

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018225.D
 Acq On : 16 Dec 2018 14:14
 Operator : JU/SJ
 Sample : J6377-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-02

Quant Time: Dec 17 03:54:38 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

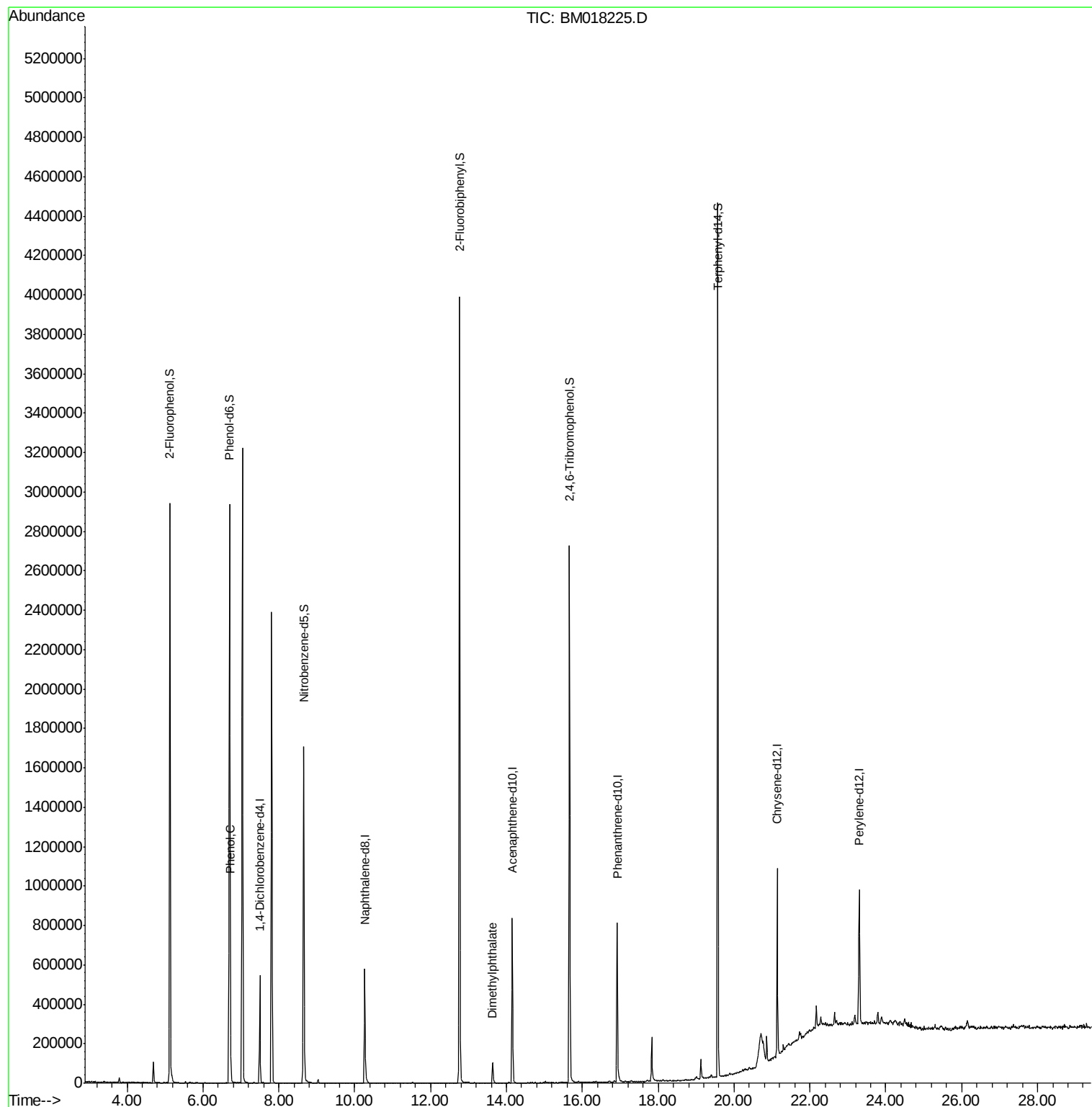
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	138110	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	526985	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	274678	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	512109	20.00	ng	0.00
76) Chrysene-d12	21.14	240	449756	20.00	ng	0.00
87) Perylene-d12	23.30	264	482169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1232777	149.11	ng	0.00
7) Phenol-d6	6.70	99	1668254	145.17	ng	0.00
23) Nitrobenzene-d5	8.66	82	1034128	100.66	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	497479	123.40	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2017807	95.15	ng	0.00
79) Terphenyl-d14	19.57	244	1997771	100.46	ng	0.00
Target Compounds						
10) Phenol	6.72	94	89127	7.324	ng	91
50) Dimethylphthalate	13.64	163	83586	3.660	ng	99

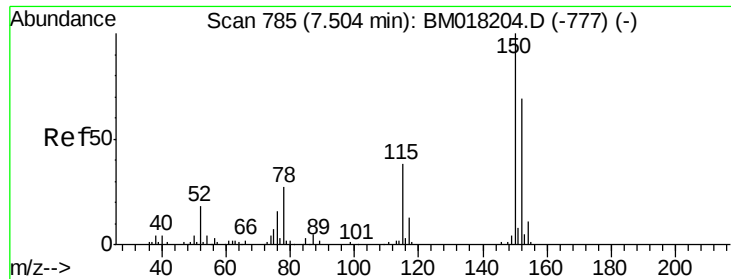
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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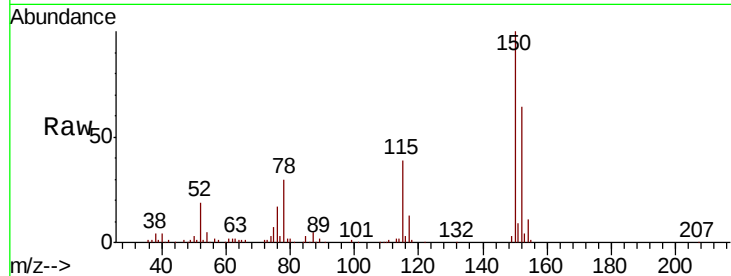


#1

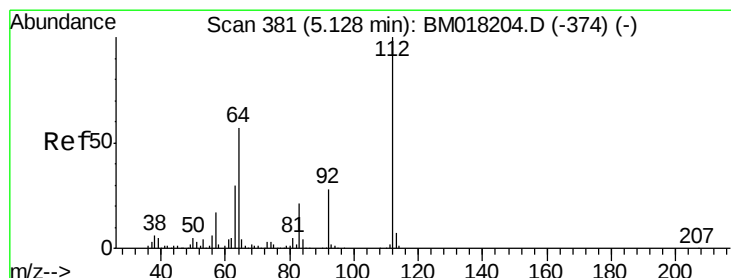
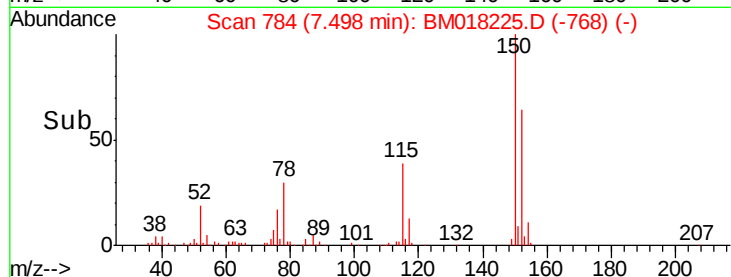
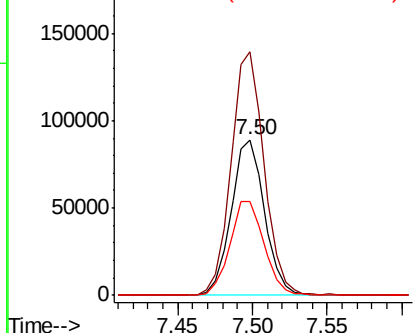
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018225.D
Acq: 16 Dec 2018 14:14

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-02

Tot Ion:152 Resp: 138110
Ion Ratio Lower Upper
152 100
150 156.7 116.1 174.1
115 60.5 44.6 67.0



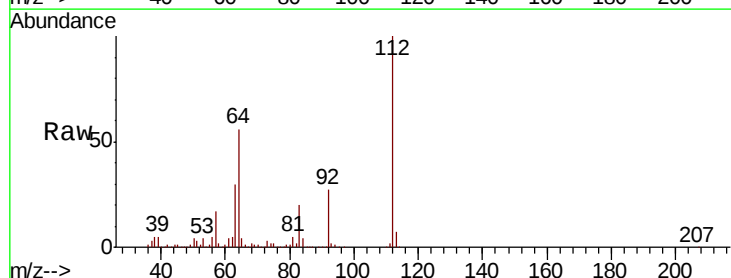
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



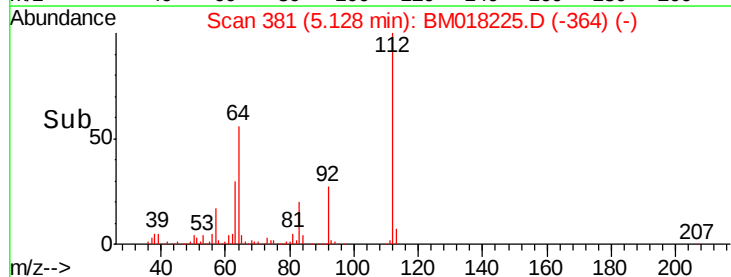
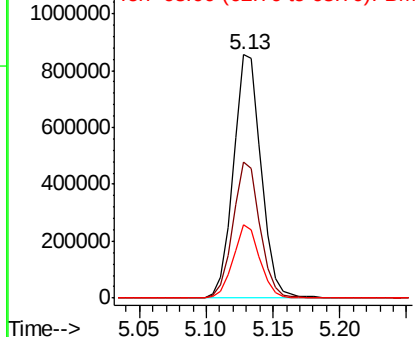
#5

2-Fluorophenol
Concen: 149.108 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018225.D
Acq: 16 Dec 2018 14:14

Tgt Ion:112 Resp: 1232777
Ion Ratio Lower Upper
112 100
64 55.7 45.4 68.2
63 30.4 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: 145.174 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

Instrument :

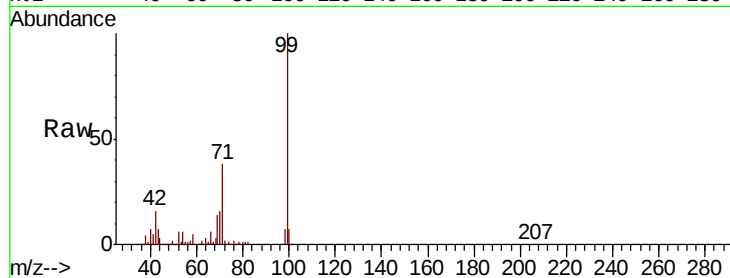
BNA_M

ClientSampleId :

P001-SS001-0612-02

Tot Ion: 99 Resp: 1668254

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.3	18.5
71	38.5	30.2	45.2

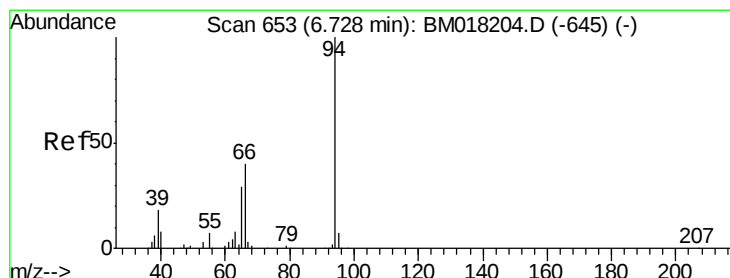
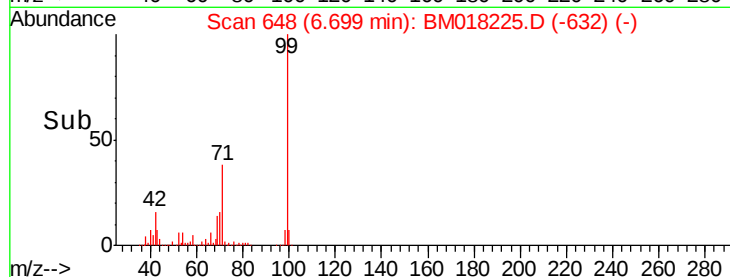
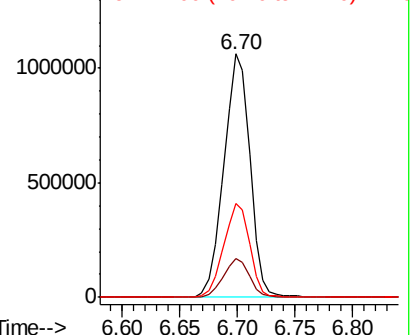


Abundance

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) (-)



#10

Phenol

Concen: 7.324 ng

RT: 6.72 min Scan# 652

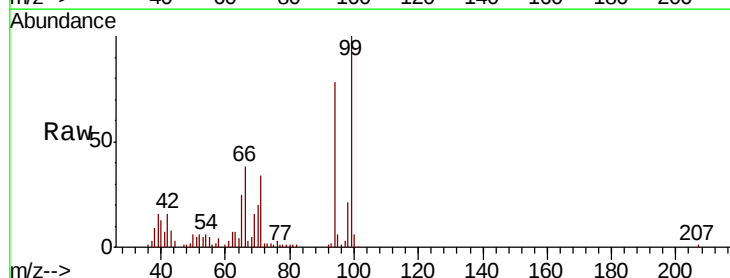
Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

Tgt Ion: 94 Resp: 89127

Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.5	49.5
66	48.9	21.3	61.3

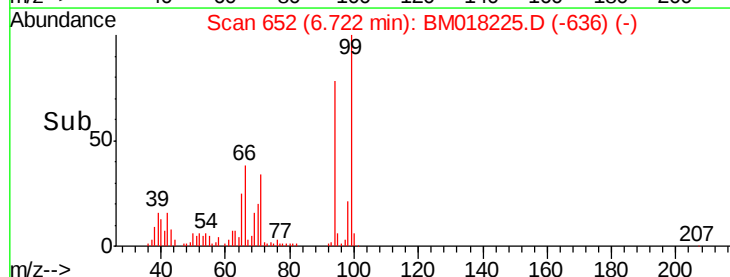
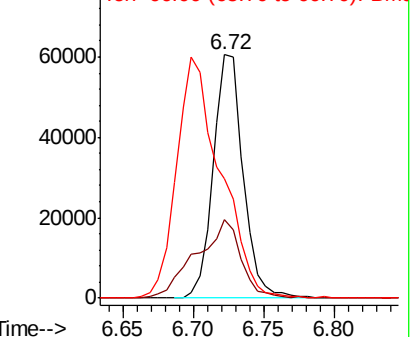


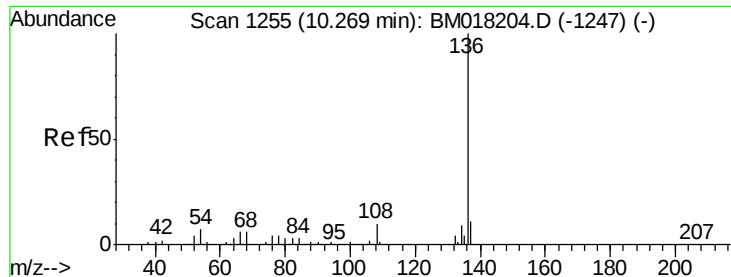
Abundance

Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-02

Tot Ion:136 Resp: 526985

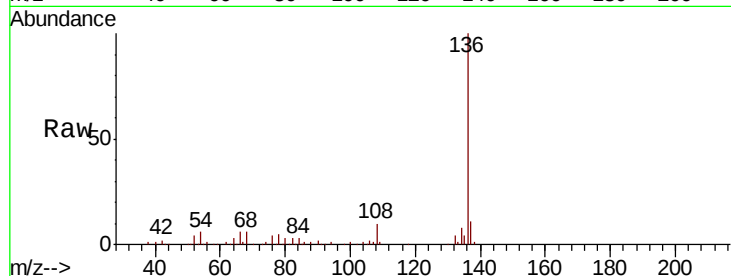
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.5 5.2 7.8

68 6.0 5.0 7.6

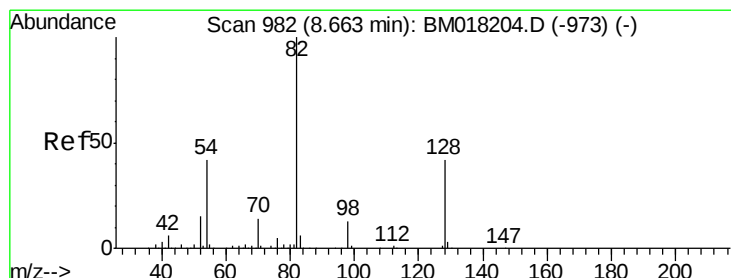
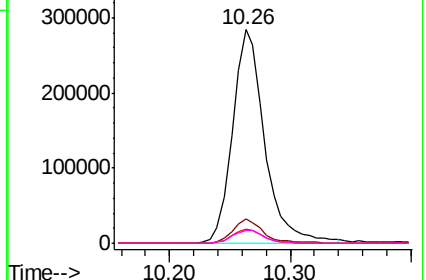
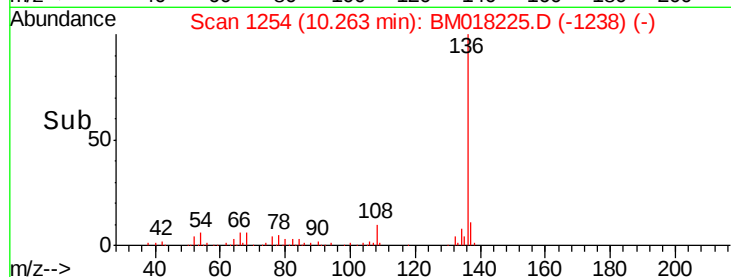


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.656 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

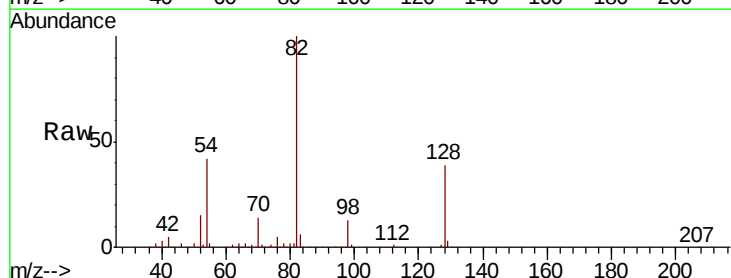
Tgt Ion: 82 Resp: 1034128

Ion Ratio Lower Upper

82 100

128 39.5 33.4 50.2

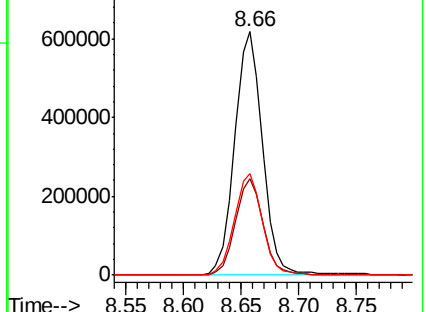
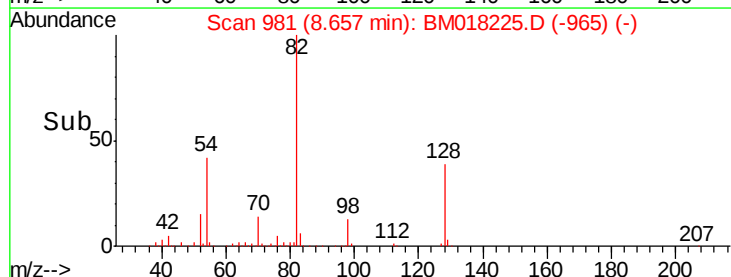
54 41.8 33.4 50.2

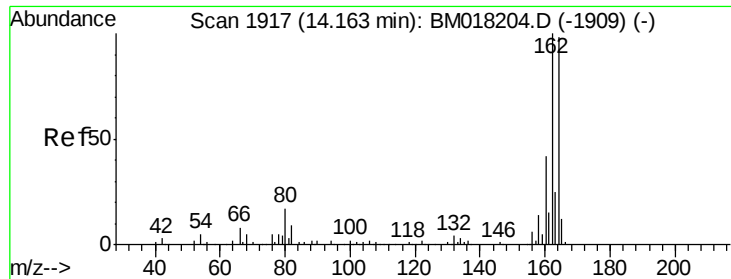


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-02

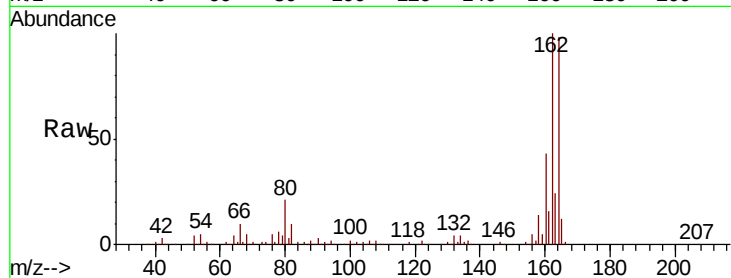
Tot Ion:164 Resp: 274678

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

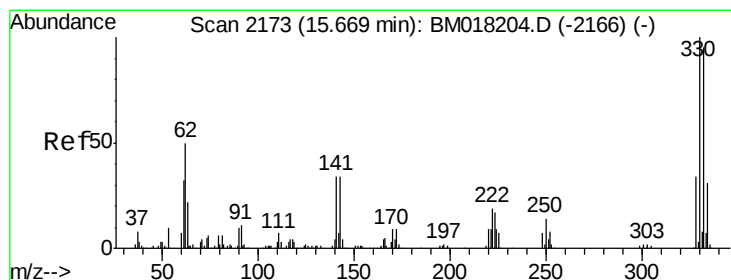
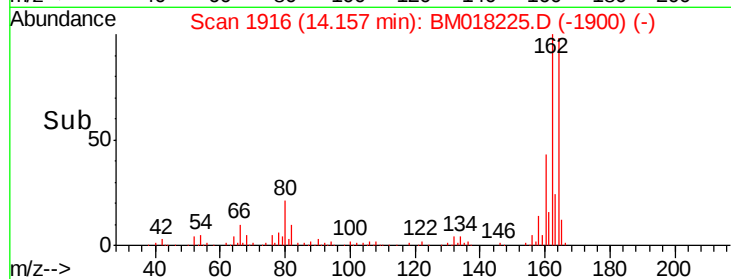
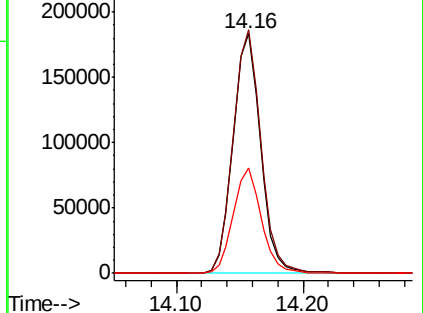
160 43.8 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 123.398 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

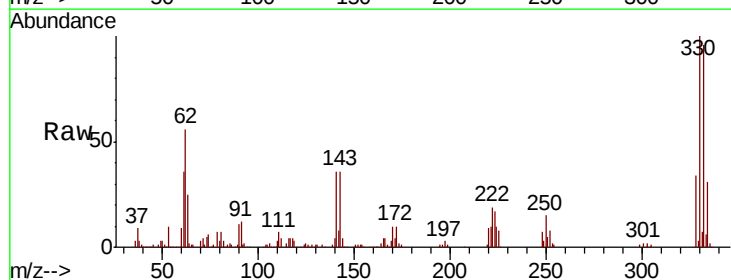
Tgt Ion:330 Resp: 497479

Ion Ratio Lower Upper

330 100

332 97.6 78.6 118.0

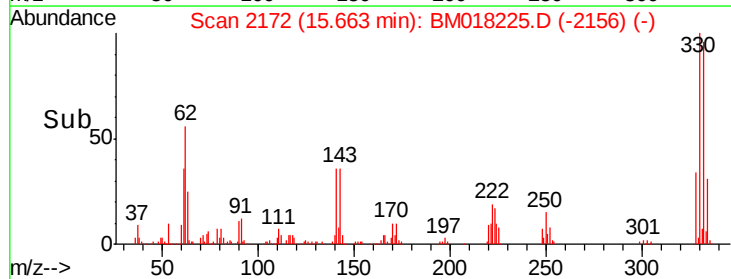
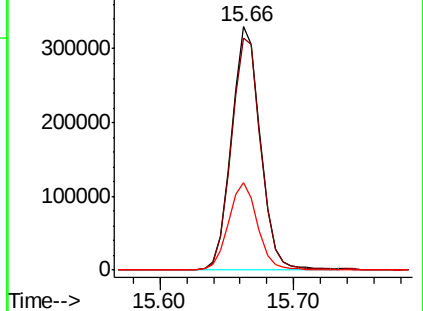
141 36.3 27.1 40.7

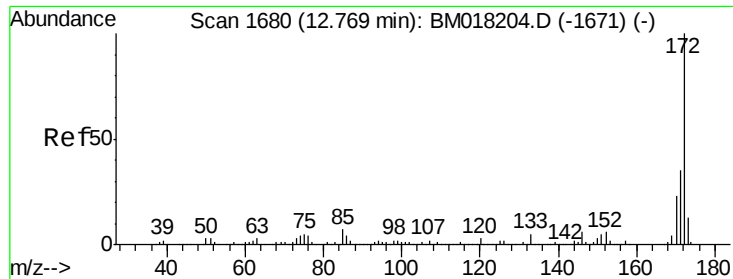


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

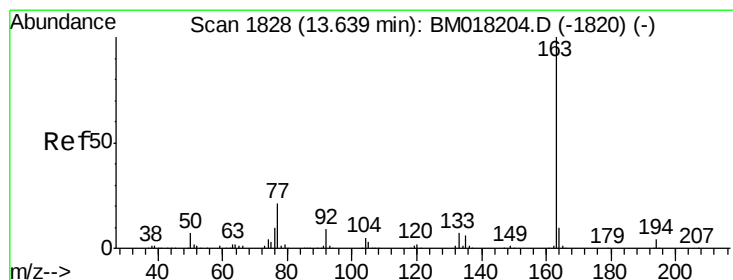
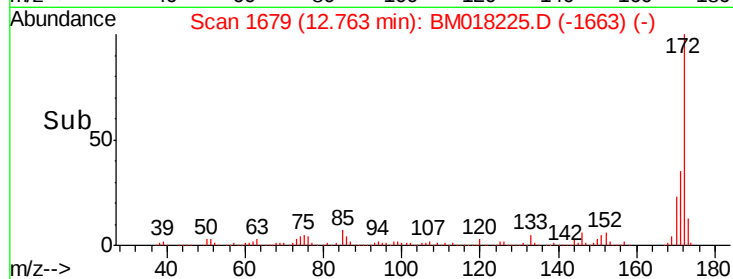
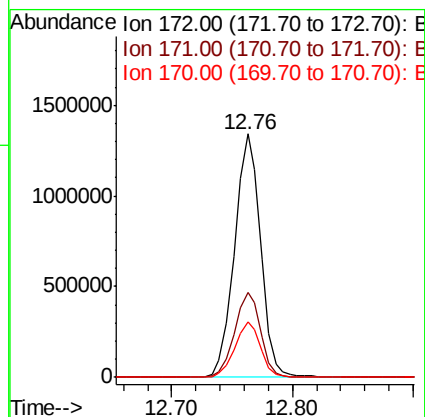
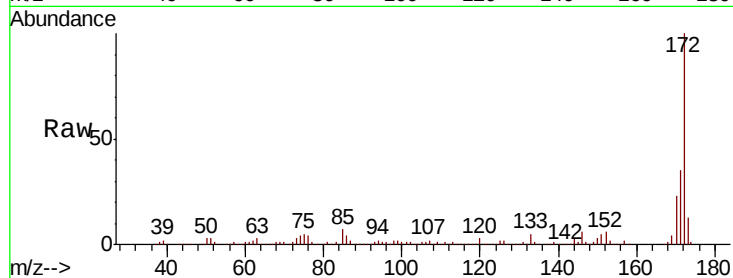




#45
2-Fluorobiphenyl
Concen: 95.149 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018225.D
Acq: 16 Dec 2018 14:14

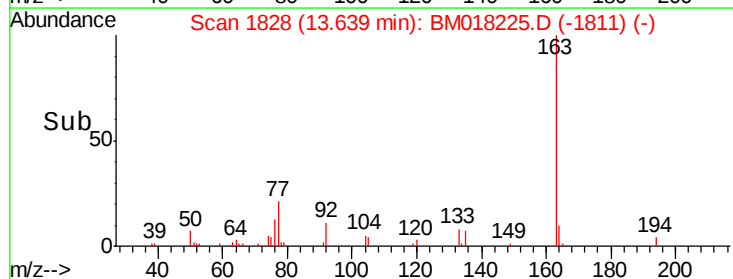
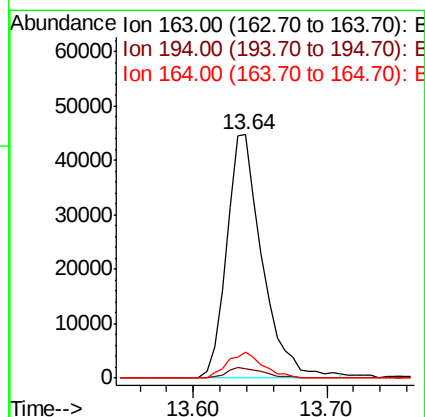
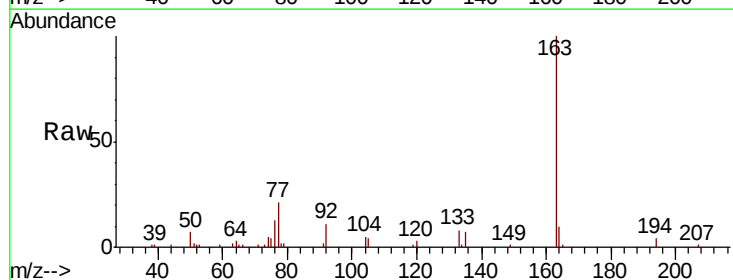
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-02

Tot Ion:172 Resp: 2017807
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 18.1 27.1



#50
Dimethylphthalate
Concen: 3.660 ng
RT: 13.64 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM018225.D
Acq: 16 Dec 2018 14:14

Tgt Ion:163 Resp: 83586
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.5 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-02

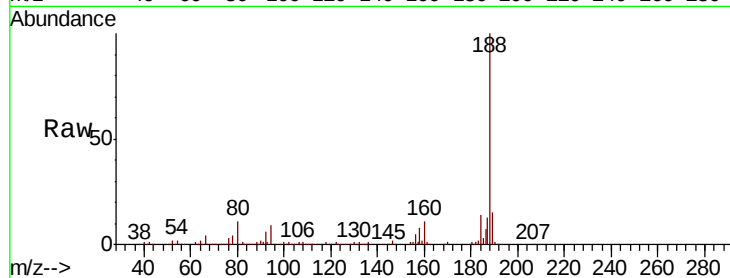
Tot Ion:188 Resp: 512109

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 10.8 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

400000

300000

200000

100000

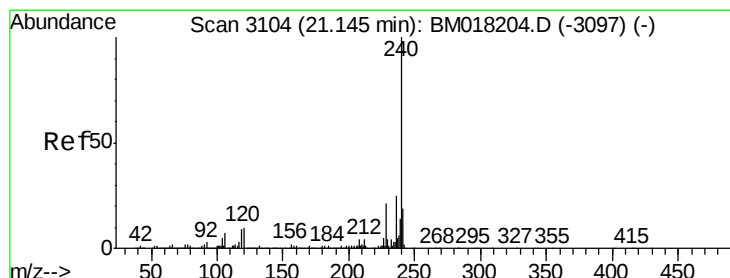
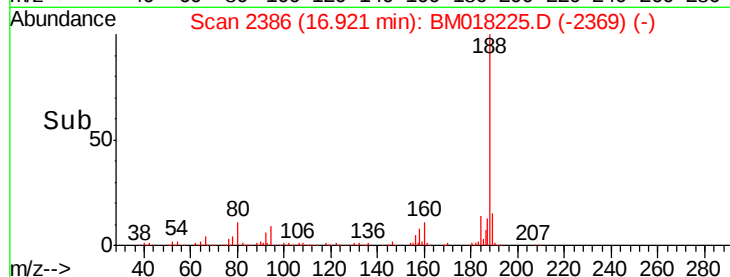
0

16.92

16.90

17.00

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

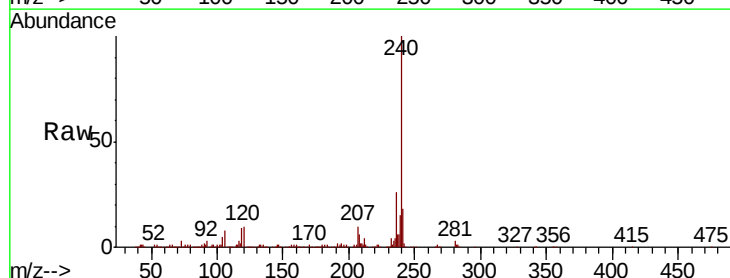
Tgt Ion:240 Resp: 449756

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 26.2 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

400000

300000

200000

100000

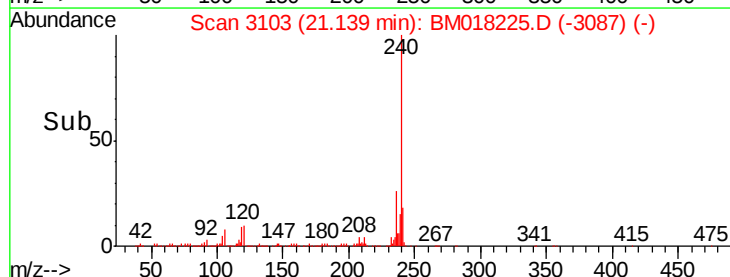
0

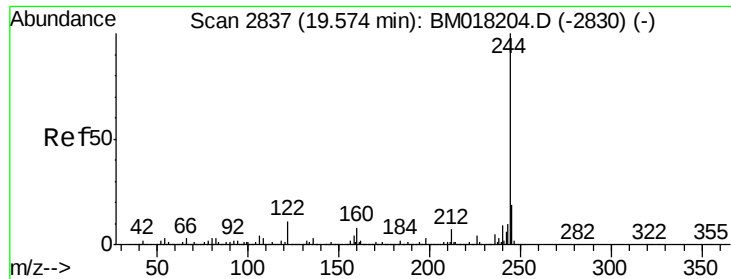
21.14

21.10

21.20

Time-->





#79

Terphenyl-d14

Concen: 100.460 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-02

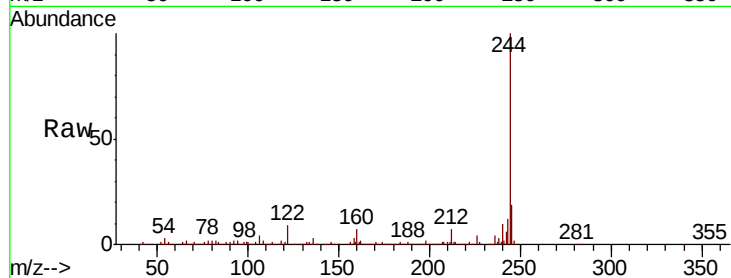
Tot Ion:244 Resp: 1997771

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

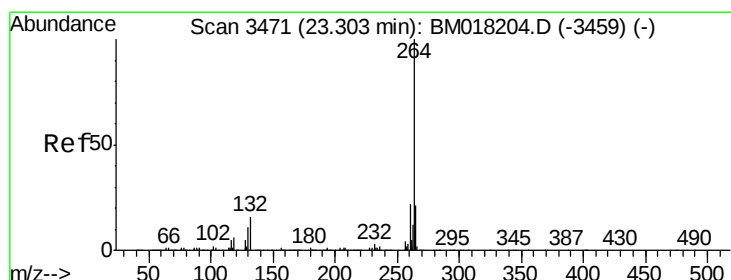
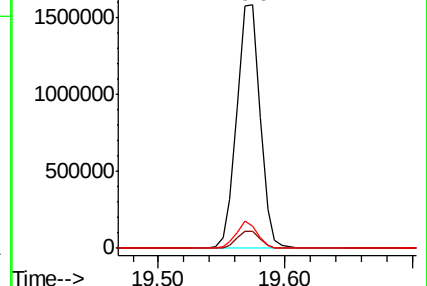
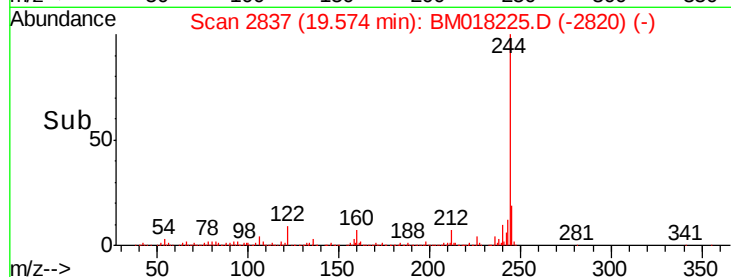
122 9.4 9.0 13.6



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018225.D

Acq: 16 Dec 2018 14:14

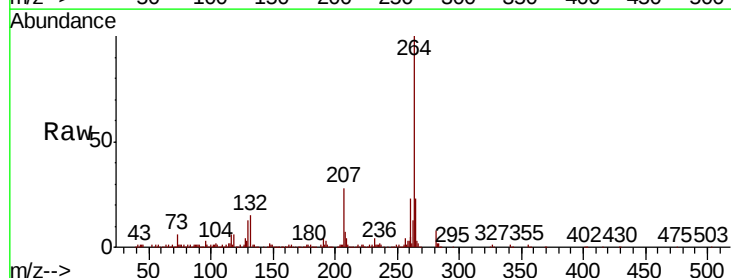
Tgt Ion:264 Resp: 482169

Ion Ratio Lower Upper

264 100

260 23.4 17.5 26.3

265 22.5 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

