

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014229.D
 Acq On : 13 Feb 2018 19:56
 Operator : SJ/JU
 Sample : PB106453BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 14 04:18:56 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	89015	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	337223	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	214828	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	480192	20.00	ng	0.00
75) Chrysene-d12	21.16	240	452027	20.00	ng	0.00
86) Perylene-d12	23.33	264	384452	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	678666	132.89	ng	0.00
7) Phenol-d6	6.73	99	887647	122.72	ng	0.00
23) Nitrobenzene-d5	8.70	82	625176	82.81	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	304358	99.84	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1344376	78.12	ng	0.00
78) Terphenyl-d14	19.60	244	2047622	88.51	ng	0.00

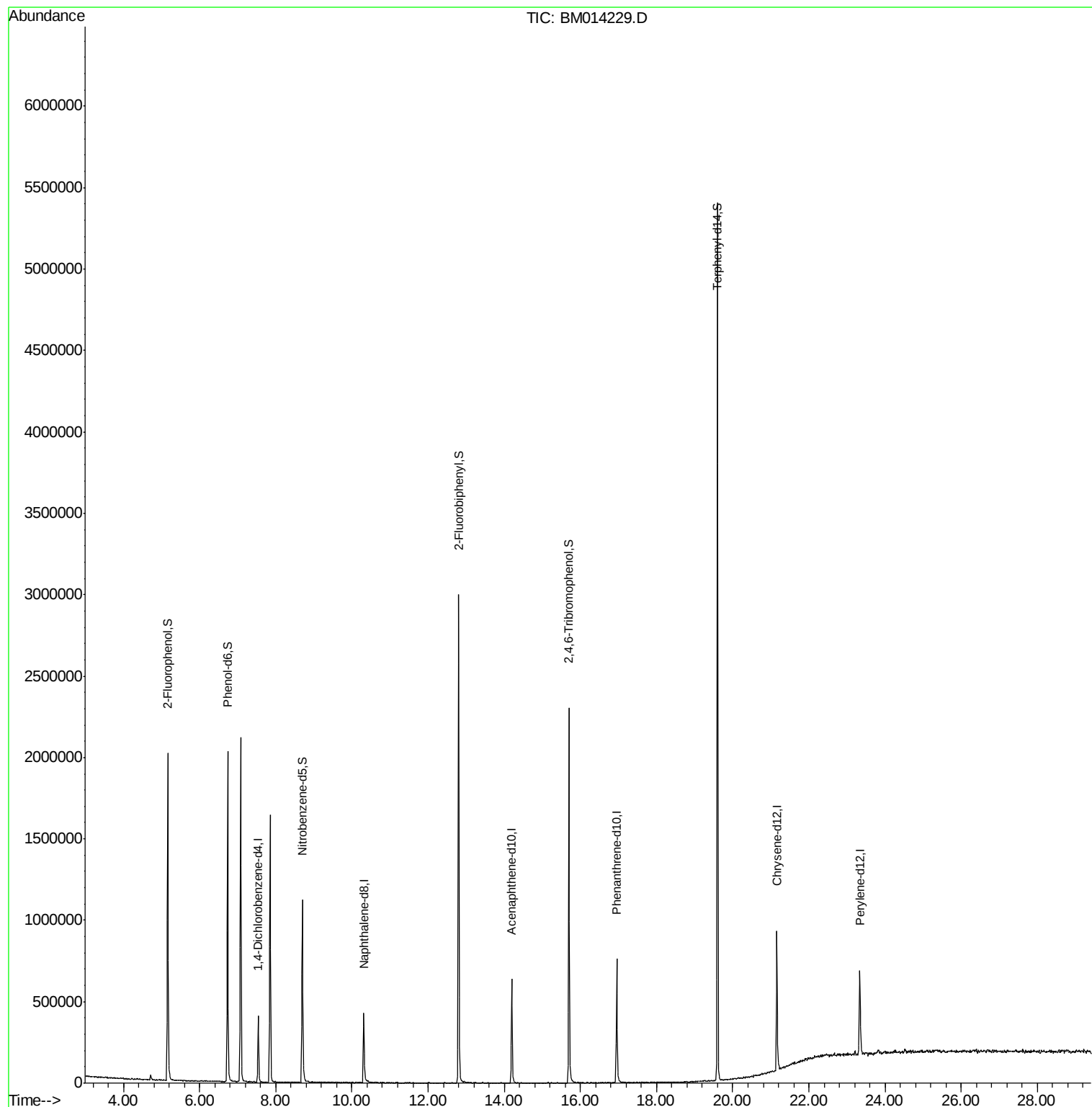
Target Compounds Qvalue

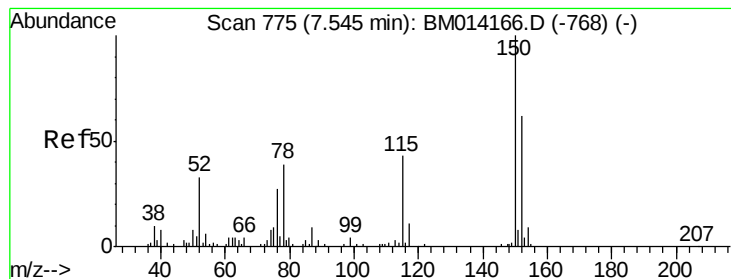
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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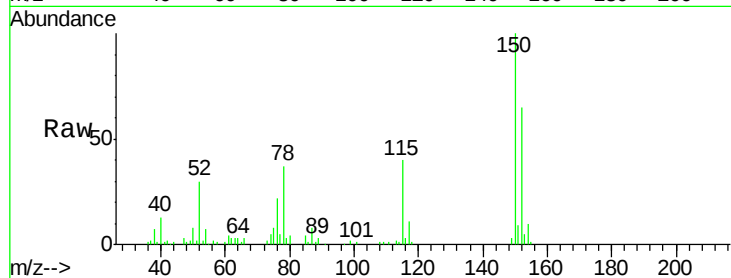


#1

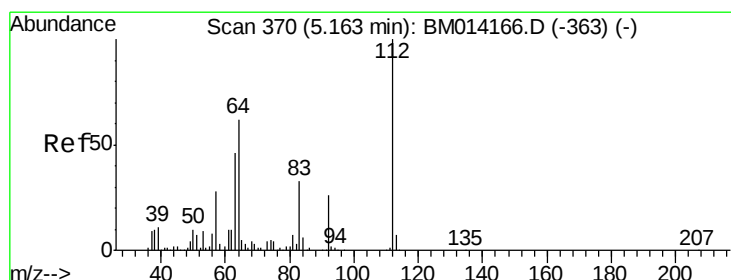
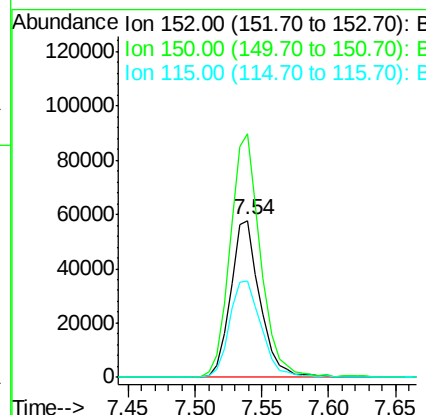
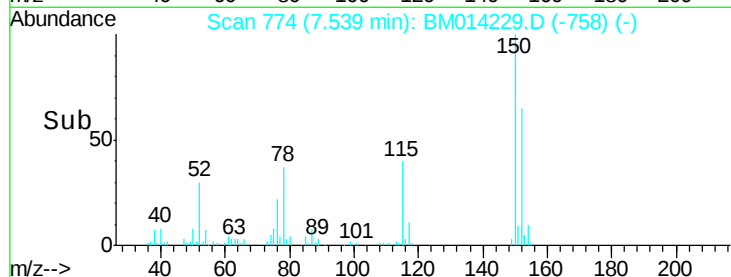
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014229.D
Acq: 13 Feb 2018 19:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.5	179.3
115	61.7	43.0	64.4



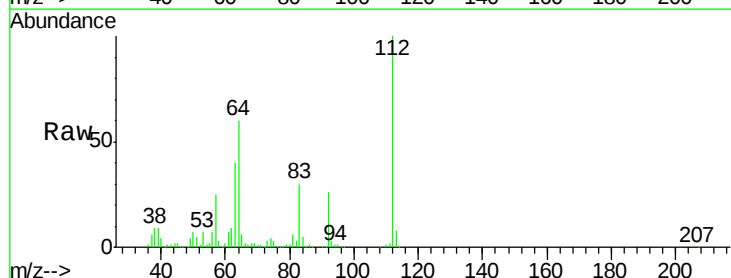
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



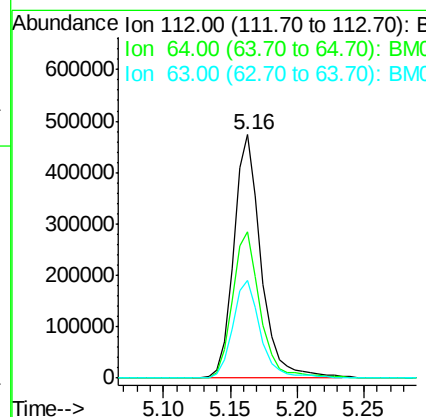
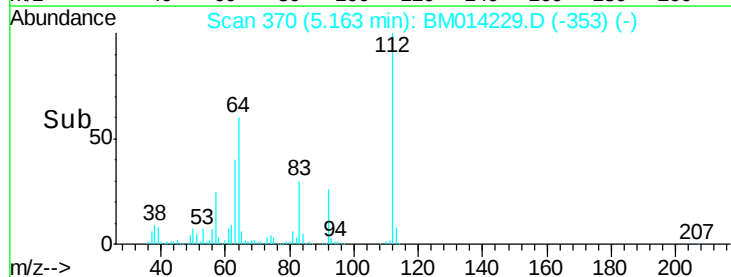
#5

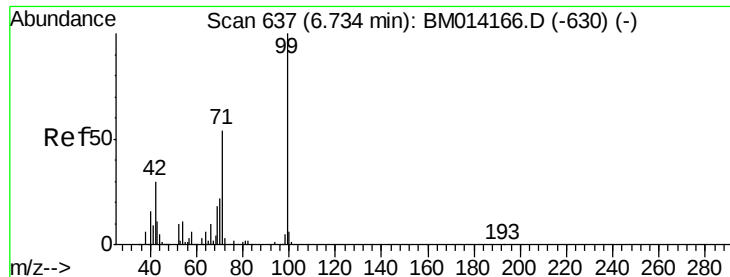
2-Fluorophenol
Concen: 132.89 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014229.D
Acq: 13 Feb 2018 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	38.6	57.8#
63	40.1	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: 122.72 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014229.D

Acq: 13 Feb 2018 19:56

Instrument :

BNA_M

ClientSampleId :

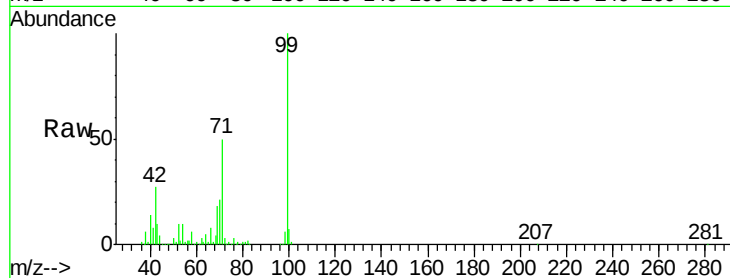
Tot Ion: 99 Resp: 887647

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

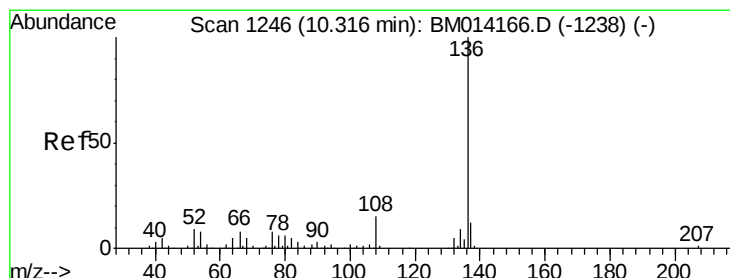
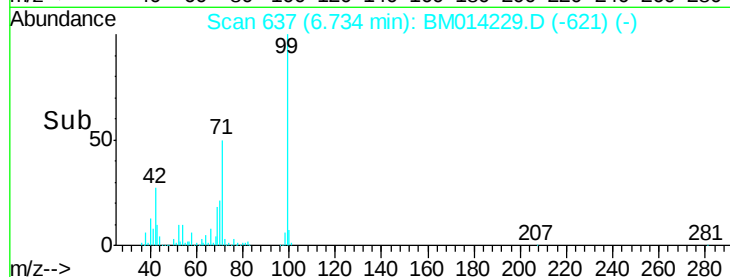
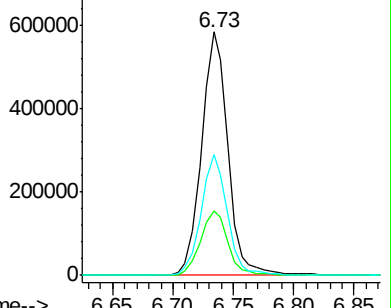
71 49.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014229.D

Acq: 13 Feb 2018 19:56

Tgt Ion: 136 Resp: 337223

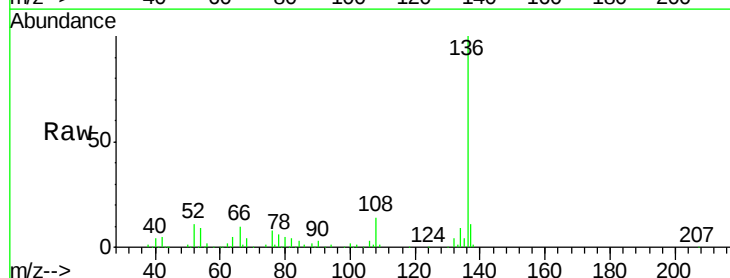
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 4.6 6.8#

68 4.5 3.7 5.5

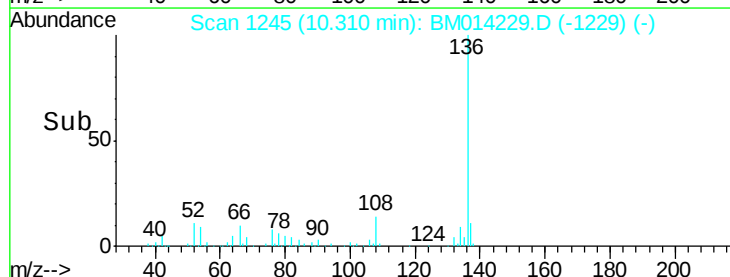
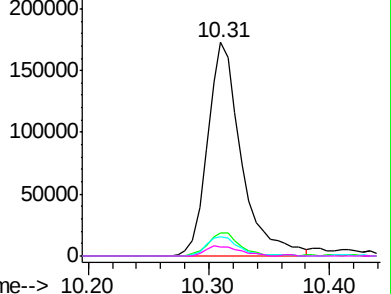


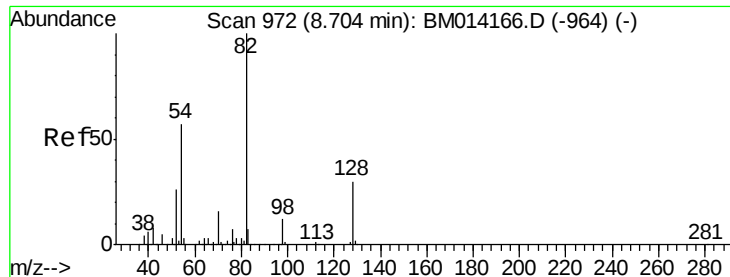
Abundance Ion 136.00 (135.70 to 136.70): BM014166.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014166.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014166.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014166.D (-1238) (-)

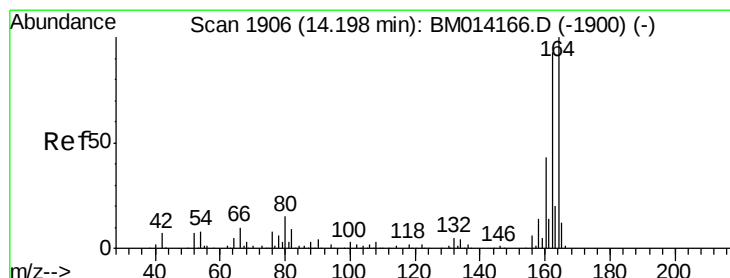
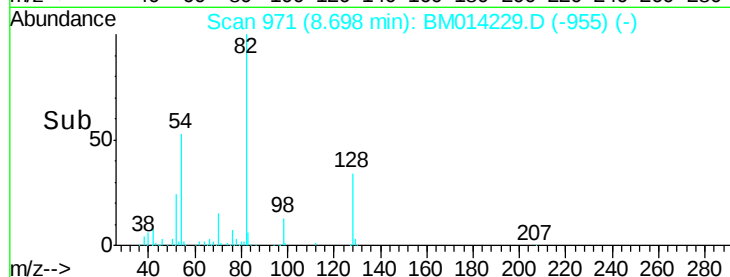
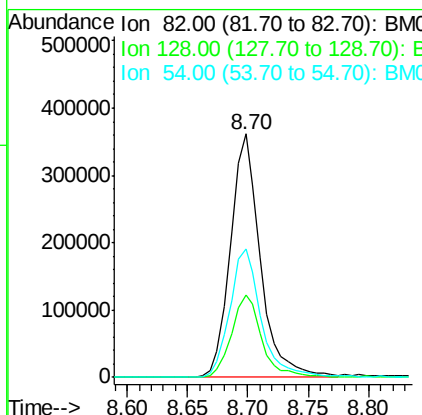
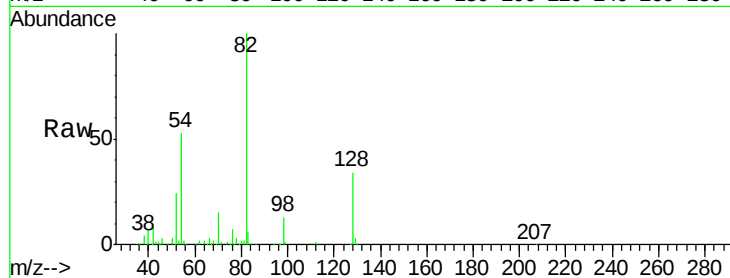




#23
 Nitrobenzene-d5
 Concen: 82.81 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014229.D
 Acq: 13 Feb 2018 19:56

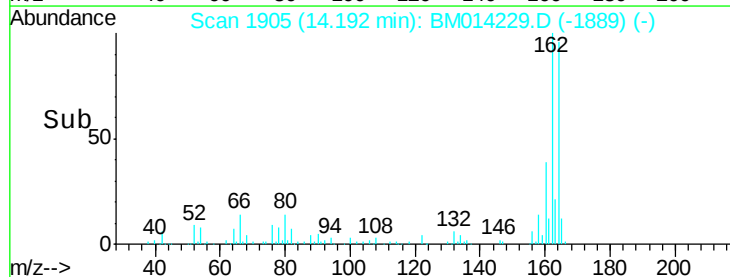
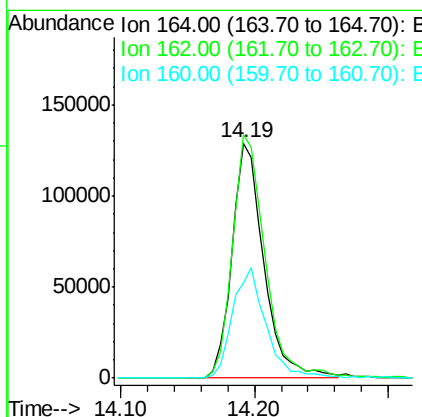
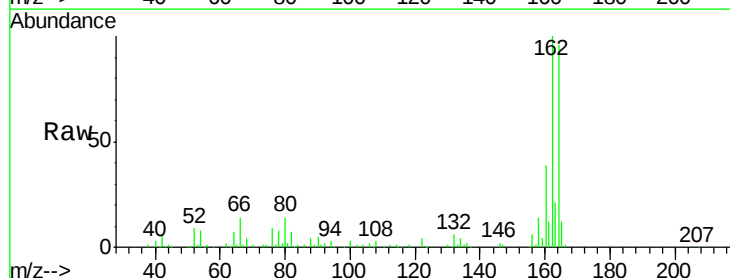
Instrument :
 BNA_M
 ClientSampled :

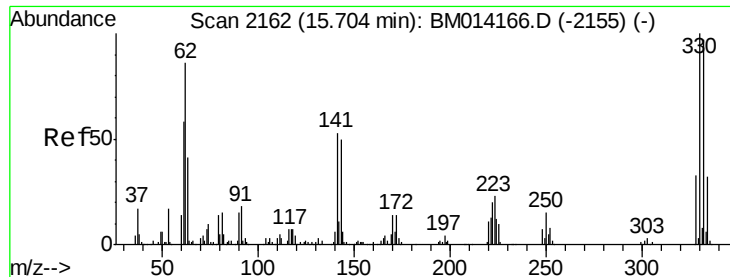
Tot Ion	82	Resp	625176
Ion Ratio	Lower	Upper	
82	100		
128	33.6	32.8	49.2
54	53.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM014229.D
 Acq: 13 Feb 2018 19:56

Tgt Ion	164	Resp	214828
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.4	123.6
160	40.6	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 99.84 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014229.D

Acq: 13 Feb 2018 19:56

Instrument :

BNA_M

ClientSampled :

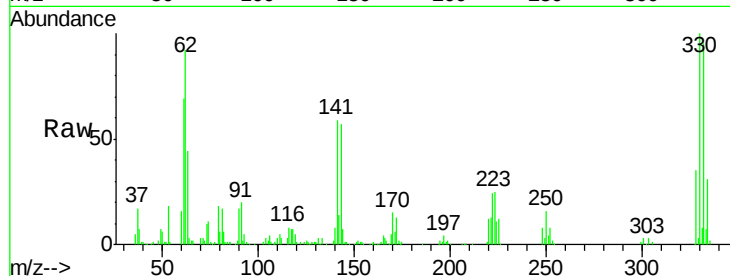
Tot Ion:330 Resp: 304358

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

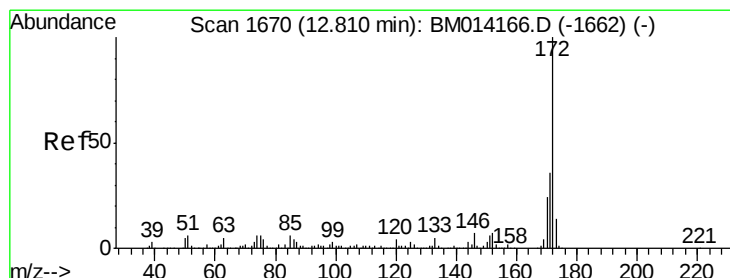
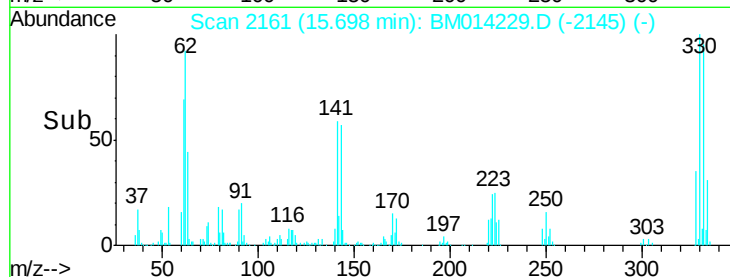
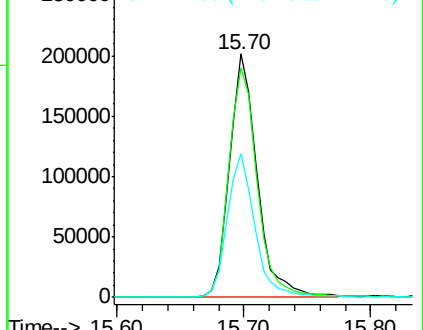
141 58.8 0.0 0.0#



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: 78.12 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM014229.D

Acq: 13 Feb 2018 19:56

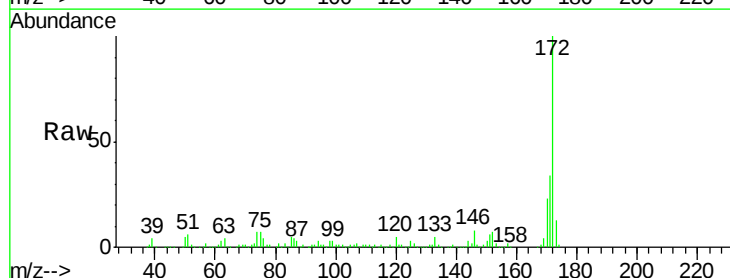
Tgt Ion:172 Resp: 1344376

Ion Ratio Lower Upper

172 100

171 34.5 28.5 42.7

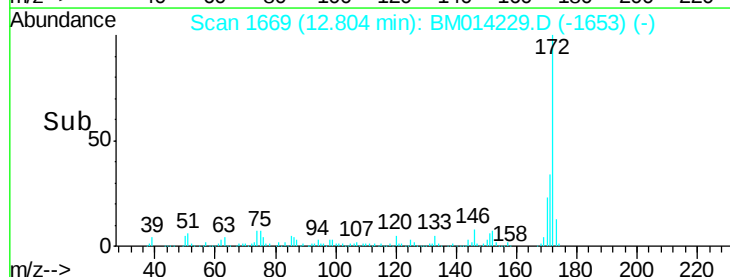
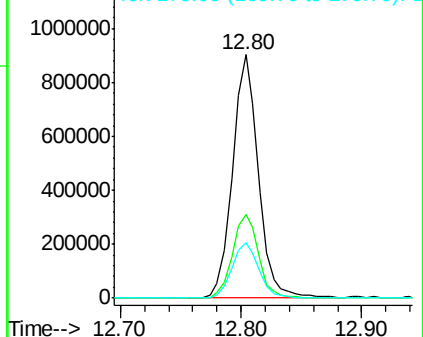
170 23.0 18.8 28.2

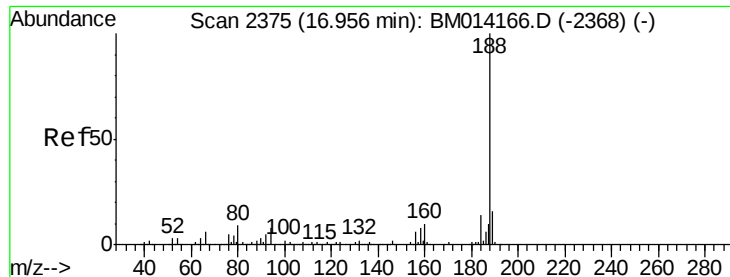


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

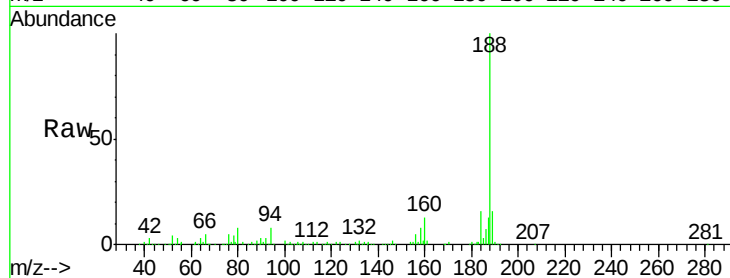




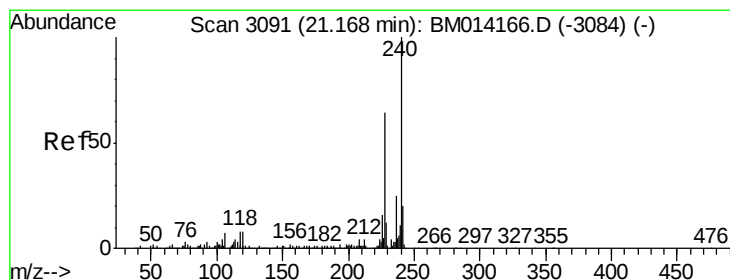
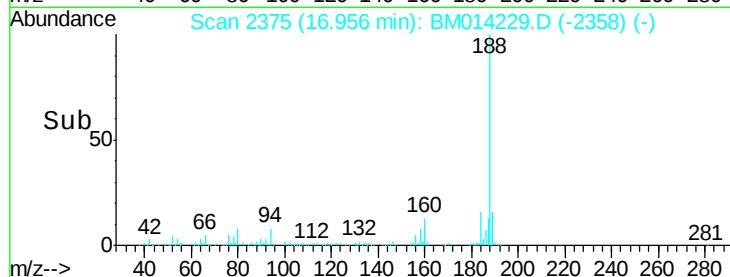
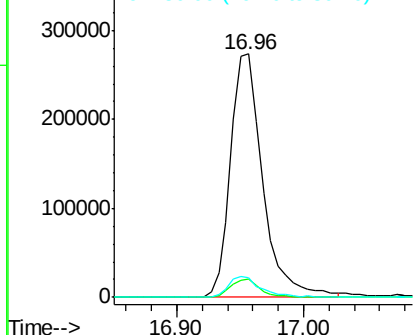
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014229.D
Acq: 13 Feb 2018 19:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 480192
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.0 9.3 13.9#

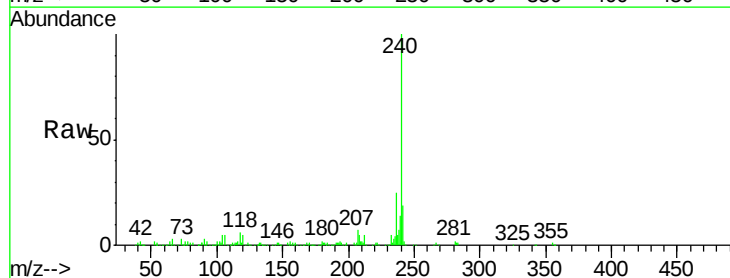


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

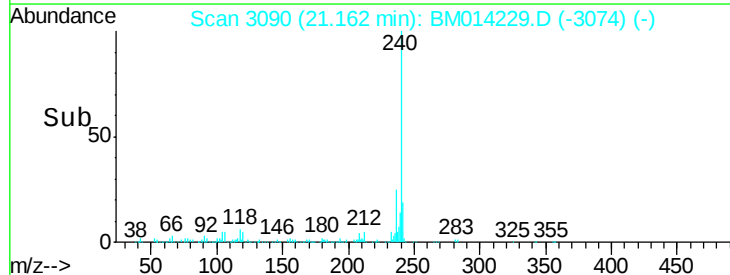
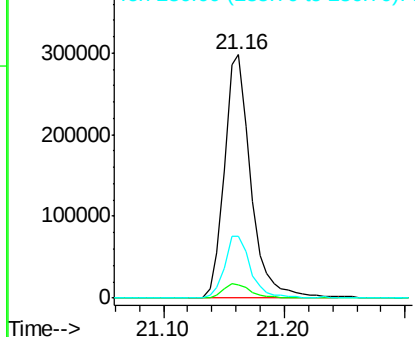


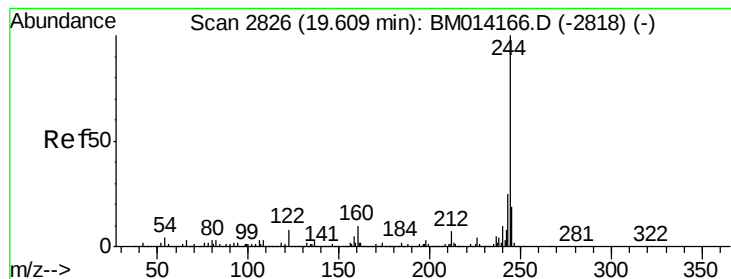
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014229.D
Acq: 13 Feb 2018 19:56

Tgt Ion:240 Resp: 452027
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 25.5 20.0 30.0



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





#78

Terphenyl-d14

Concen: 88.51 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014229.D

Acq: 13 Feb 2018 19:56

Instrument :

BNA_M

ClientSampleId :

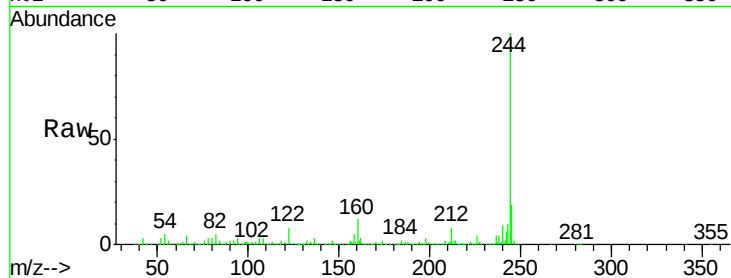
Tot Ion:244 Resp: 2047622

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

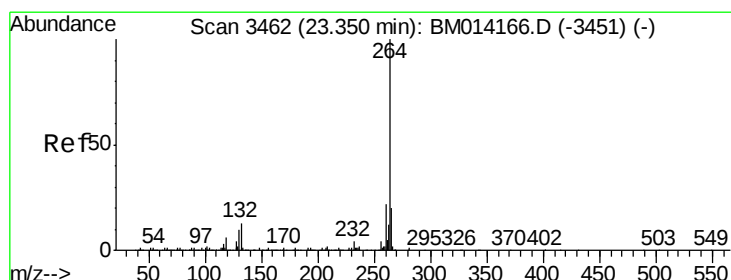
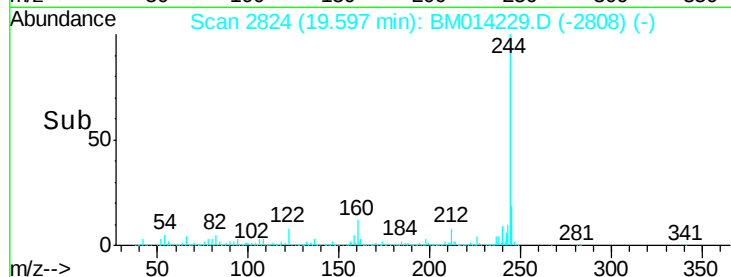
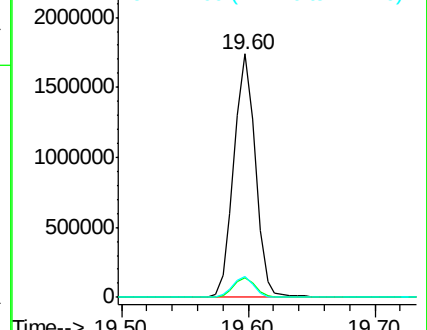
122 8.4 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.33 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM014229.D

Acq: 13 Feb 2018 19:56

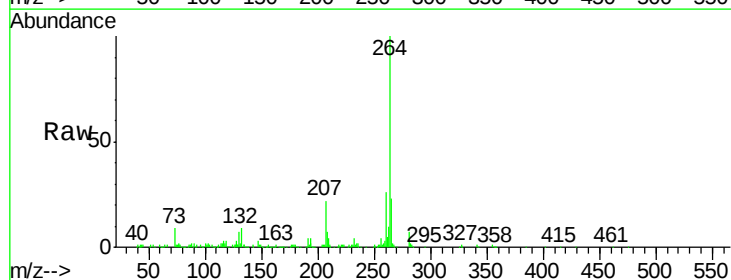
Tgt Ion:264 Resp: 384452

Ion Ratio Lower Upper

264 100

260 25.5 18.6 27.8

265 22.6 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

