

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014206.D
 Acq On : 08 Feb 2018 22:57
 Operator : SJ/JU
 Sample : PB106402BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB106402BL

Quant Time: Feb 09 05:37:15 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	92008	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	346562	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	217869	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	445272	20.00	ng	0.00
75) Chrysene-d12	21.16	240	325180	20.00	ng	0.00
86) Perylene-d12	23.34	264	292550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	757085	143.42	ng	0.00
7) Phenol-d6	6.73	99	997247	133.39	ng	0.00
23) Nitrobenzene-d5	8.70	82	692765	89.29	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	294334	95.21	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1461488	83.74	ng	0.00
78) Terphenyl-d14	19.60	244	1696034	101.91	ng	0.00

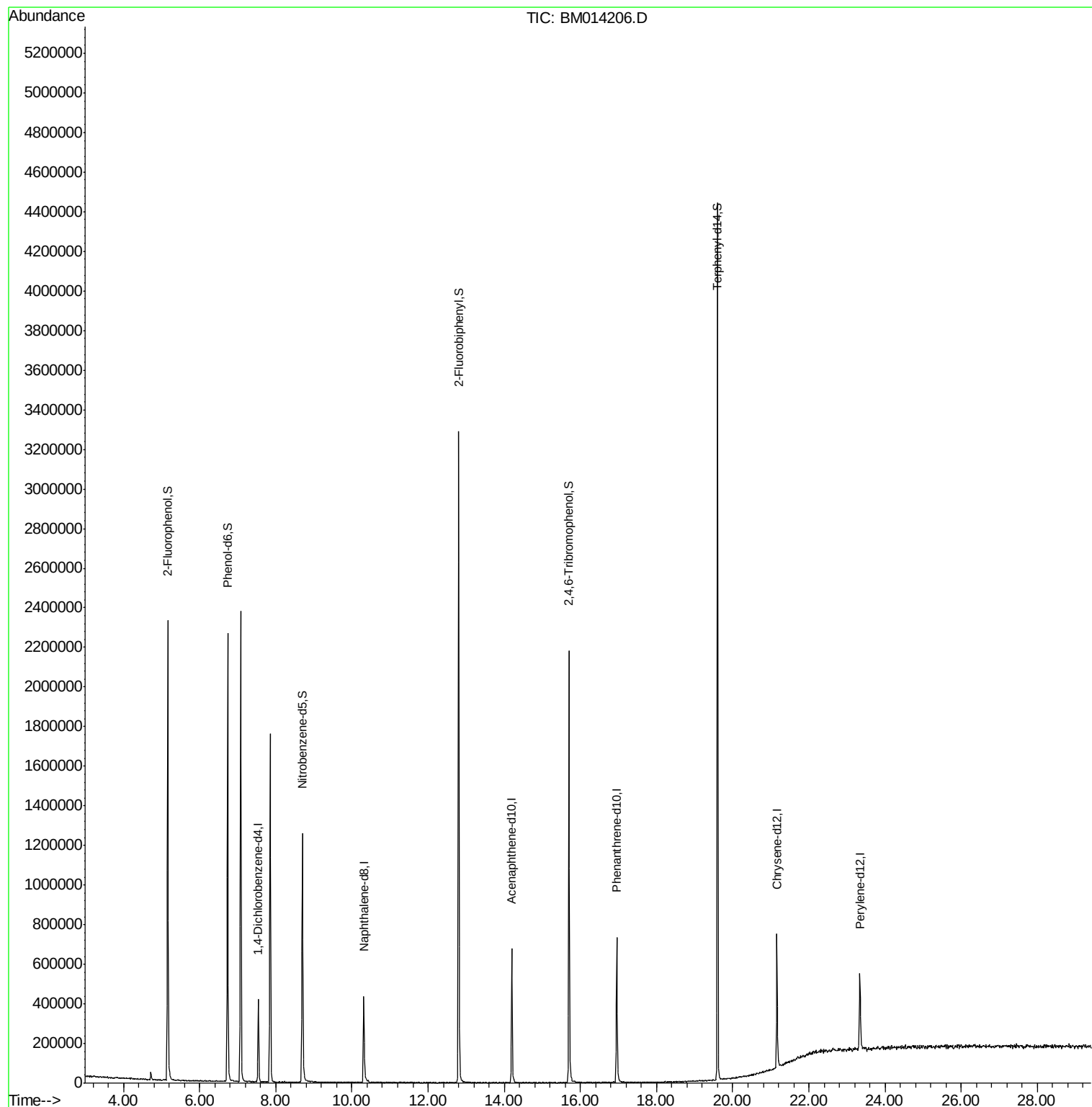
Target Compounds Qvalue

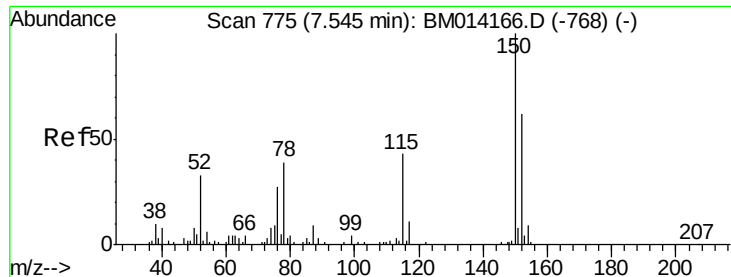
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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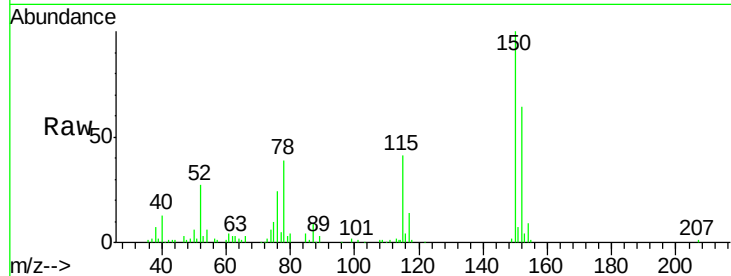


#1

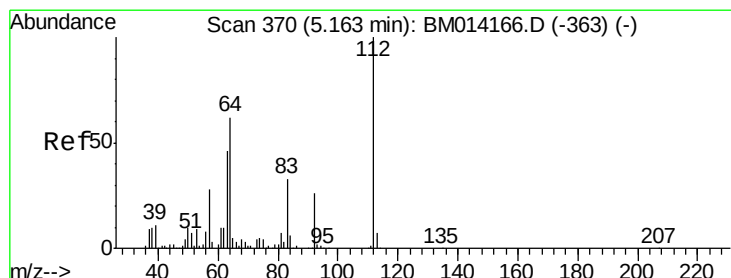
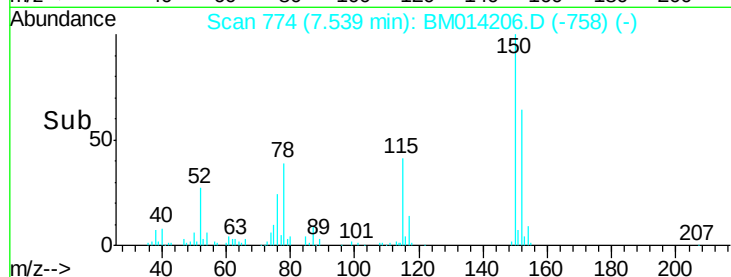
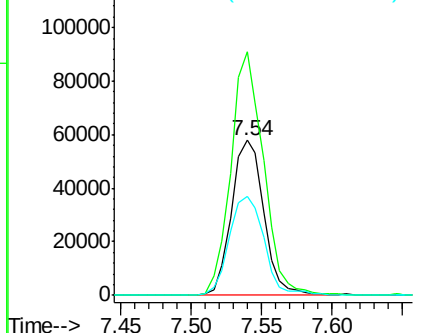
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014206.D
Acq: 08 Feb 2018 22:57

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	152	Resp	92008
Ion Ratio	Lower	Upper	
152	100		
150	157.4	119.5	179.3
115	64.2	43.0	64.4



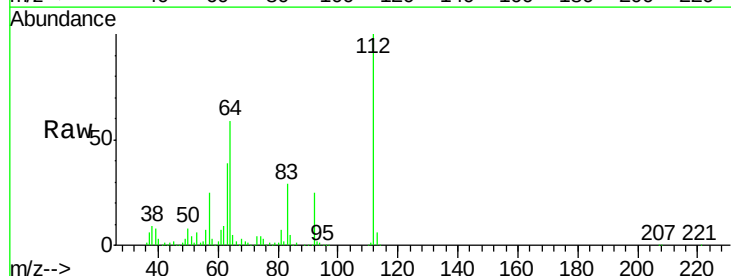
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



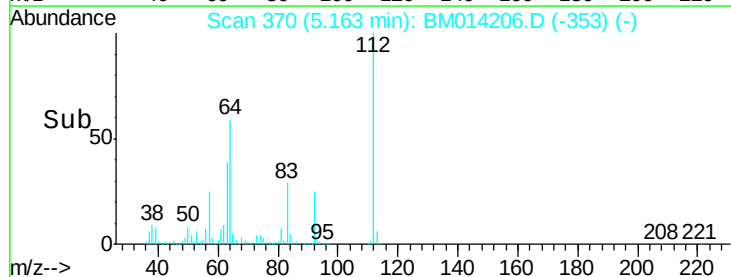
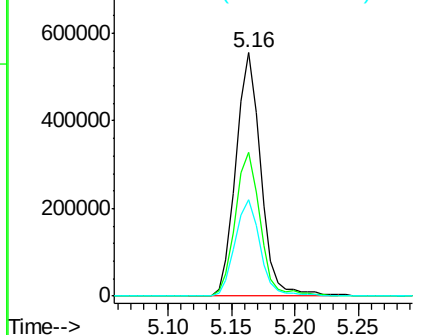
#5

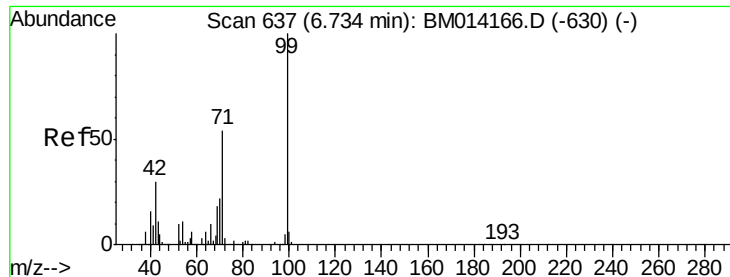
2-Fluorophenol
Concen: 143.421 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014206.D
Acq: 08 Feb 2018 22:57

Tgt Ion	112	Resp	757085
Ion Ratio	Lower	Upper	
112	100		
64	59.2	38.6	57.8#
63	39.4	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: 133.389 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014206.D

Acq: 08 Feb 2018 22:57

Instrument :

BNA_M

ClientSampleId :

PB106402BL

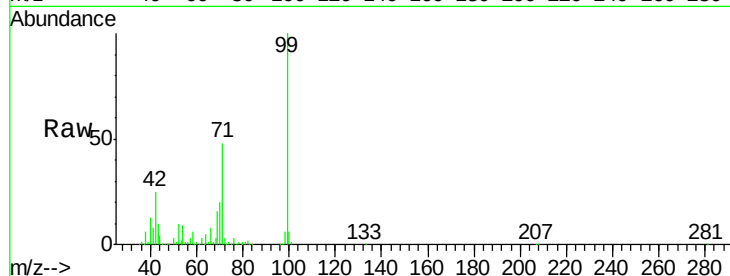
Tot Ion: 99 Resp: 997247

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

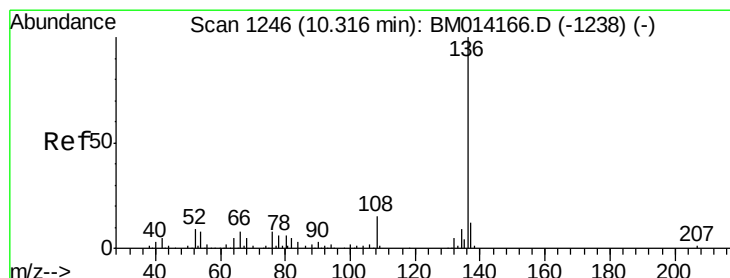
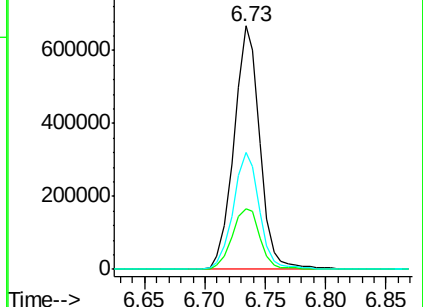
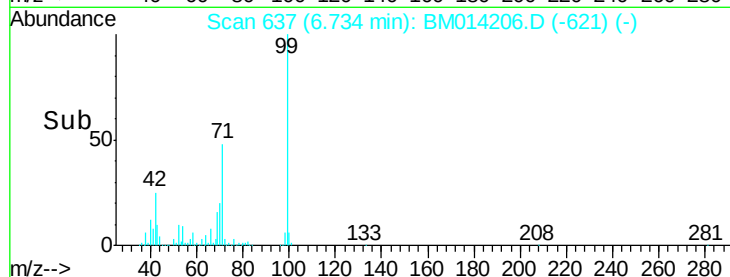
71 48.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014206.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014206.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014206.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014206.D

Acq: 08 Feb 2018 22:57

Tgt Ion: 136 Resp: 346562

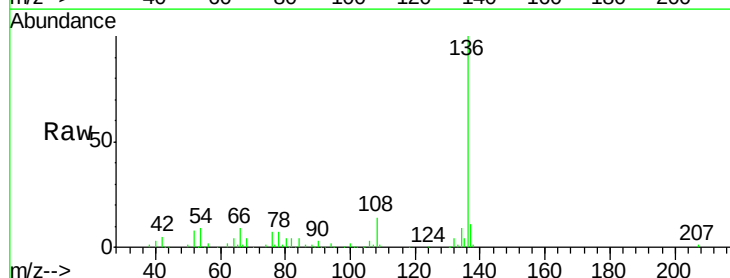
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.3 4.6 6.8#

68 3.9 3.7 5.5

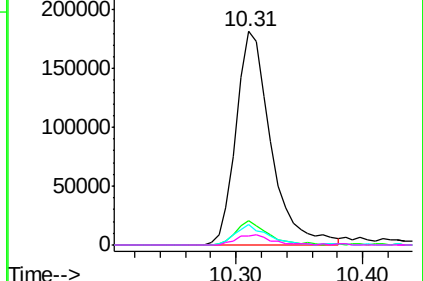
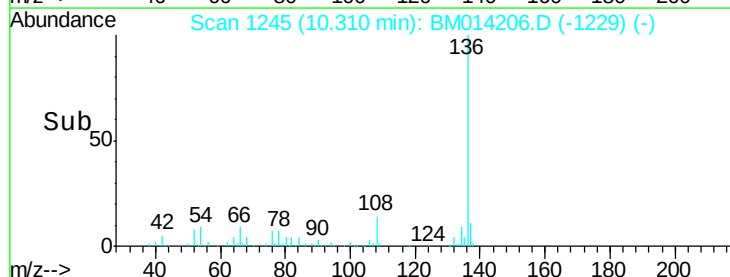


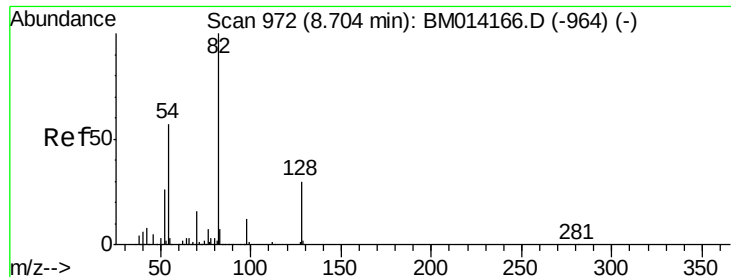
Abundance Ion 136.00 (135.70 to 136.70): BM014206.D (-1229) (-)

Ion 137.00 (136.70 to 137.70): BM014206.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014206.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014206.D (-1229) (-)

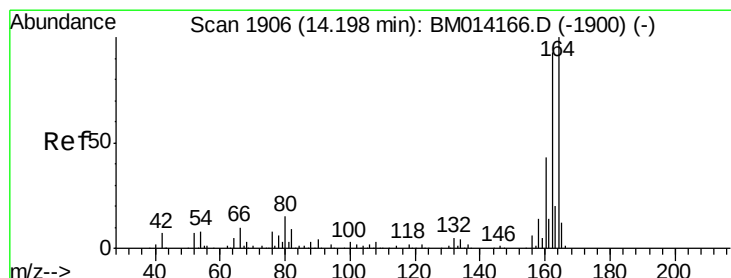
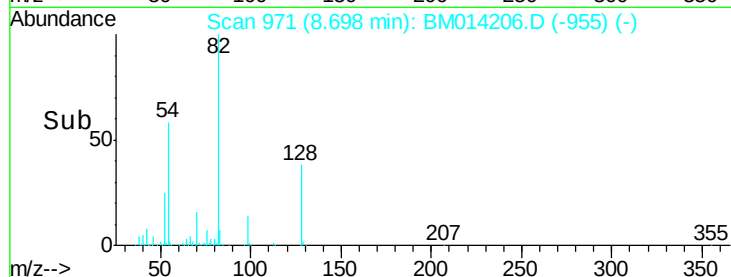
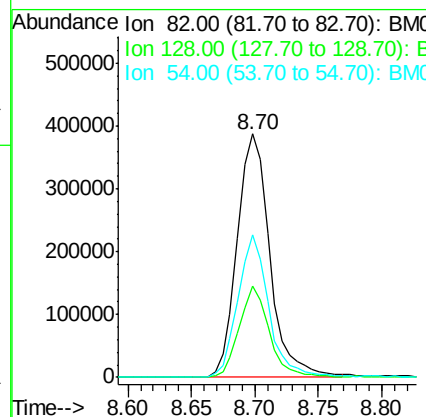
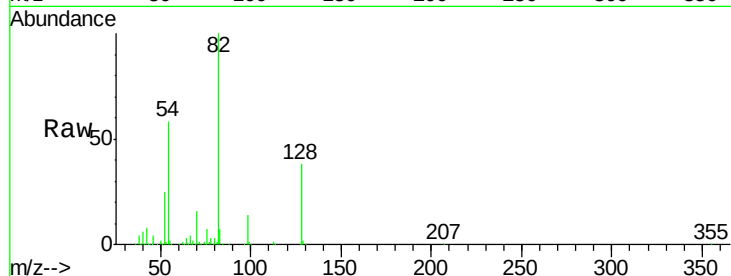




#23
Nitrobenzene-d5
Concen: 89.289 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014206.D
Acq: 08 Feb 2018 22:57

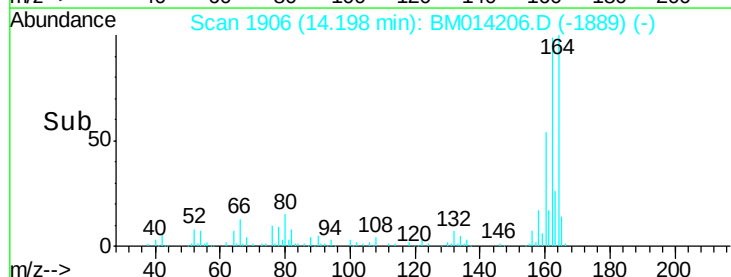
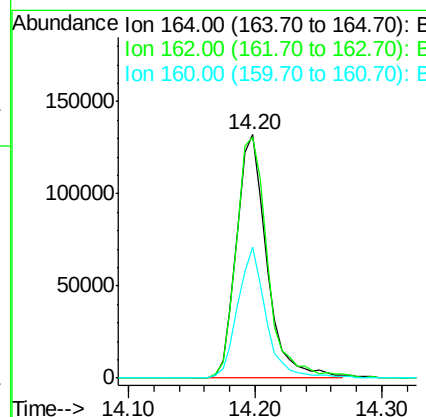
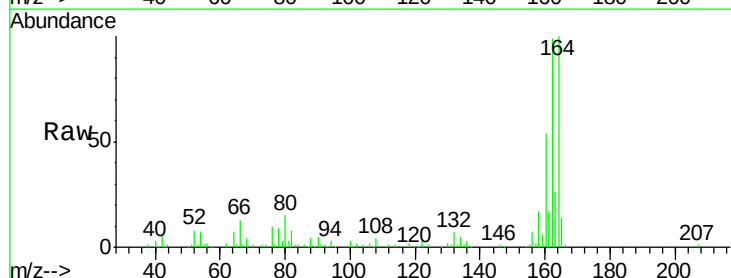
Instrument :
BNA_M
ClientSampleId :
PB106402BL

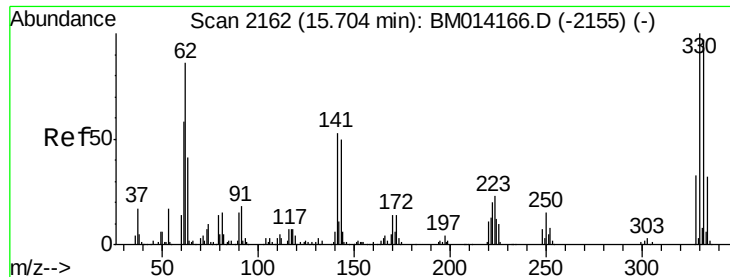
Tot Ion	82	Resp	692765
Ion Ratio	Lower	Upper	
82	100		
128	37.6	32.8	49.2
54	58.3	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014206.D
Acq: 08 Feb 2018 22:57

Tgt Ion	164	Resp	217869
Ion Ratio	Lower	Upper	
164	100		
162	99.0	82.4	123.6
160	53.7	35.8	53.6#





#41

2,4,6-Tribromophenol

Concen: 95.207 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014206.D

Acq: 08 Feb 2018 22:57

Instrument :

BNA_M

ClientSampleId :

PB106402BL

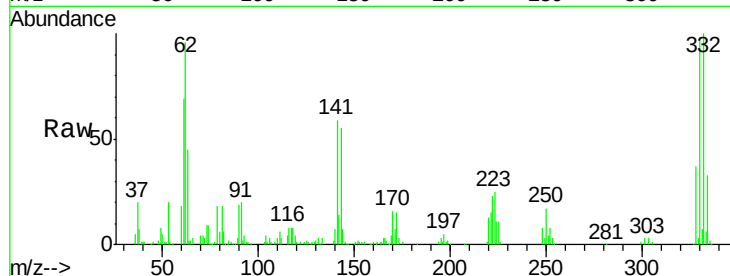
Tot Ion:330 Resp: 294334

Ion Ratio Lower Upper

330 100

332 99.0 0.0 0.0#

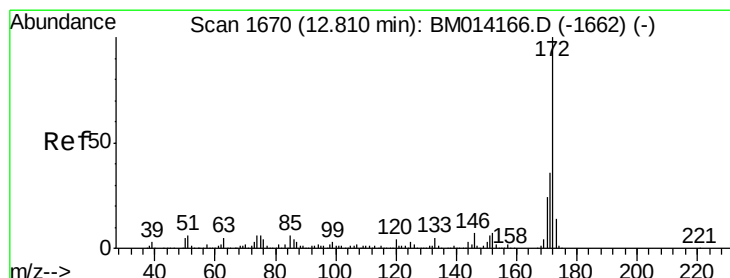
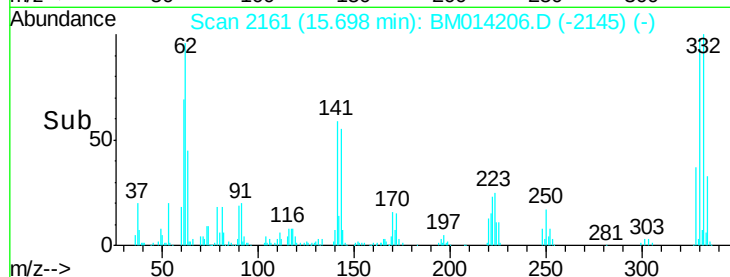
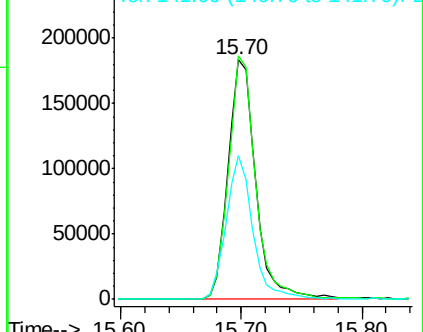
141 57.9 0.0 0.0#



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: 83.738 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM014206.D

Acq: 08 Feb 2018 22:57

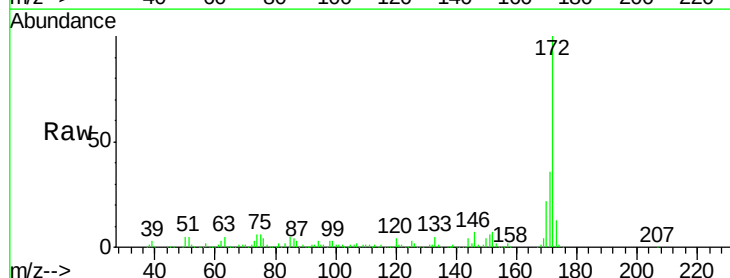
Tgt Ion:172 Resp: 1461488

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

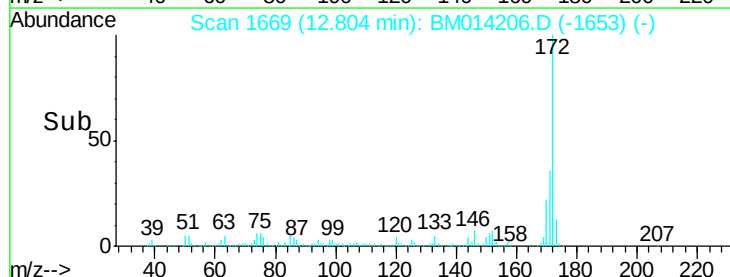
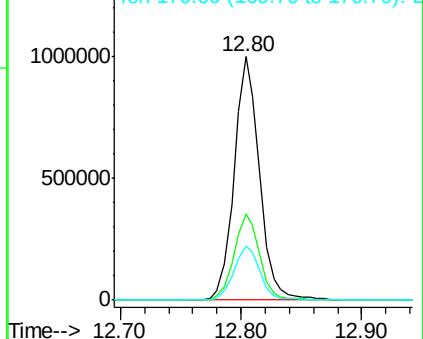
170 22.4 18.8 28.2

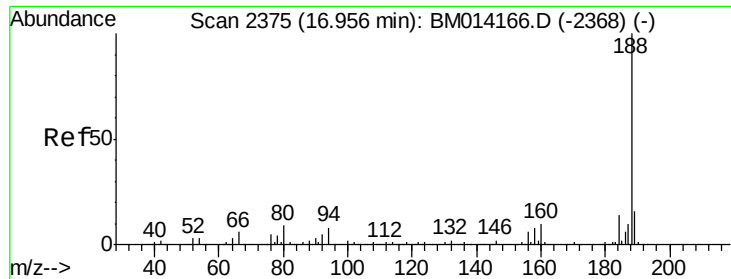


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

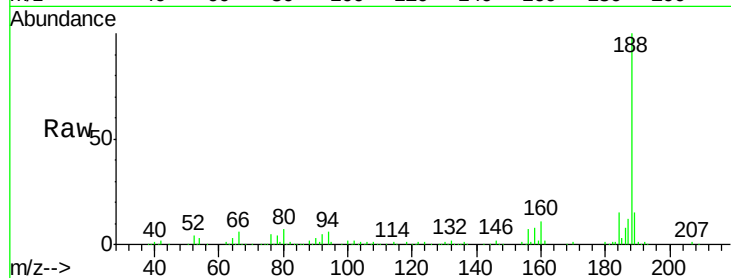




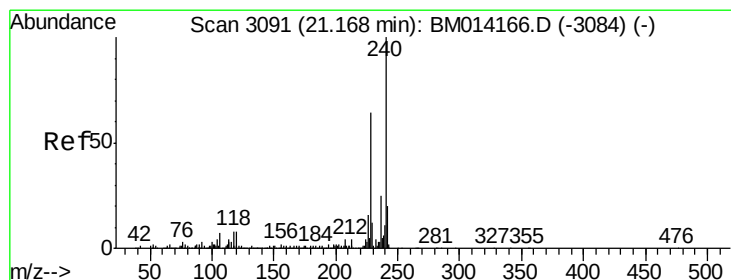
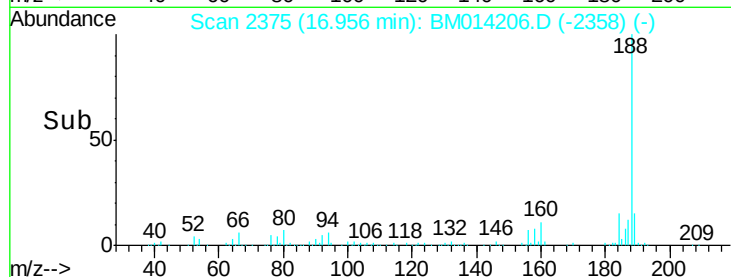
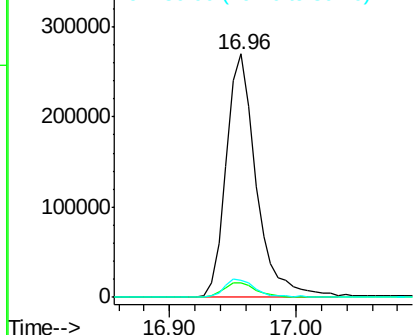
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014206.D
Acq: 08 Feb 2018 22:57

Instrument :
BNA_M
ClientSampleId :
PB106402BL

Tot Ion:188 Resp: 445272
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 6.8 9.3 13.9#

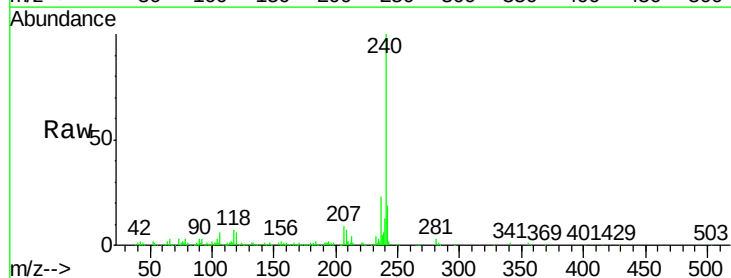


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

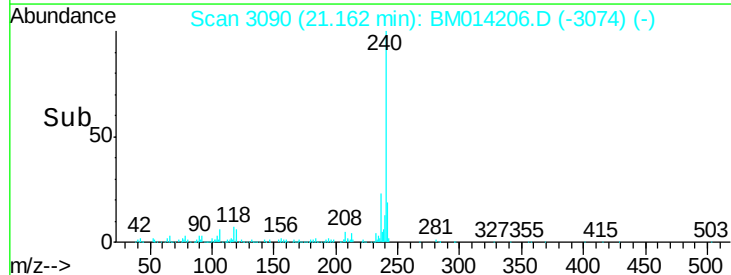
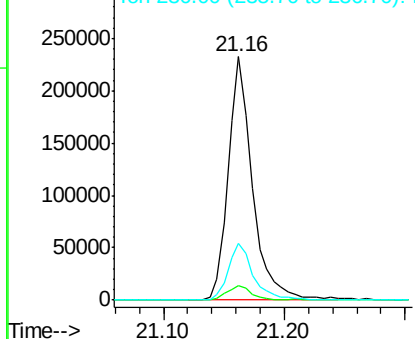


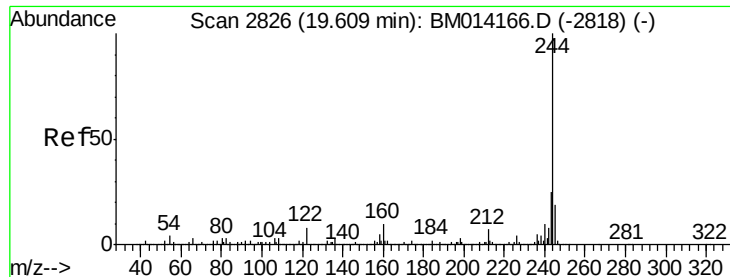
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014206.D
Acq: 08 Feb 2018 22:57

Tgt Ion:240 Resp: 325180
Ion Ratio Lower Upper
240 100
120 5.9 8.2 12.2#
236 23.3 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: 101.911 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014206.D

Acq: 08 Feb 2018 22:57

Instrument :

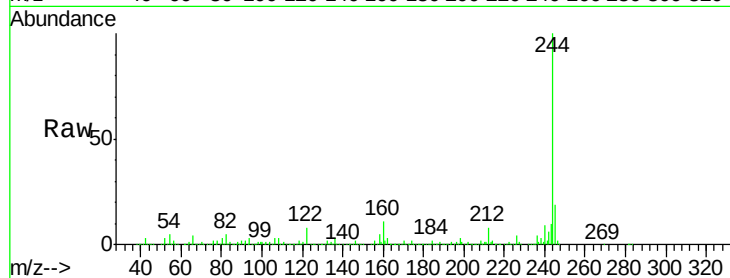
BNA_M

ClientSampleId :

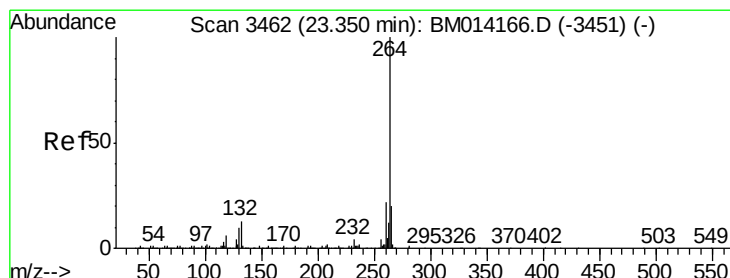
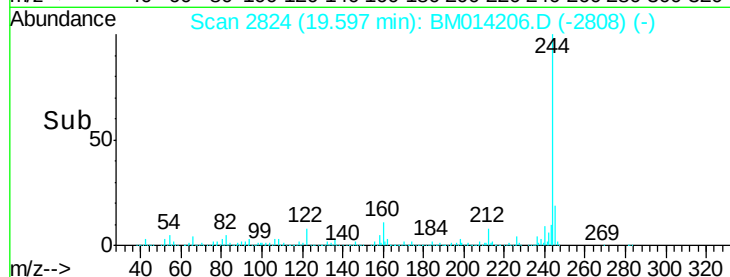
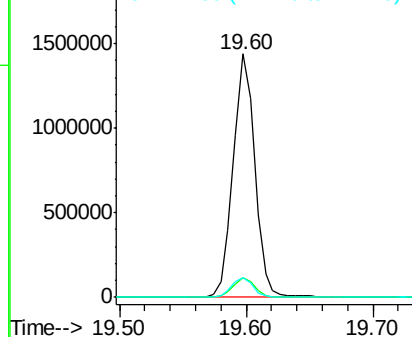
PB106402BL

Tot Ion:244 Resp: 1696034

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	8.0	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: 20.000 ng

RT: 23.34 min Scan# 3460

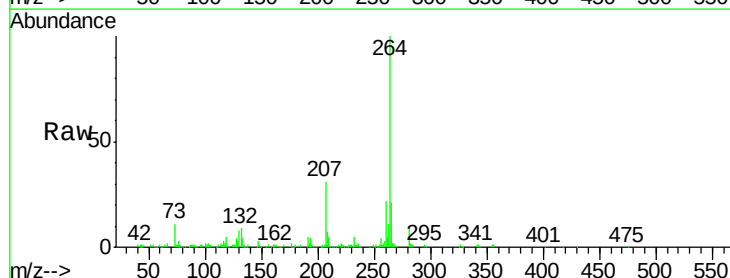
Delta R.T. -0.01 min

Lab File: BM014206.D

Acq: 08 Feb 2018 22:57

Tgt Ion:264 Resp: 292550

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.6	27.8
265	20.9	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

