

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014220.D
 Acq On : 13 Feb 2018 14:33
 Operator : SJ/JU
 Sample : J1518-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 14 04:16:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

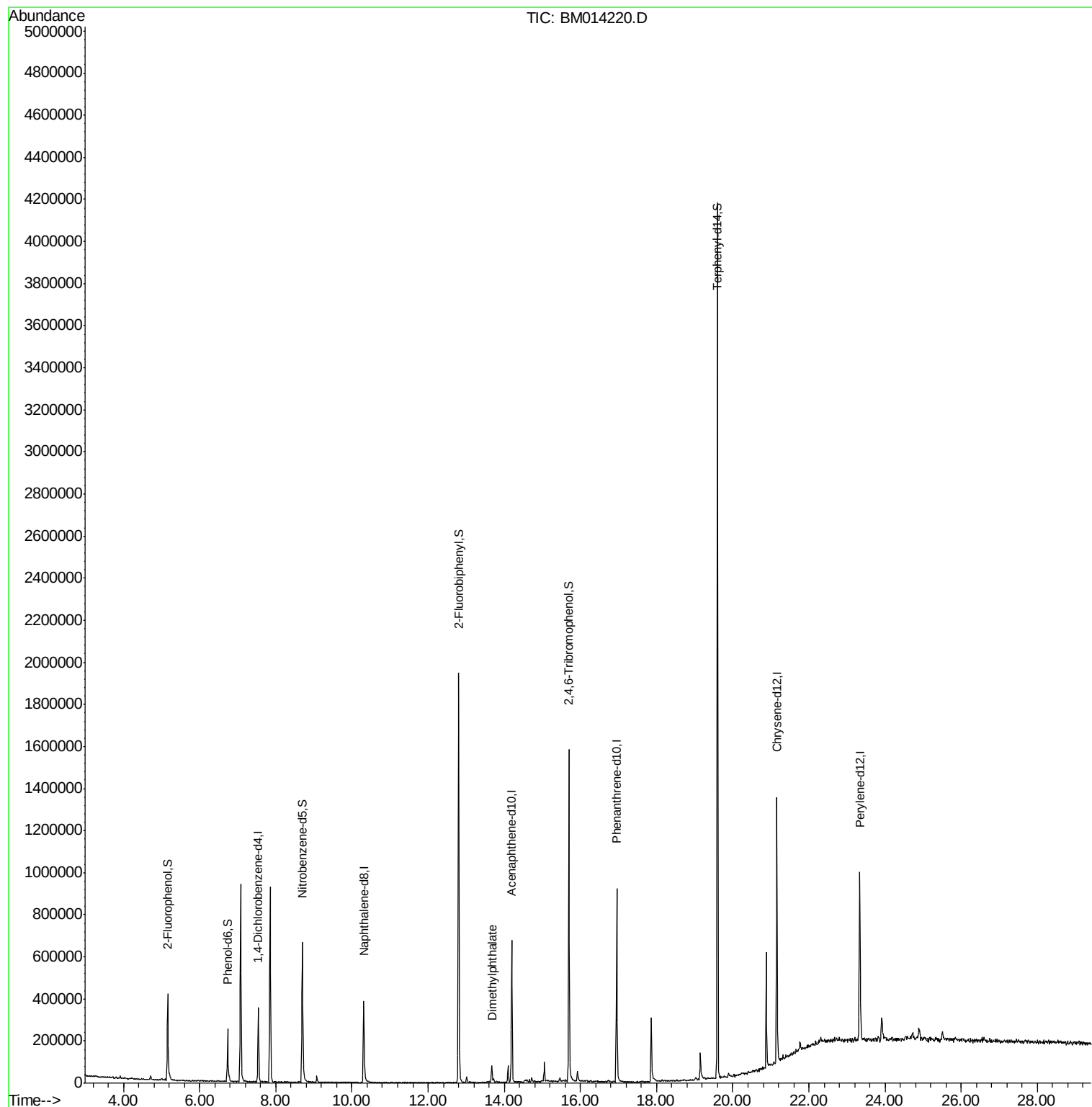
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	75556	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	305964	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	197893	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	503928	20.00	ng	0.00
75) Chrysene-d12	21.16	240	581881	20.00	ng	0.00
86) Perylene-d12	23.33	264	553163	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	155462	35.86	ng	0.00
7) Phenol-d6	6.73	99	122589	19.97	ng	0.00
23) Nitrobenzene-d5	8.70	82	397193	57.99	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	205575	73.21	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	866951	54.69	ng	0.00
78) Terphenyl-d14	19.60	244	1621682	54.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.67	163	47778	2.70	ng	Qvalue # 99

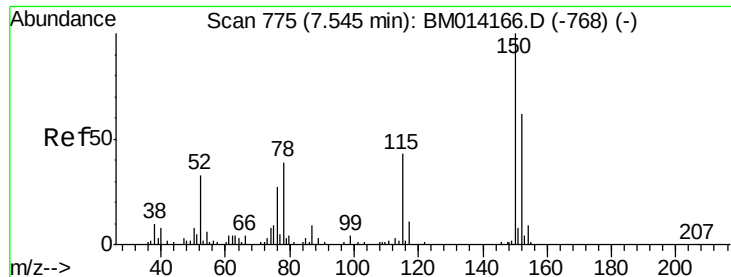
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

Instrument :

BNA_M

ClientSampleId :

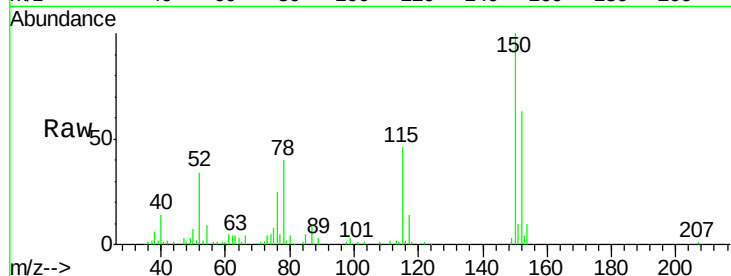
Tot Ion:152 Resp: 75556

Ion Ratio Lower Upper

152 100

150 158.5 119.5 179.3

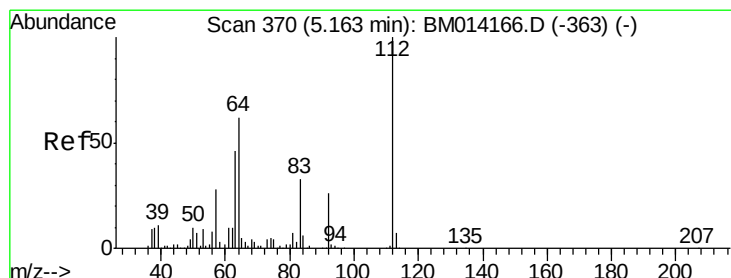
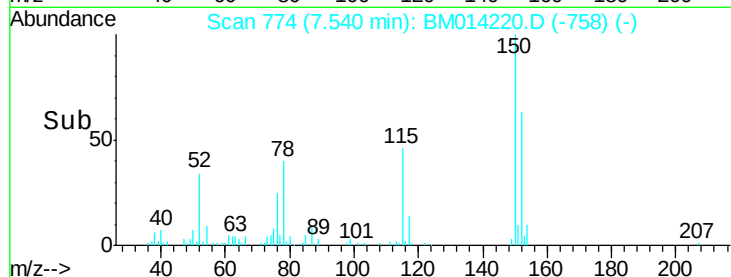
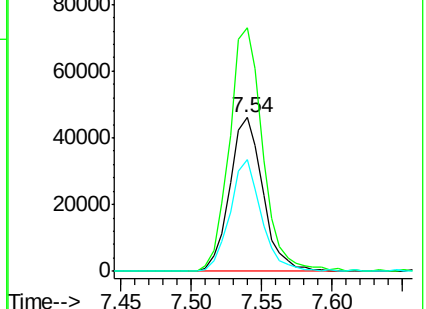
115 73.0 43.0 64.4#



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: 35.86 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

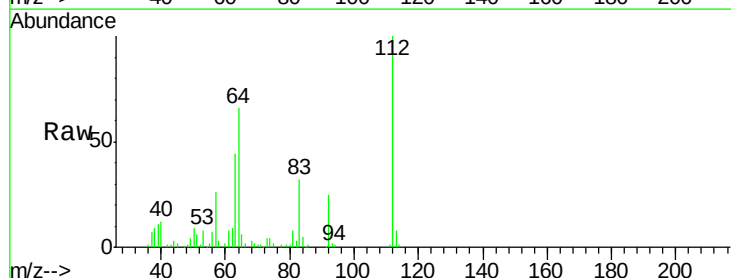
Tgt Ion:112 Resp: 155462

Ion Ratio Lower Upper

112 100

64 65.9 38.6 57.8#

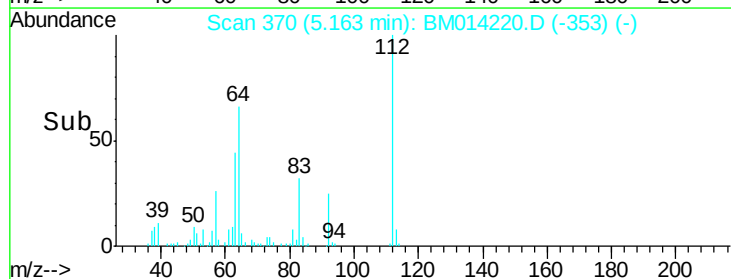
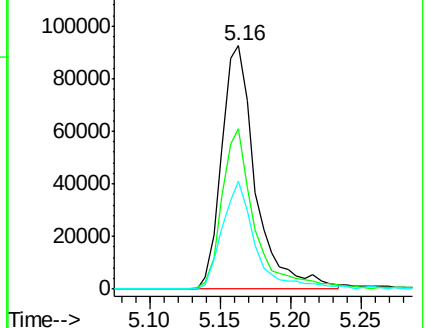
63 44.2 19.3 28.9#

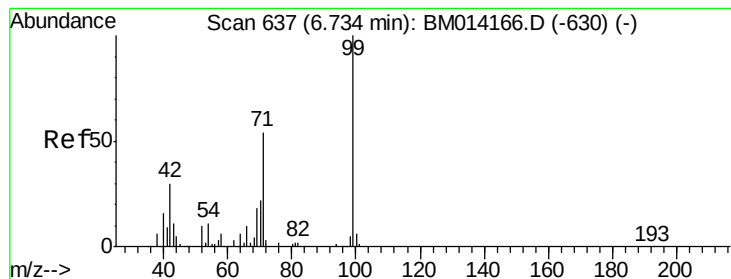


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 19.97 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

Instrument :

BNA_M

ClientSampleId :

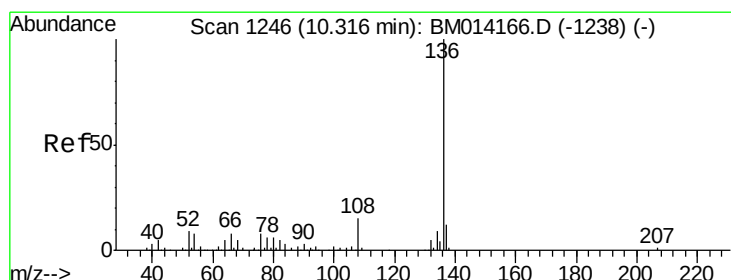
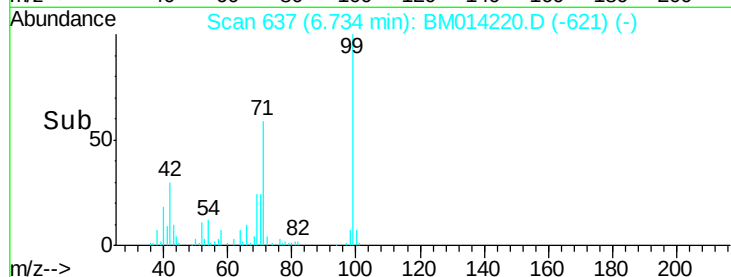
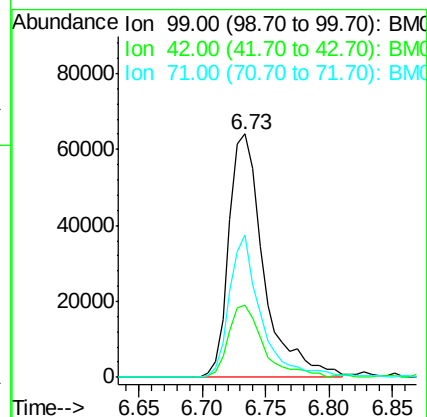
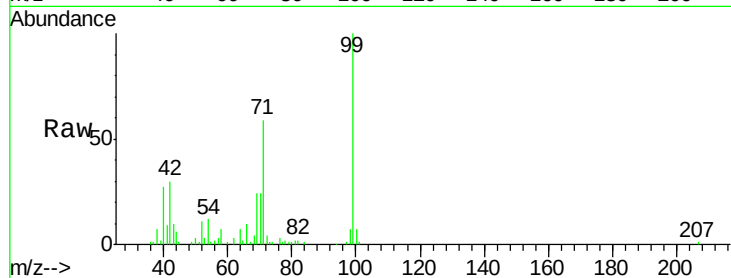
Tot Ion: 99 Resp: 122589

Ion Ratio Lower Upper

99 100

42 29.6 11.0 16.4#

71 58.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

Tgt Ion: 136 Resp: 305964

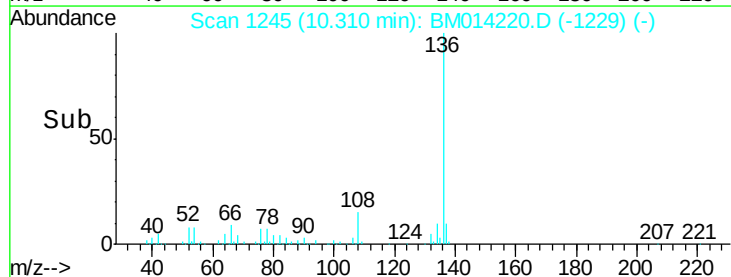
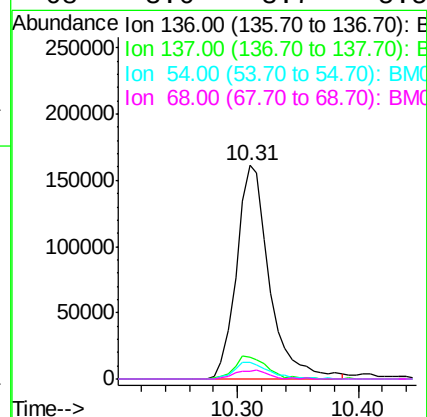
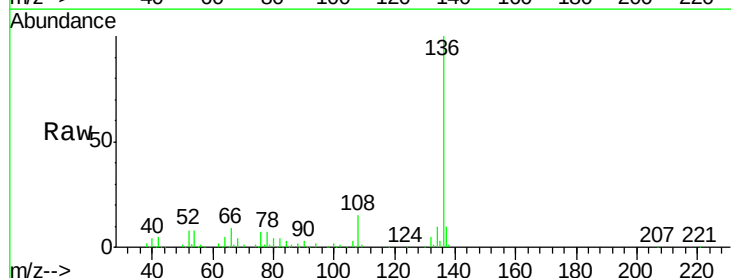
Ion Ratio Lower Upper

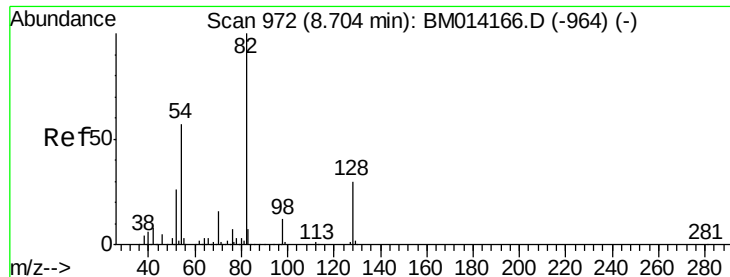
136 100

137 10.4 8.7 13.1

54 7.6 4.6 6.8#

68 3.6 3.7 5.5#

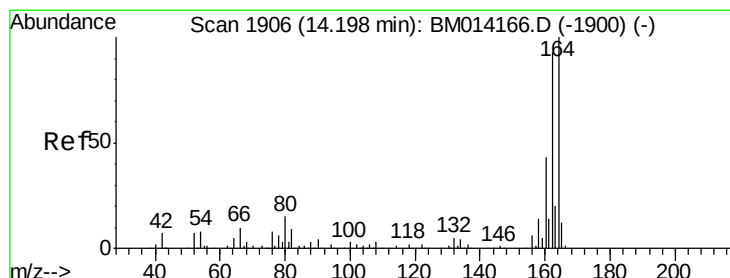
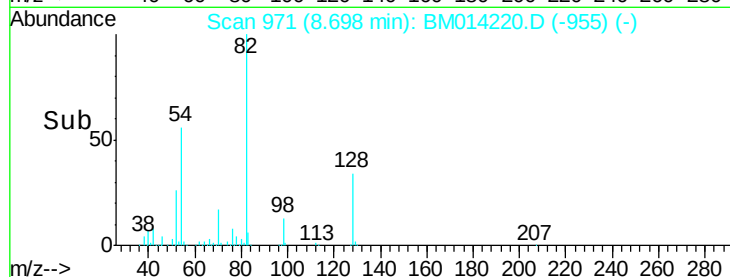
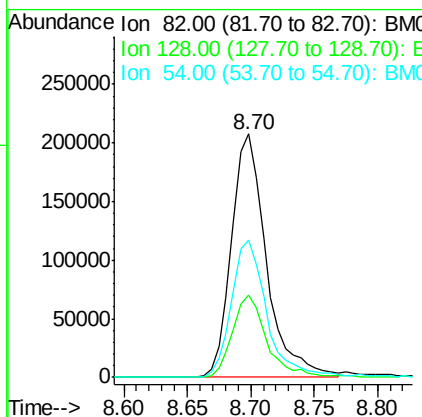
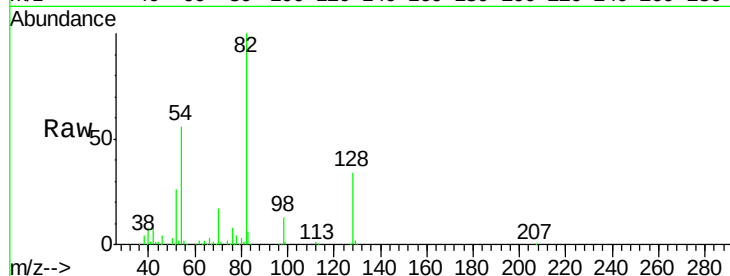




#23
 Nitrobenzene-d5
 Concen: 57.99 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014220.D
 Acq: 13 Feb 2018 14:33

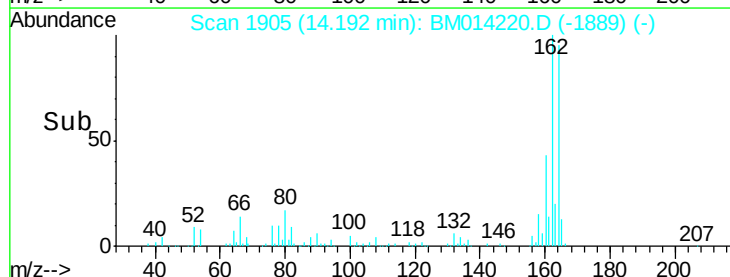
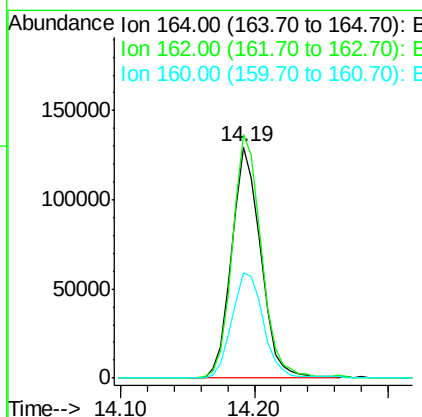
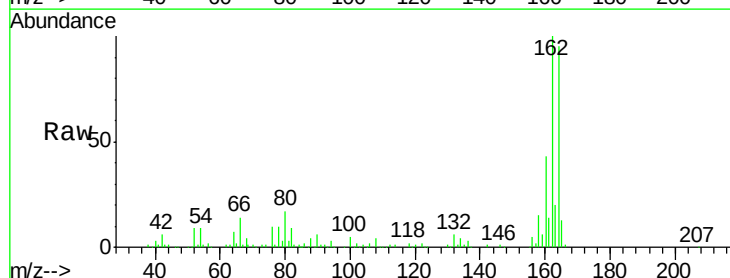
Instrument :
 BNA_M
 ClientSampleId :

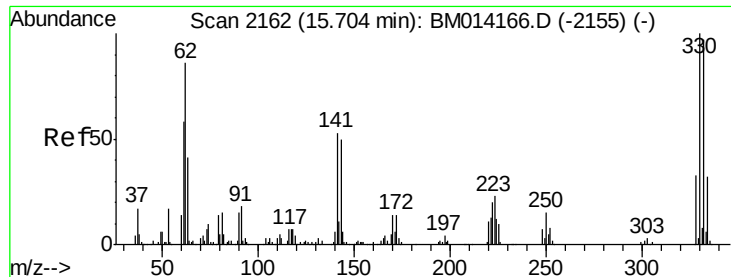
Tot Ion	82	Resp	397193
Ion	Ratio	Lower	Upper
82	100		
128	33.6	32.8	49.2
54	56.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM014220.D
 Acq: 13 Feb 2018 14:33

Tgt Ion	164	Resp	197893
Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	45.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 73.21 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

Instrument :

BNA_M

ClientSampleId :

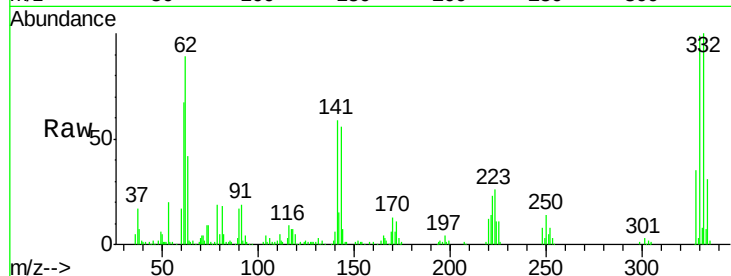
Tot Ion:330 Resp: 205575

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

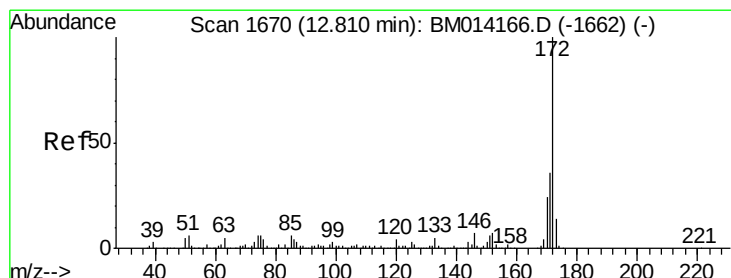
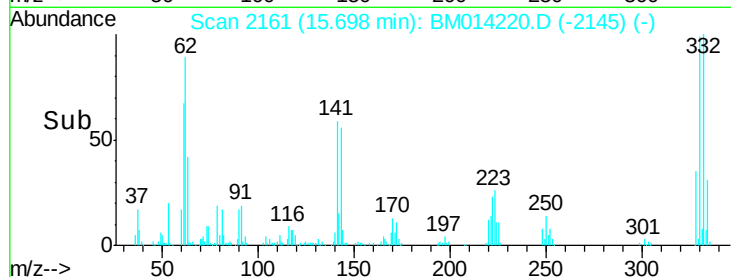
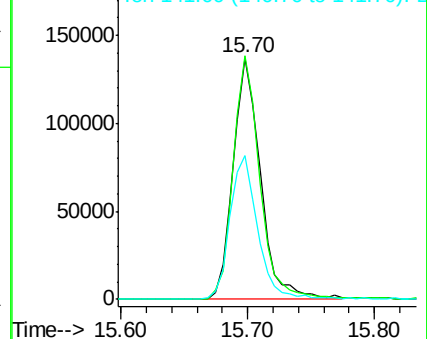
141 59.8 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: 54.69 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

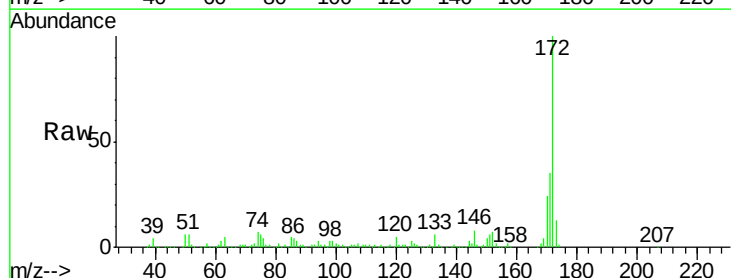
Tgt Ion:172 Resp: 866951

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

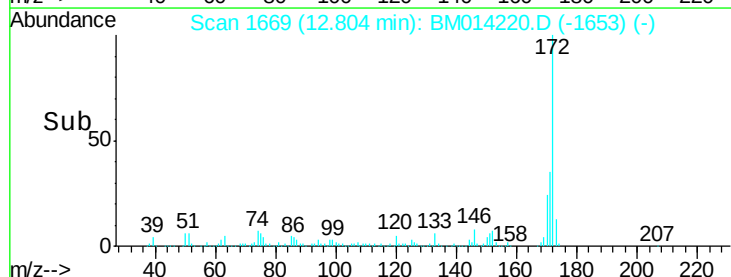
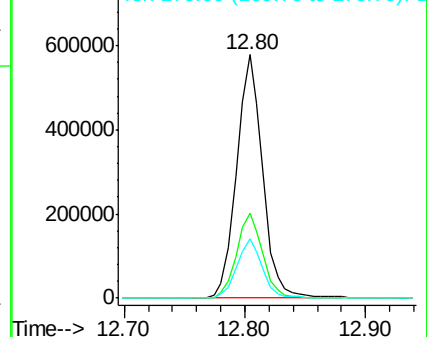
170 24.1 18.8 28.2

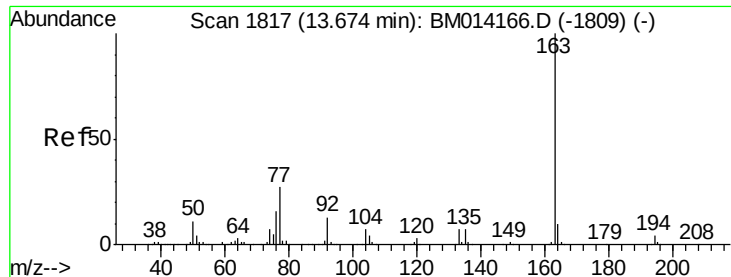


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.70 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

Instrument :

BNA_M

ClientSampleId :

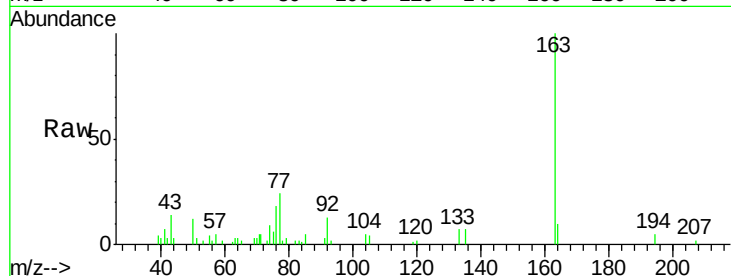
Tot Ion:163 Resp: 47778

Ion Ratio Lower Upper

163 100

194 5.0 2.7 4.1#

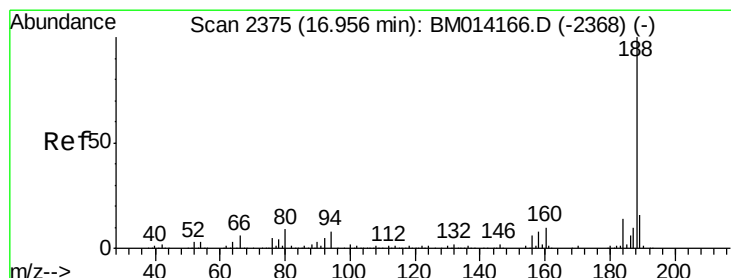
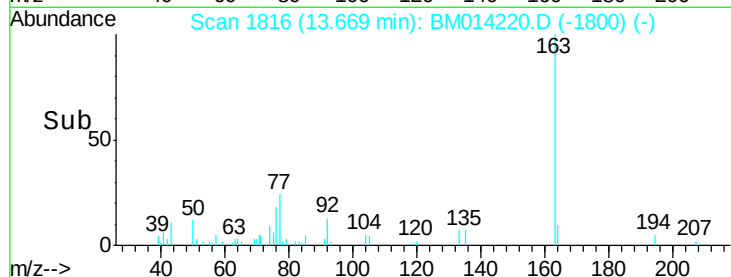
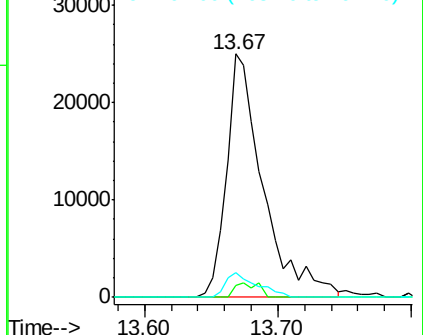
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

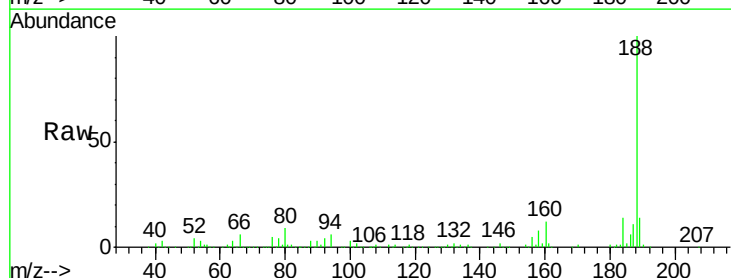
Tgt Ion:188 Resp: 503928

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

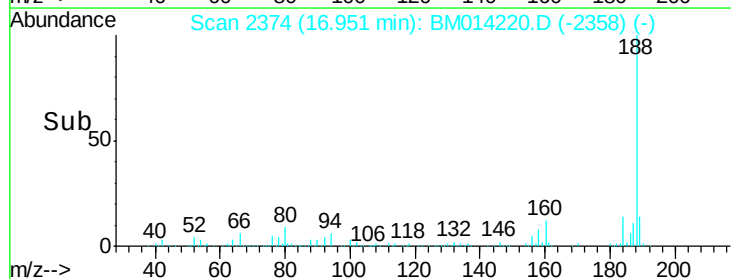
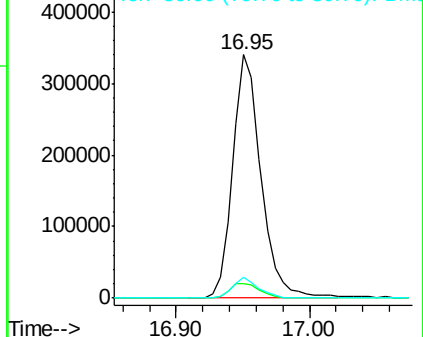
80 8.8 9.3 13.9#

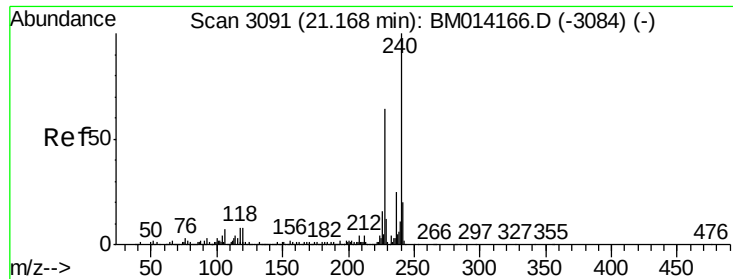


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

Instrument :

BNA_M

ClientSampled :

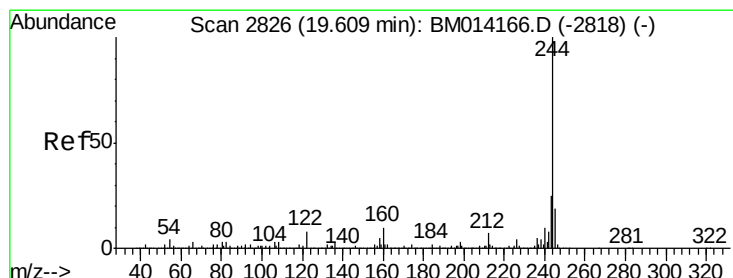
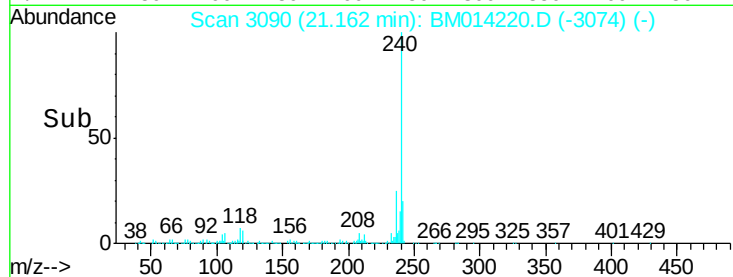
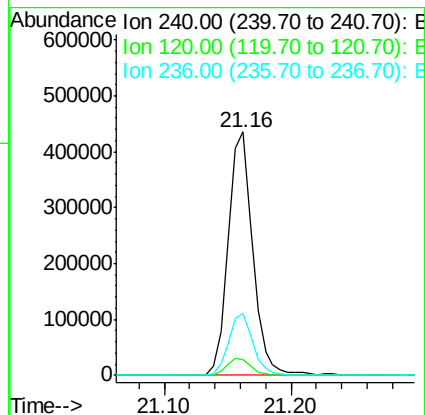
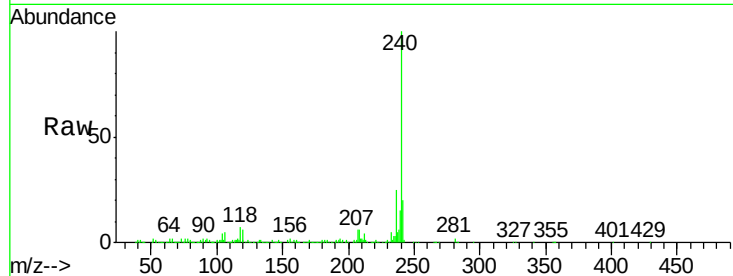
Tot Ion:240 Resp: 581881

Ion Ratio Lower Upper

240 100

120 6.3 8.2 12.2#

236 25.2 20.0 30.0



#78

Terphenyl-d14

Concen: 54.46 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014220.D

Acq: 13 Feb 2018 14:33

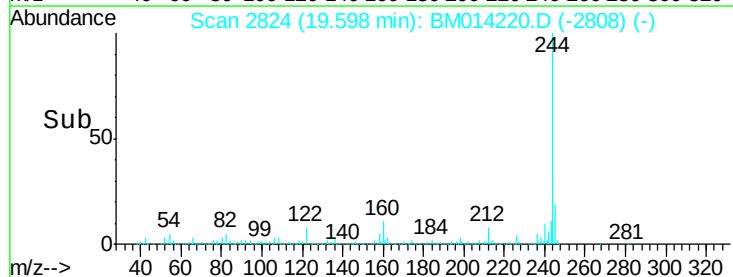
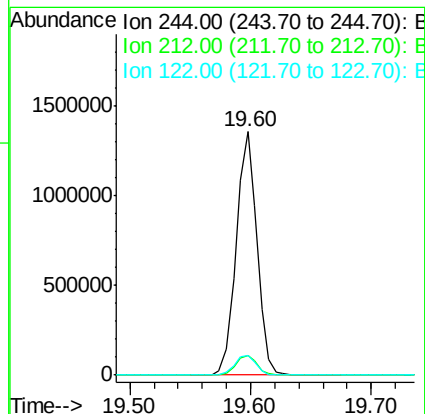
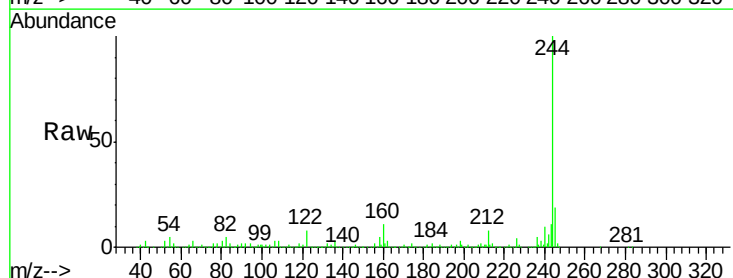
Tgt Ion:244 Resp: 1621682

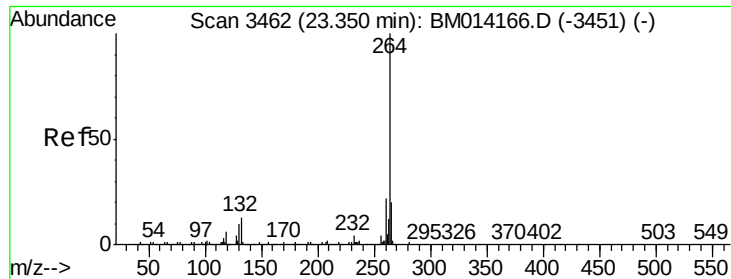
Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

122 8.1 6.2 9.4

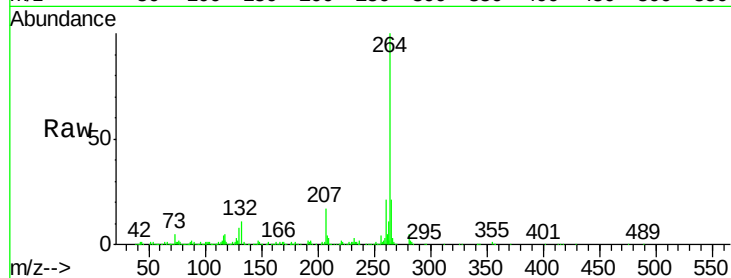




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014220.D
Acq: 13 Feb 2018 14:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.6	27.8
265	21.4	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

