

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018281.D
 Acq On : 18 Dec 2018 21:12
 Operator : JU/SJ
 Sample : J6377-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD006-0006-02

Quant Time: Dec 19 03:32:01 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

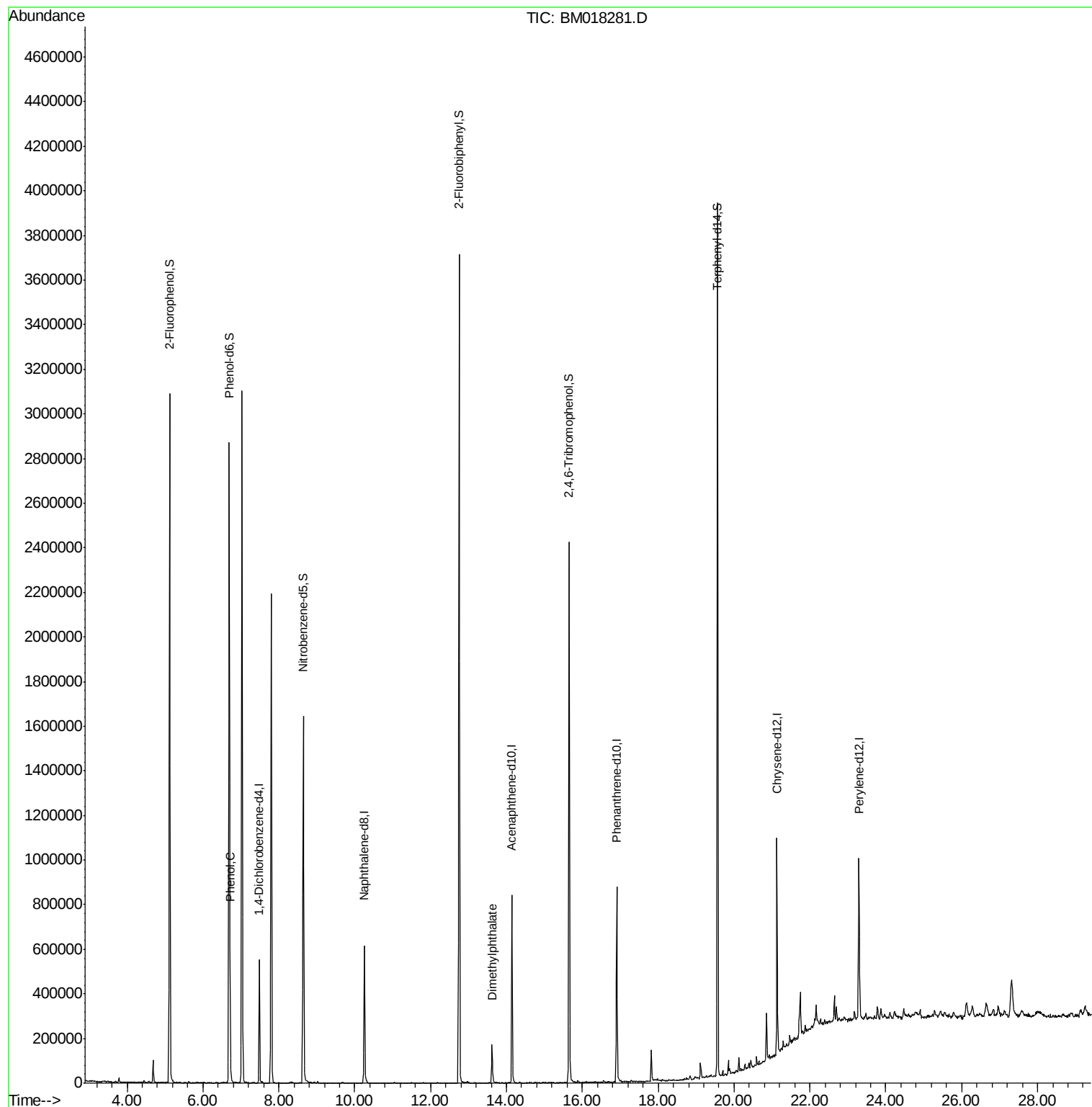
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	134056	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	515066	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	265308	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	496912	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	426562	20.00	ng	-0.01
87) Perylene-d12	23.29	264	467584	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1180824	147.14	ng	0.00
7) Phenol-d6	6.69	99	1565770	140.38	ng	-0.01
23) Nitrobenzene-d5	8.65	82	979628	97.56	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	427206	109.71	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1799478	87.85	ng	-0.02
79) Terphenyl-d14	19.56	244	1690884	89.65	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	92346	7.818	ng	93
50) Dimethylphthalate	13.62	163	122049	5.533	ng	99

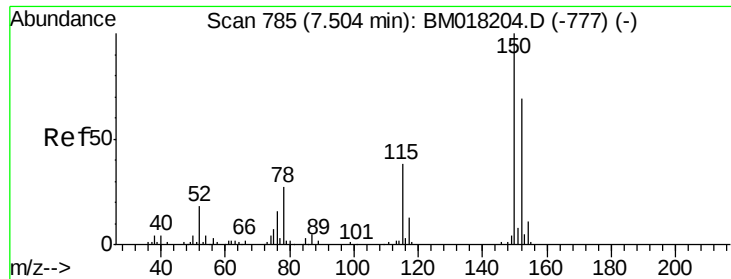
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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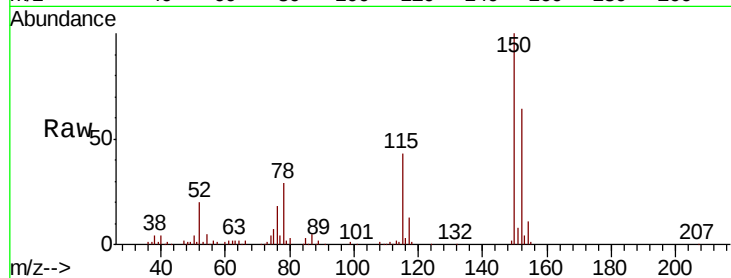


#1

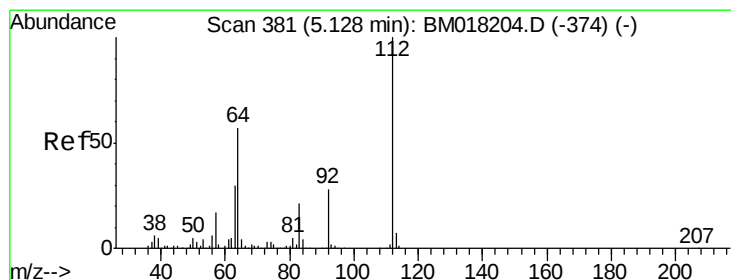
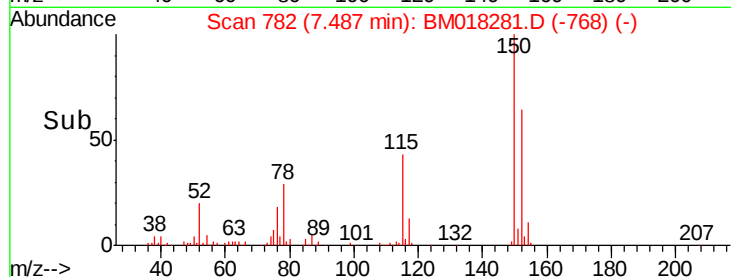
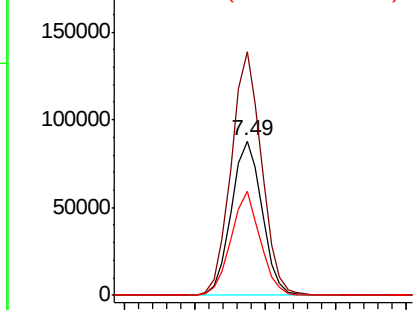
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0006-02

Tot Ion:152 Resp: 134056
Ion Ratio Lower Upper
152 100
150 157.5 116.1 174.1
115 67.5 44.6 67.0#



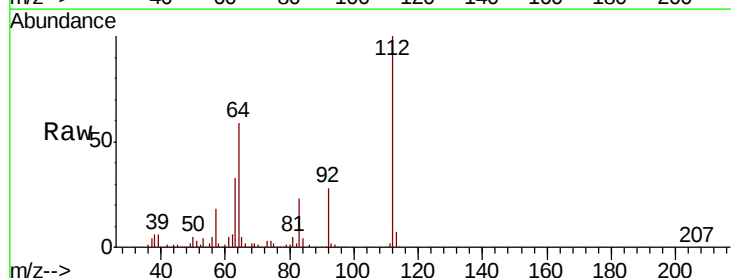
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



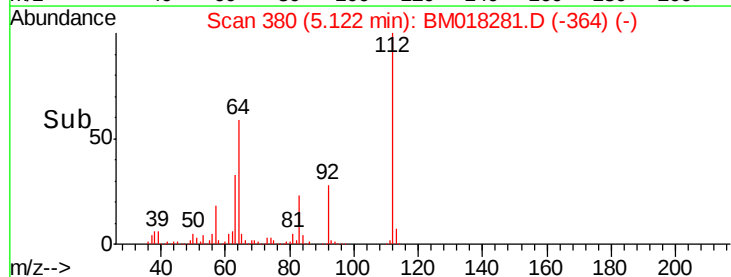
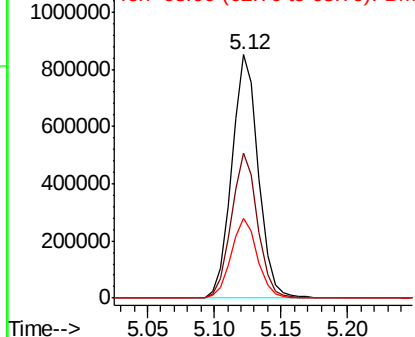
#5

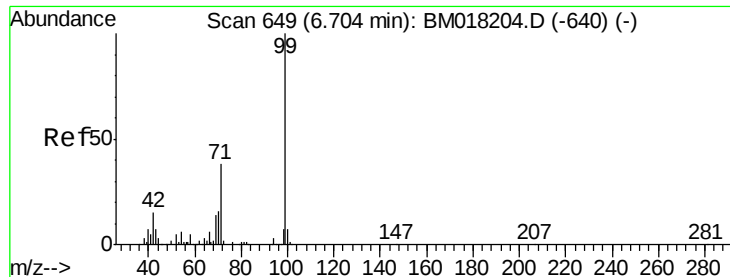
2-Fluorophenol
Concen: 147.144 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

Tgt Ion:112 Resp: 1180824
Ion Ratio Lower Upper
112 100
64 59.3 45.4 68.2
63 32.8 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: 140.376 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018281.D

Acq: 18 Dec 2018 21:12

Instrument :

BNA_M

ClientSampleId :

P001-SD006-0006-02

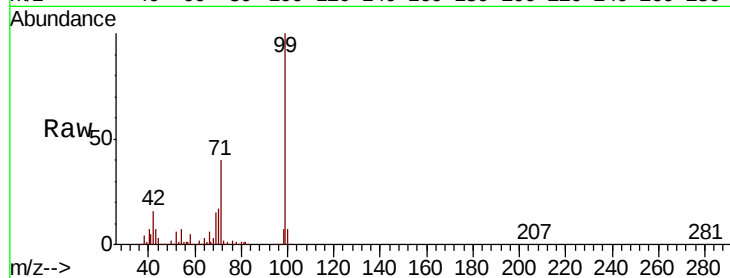
Tot Ion: 99 Resp: 1565770

Ion Ratio Lower Upper

99 100

42 16.5 12.3 18.5

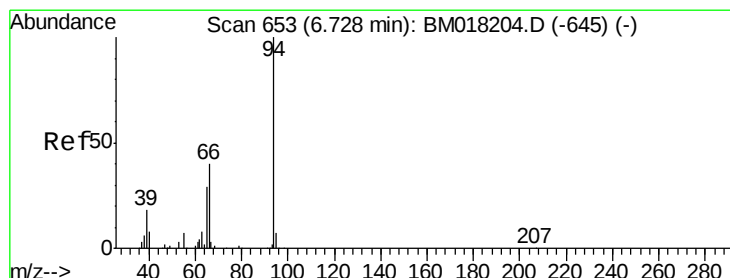
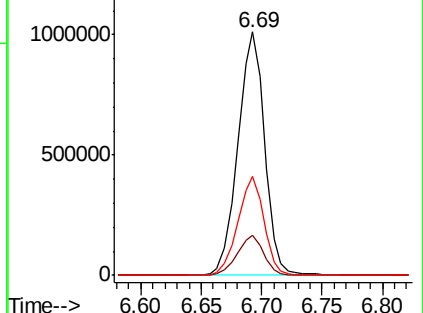
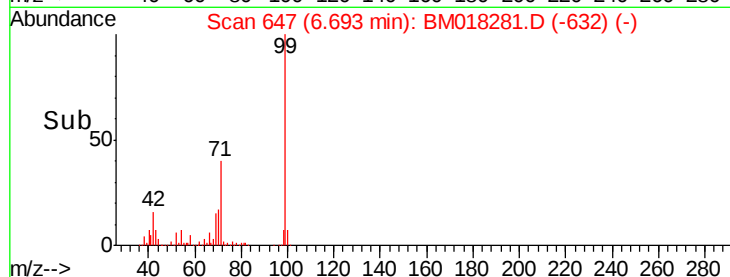
71 40.4 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018281.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018281.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018281.D (-632) (-)



#10

Phenol

Concen: 7.818 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018281.D

Acq: 18 Dec 2018 21:12

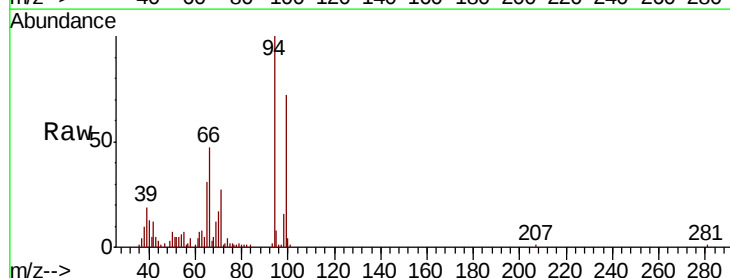
Tgt Ion: 94 Resp: 92346

Ion Ratio Lower Upper

94 100

65 31.1 9.5 49.5

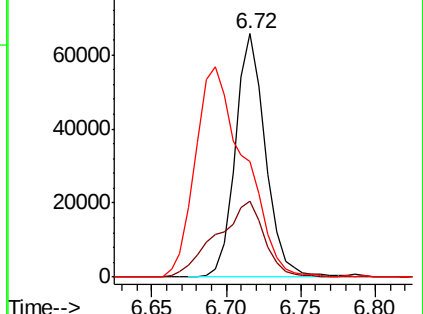
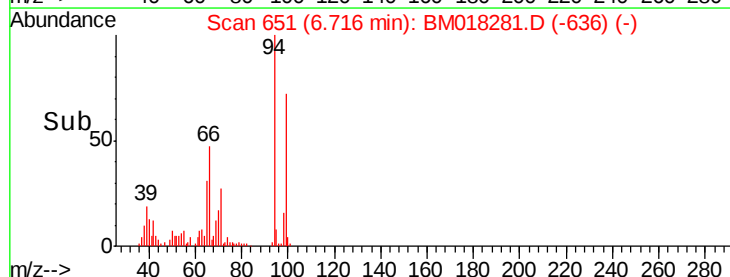
66 47.5 21.3 61.3

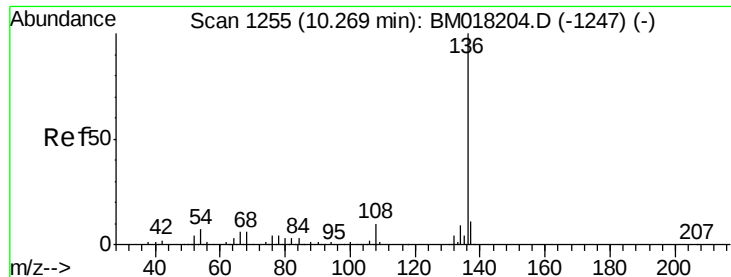


Abundance Ion 94.00 (93.70 to 94.70): BM018281.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018281.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018281.D (-636) (-)

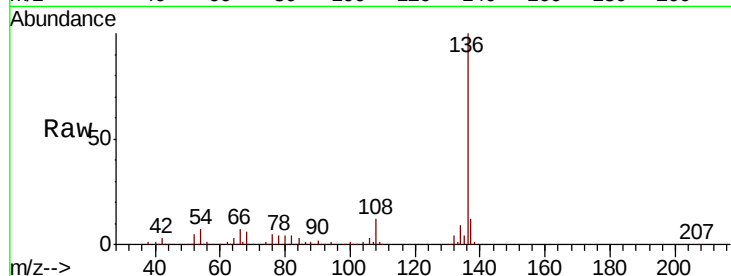




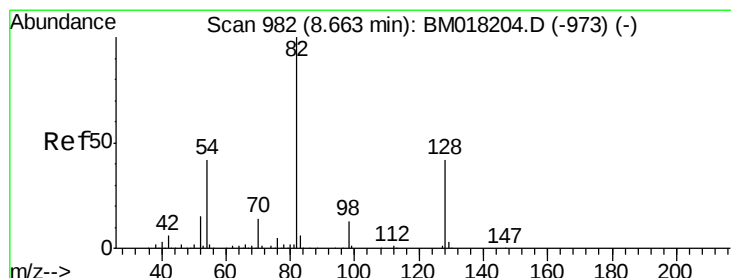
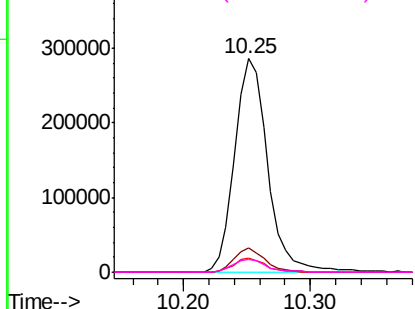
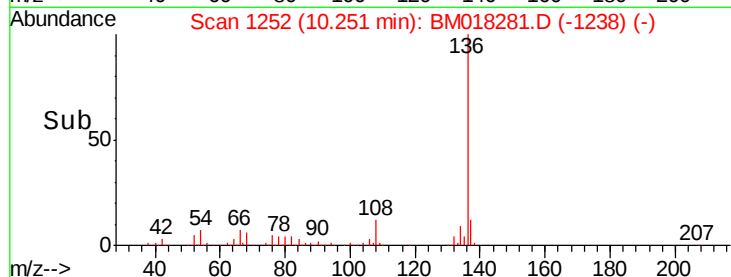
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0006-02

Tot Ion:136	Resp:	515066
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	6.6	5.2 7.8
68	6.0	5.0 7.6

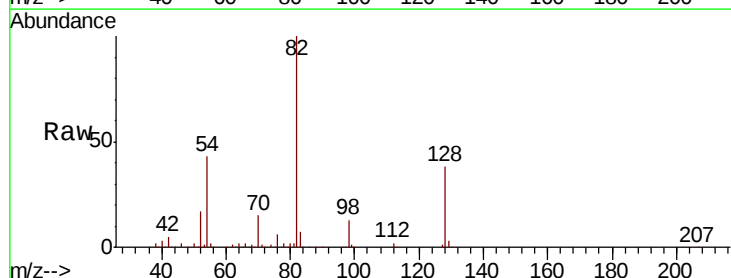


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

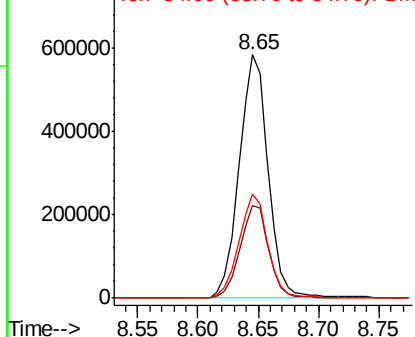
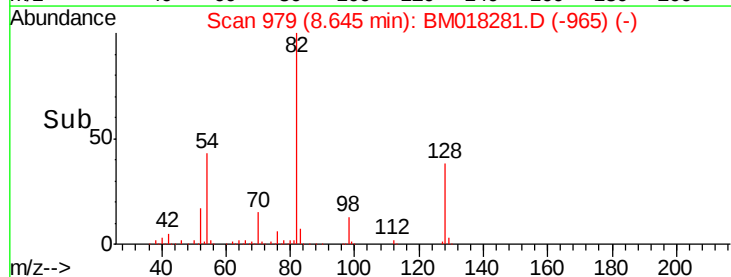


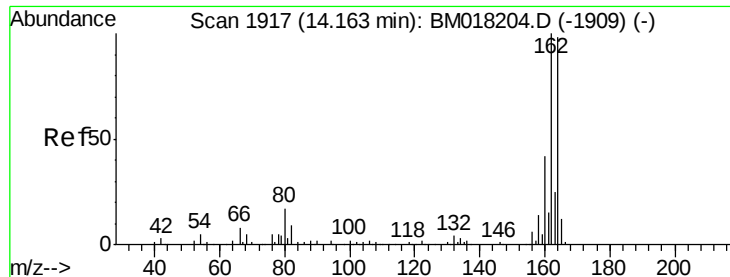
#23
Nitrobenzene-d5
Concen: 97.558 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

Tgt Ion: 82	Resp:	979628
Ion Ratio	Lower	Upper
82	100	
128	38.3	33.4 50.2
54	42.8	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: 14.15 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018281.D

Acq: 18 Dec 2018 21:12

Instrument :

BNA_M

ClientSampleId :

P001-SD006-0006-02

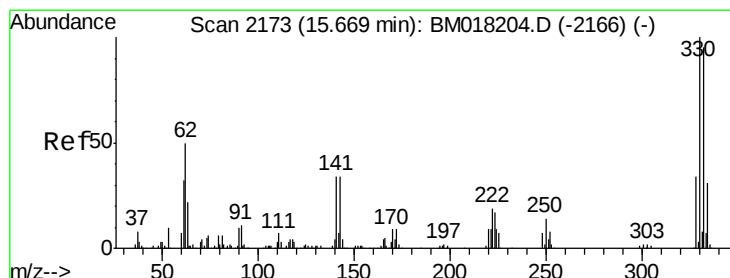
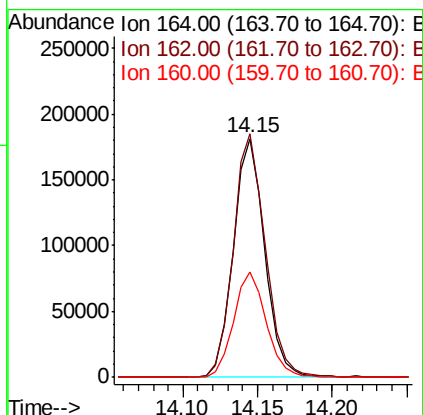
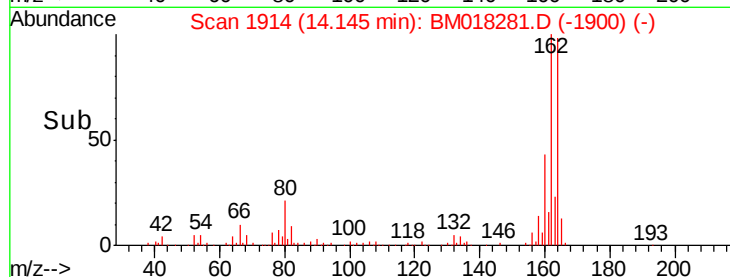
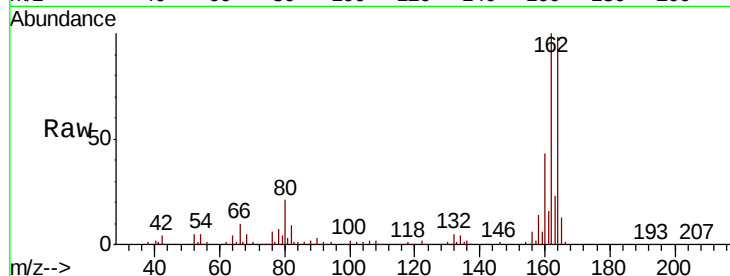
Tot Ion:164 Resp: 265308

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 44.0 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 109.709 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018281.D

Acq: 18 Dec 2018 21:12

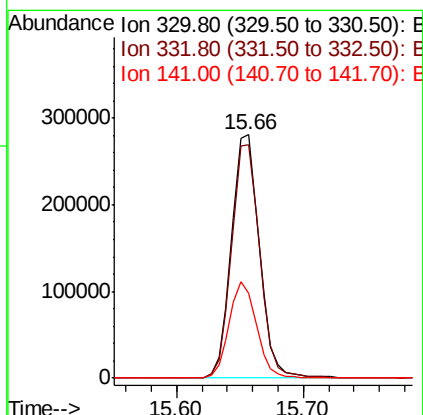
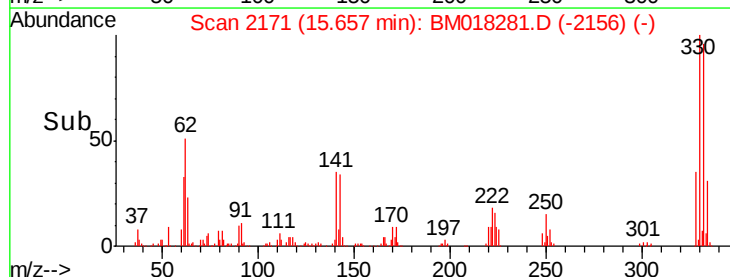
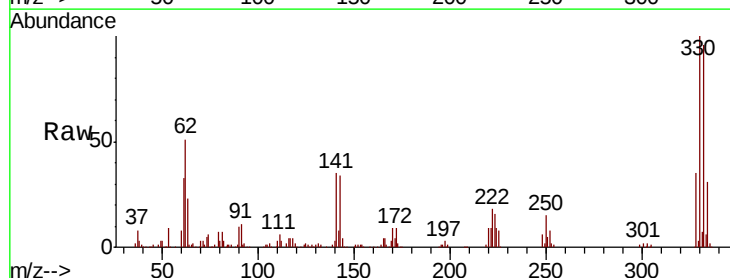
Tgt Ion:330 Resp: 427206

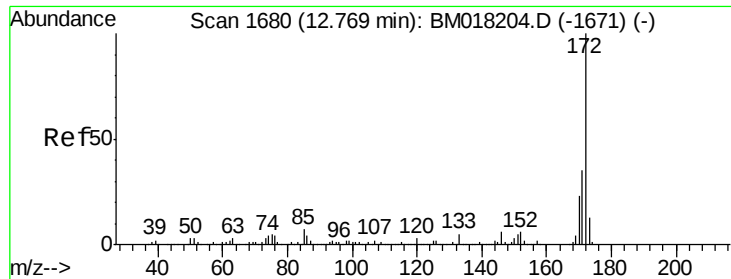
Ion Ratio Lower Upper

330 100

332 96.5 78.6 118.0

141 38.9 27.1 40.7

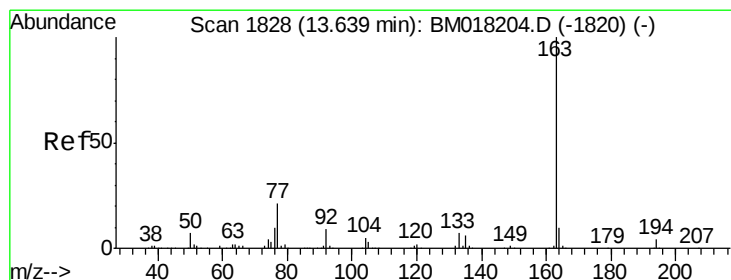
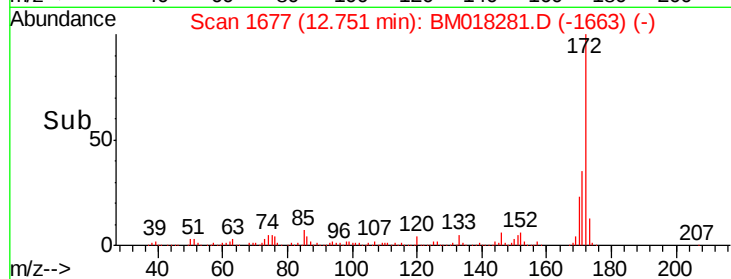
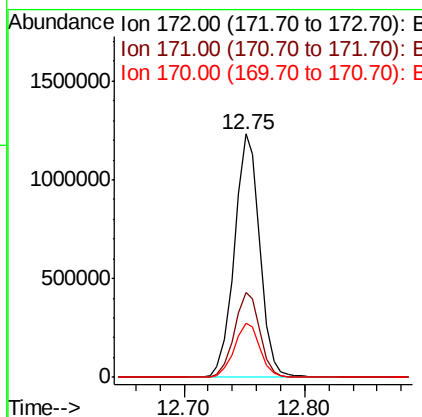
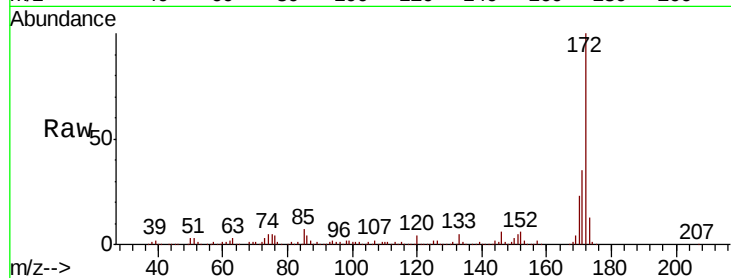




#45
2-Fluorobiphenyl
Concen: 87.851 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

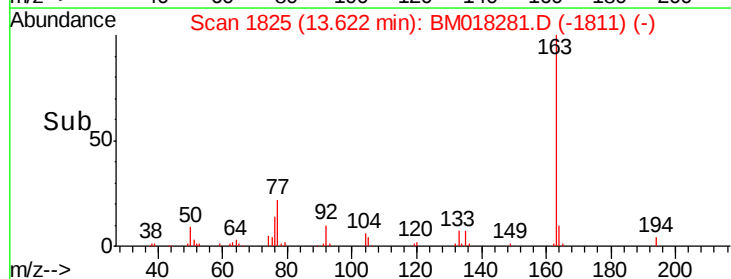
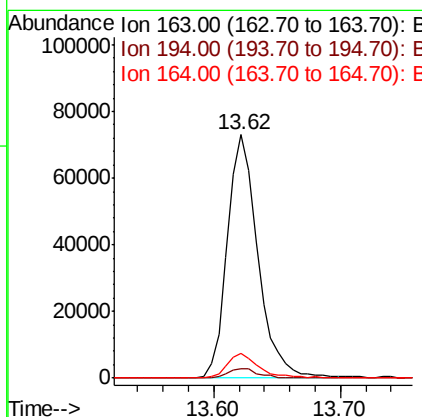
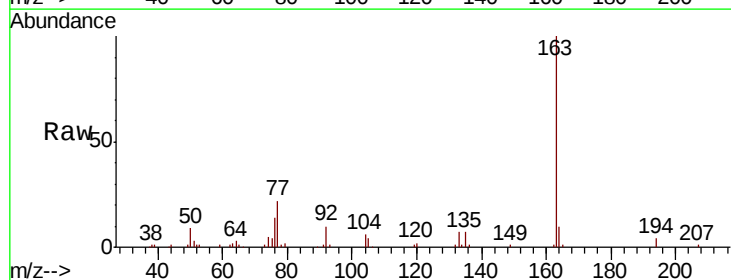
Instrument :
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P001-SD006-0006-02

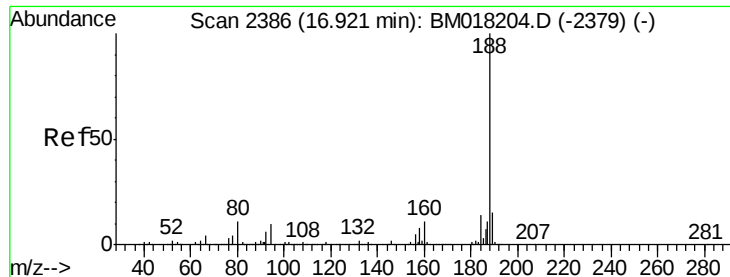
Tot Ion:172 Resp: 1799478
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.5 18.1 27.1



#50
Dimethylphthalate
Concen: 5.533 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

Tgt Ion:163 Resp: 122049
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.9 11.9

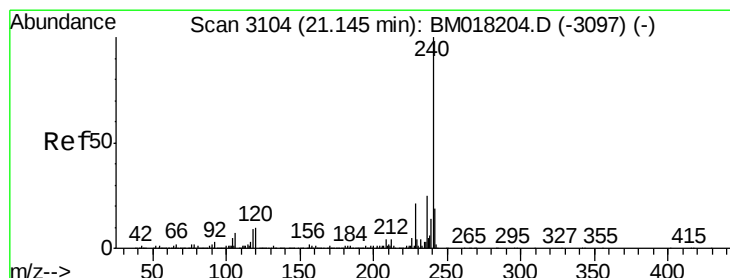
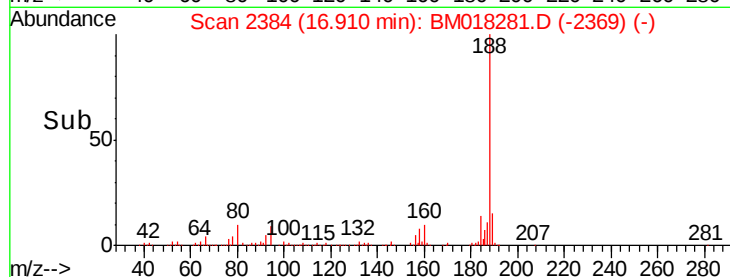
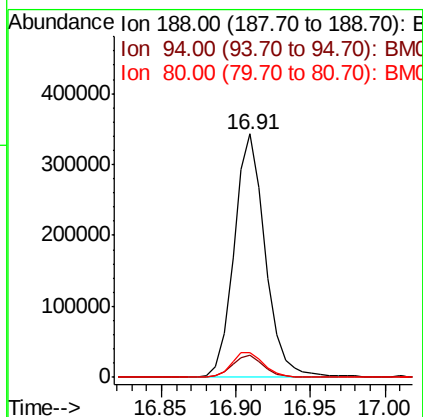
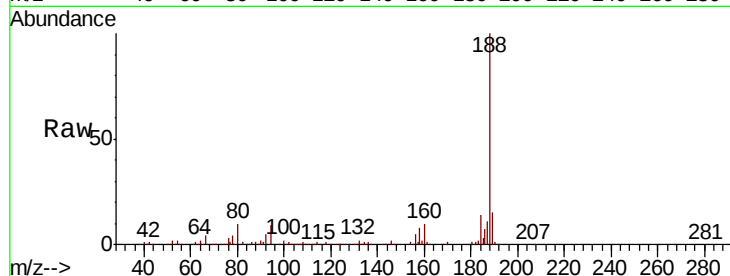




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

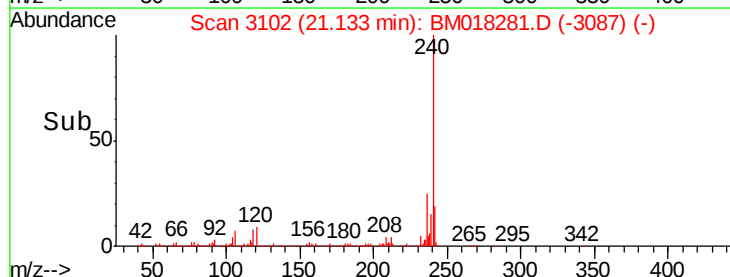
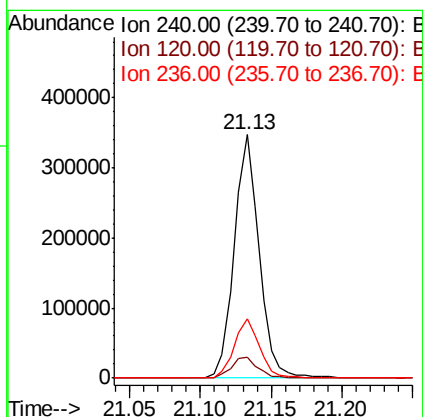
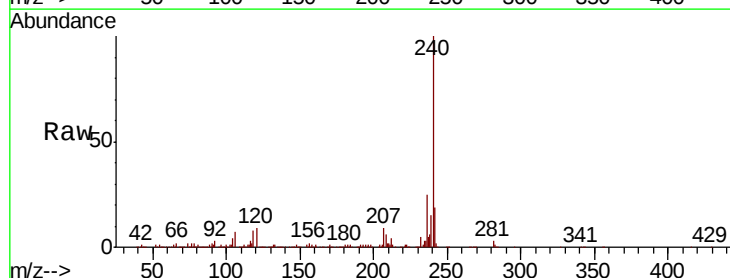
Instrument :
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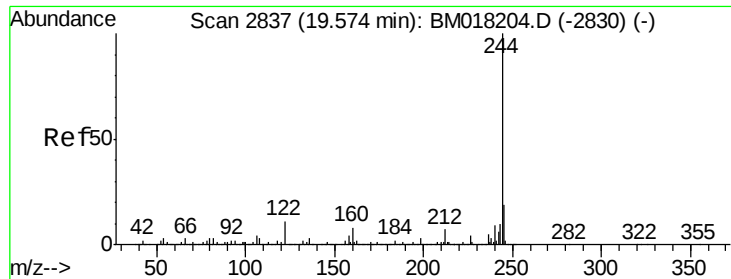
Tot Ion:188 Resp: 496912
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 10.1 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018281.D
Acq: 18 Dec 2018 21:12

Tgt Ion:240 Resp: 426562
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 24.6 20.3 30.5





#79

Terphenyl-d14

Concen: 89.651 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018281.D

Acq: 18 Dec 2018 21:12

Instrument :

BNA_M

ClientSampleId :

P001-SD006-0006-02

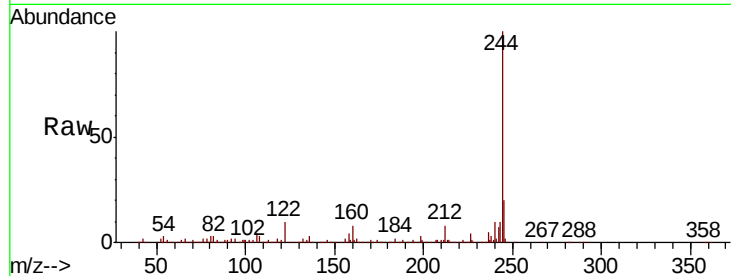
Tot Ion:244 Resp: 1690884

Ion Ratio Lower Upper

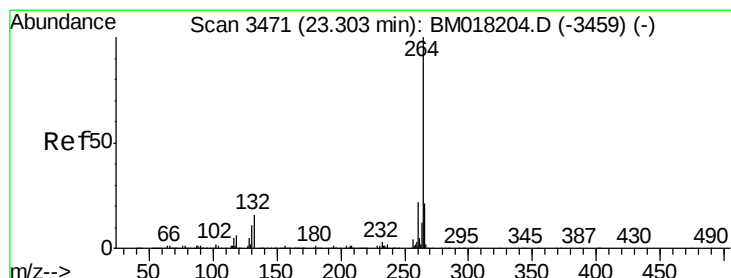
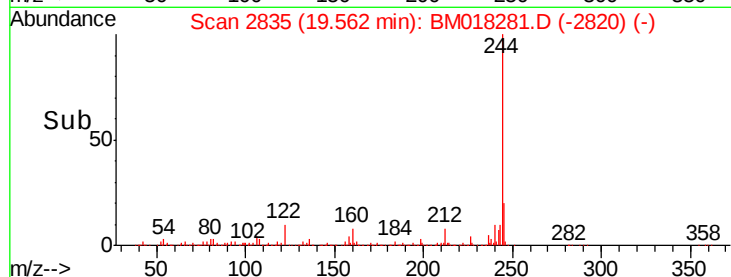
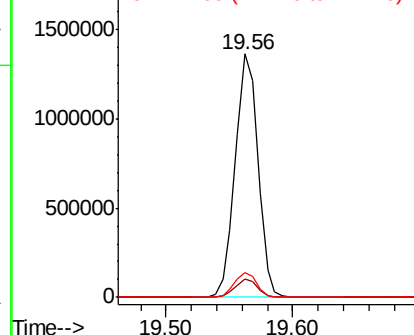
244 100

212 7.7 5.8 8.8

122 10.3 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: BM018281.D

Acq: 18 Dec 2018 21:12

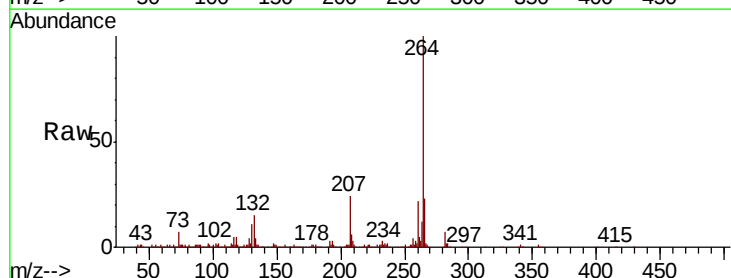
Tgt Ion:264 Resp: 467584

Ion Ratio Lower Upper

264 100

260 22.0 17.5 26.3

265 22.7 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

