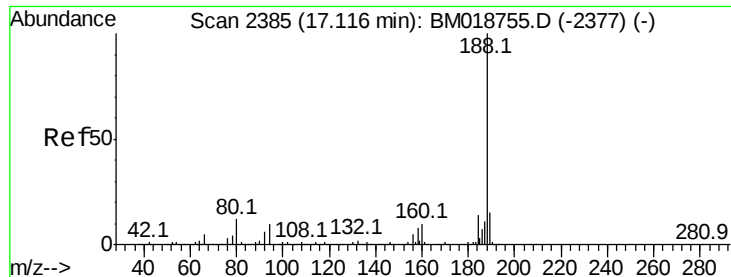
#45
 2-Fluorobiphenyl
 Concen: 97.105 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

Tgt Ion:172 Resp: 4074537
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 23.6 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: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

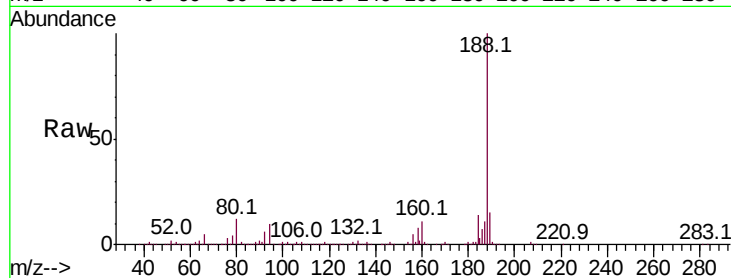
Tot Ion:188 Resp: 1334921

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

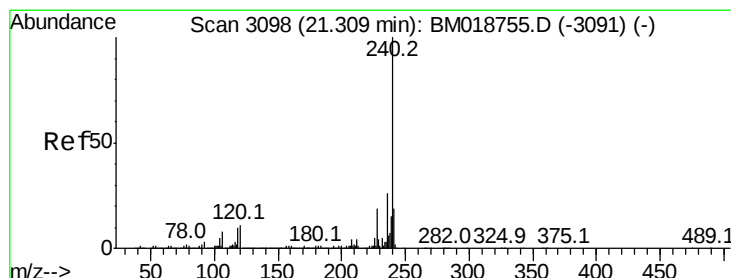
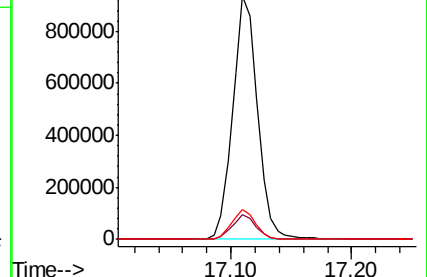
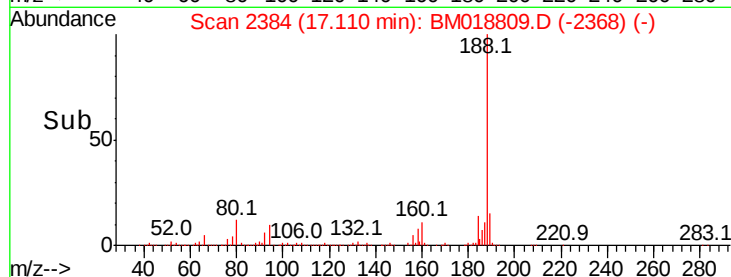
80 12.2 9.7 14.5



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# 3097

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

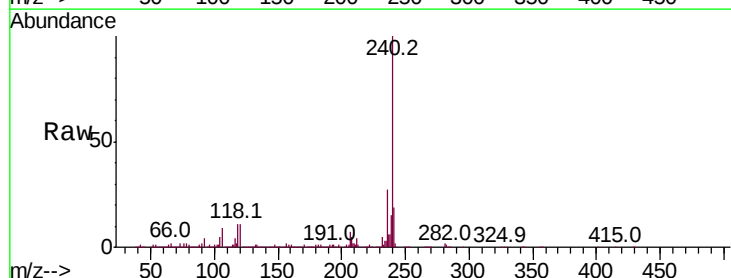
Tgt Ion:240 Resp: 1470935

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

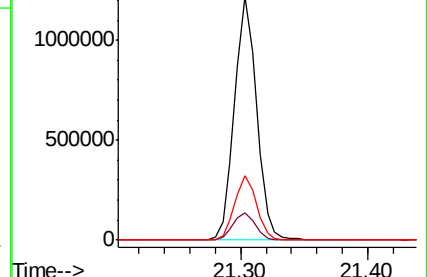
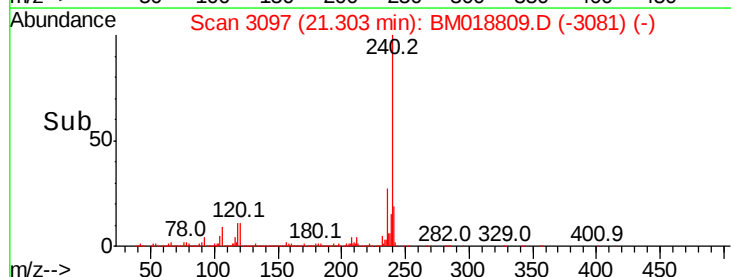
236 26.5 20.9 31.3

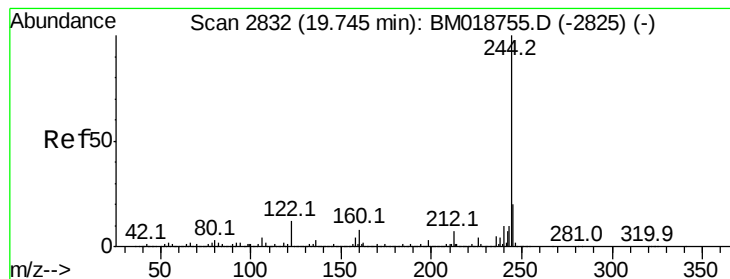


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.054 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

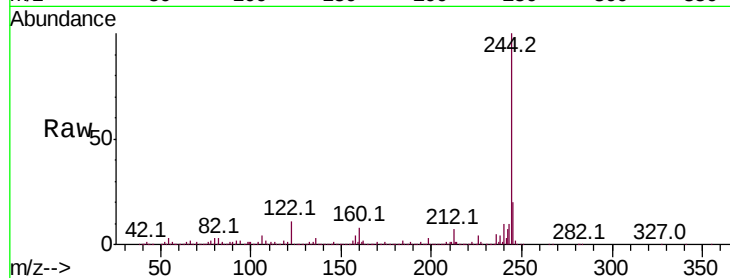
Tot Ion:244 Resp: 7419477

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.4	9.3	13.9

244 100

212 7.2 5.6 8.4

122 11.4 9.3 13.9

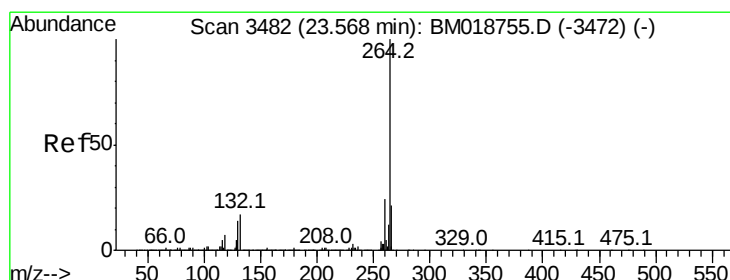
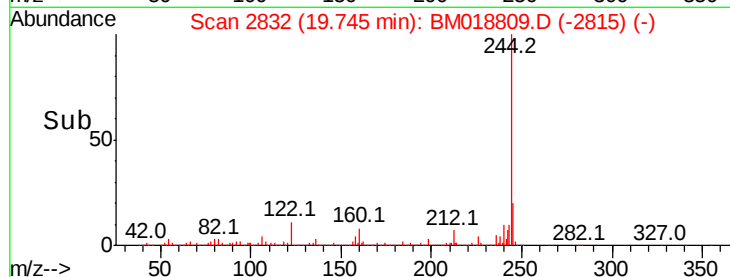
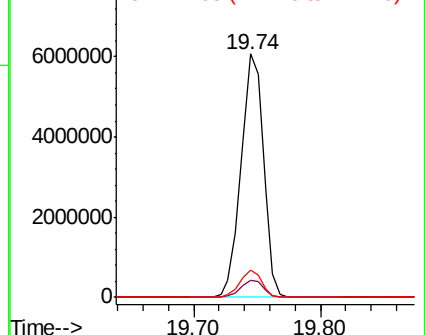


Abundance

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: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

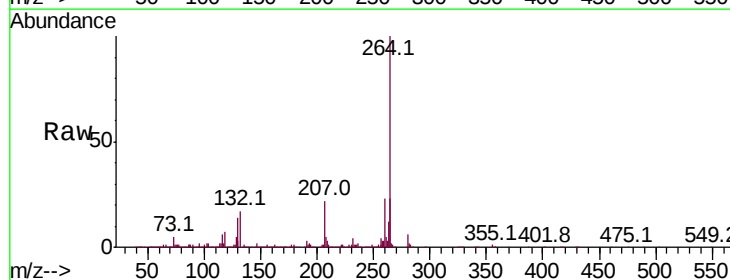
Tgt Ion:264 Resp: 1355995

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.8	17.3	25.9

264 100

260 23.5 18.9 28.3

265 22.8 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

