

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018221.D
 Acq On : 16 Dec 2018 11:48
 Operator : JU/SJ
 Sample : J6377-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 03:53:57 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

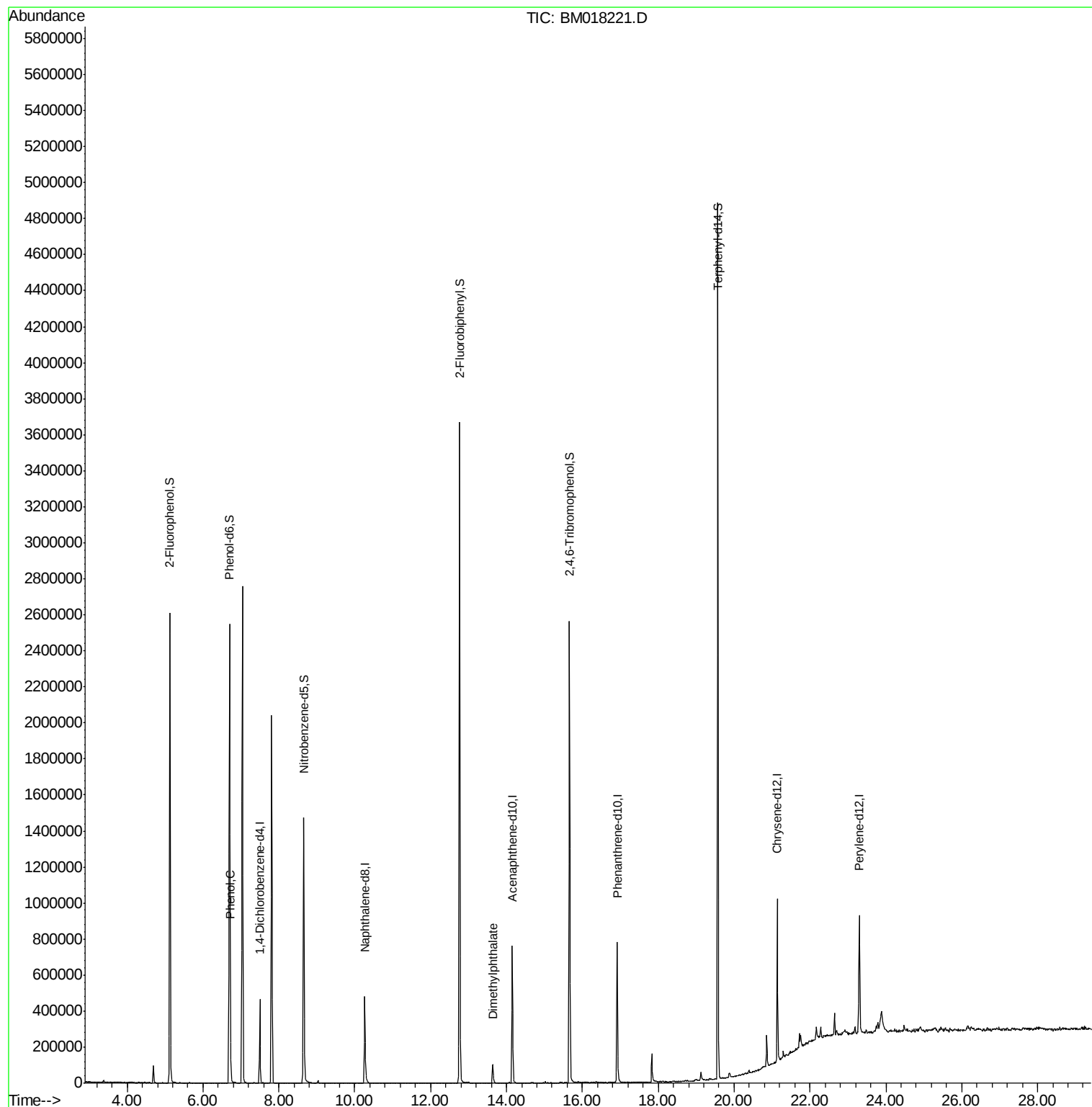
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	117529	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	447692	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	250406	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	492295	20.00	ng	0.00
76) Chrysene-d12	21.14	240	442880	20.00	ng	0.00
87) Perylene-d12	23.30	264	453724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1074290	152.69	ng	0.00
7) Phenol-d6	6.70	99	1430485	146.28	ng	0.00
23) Nitrobenzene-d5	8.66	82	883139	101.18	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	460753	125.37	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1826369	94.47	ng	0.00
79) Terphenyl-d14	19.57	244	2104653	107.48	ng	0.00
Target Compounds						
10) Phenol	6.72	94	86901	8.391	ng	99
50) Dimethylphthalate	13.64	163	92475	4.442	ng	97

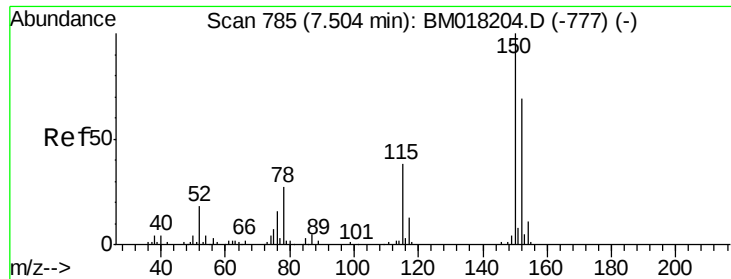
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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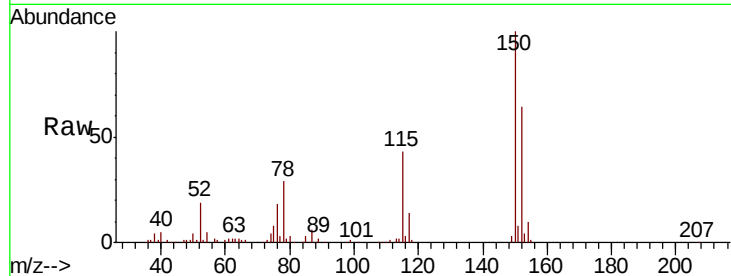


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	116.1	174.1
115	66.1	44.6	67.0

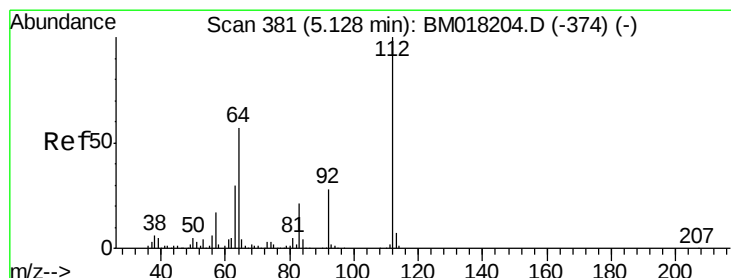
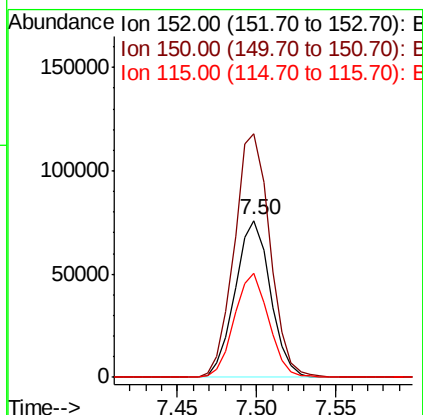
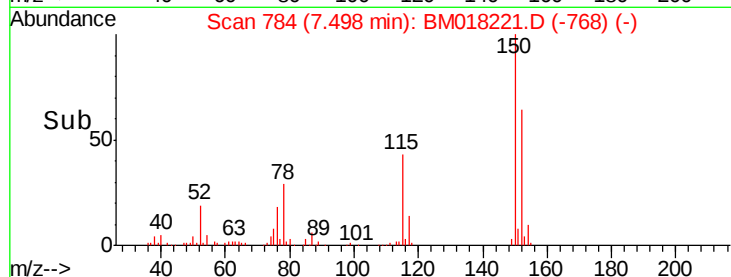


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

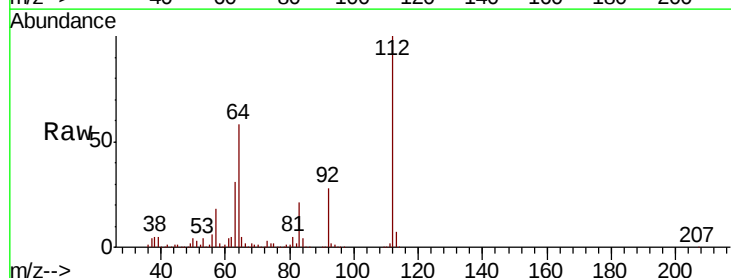
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 152.693 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018221.D
Acq: 16 Dec 2018 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.2
63	31.1	24.0	36.0

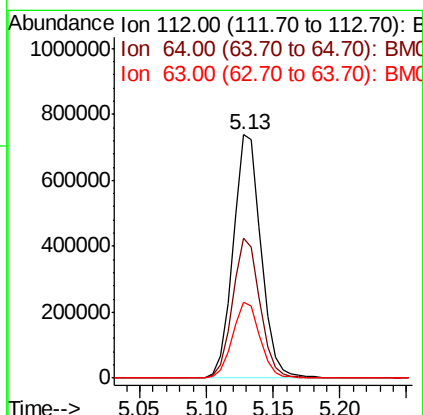
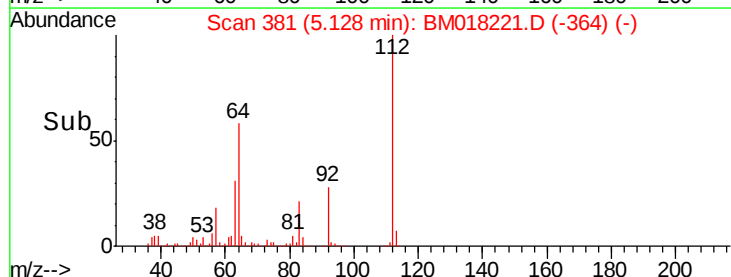


Abundance

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: 146.282 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018221.D

Acq: 16 Dec 2018 11:48

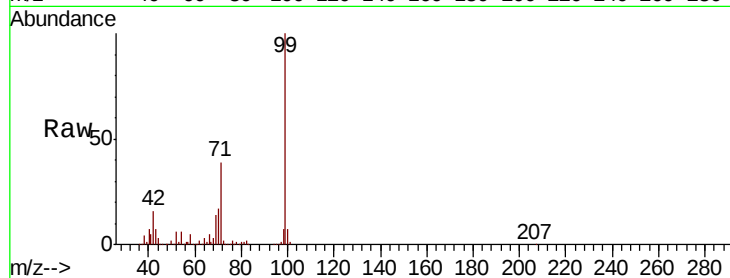
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1430485

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.3	18.5
71	38.9	30.2	45.2

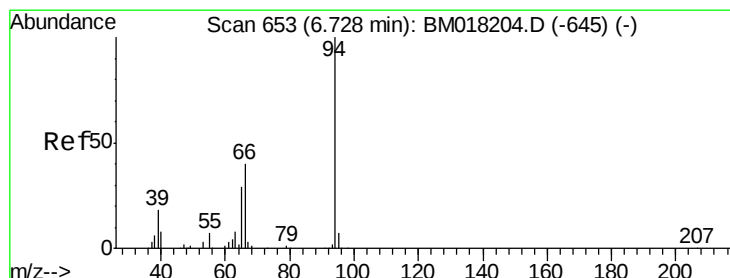
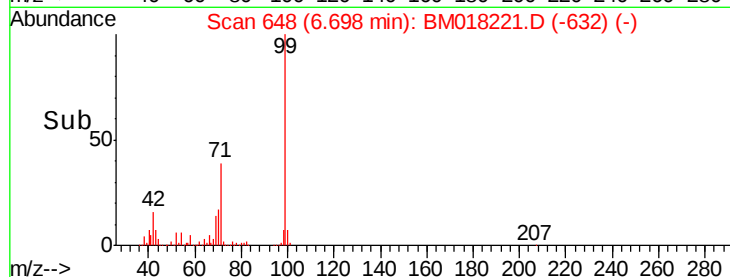
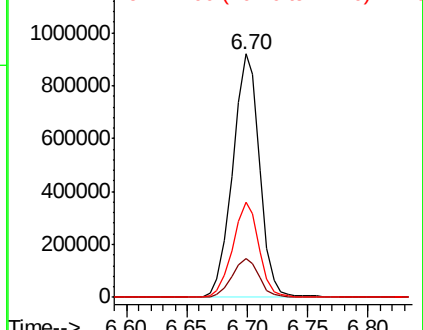


Abundance

Ion 99.00 (98.70 to 99.70): BM018221.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018221.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018221.D (-632) (-)



#10

Phenol

Concen: 8.391 ng

RT: 6.72 min Scan# 652

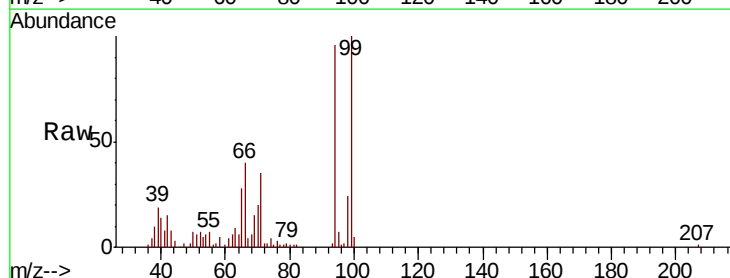
Delta R.T. -0.01 min

Lab File: BM018221.D

Acq: 16 Dec 2018 11:48

Tgt Ion: 94 Resp: 86901

Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.5	49.5
66	42.3	21.3	61.3

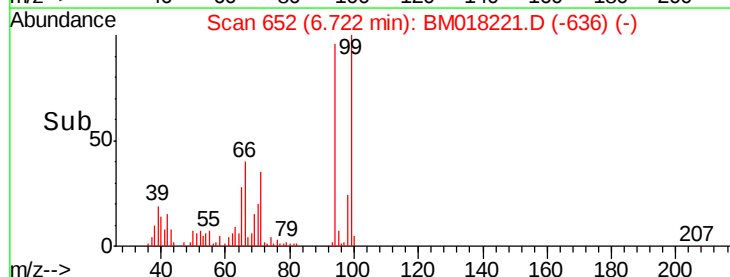
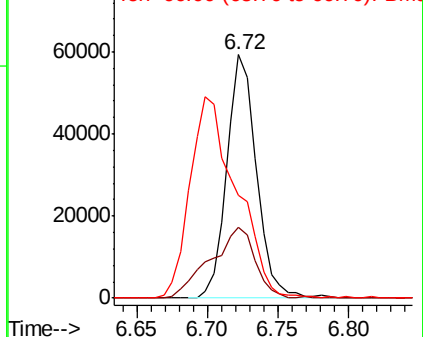


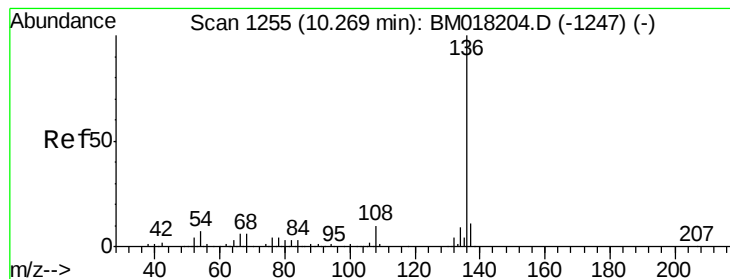
Abundance

Ion 94.00 (93.70 to 94.70): BM018221.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018221.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018221.D (-636) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM018221.D

Acq: 16 Dec 2018 11:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 447692

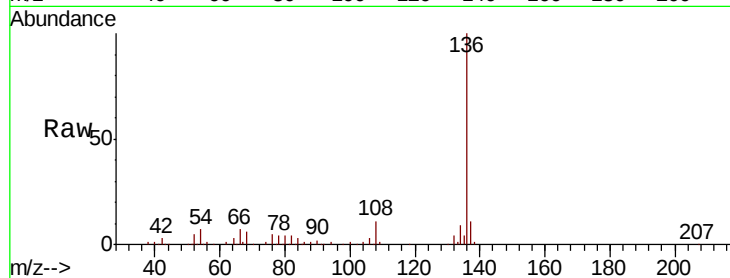
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.3 5.2 7.8

68 5.6 5.0 7.6

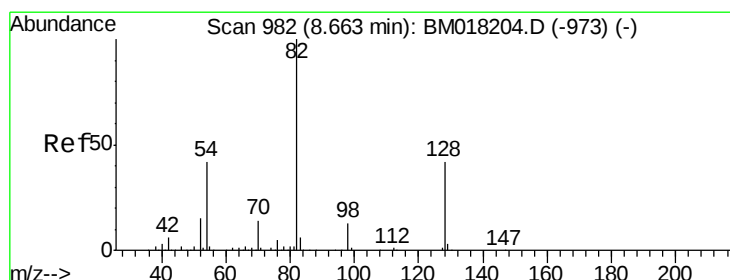
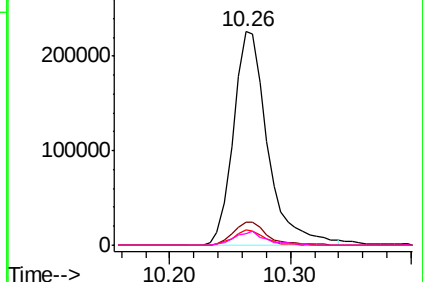
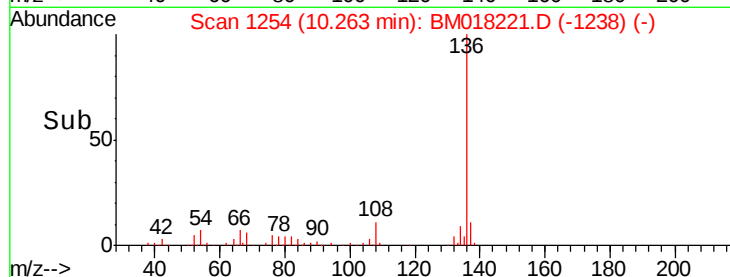


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.184 ng

RT: 8.66 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM018221.D

Acq: 16 Dec 2018 11:48

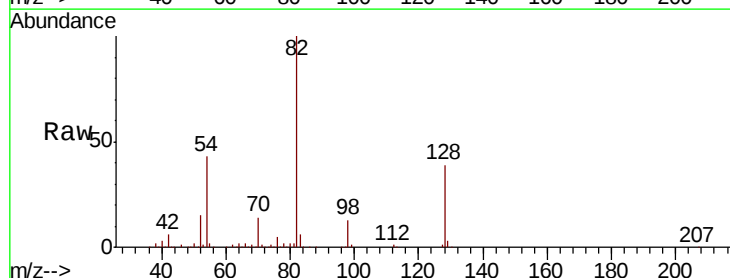
Tgt Ion: 82 Resp: 883139

Ion Ratio Lower Upper

82 100

128 39.2 33.4 50.2

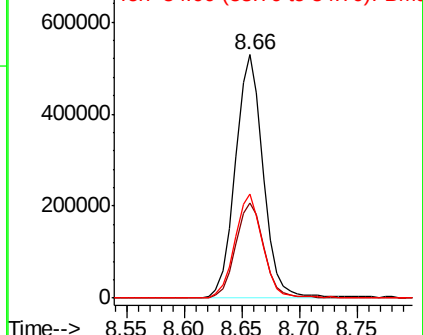
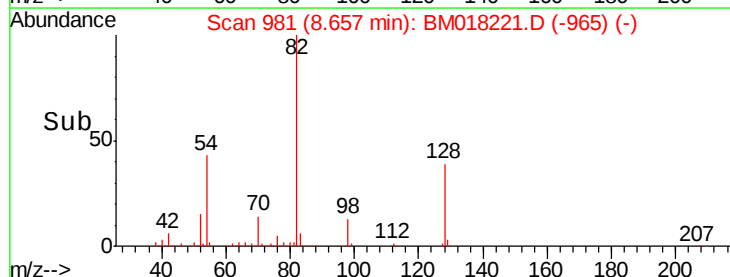
54 42.9 33.4 50.2

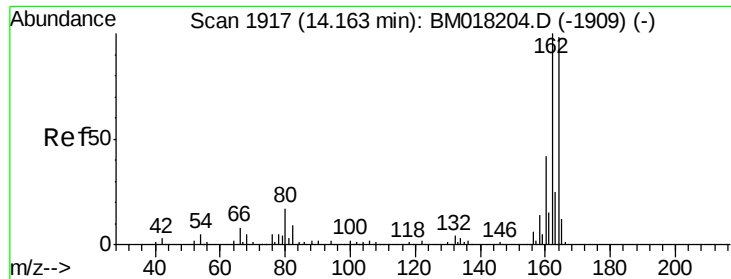


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM018221.D

Acq: 16 Dec 2018 11:48

Instrument :

BNA_M

ClientSampleId :

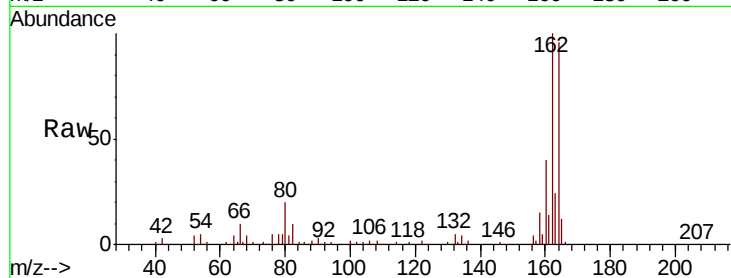
Tot Ion:164 Resp: 250406

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.6

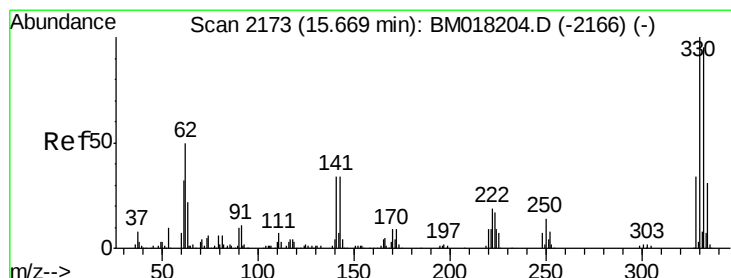
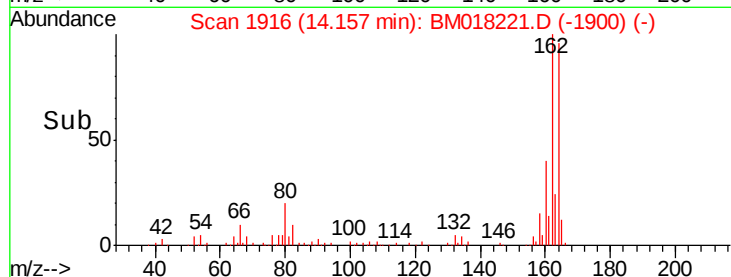
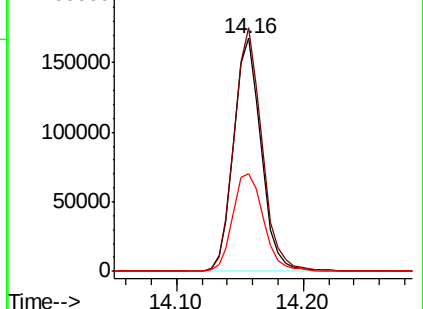
160 41.7 34.6 51.8



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: 125.366 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018221.D

Acq: 16 Dec 2018 11:48

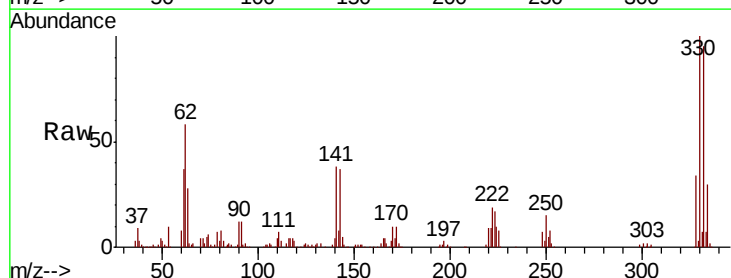
Tgt Ion:330 Resp: 460753

Ion Ratio Lower Upper

330 100

332 96.4 78.6 118.0

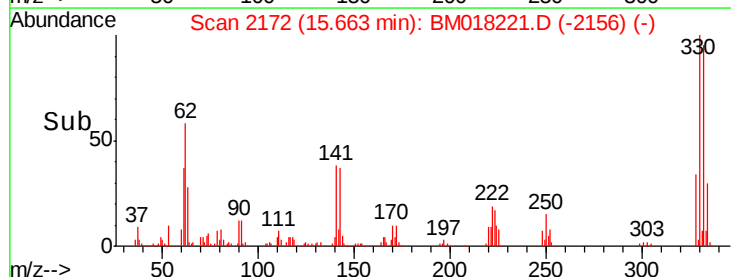
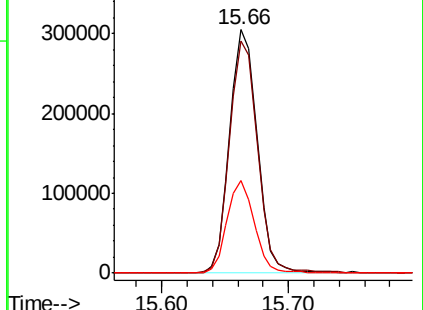
141 37.6 27.1 40.7

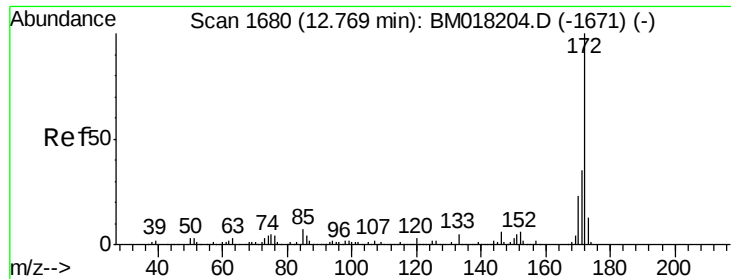


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



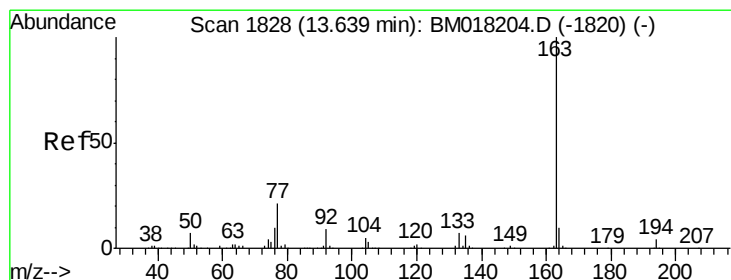
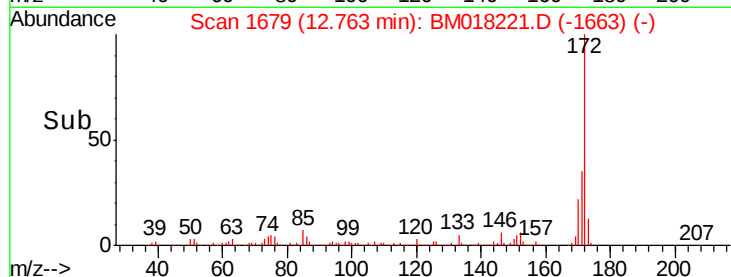
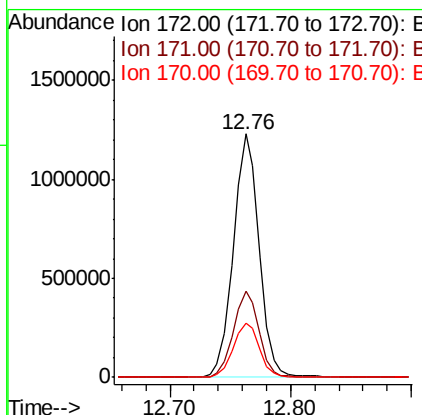
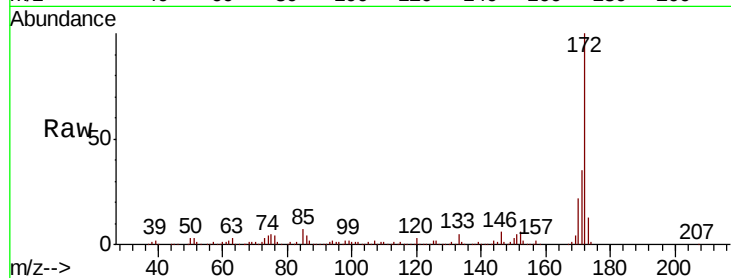


#45
 2-Fluorobiphenyl
 Concen: 94.470 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018221.D
 Acq: 16 Dec 2018 11:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1826369

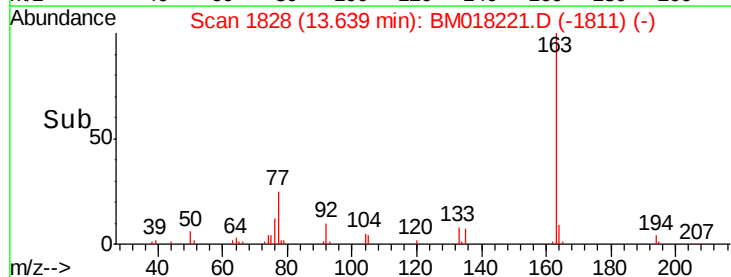
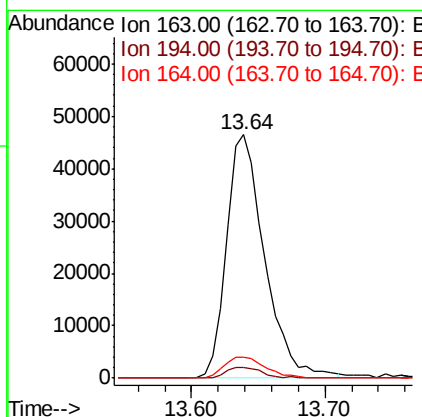
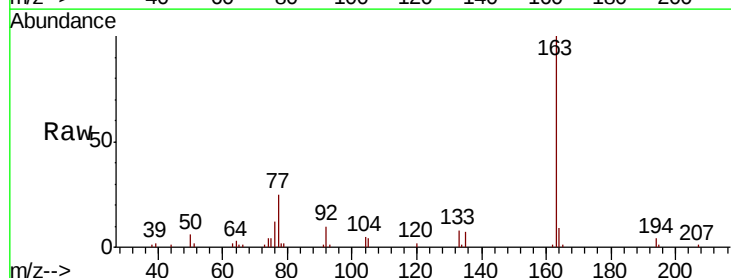
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.3	18.1	27.1



#50
 Dimethylphthalate
 Concen: 4.442 ng
 RT: 13.64 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BM018221.D
 Acq: 16 Dec 2018 11:48

Tgt Ion:163 Resp: 92475

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	8.7	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: BM018221.D

Acq: 16 Dec 2018 11:48

Instrument :

BNA_M

ClientSampleId :

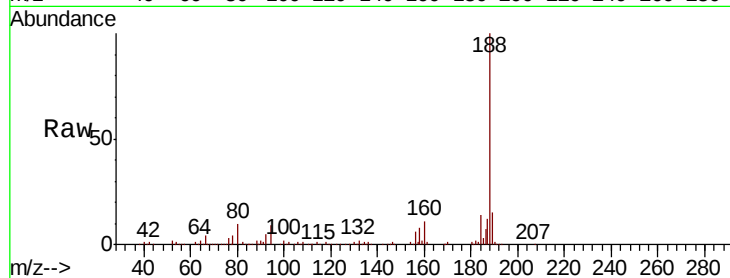
Tot Ion:188 Resp: 492295

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

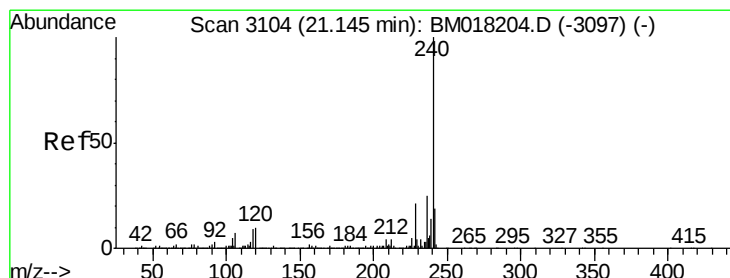
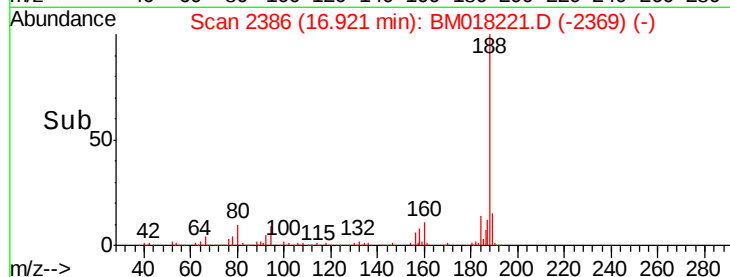
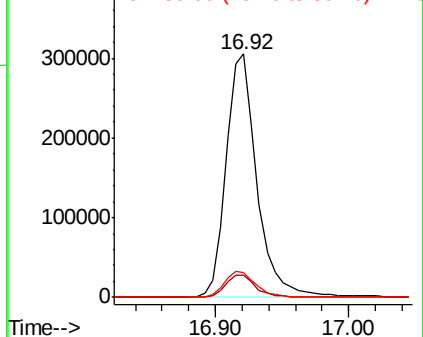
80 10.4 9.0 13.6



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: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018221.D

Acq: 16 Dec 2018 11:48

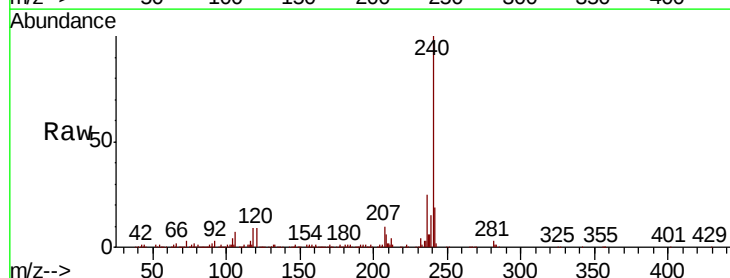
Tgt Ion:240 Resp: 442880

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

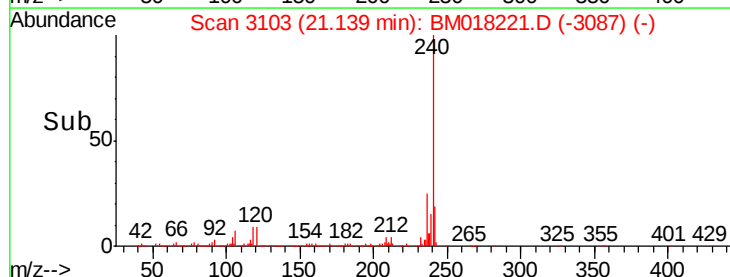
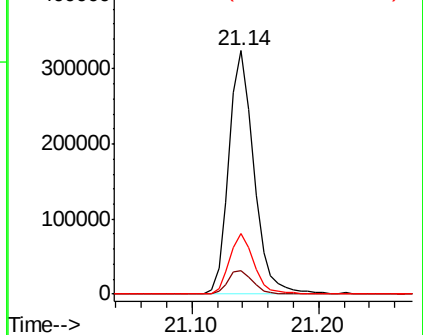
236 24.7 20.3 30.5

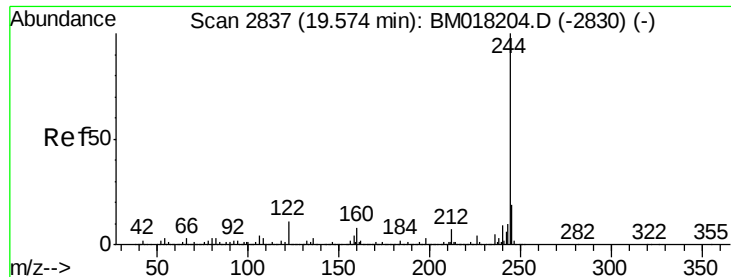


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.478 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM018221.D

Acq: 16 Dec 2018 11:48

Instrument :

BNA_M

ClientSampleId :

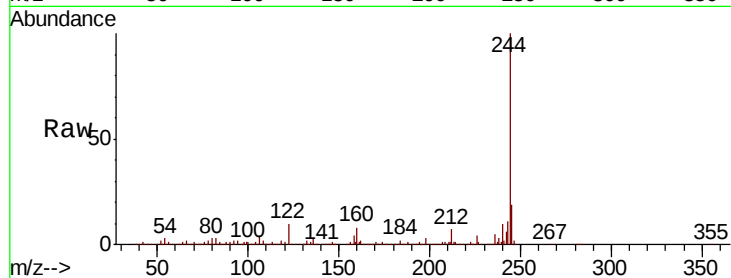
Tot Ion:244 Resp: 2104653

Ion Ratio Lower Upper

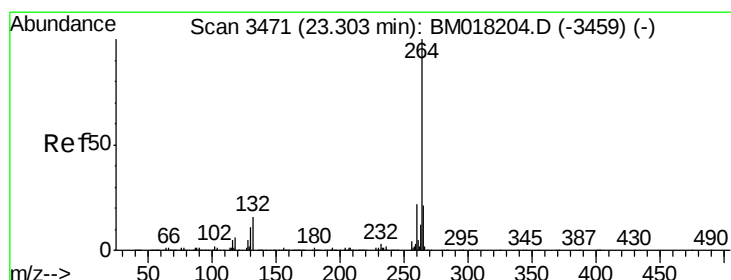
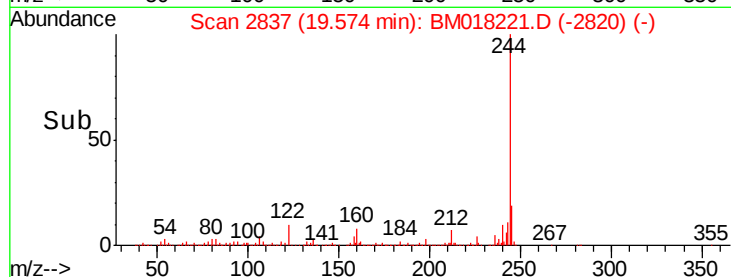
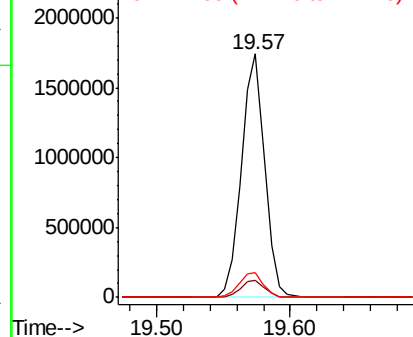
244 100

212 7.2 5.8 8.8

122 9.9 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: BM018221.D

Acq: 16 Dec 2018 11:48

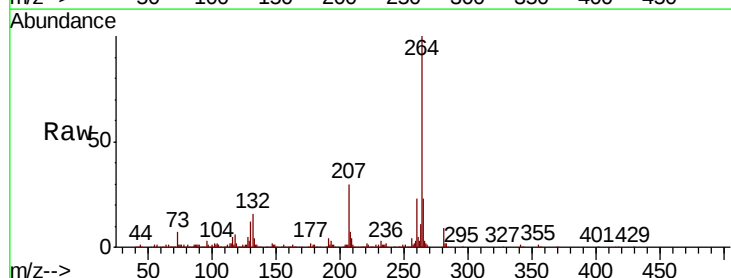
Tgt Ion:264 Resp: 453724

Ion Ratio Lower Upper

264 100

260 23.4 17.5 26.3

265 23.0 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

