

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014207.D
 Acq On : 08 Feb 2018 23:32
 Operator : SJ/JU
 Sample : PB106402BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB106402BL

Quant Time: Feb 09 05:38:45 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	79343	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	290836	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	187477	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	378371	20.00	ng	0.00
75) Chrysene-d12	21.16	240	302317	20.00	ng	0.00
86) Perylene-d12	23.34	264	290215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	707006	155.31	ng	0.00
7) Phenol-d6	6.73	99	913410	141.68	ng	0.00
23) Nitrobenzene-d5	8.70	82	658641	101.16	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	288960	108.62	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1359310	90.51	ng	0.00
78) Terphenyl-d14	19.60	244	1704375	110.16	ng	0.00

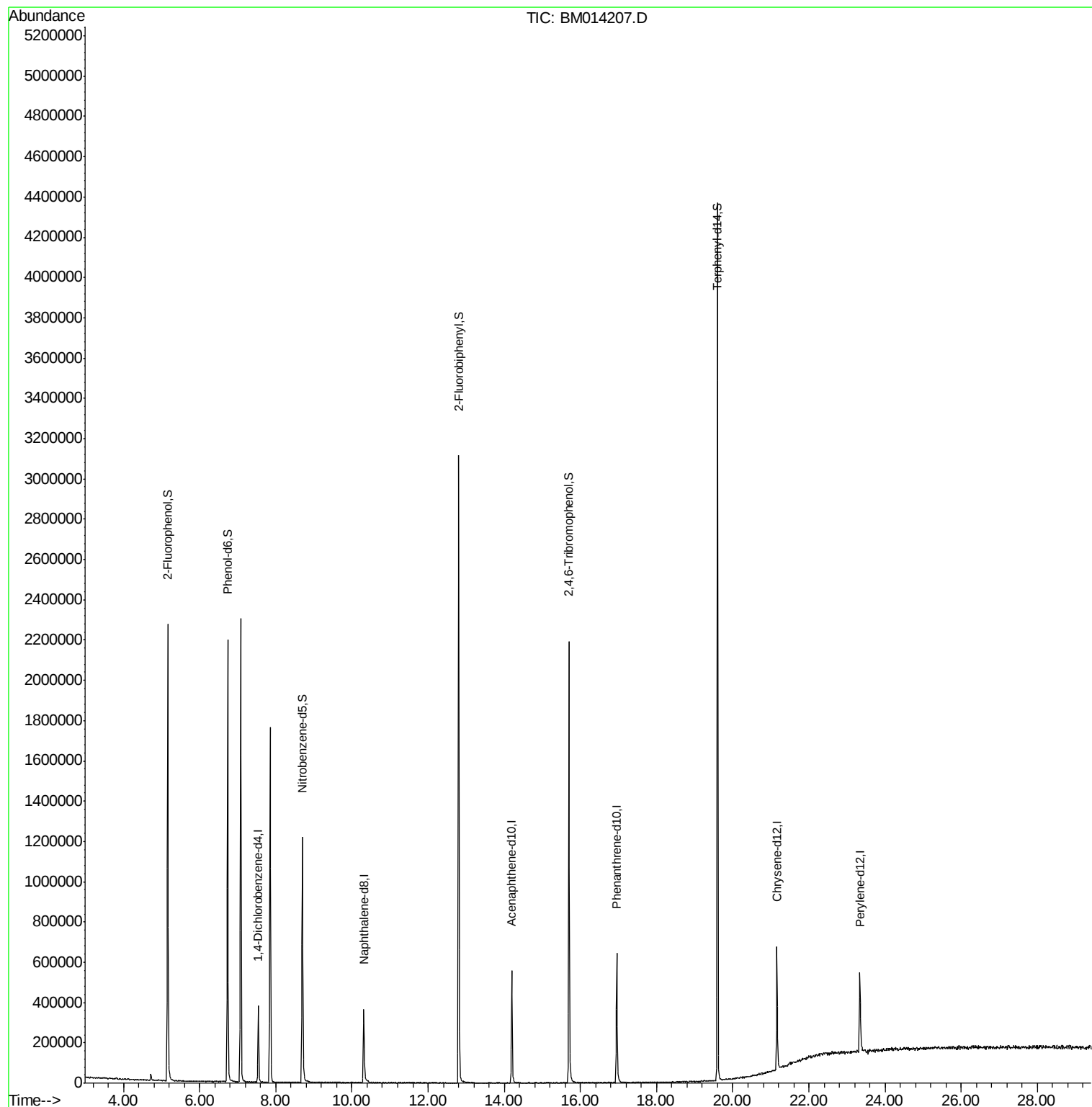
Target Compounds Qvalue

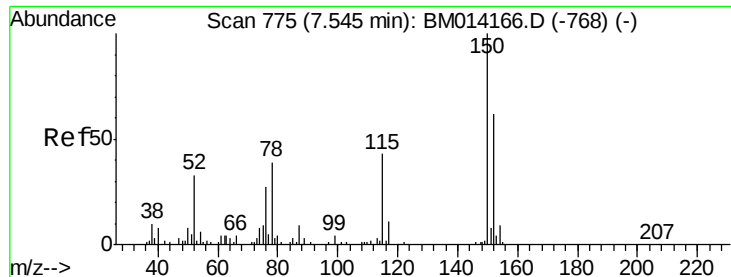
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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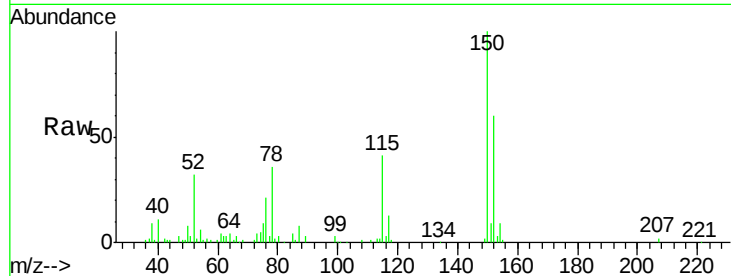


#1

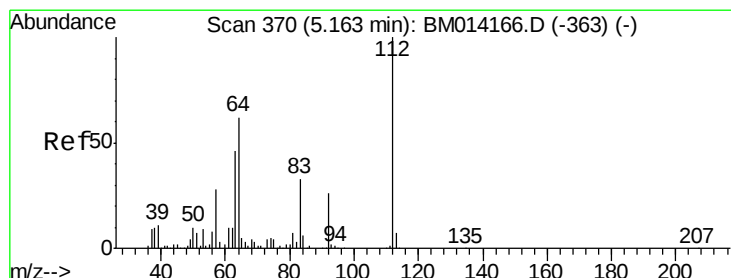
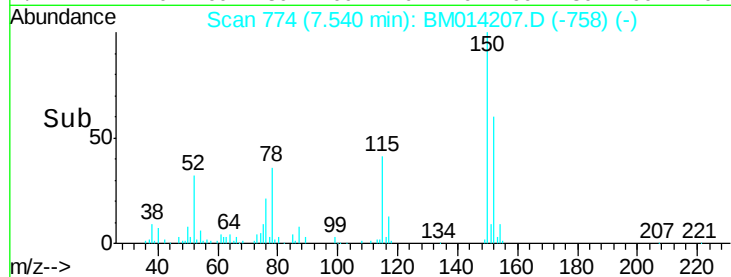
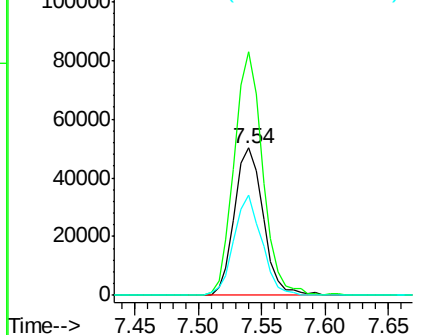
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014207.D
Acq: 08 Feb 2018 23:32

Instrument :
BNA_M
ClientSampled :
PB106402BL

Tot Ion:152 Resp: 79343
Ion Ratio Lower Upper
152 100
150 165.5 119.5 179.3
115 68.2 43.0 64.4#



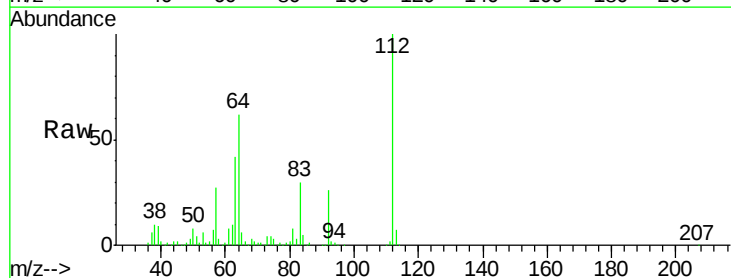
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



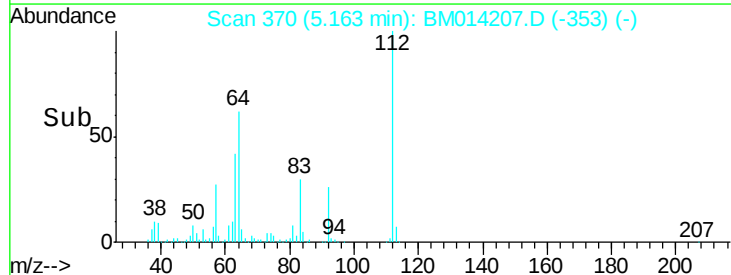
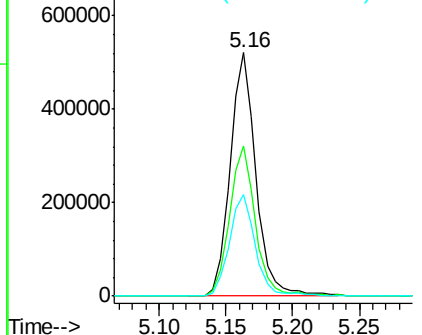
#5

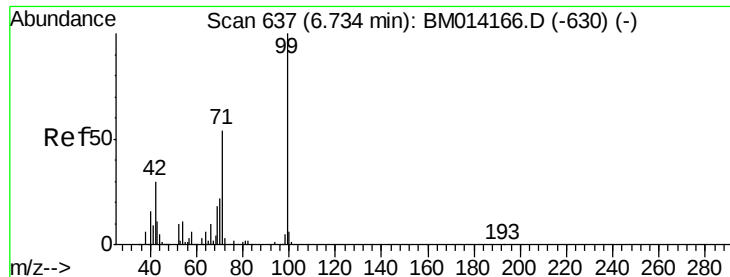
2-Fluorophenol
Concen: 155.313 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014207.D
Acq: 08 Feb 2018 23:32

Tgt Ion:112 Resp: 707006
Ion Ratio Lower Upper
112 100
64 61.6 38.6 57.8#
63 41.9 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: 141.677 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014207.D

Acq: 08 Feb 2018 23:32

Instrument :

BNA_M

ClientSampleId :

PB106402BL

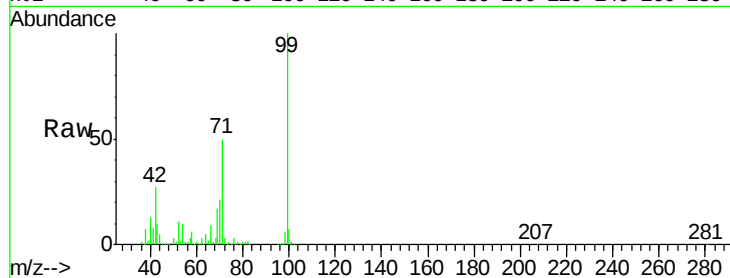
Tot Ion: 99 Resp: 913410

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

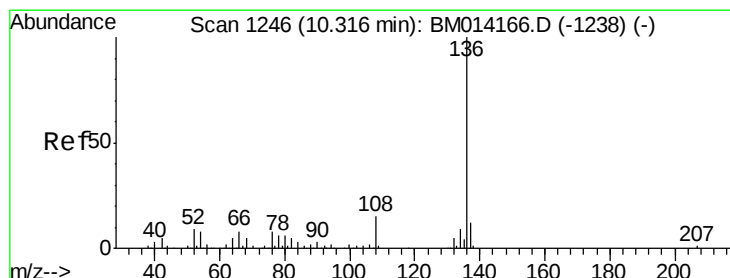
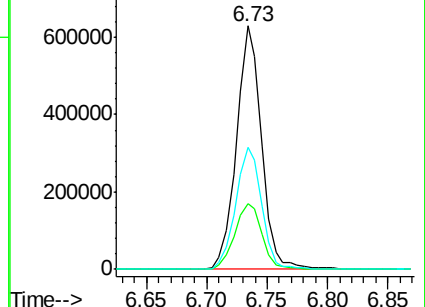
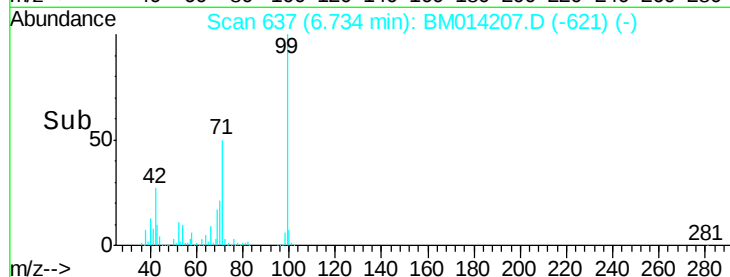
71 50.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014207.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014207.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014207.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014207.D

Acq: 08 Feb 2018 23:32

Tgt Ion: 136 Resp: 290836

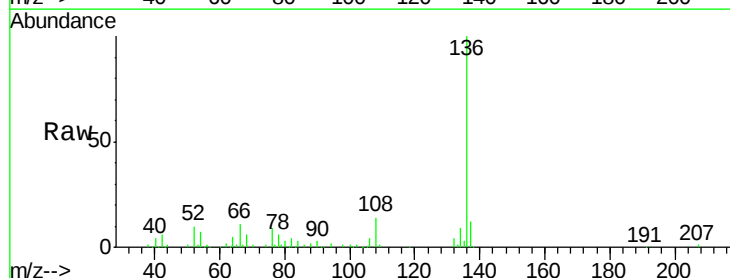
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 7.5 4.6 6.8#

68 6.3 3.7 5.5#

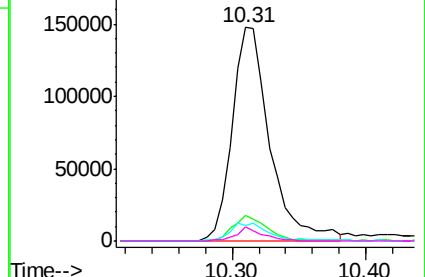
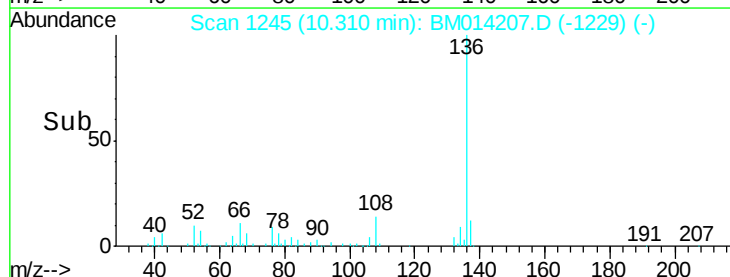


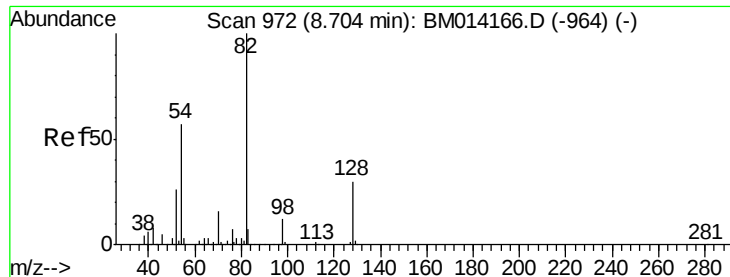
Abundance Ion 136.00 (135.70 to 136.70): BM014207.D (-1229) (-)

Ion 137.00 (136.70 to 137.70): BM014207.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014207.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014207.D (-1229) (-)

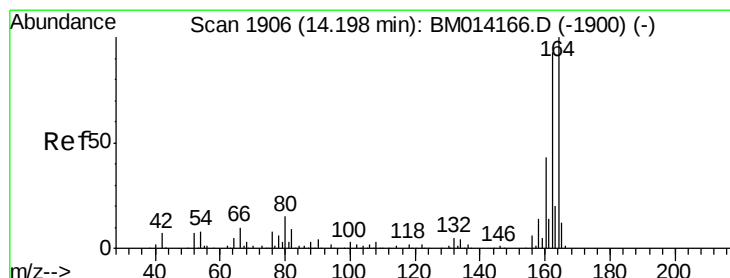
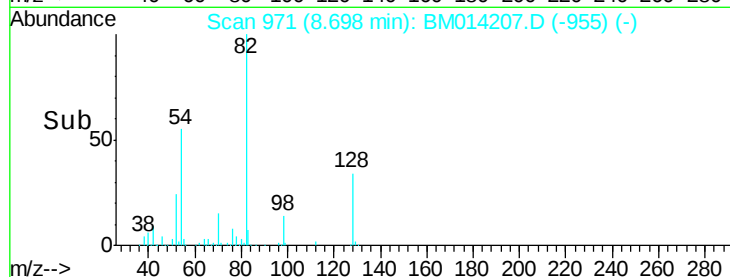
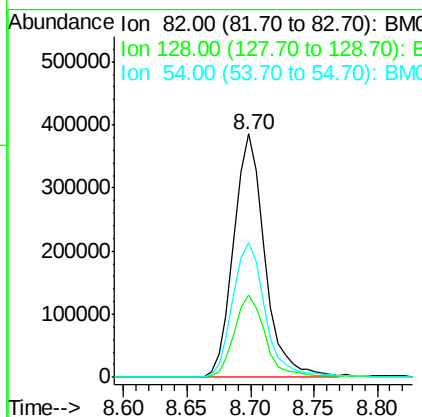
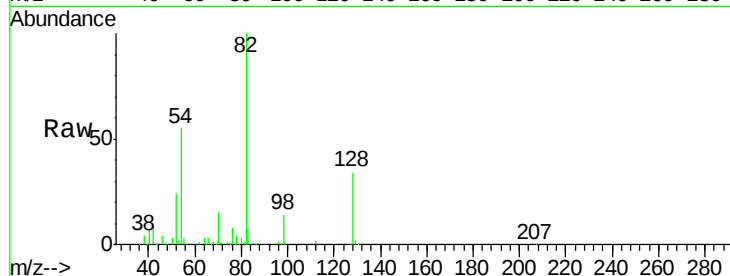




#23
Nitrobenzene-d5
Concen: 101.156 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014207.D
Acq: 08 Feb 2018 23:32

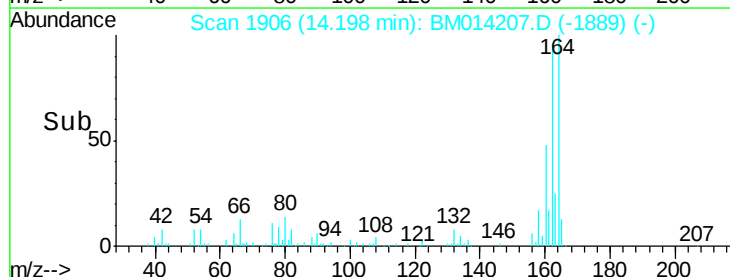
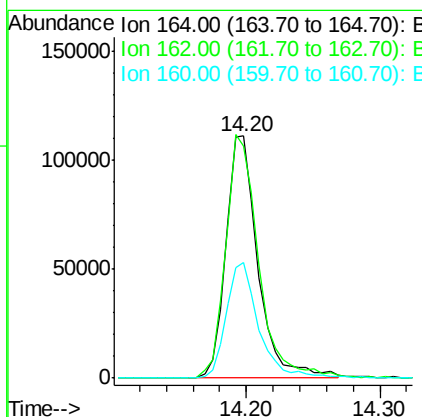
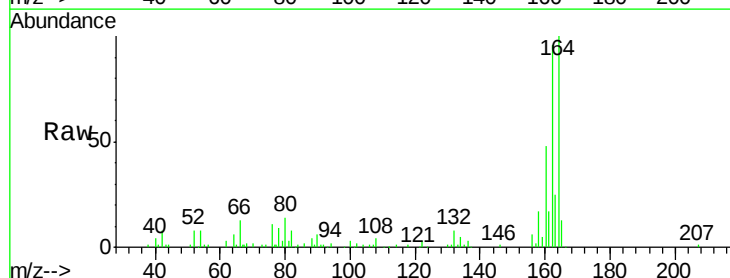
Instrument :
BNA_M
ClientSampled :
PB106402BL

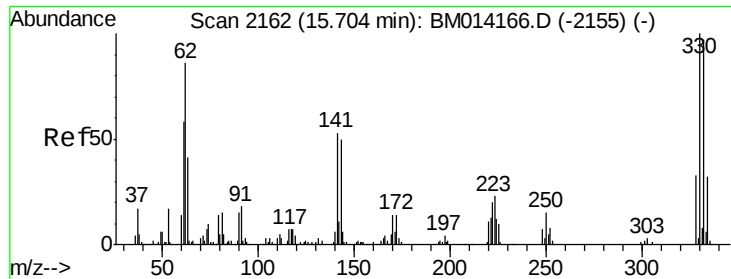
Tot Ion	82	Resp	658641
Ion Ratio	Lower	Upper	
82	100		
128	34.0	32.8	49.2
54	55.2	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM014207.D
Acq: 08 Feb 2018 23:32

Tgt Ion	164	Resp	187477
Ion Ratio	Lower	Upper	
164	100		
162	95.9	82.4	123.6
160	47.6	35.8	53.6

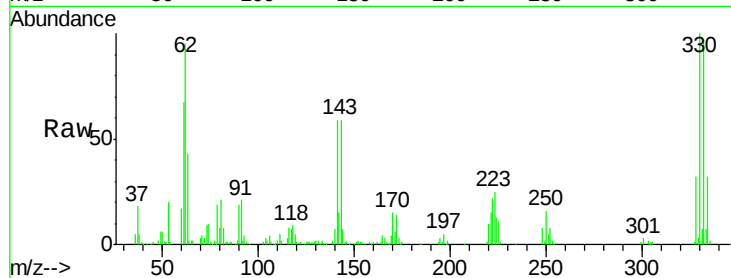




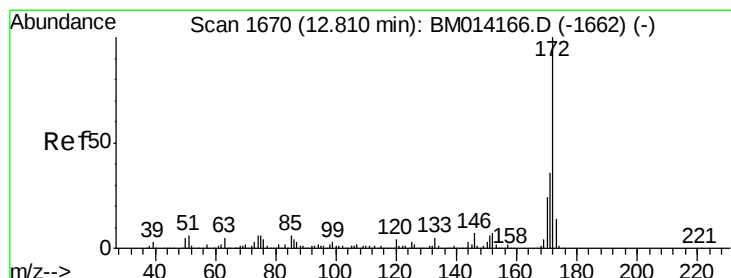
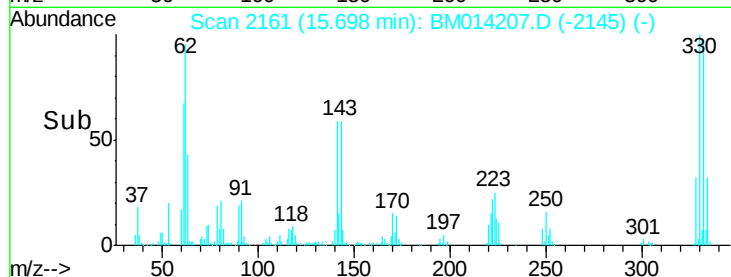
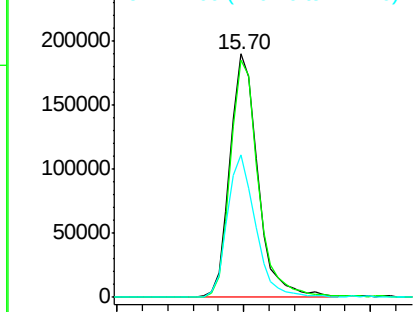
#41
 2,4,6-Tribromophenol
 Concen: 108.621 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014207.D
 Acq: 08 Feb 2018 23:32

Instrument :
 BNA_M
 ClientSampleId :
 PB106402BL

Tot Ion:330 Resp: 288960
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 59.4 0.0 0.0#

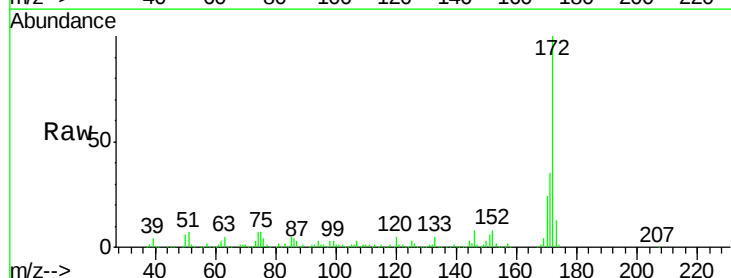


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

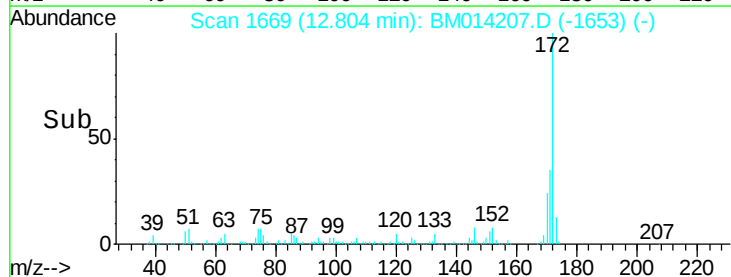
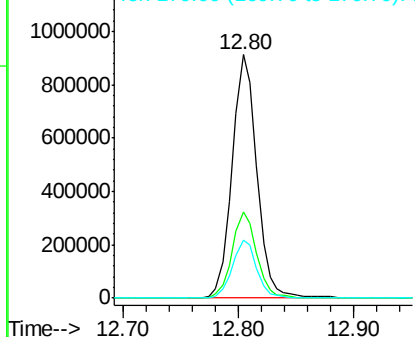


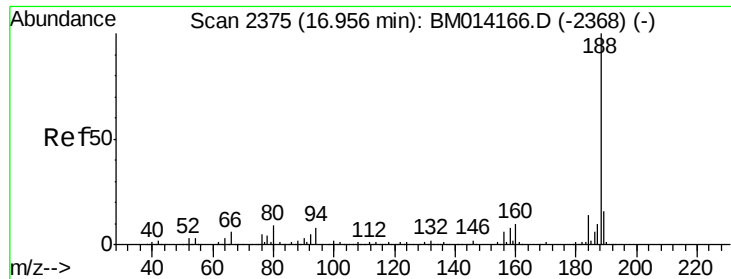
#44
 2-Fluorobiphenyl
 Concen: 90.509 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014207.D
 Acq: 08 Feb 2018 23:32

Tgt Ion:172 Resp: 1359310
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.6 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

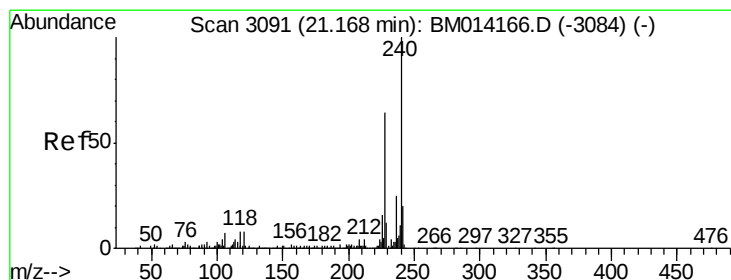
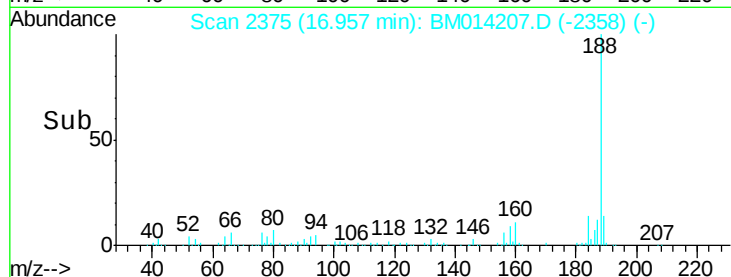
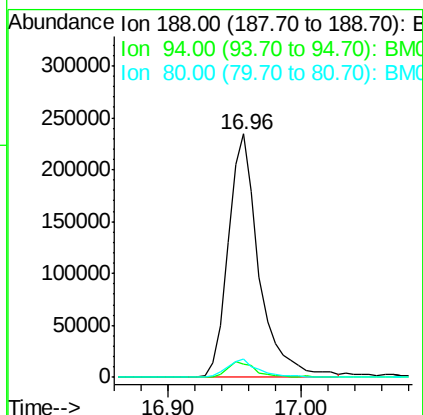
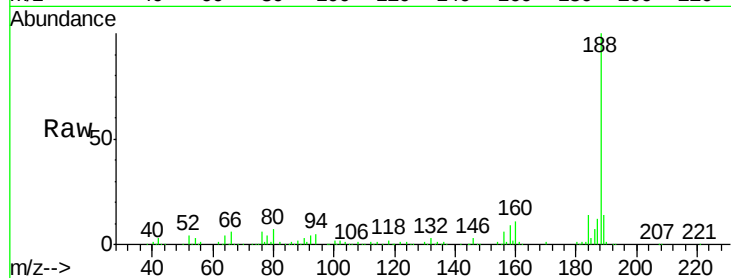




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM014207.D
Acq: 08 Feb 2018 23:32

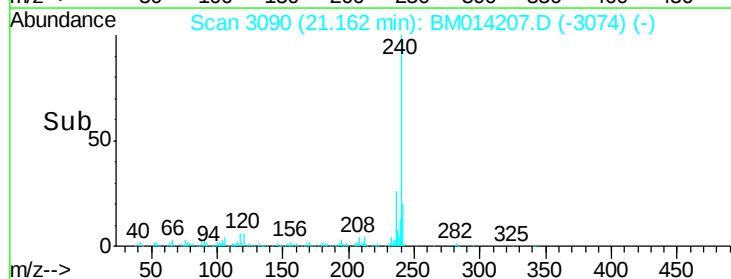
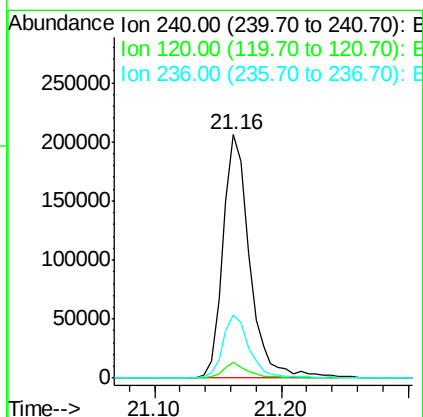
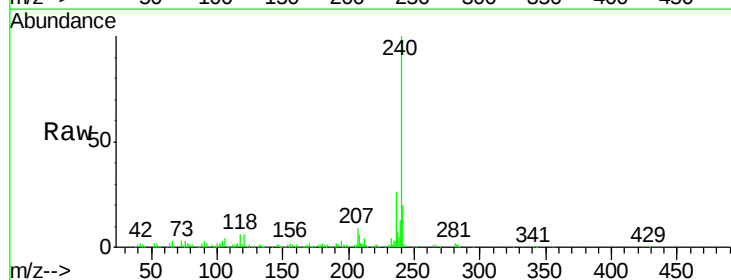
Instrument :
BNA_M
ClientSampleId :
PB106402BL

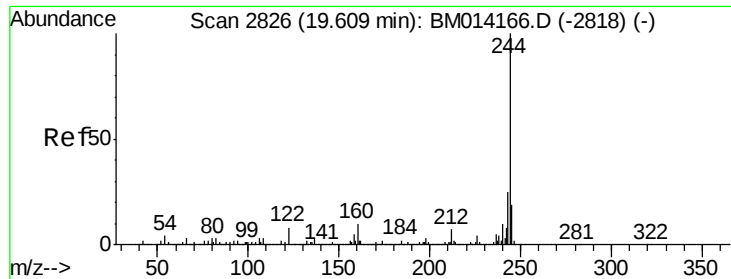
Tot Ion:188 Resp: 378371
Ion Ratio Lower Upper
188 100
94 5.4 8.7 13.1#
80 7.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014207.D
Acq: 08 Feb 2018 23:32

Tgt Ion:240 Resp: 302317
Ion Ratio Lower Upper
240 100
120 6.4 8.2 12.2#
236 25.7 20.0 30.0

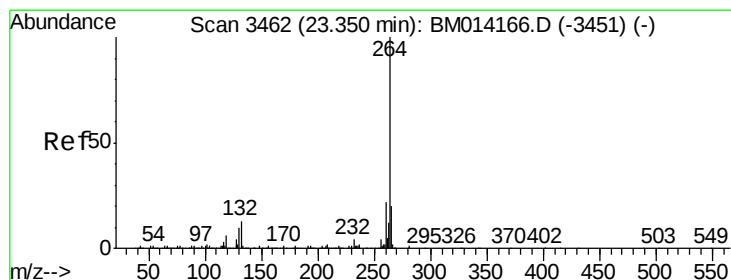
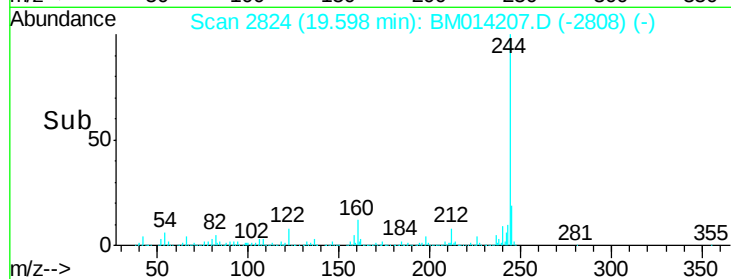
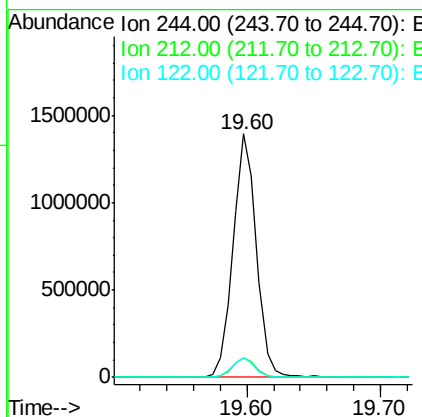
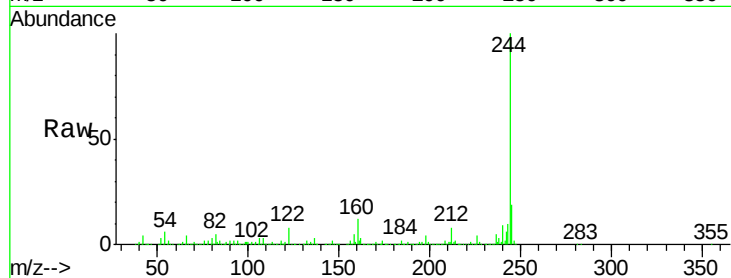




#78
 Terphenyl-d14
 Concen: 110.158 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM014207.D
 Acq: 08 Feb 2018 23:32

Instrument :
 BNA_M
 ClientSampleId :
 PB106402BL

Tot Ion:244 Resp: 1704375
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 7.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM014207.D
 Acq: 08 Feb 2018 23:32

Tgt Ion:264 Resp: 290215
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 24.2 17.3 25.9

