

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121818\
 Data File : BM018276.D
 Acq On : 18 Dec 2018 18:11
 Operator : JU/SJ
 Sample : J6340-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Quant Time: Dec 19 03:31:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

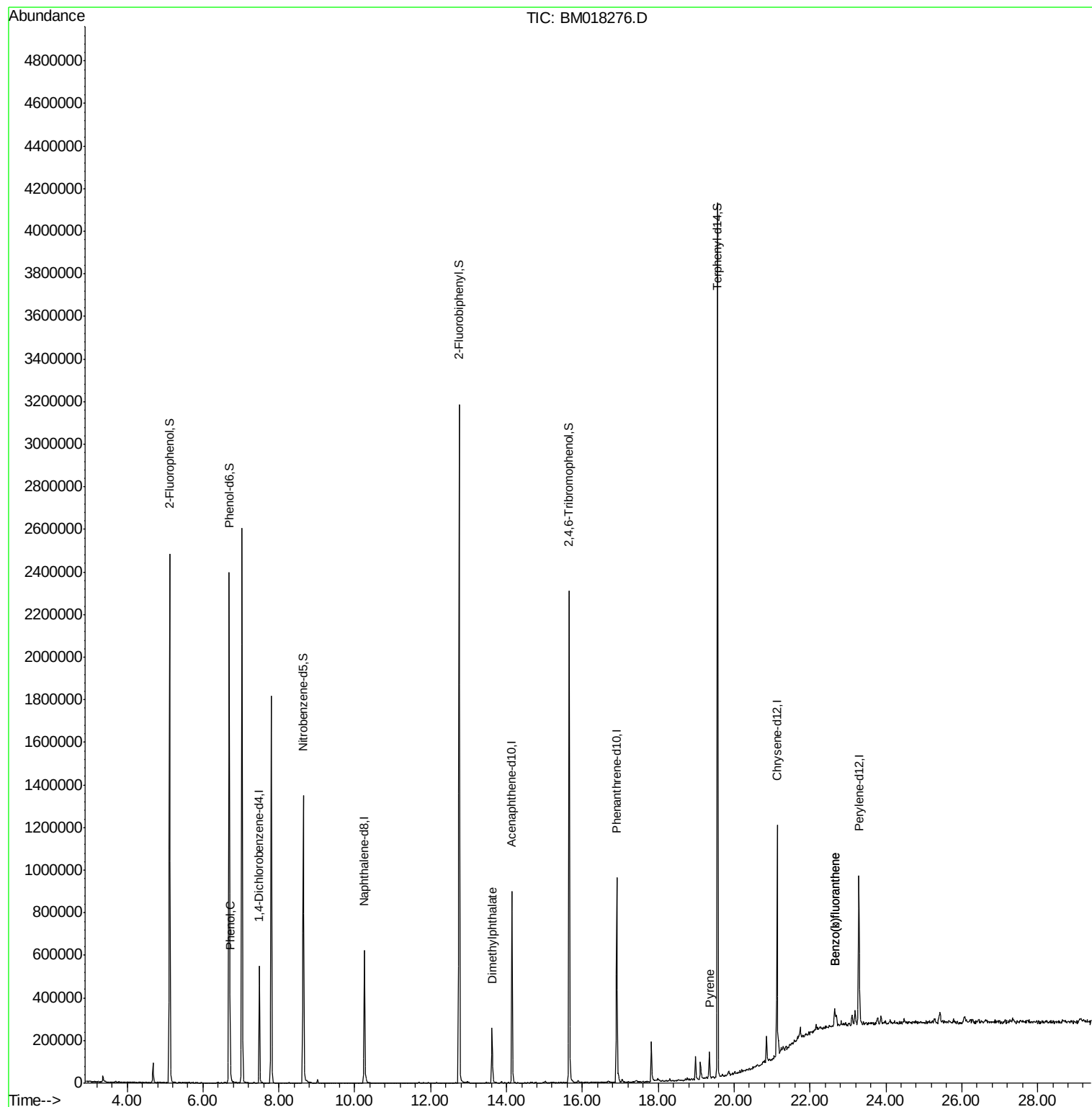
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	133230	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	524919	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	287334	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	563532	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	458383	20.00	ng	-0.01
87) Perylene-d12	23.29	264	469983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	954226	119.64	ng	0.00
7) Phenol-d6	6.69	99	1301368	117.40	ng	-0.01
23) Nitrobenzene-d5	8.65	82	817111	79.85	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	406907	96.49	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1610690	72.61	ng	-0.02
79) Terphenyl-d14	19.56	244	1721277	84.93	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	68434	5.829	ng	Qvalue 90
50) Dimethylphthalate	13.62	163	176905	7.406	ng	98
78) Pyrene	19.35	202	72050	2.638	ng	98
88) Benzo(b)fluoranthene	22.66	252	68793	2.606	ng	95
89) Benzo(k)fluoranthene	22.66	252	69419	2.640	ng	97

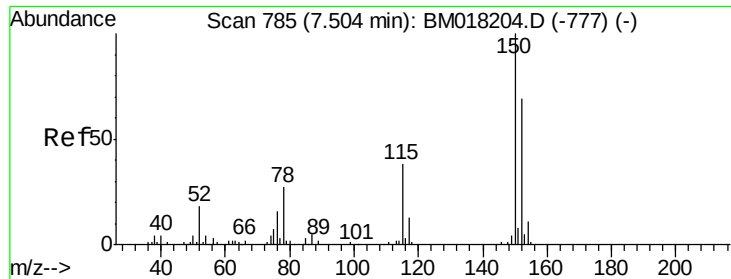
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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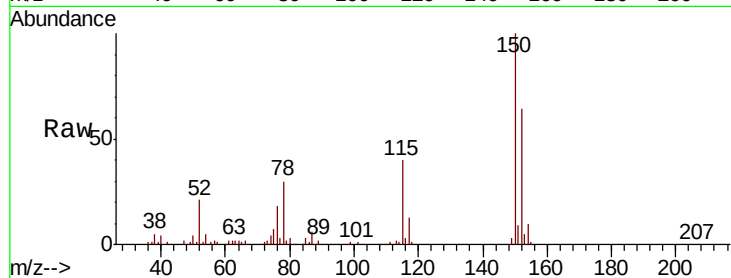


#1

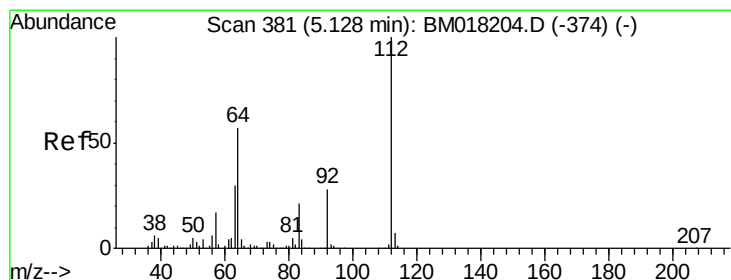
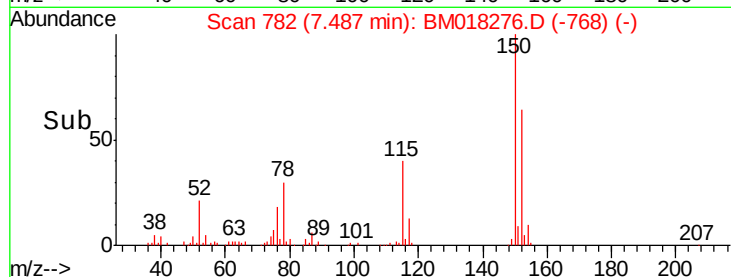
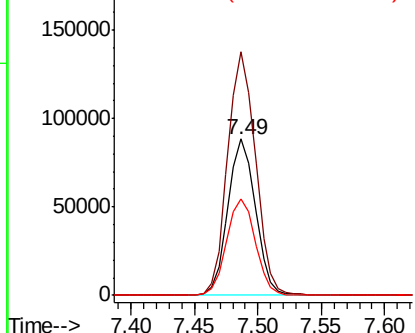
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 133230
Ion Ratio Lower Upper
152 100
150 155.9 116.1 174.1
115 62.0 44.6 67.0



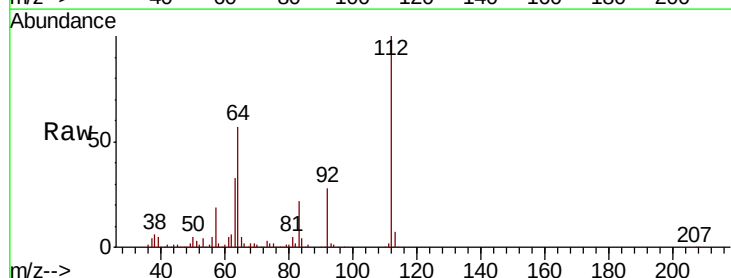
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



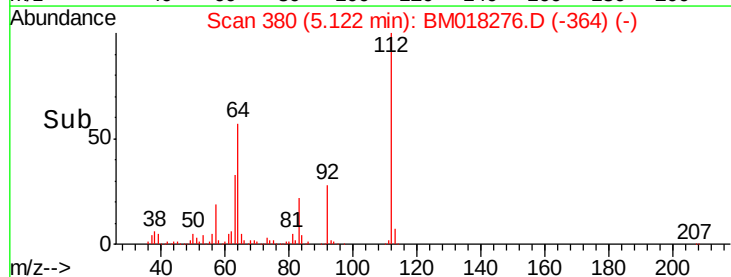
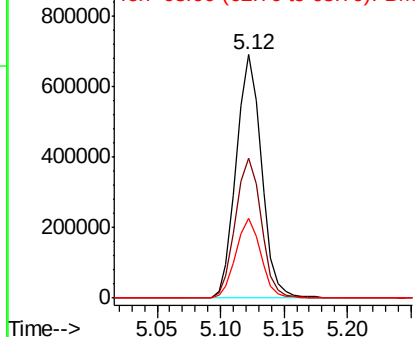
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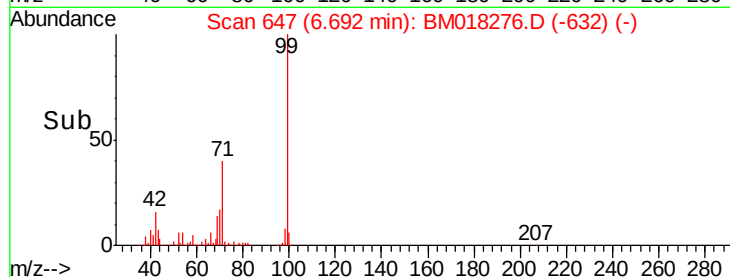
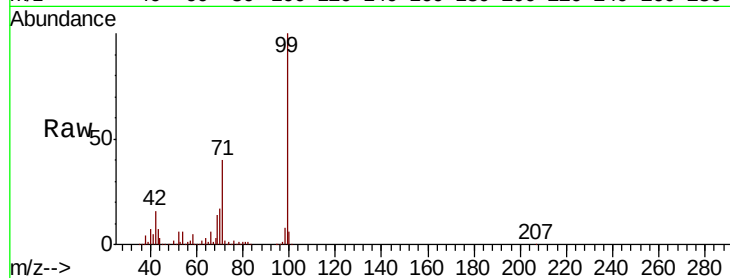
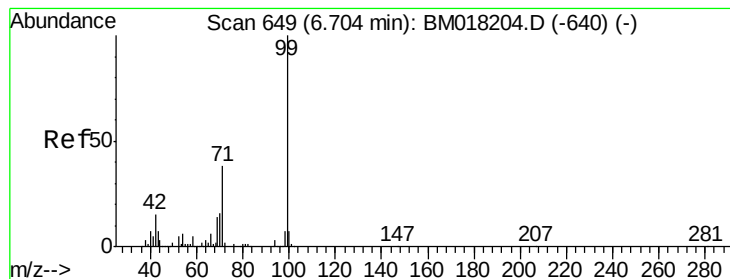
2-Fluorophenol
Concen: 119.644 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:112 Resp: 954226
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.2
63 32.9 24.0 36.0



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: 117.395 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018276.D

Acq: 18 Dec 2018 18:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

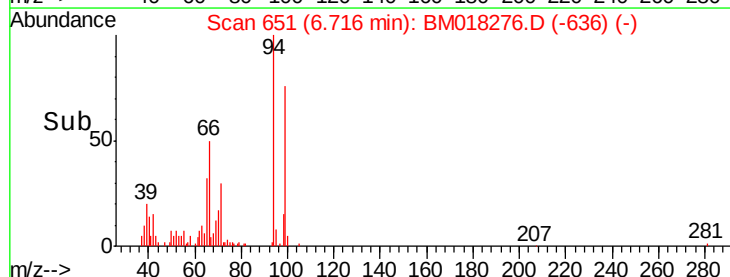
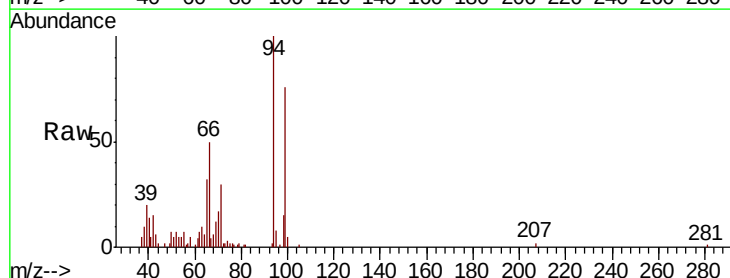
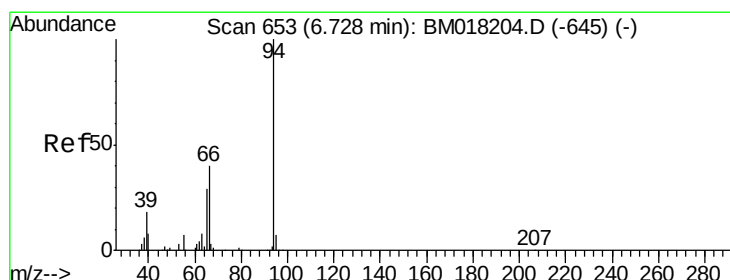
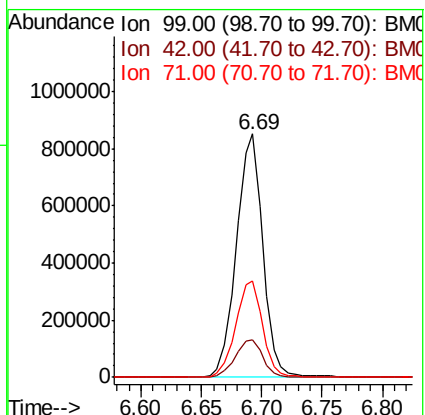
Tgt Ion: 99 Resp: 1301368

Ion Ratio Lower Upper

99 100

42 15.7 12.3 18.5

71 39.6 30.2 45.2



#10

Phenol

Concen: 5.829 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018276.D

Acq: 18 Dec 2018 18:11

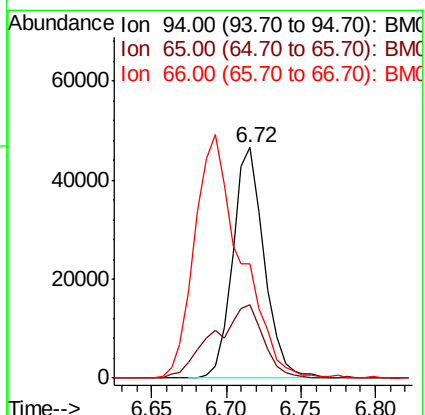
Tgt Ion: 94 Resp: 68434

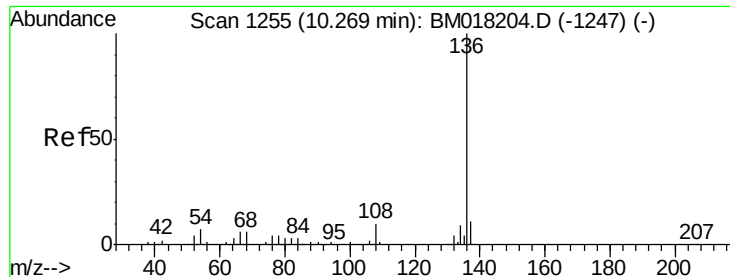
Ion Ratio Lower Upper

94 100

65 32.0 9.5 49.5

66 49.7 21.3 61.3

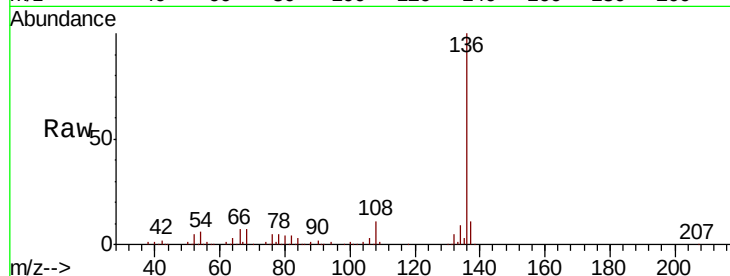




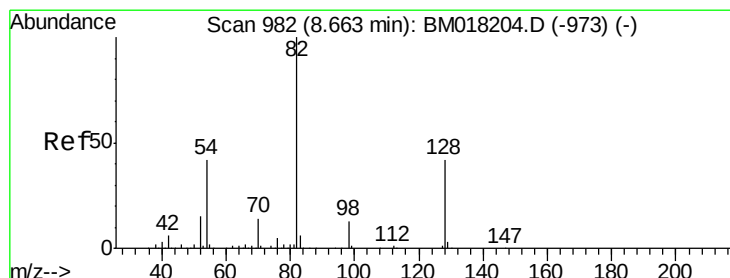
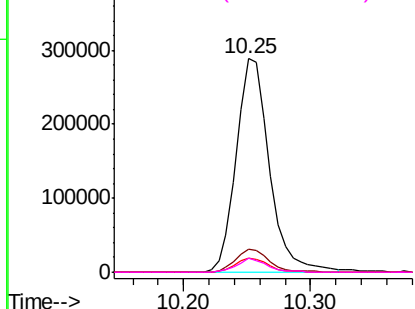
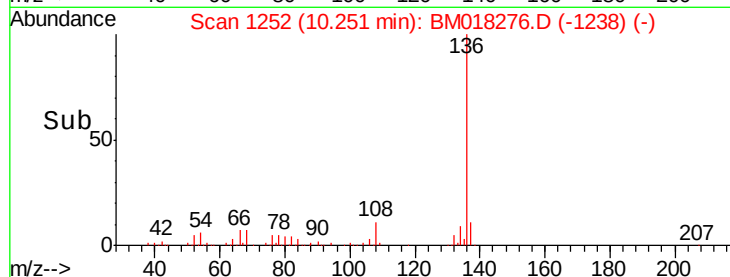
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	524919
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.4	5.2	7.8
68	6.6	5.0	7.6

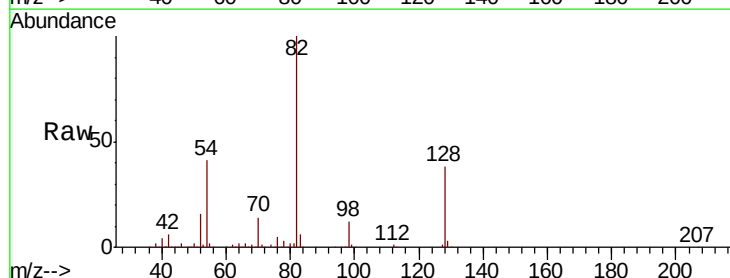


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

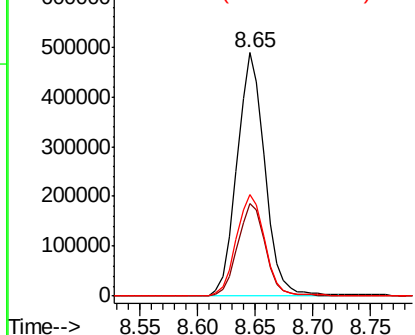
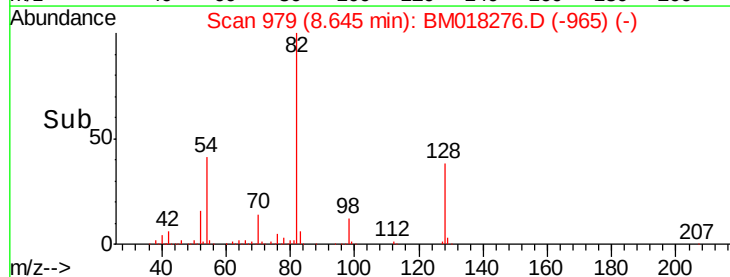


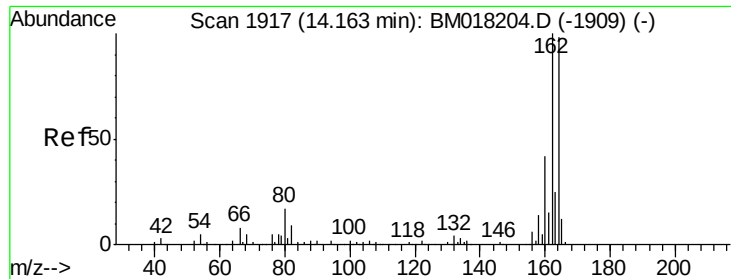
#23
Nitrobenzene-d5
Concen: 79.846 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:	82	Resp:	817111
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.4	50.2
54	41.5	33.4	50.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

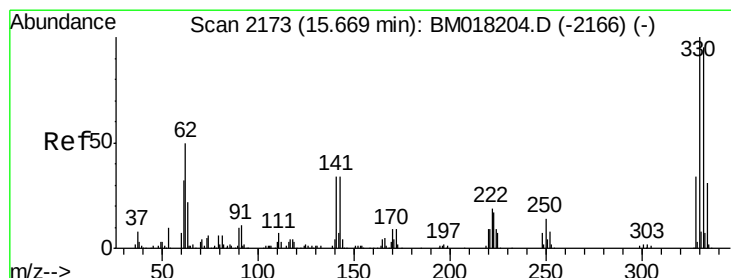
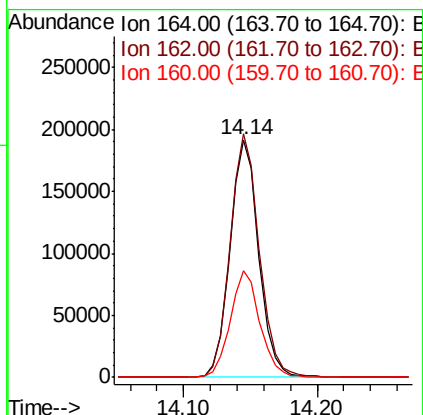
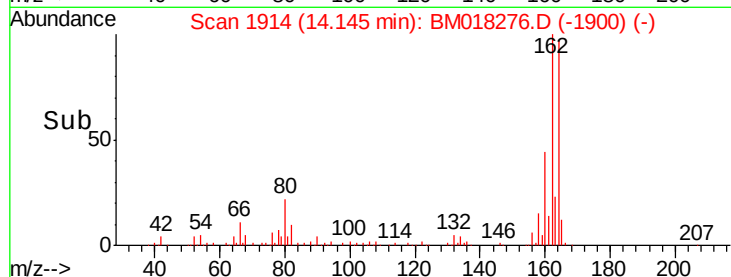
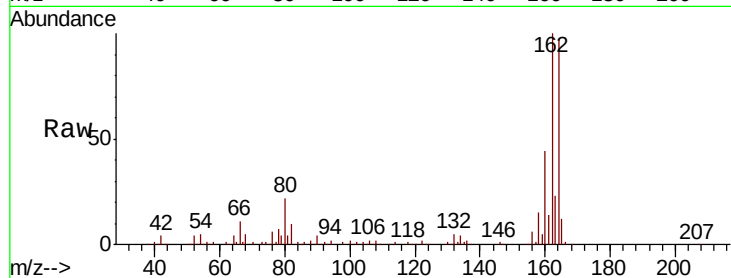




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

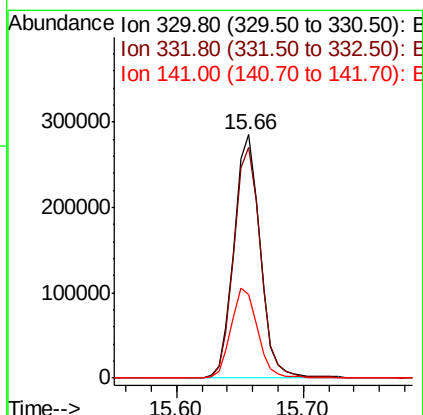
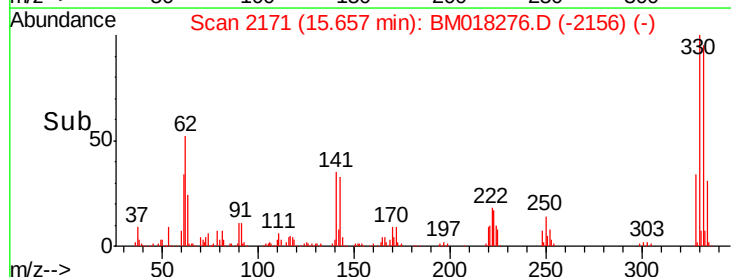
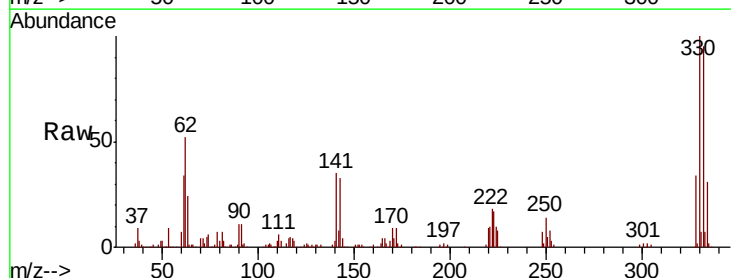
Instrument :
BNA_M
ClientSampleId :
DFTPP

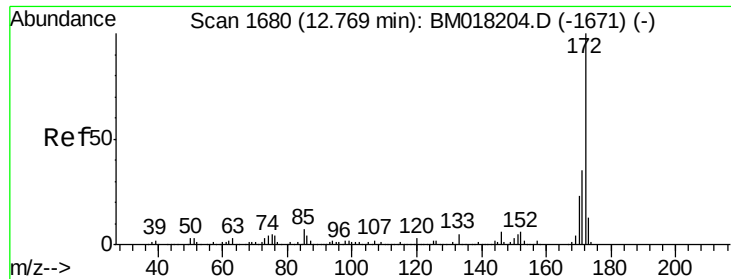
Tgt Ion:164 Resp: 287334
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 44.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 96.486 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:330 Resp: 406907
Ion Ratio Lower Upper
330 100
332 96.8 78.6 118.0
141 37.5 27.1 40.7

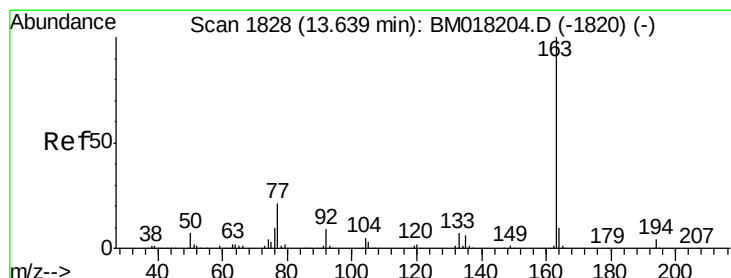
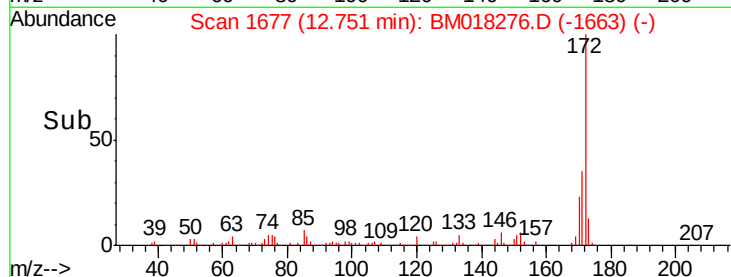
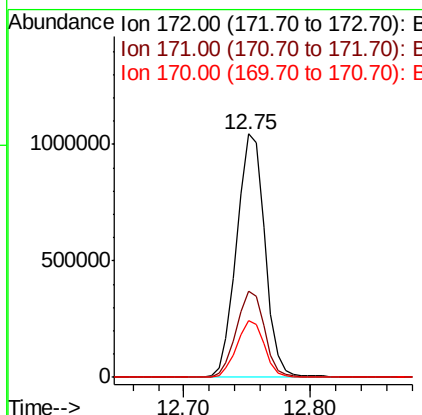
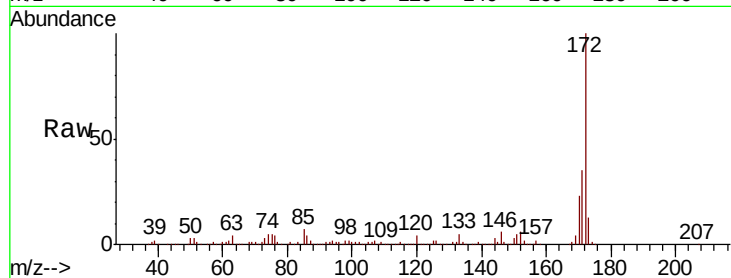




#45
 2-Fluorobiphenyl
 Concen: 72.606 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018276.D
 Acq: 18 Dec 2018 18:11

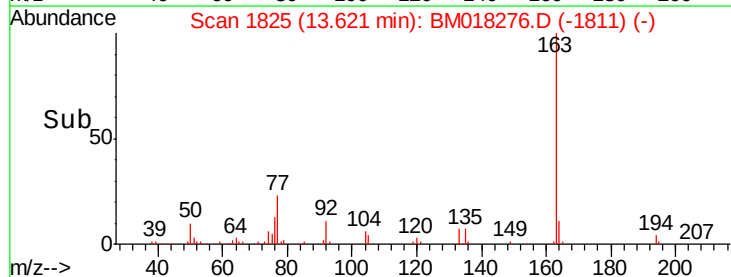
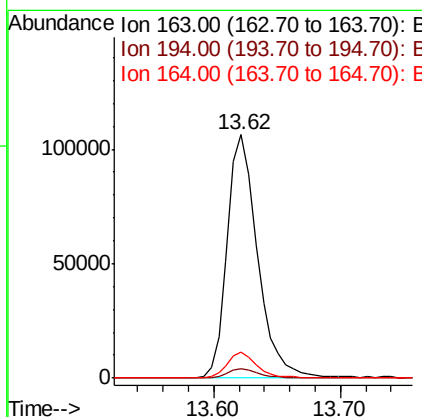
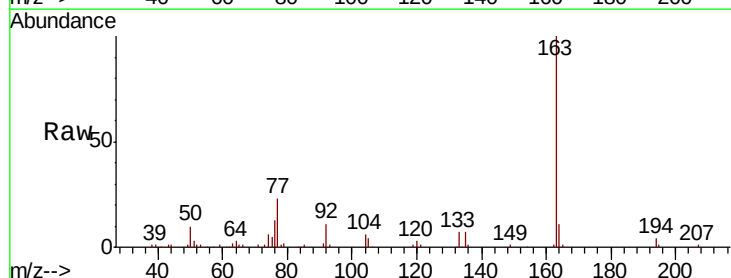
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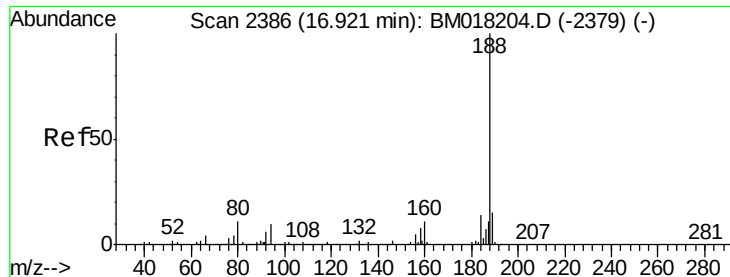
Tgt Ion:172 Resp: 1610690
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.1 18.1 27.1



#50
 Dimethylphthalate
 Concen: 7.406 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018276.D
 Acq: 18 Dec 2018 18:11

Tgt Ion:163 Resp: 176905
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.1 4.7
 164 10.9 7.9 11.9

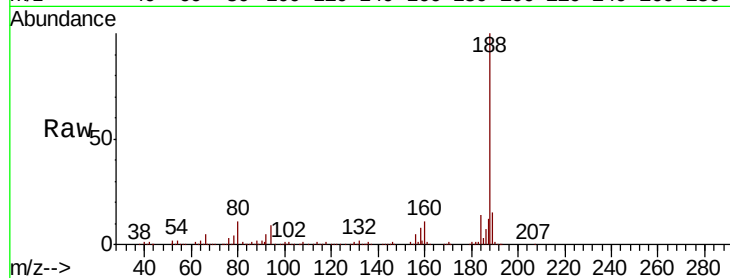




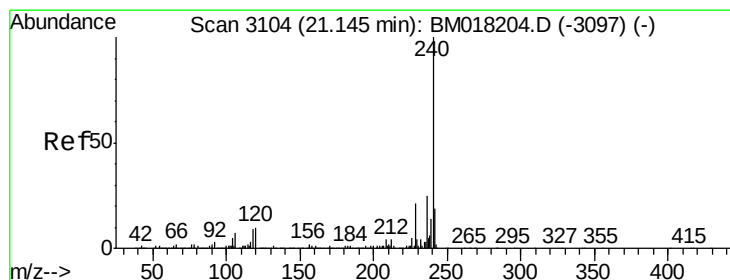
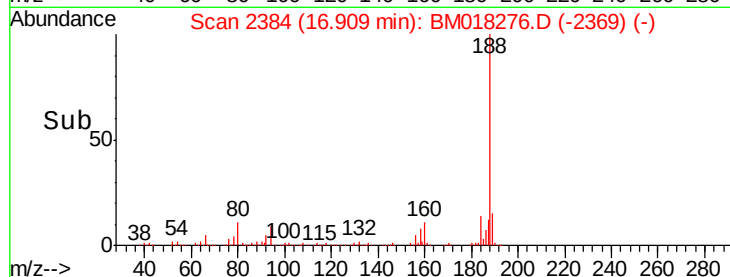
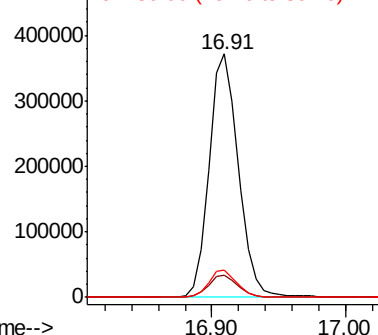
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	11.3	9.0	13.6

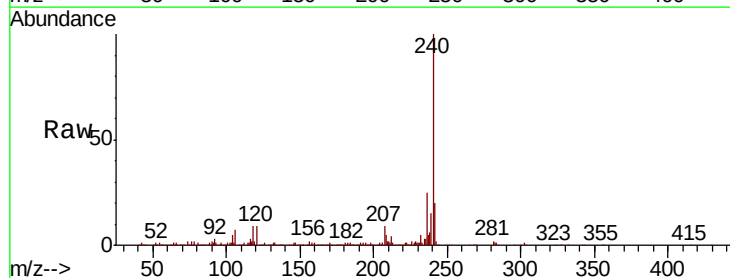


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

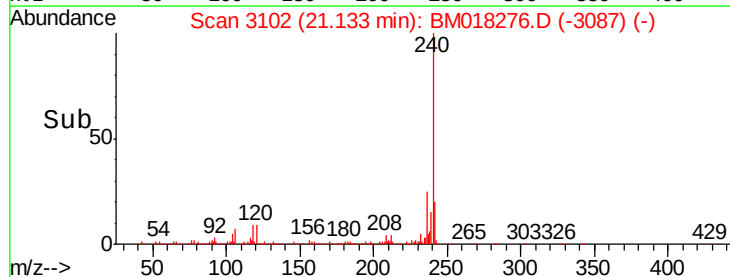
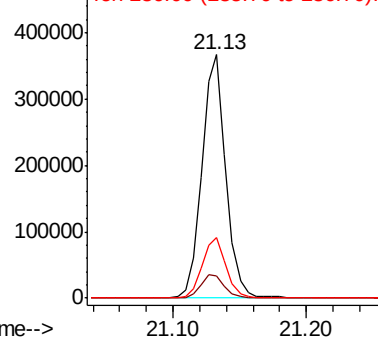


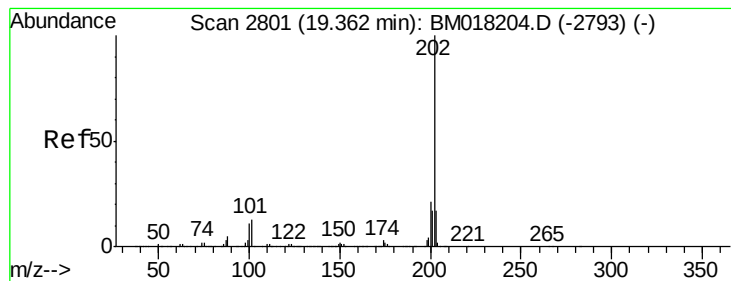
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	24.7	20.3	30.5



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





#78

Pyrene

Concen: 2.638 ng

RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM018276.D

Acq: 18 Dec 2018 18:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

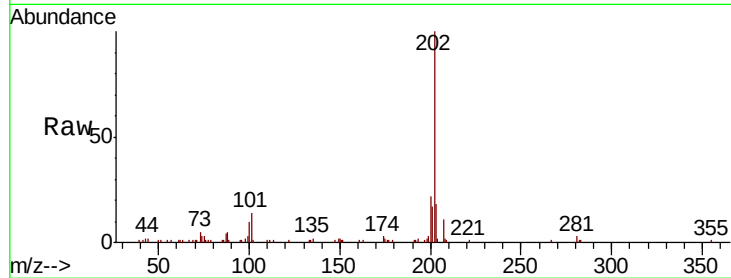
Tgt Ion:202 Resp: 72050

Ion Ratio Lower Upper

202 100

200 22.3 16.5 24.7

203 18.0 14.0 21.0

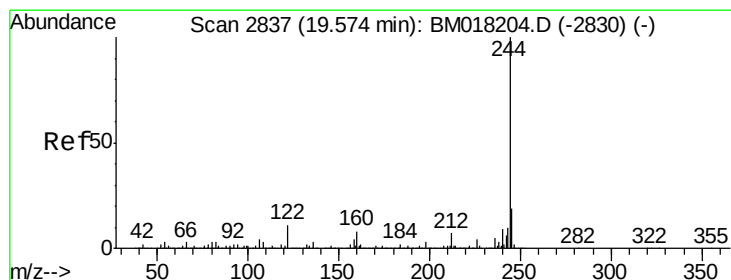
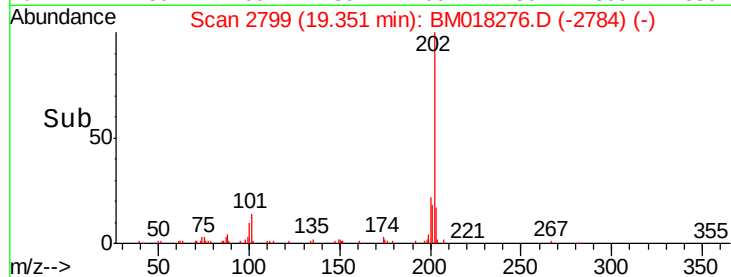
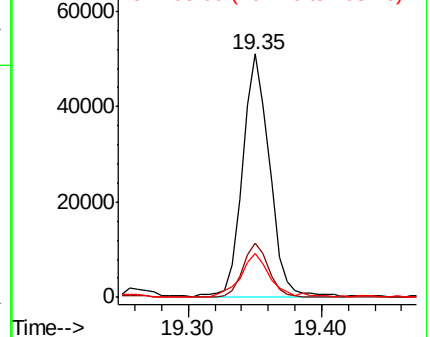


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 84.927 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018276.D

Acq: 18 Dec 2018 18:11

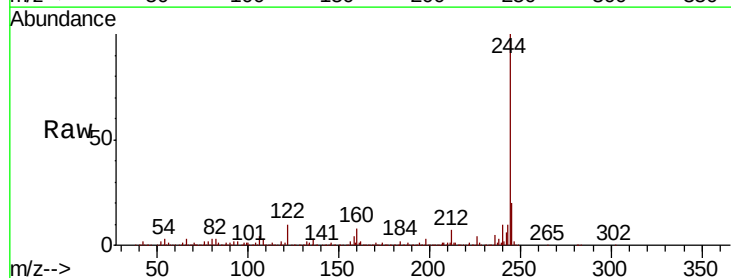
Tgt Ion:244 Resp: 1721277

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.5 9.0 13.6

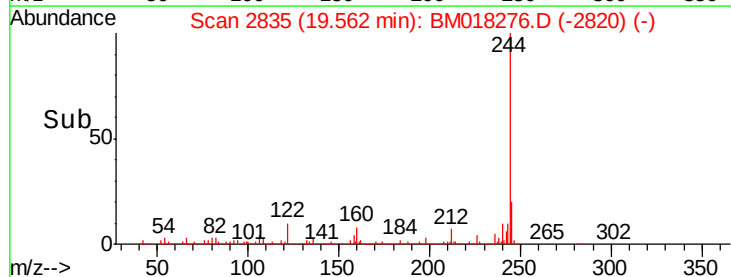
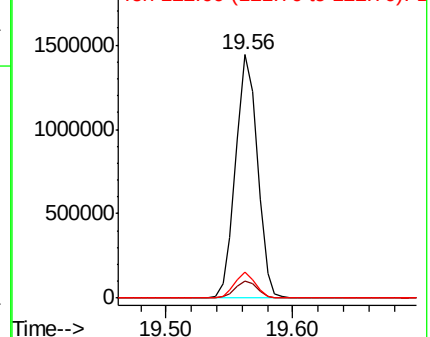


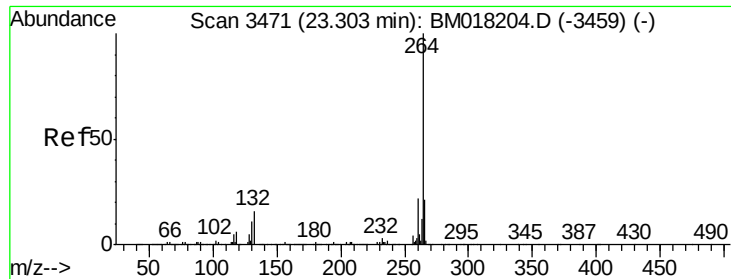
Abundance

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

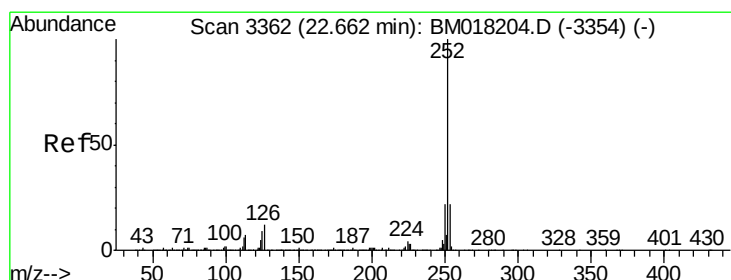
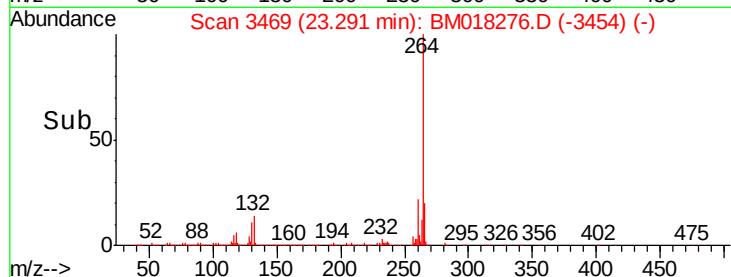
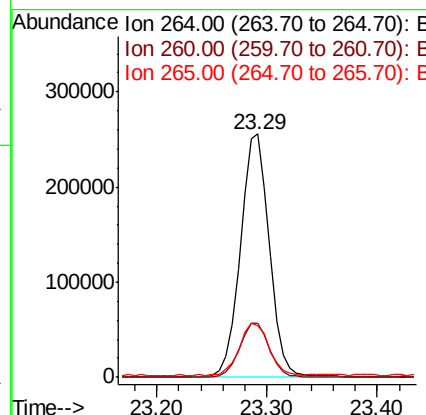
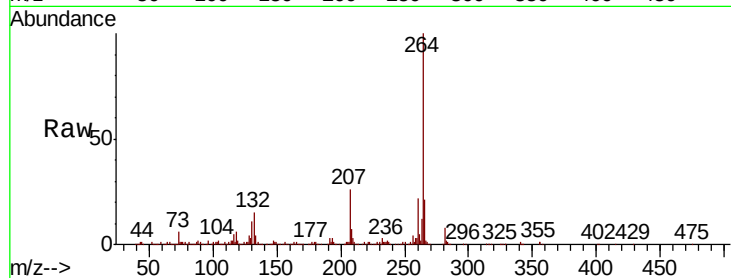




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

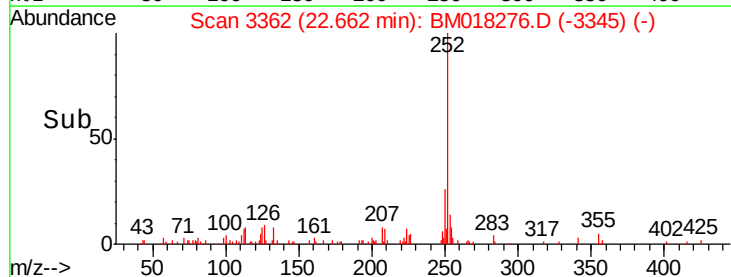
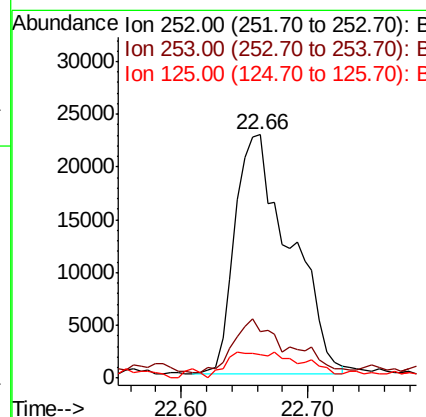
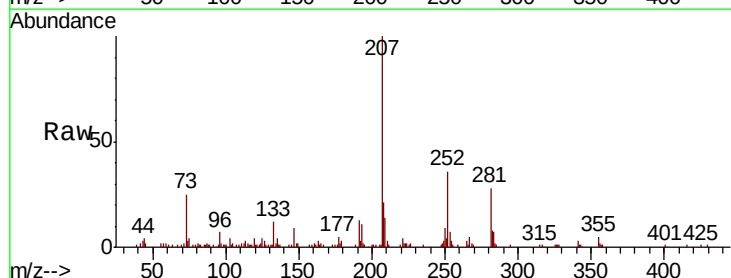
Instrument :
BNA_M
ClientSampleId :
DFTPP

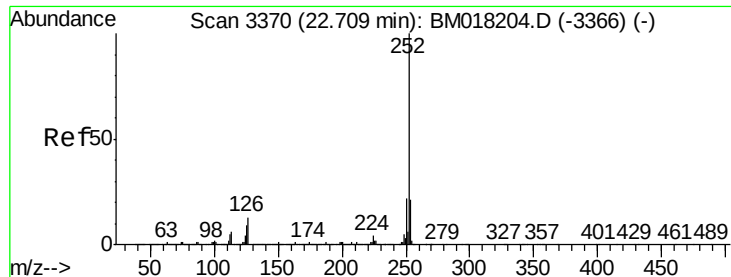
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.5	26.3
265	21.1	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 2.606 ng
RT: 22.66 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.0	17.6	26.4
125	9.9	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 2.640 ng

RT: 22.66 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BM018276.D

Acq: 18 Dec 2018 18:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

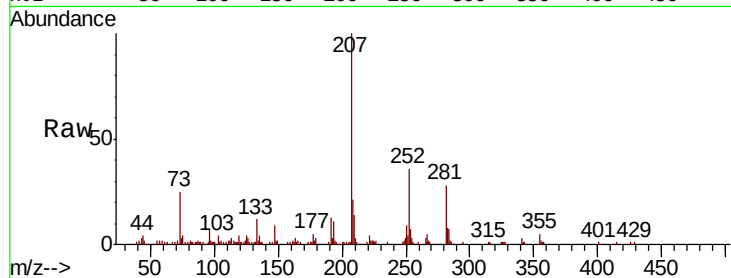
Tgt Ion:252 Resp: 69419

Ion Ratio Lower Upper

252 100

253 19.0 16.9 25.3

125 9.9 7.5 11.3



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

