

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121818\
 Data File : BM018288.D
 Acq On : 19 Dec 2018 01:24
 Operator : JU/SJ
 Sample : J6398-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-01_121118

Quant Time: Dec 19 03:33:44 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	137747	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	508494	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	248312	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	495910	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	551399	20.00	ng	-0.02
87) Perylene-d12	23.29	264	617406	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	493215	59.81	ng	0.00
7) Phenol-d6	6.69	99	381320	33.27	ng	-0.02
23) Nitrobenzene-d5	8.65	82	1008080	101.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	480510	131.84	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1945405	101.48	ng	-0.02
79) Terphenyl-d14	19.57	244	2526500	103.63	ng	0.00

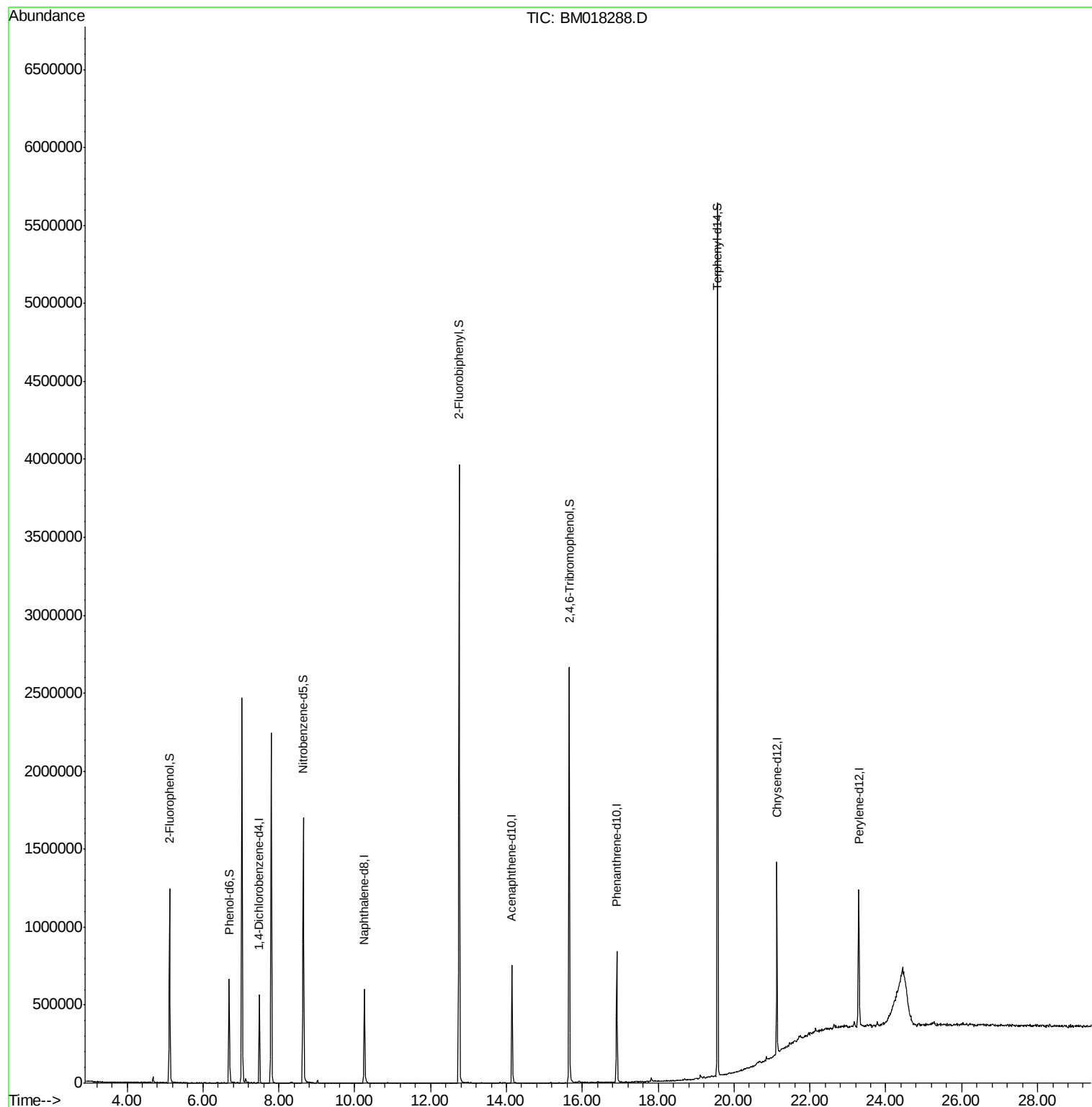
Target Compounds	Qvalue
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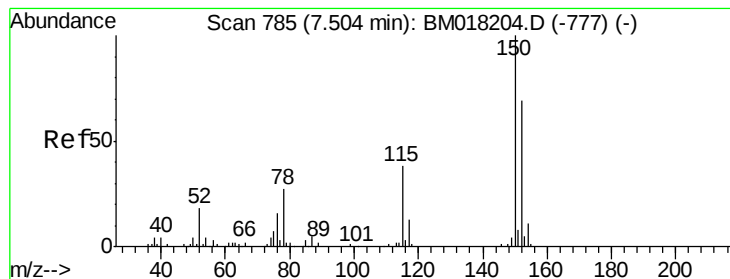
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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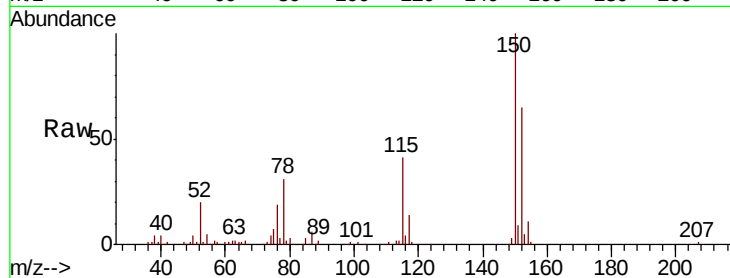


#1

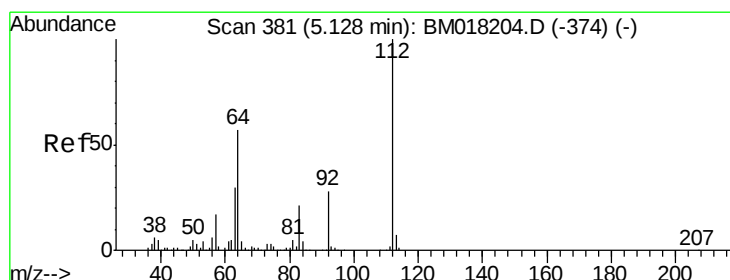
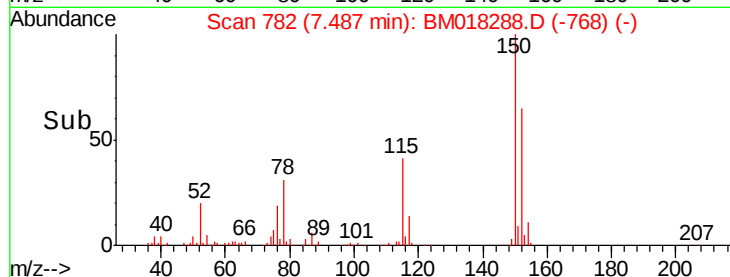
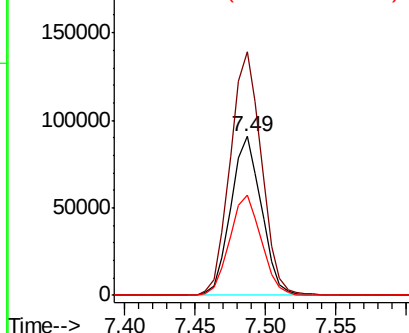
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018288.D
Acq: 19 Dec 2018 01:24

Instrument :
BNA_M
ClientSampleId :
FB-01_121118

Tgt Ion:152 Resp: 137747
Ion Ratio Lower Upper
152 100
150 153.4 116.1 174.1
115 62.9 44.6 67.0



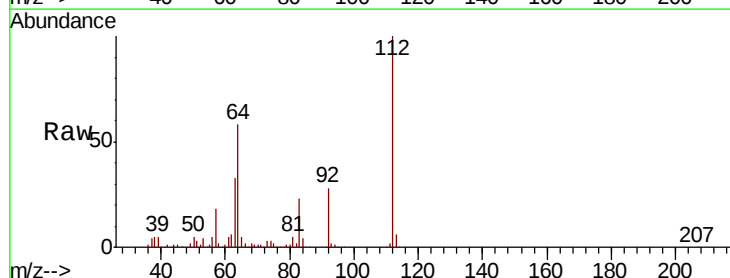
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



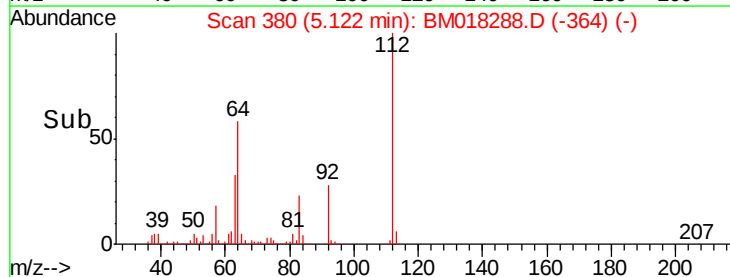
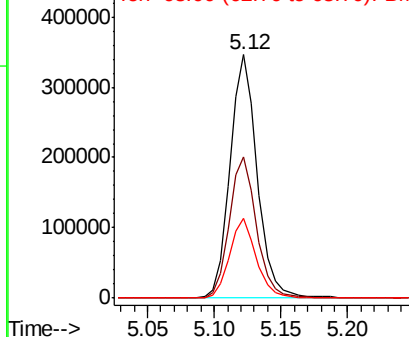
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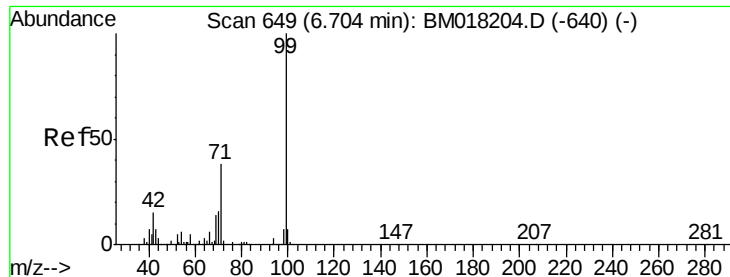
2-Fluorophenol
Concen: 59.813 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018288.D
Acq: 19 Dec 2018 01:24

Tgt Ion:112 Resp: 493215
Ion Ratio Lower Upper
112 100
64 58.0 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: 33.271 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018288.D

Acq: 19 Dec 2018 01:24

Instrument :

BNA_M

ClientSampleId :

FB-01_121118

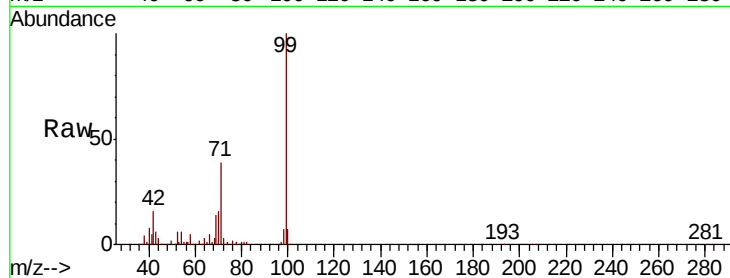
Tgt Ion: 99 Resp: 381320

Ion Ratio Lower Upper

99 100

42 16.1 12.3 18.5

71 39.0 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)

6.69

300000

250000

200000

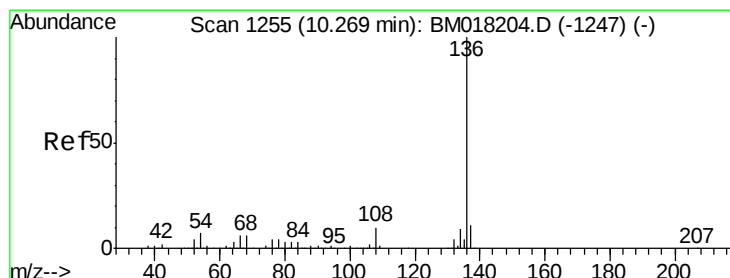
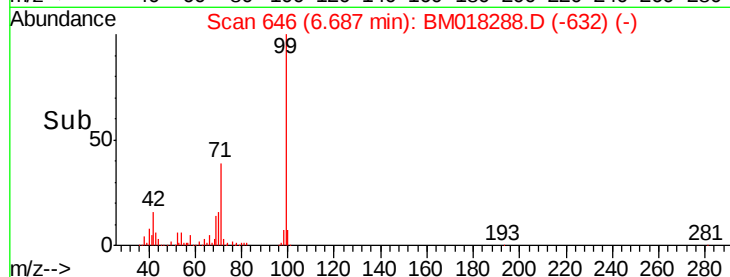
150000

100000

50000

0

Time--> 6.60 6.65 6.70 6.75



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018288.D

Acq: 19 Dec 2018 01:24

Tgt Ion: 136 Resp: 508494

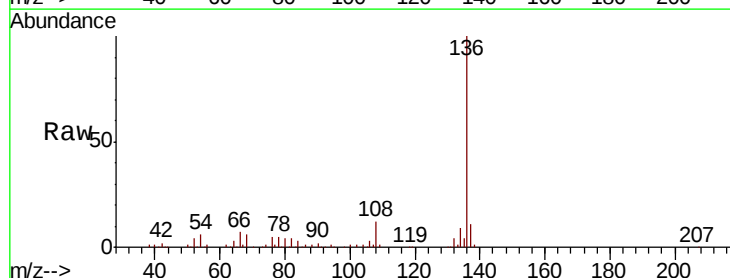
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.1 5.2 7.8

68 6.4 5.0 7.6



Abundance Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM018204.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM018204.D (-1247) (-)

10.25

400000

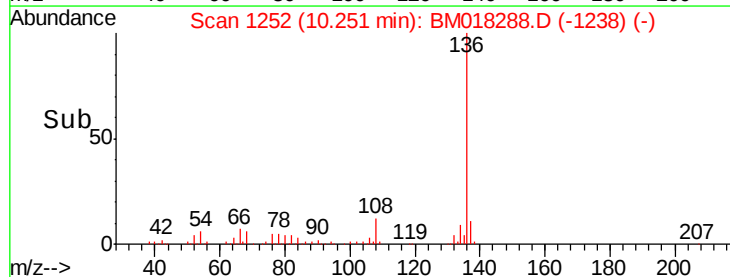
300000

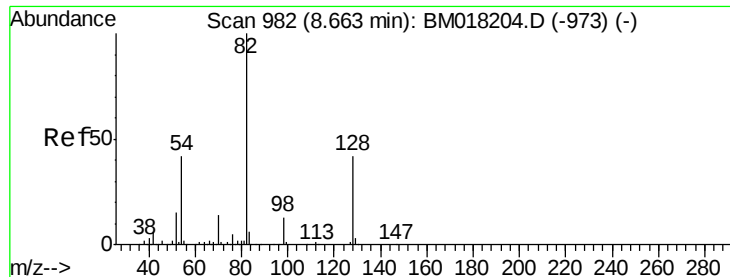
200000

100000

0

Time--> 10.20 10.30

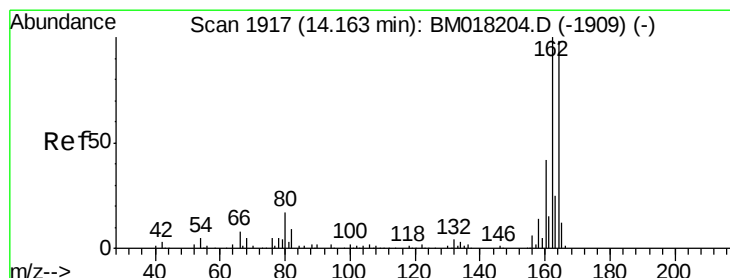
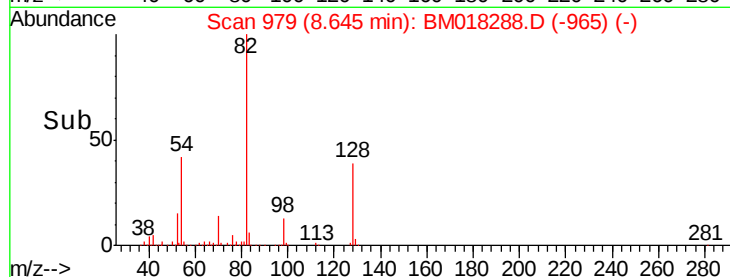
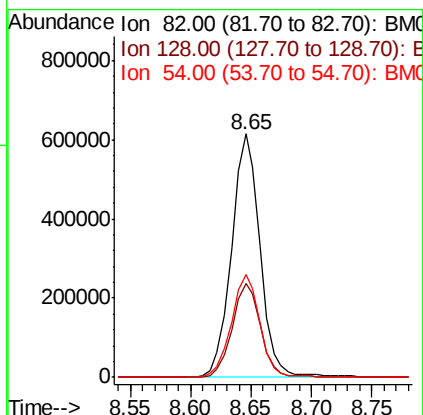
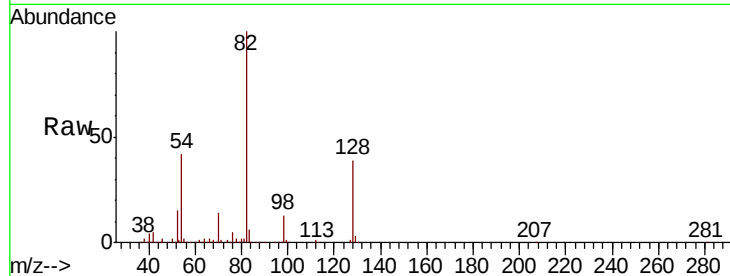




#23
 Nitrobenzene-d5
 Concen: 101.689 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018288.D
 Acq: 19 Dec 2018 01:24

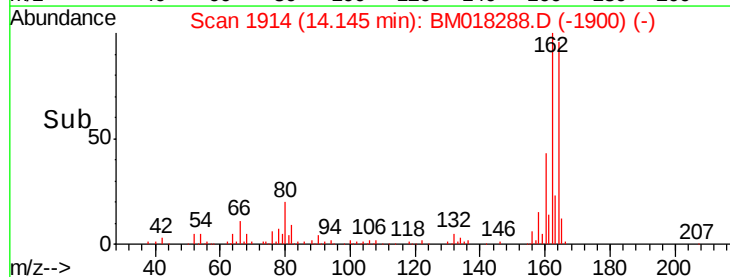
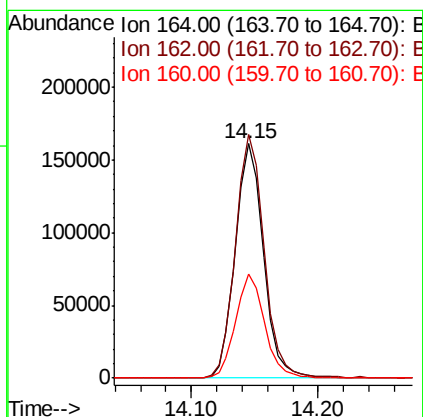
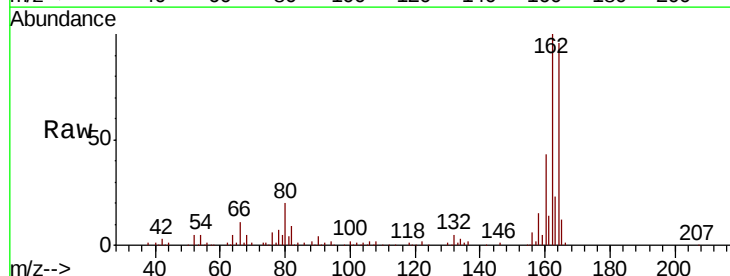
Instrument :
 BNA_M
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 FB-01_121118

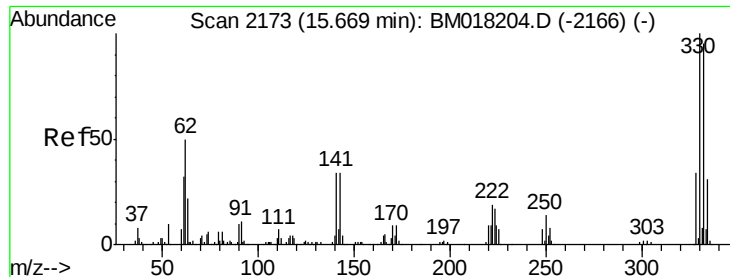
Tgt Ion: 82 Resp: 1008080
 Ion Ratio Lower Upper
 82 100
 128 38.6 33.4 50.2
 54 42.3 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018288.D
 Acq: 19 Dec 2018 01:24

Tgt Ion: 164 Resp: 248312
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.8 122.6
 160 44.5 34.6 51.8

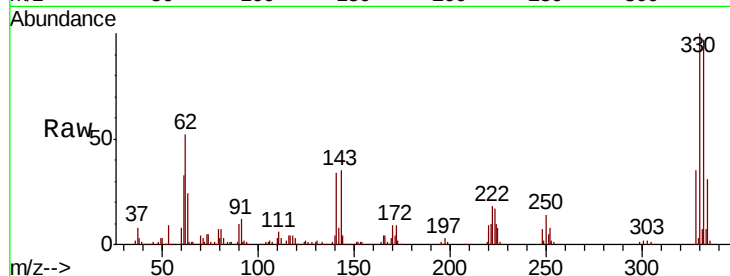




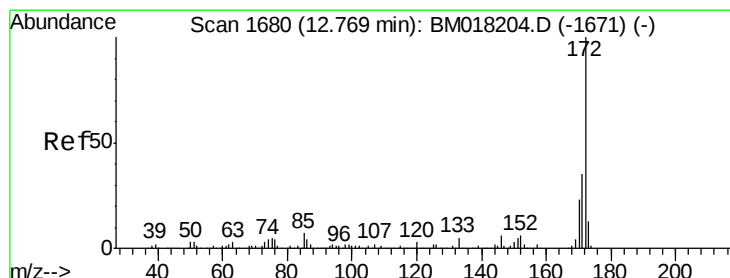
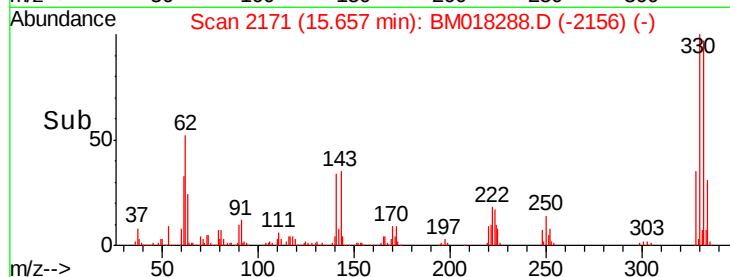
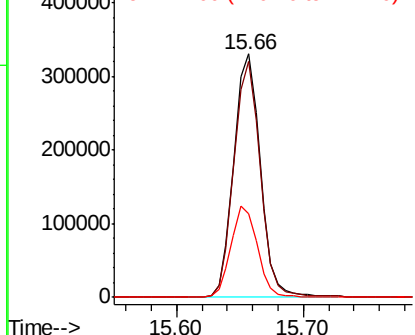
#42
 2,4,6-Tribromophenol
 Concen: 131.844 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018288.D
 Acq: 19 Dec 2018 01:24

Instrument :
 BNA_M
 ClientSampleId :
 FB-01_121118

Tgt Ion:330 Resp: 480510
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.6 118.0
 141 37.2 27.1 40.7

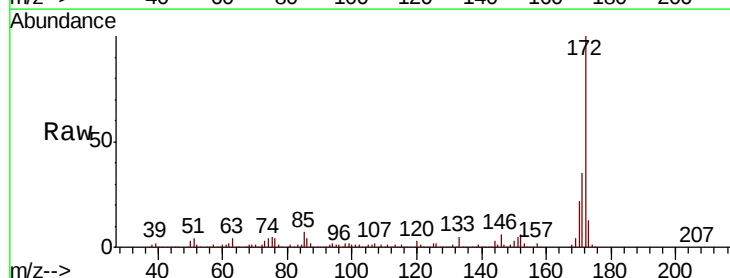


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

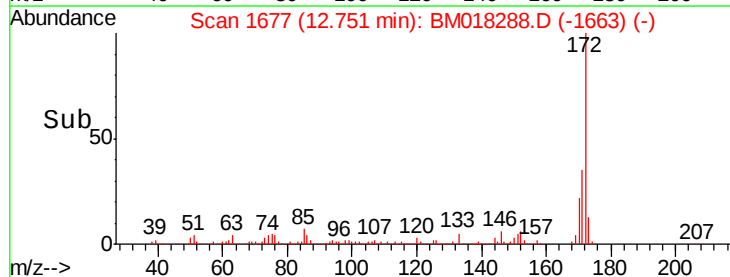
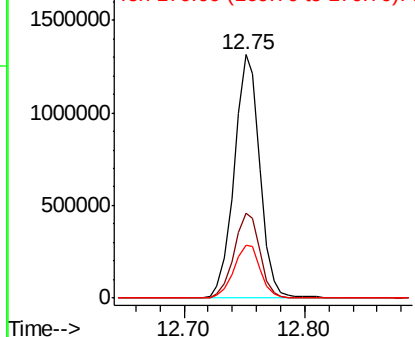


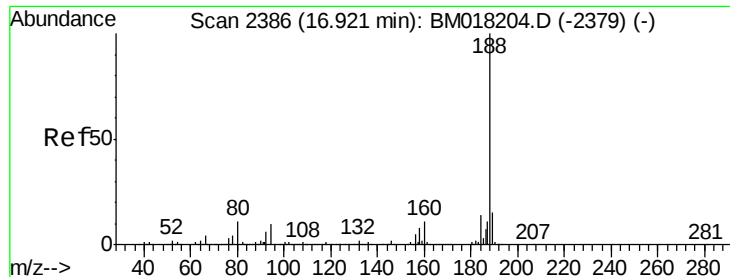
#45
 2-Fluorobiphenyl
 Concen: 101.475 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018288.D
 Acq: 19 Dec 2018 01:24

Tgt Ion:172 Resp: 1945405
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.3 42.5
 170 21.9 18.1 27.1



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

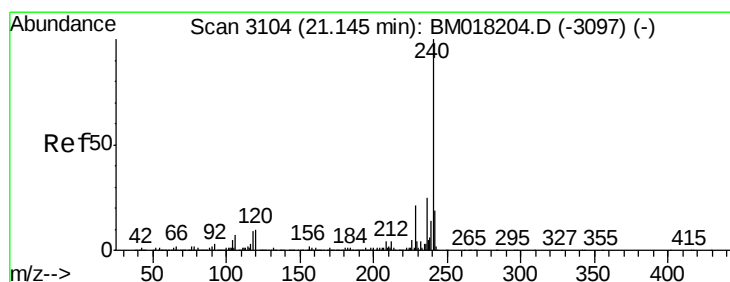
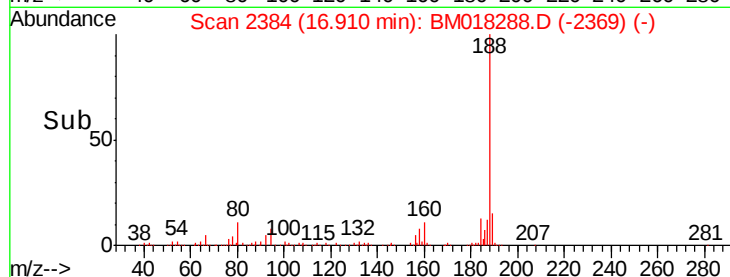
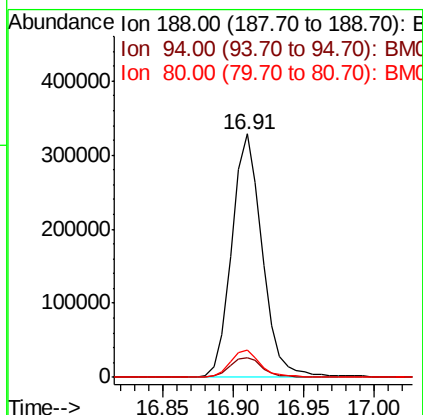
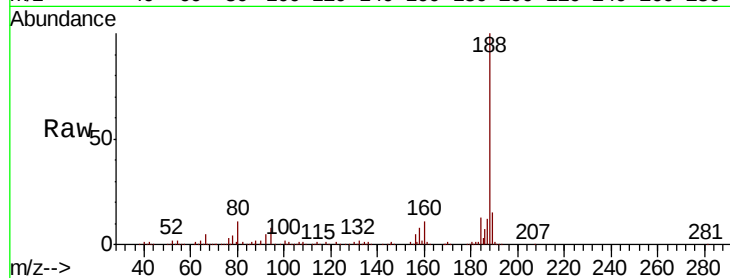




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018288.D
Acq: 19 Dec 2018 01:24

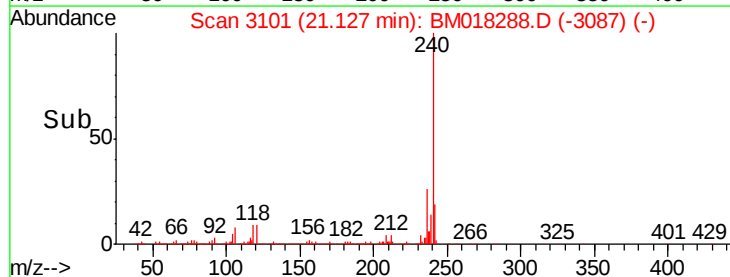
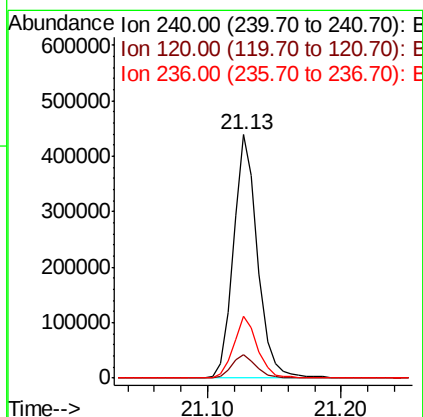
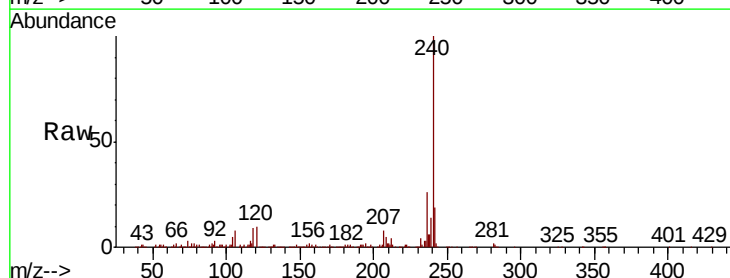
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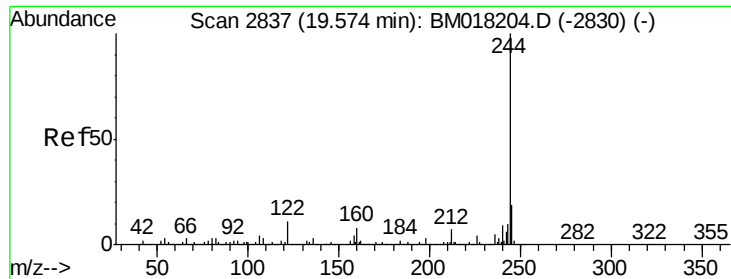
Tgt Ion:188 Resp: 495910
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 11.2 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018288.D
Acq: 19 Dec 2018 01:24

Tgt Ion:240 Resp: 551399
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 103.628 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018288.D

Acq: 19 Dec 2018 01:24

Instrument :

BNA_M

ClientSampleId :

FB-01_121118

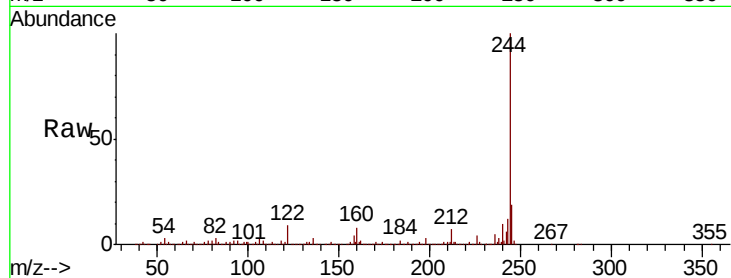
Tgt Ion:244 Resp: 2526500

Ion Ratio Lower Upper

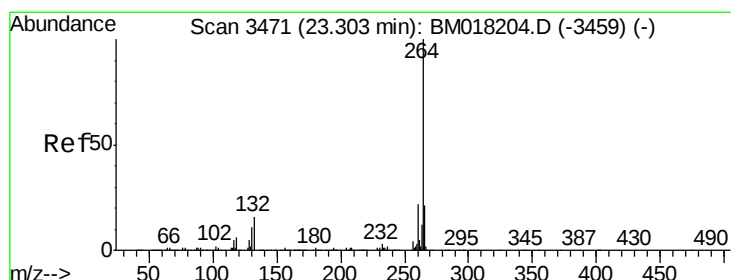
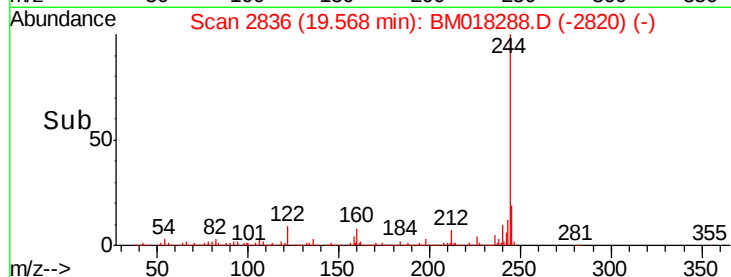
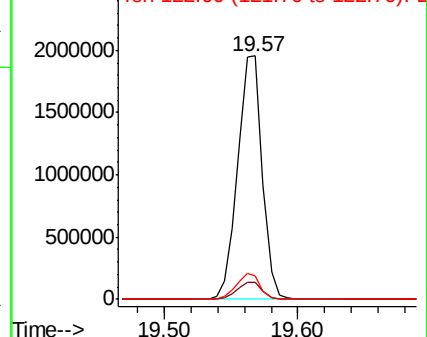
244 100

212 7.1 5.8 8.8

122 9.4 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# 3468

Delta R.T. -0.02 min

Lab File: BM018288.D

Acq: 19 Dec 2018 01:24

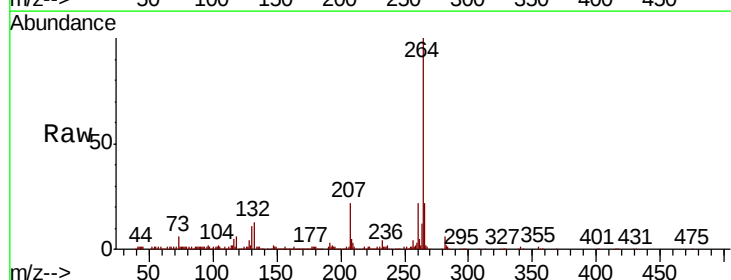
Tgt Ion:264 Resp: 617406

Ion Ratio Lower Upper

264 100

260 22.5 17.5 26.3

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

