

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014211.D
 Acq On : 09 Feb 2018 11:46
 Operator : SJ/JU
 Sample : PB106384BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 02:29:19 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	80404	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	299522	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	195554	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	436825	20.00	ng	0.00
75) Chrysene-d12	21.16	240	419982	20.00	ng	0.00
86) Perylene-d12	23.33	264	384742	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	639974	138.73	ng	0.00
7) Phenol-d6	6.73	99	833825	127.63	ng	0.00
23) Nitrobenzene-d5	8.70	82	613428	91.48	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	296589	106.88	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1278656	81.62	ng	0.00
78) Terphenyl-d14	19.60	244	1974365	91.86	ng	0.00

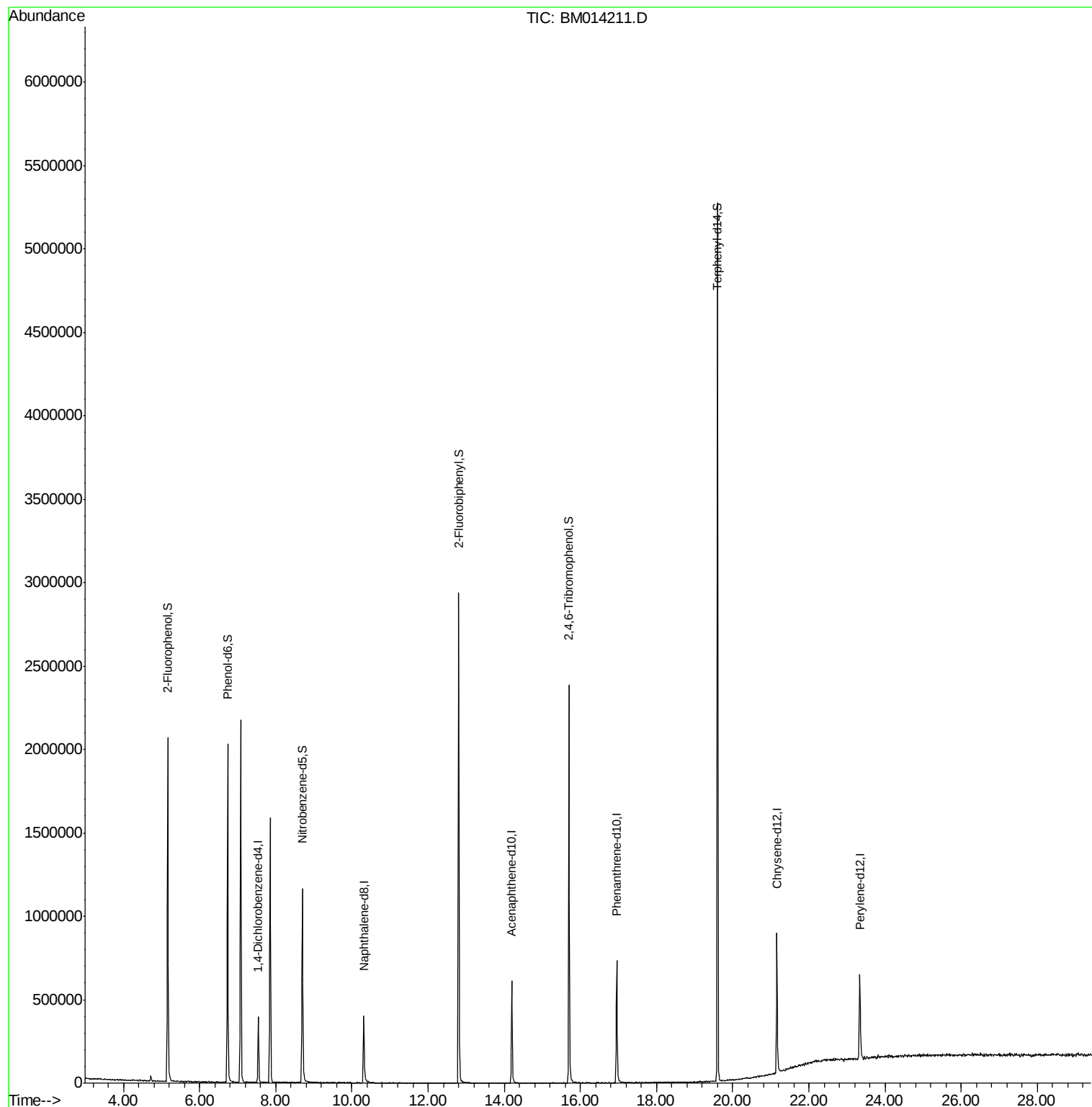
Target Compounds Qvalue

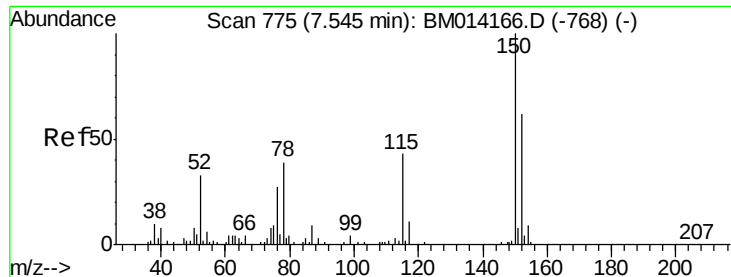
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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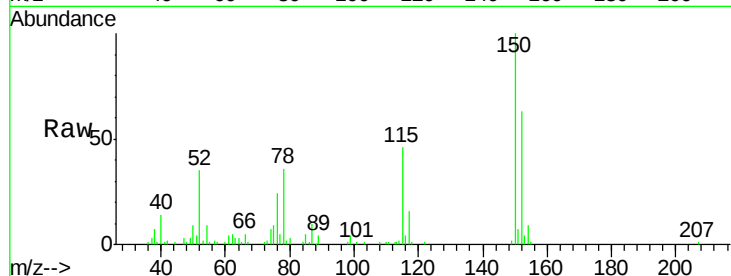


#1

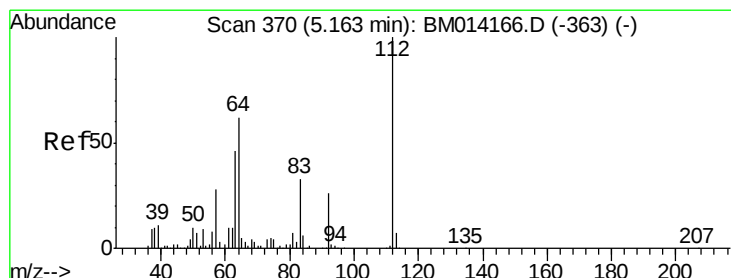
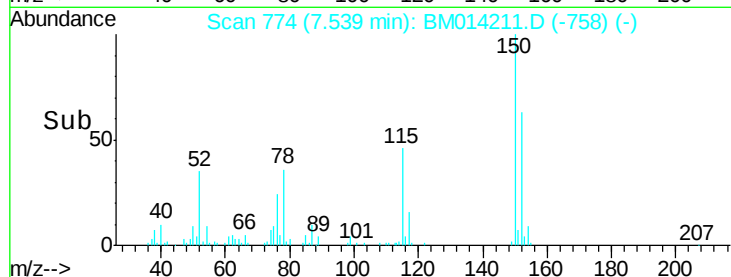
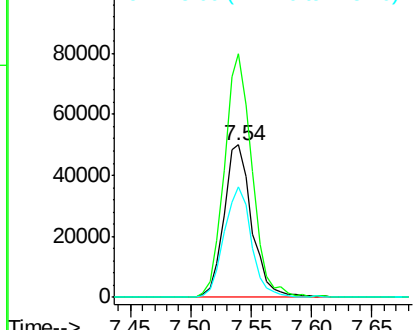
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014211.D
Acq: 09 Feb 2018 11:46

Instrument :
BNA_M
ClientSampled :

Tot Ion	152	Resp	80404
Ion	Ratio	Lower	Upper
152	100		
150	159.5	119.5	179.3
115	72.8	43.0	64.4



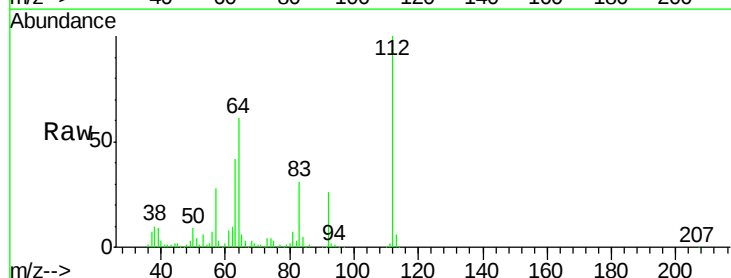
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



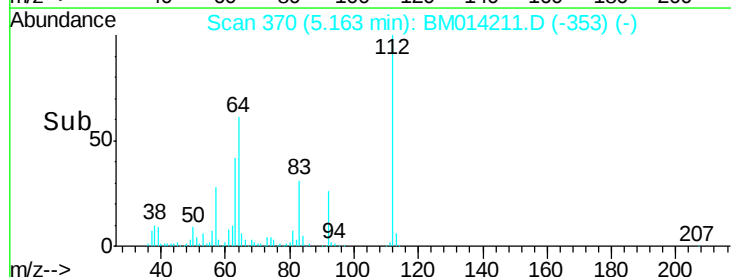
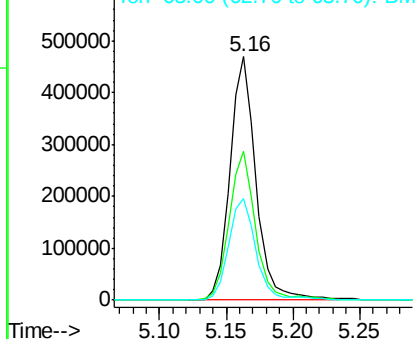
#5

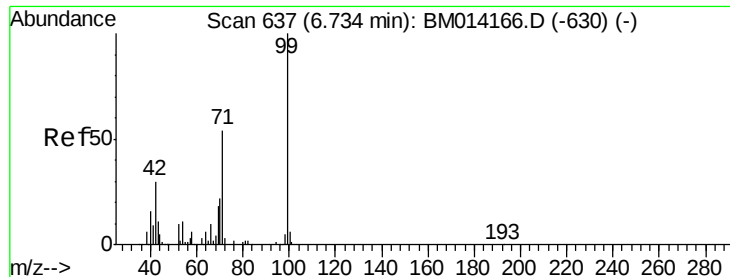
2-Fluorophenol
Concen: 138.73 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014211.D
Acq: 09 Feb 2018 11:46

Tgt Ion	112	Resp	639974
Ion	Ratio	Lower	Upper
112	100		
64	61.2	38.6	57.8
63	41.5	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: 127.63 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014211.D

Acq: 09 Feb 2018 11:46

Instrument :

BNA_M

ClientSampleId :

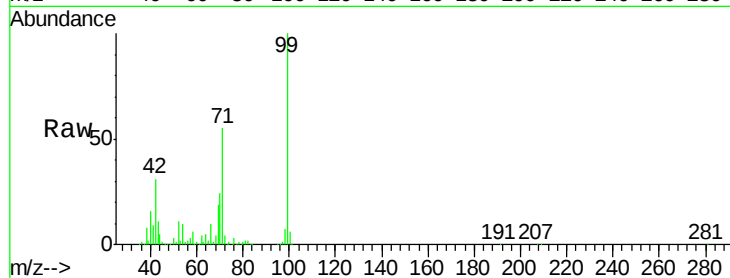
Tot Ion: 99 Resp: 833825

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

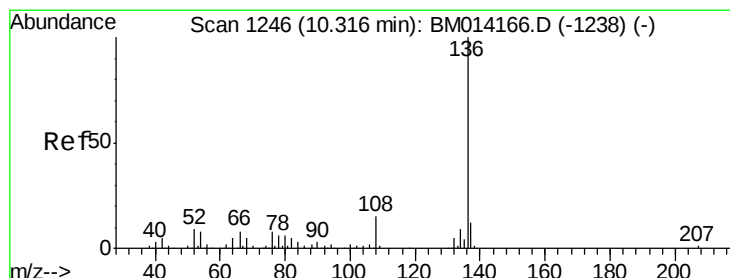
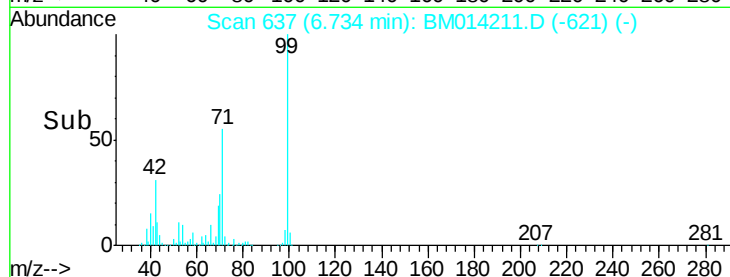
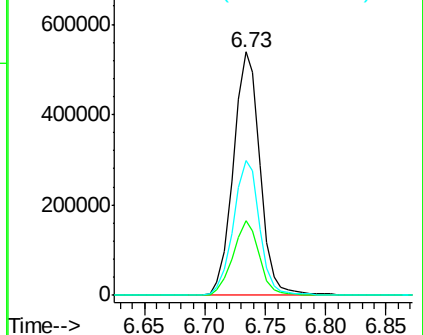
71 55.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014211.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014211.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014211.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014211.D

Acq: 09 Feb 2018 11:46

Tgt Ion: 136 Resp: 299522

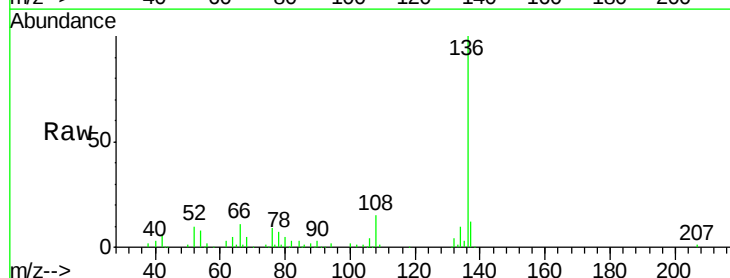
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 8.2 4.6 6.8#

68 4.5 3.7 5.5

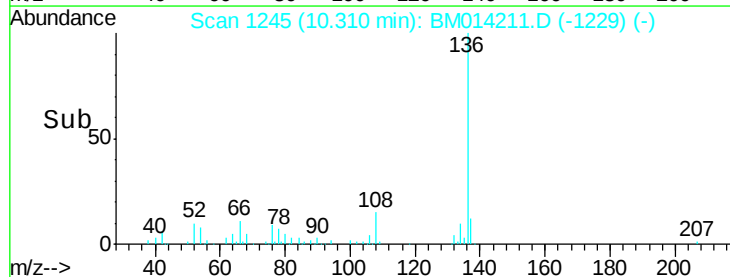
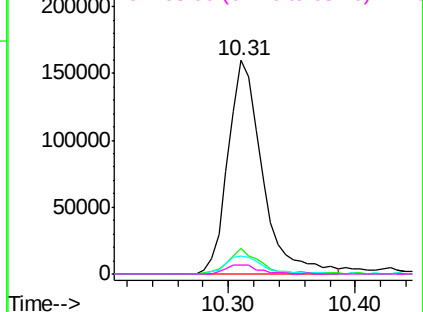


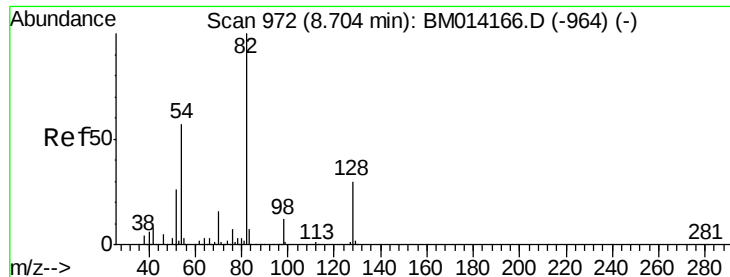
Abundance Ion 136.00 (135.70 to 136.70): BM014211.D (-1229) (-)

Ion 137.00 (136.70 to 137.70): BM014211.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014211.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014211.D (-1229) (-)

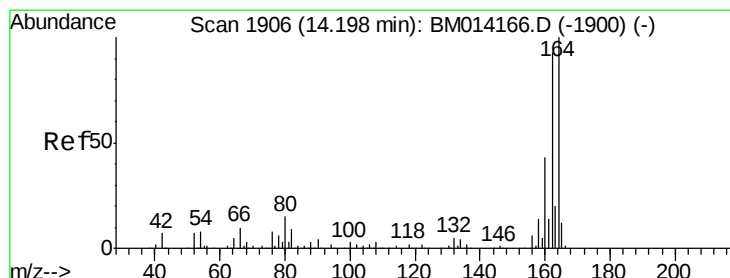
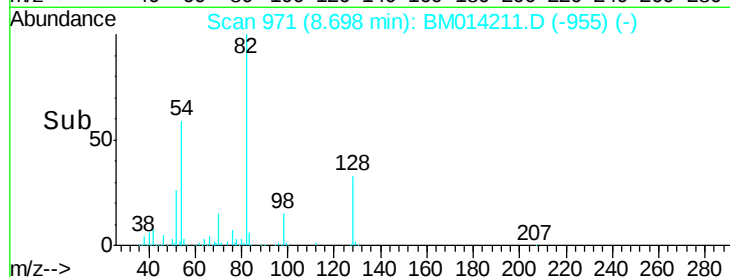
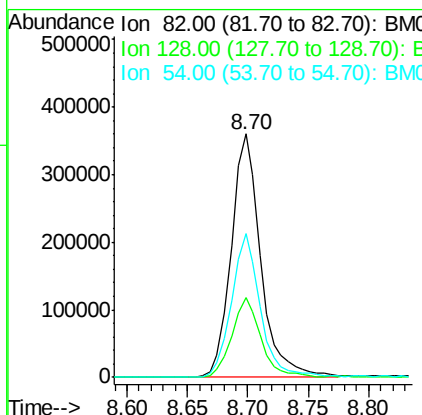
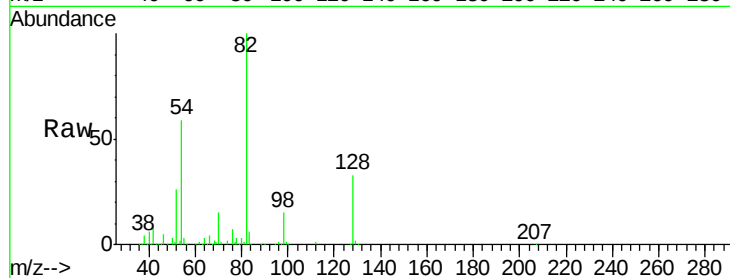




#23
Nitrobenzene-d5
Concen: 91.48 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014211.D
Acq: 09 Feb 2018 11:46

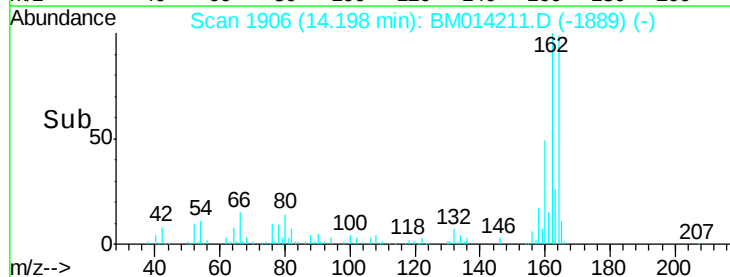
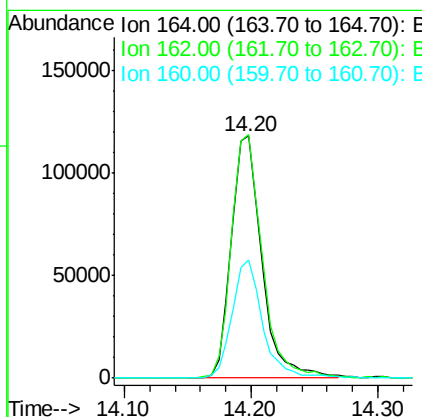
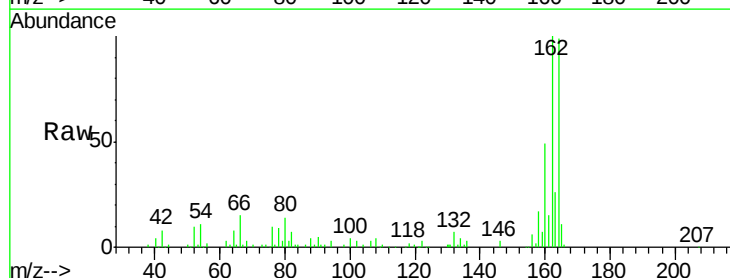
Instrument :
BNA_M
ClientSampleId :

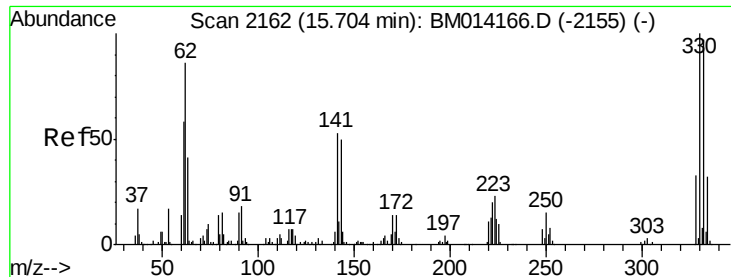
Tot Ion	82	Resp	613428
Ion Ratio	Lower	Upper	
82	100		
128	32.8	32.8	49.2
54	58.9	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014211.D
Acq: 09 Feb 2018 11:46

Tgt Ion	164	Resp	195554
Ion Ratio	Lower	Upper	
164	100		
162	100.6	82.4	123.6
160	48.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 106.88 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014211.D

Acq: 09 Feb 2018 11:46

Instrument :

BNA_M

ClientSampleId :

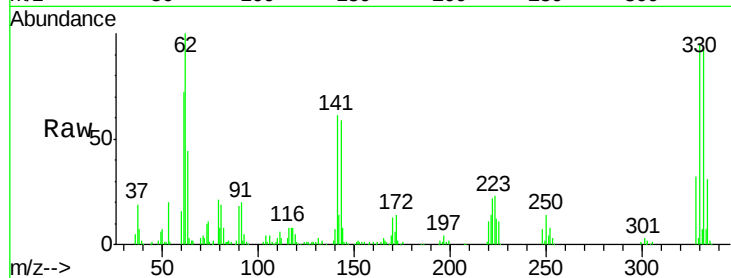
Tot Ion:330 Resp: 296589

Ion Ratio Lower Upper

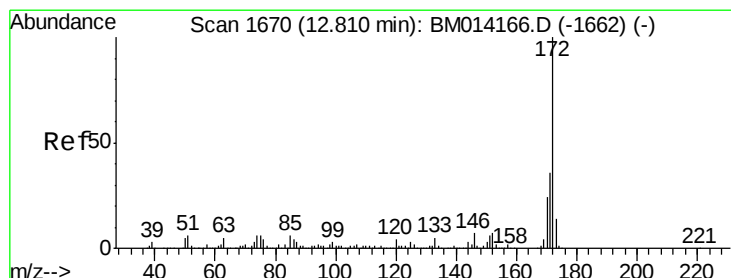
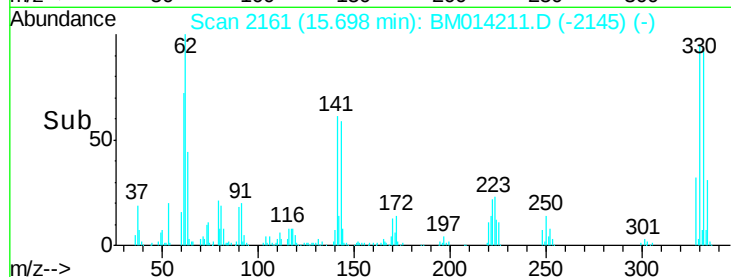
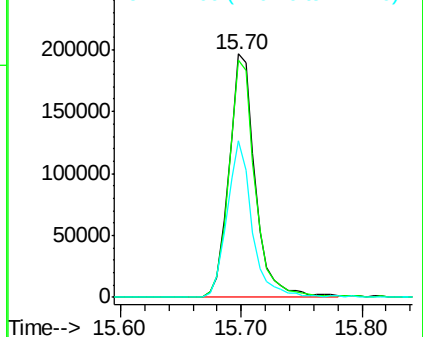
330 100

332 96.4 0.0 0.0#

141 61.3 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: 81.62 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM014211.D

Acq: 09 Feb 2018 11:46

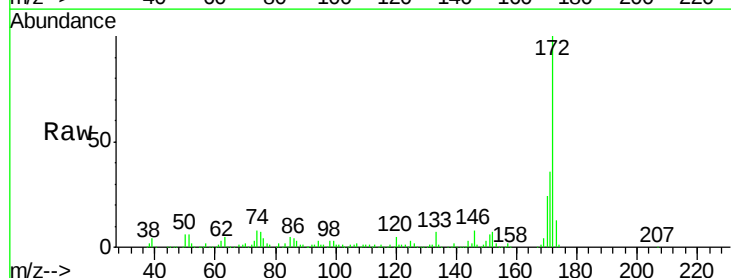
Tgt Ion:172 Resp: 1278656

Ion Ratio Lower Upper

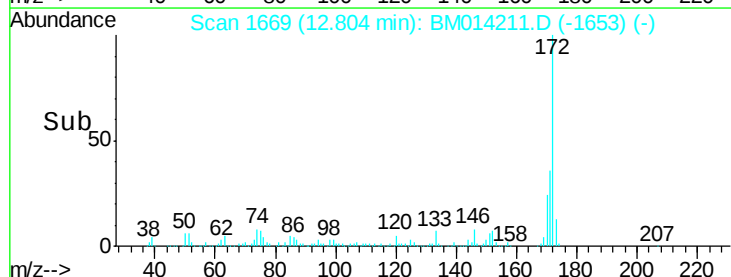
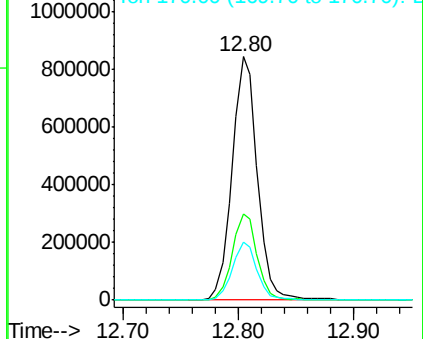
172 100

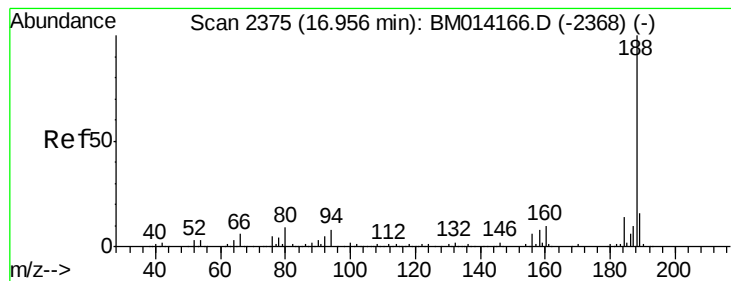
171 35.6 28.5 42.7

170 23.8 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: BM014211.D

Acq: 09 Feb 2018 11:46

Instrument :

BNA_M

ClientSampleId :

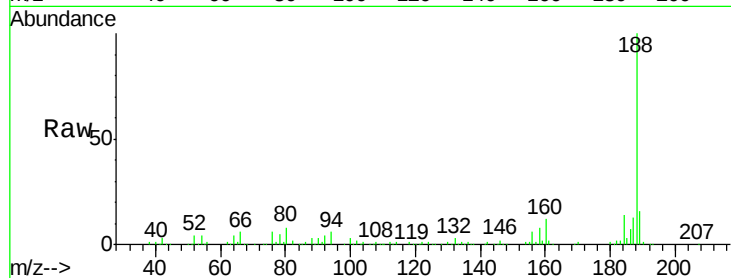
Tot Ion:188 Resp: 436825

Ion Ratio Lower Upper

188 100

94 5.6 8.7 13.1#

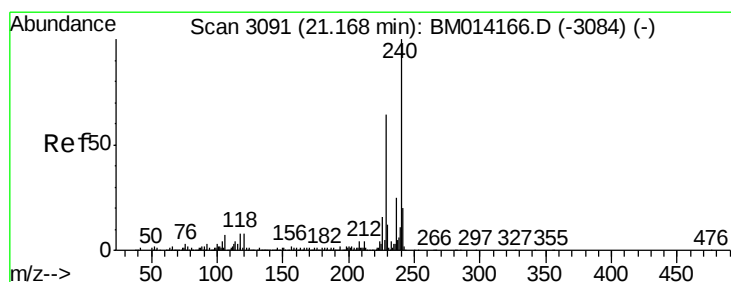
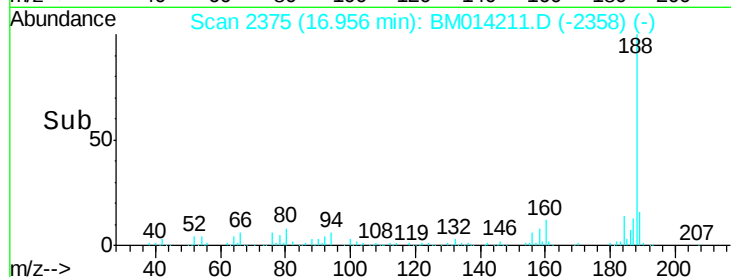
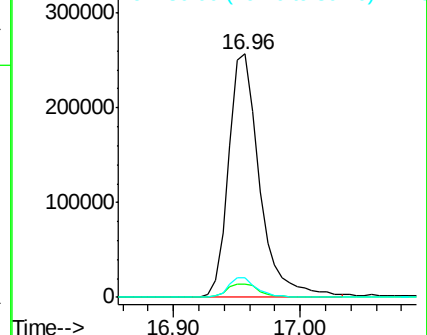
80 8.0 9.3 13.9#



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: BM014211.D

Acq: 09 Feb 2018 11:46

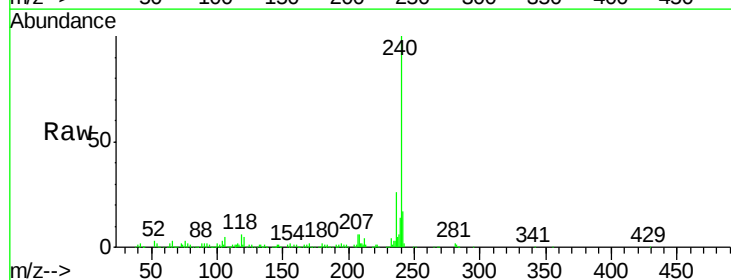
Tgt Ion:240 Resp: 419982

Ion Ratio Lower Upper

240 100

120 5.2 8.2 12.2#

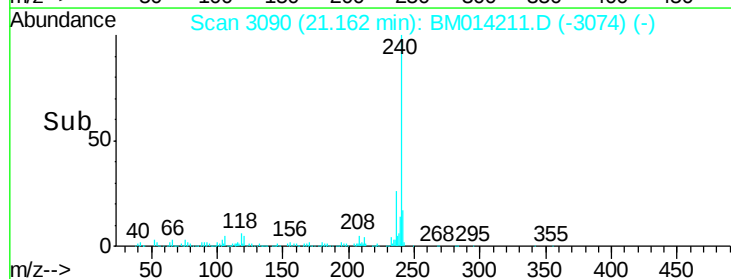
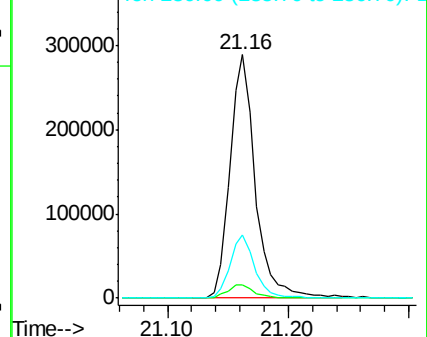
236 25.7 20.0 30.0

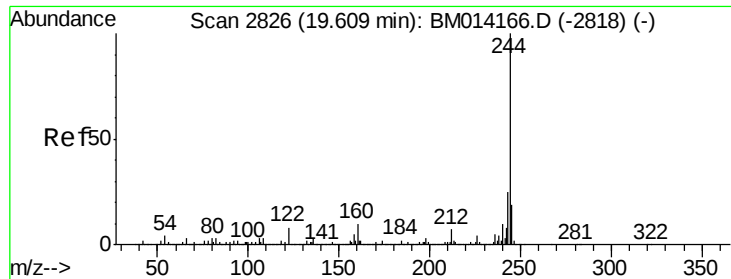


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

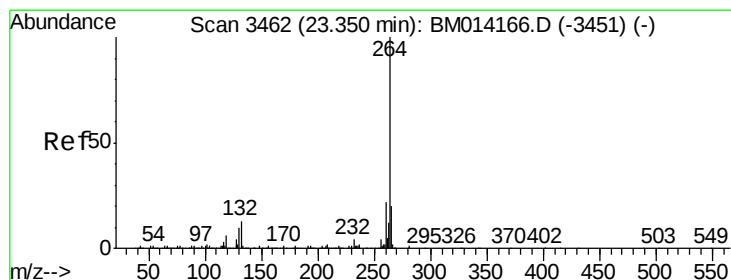
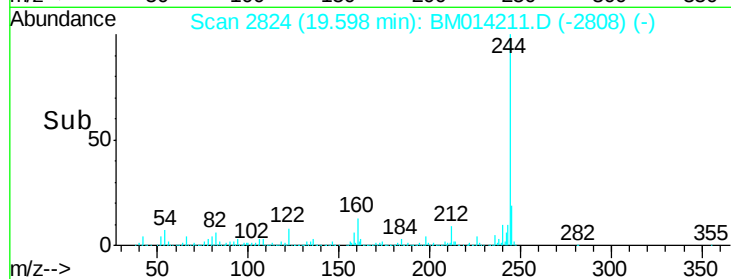
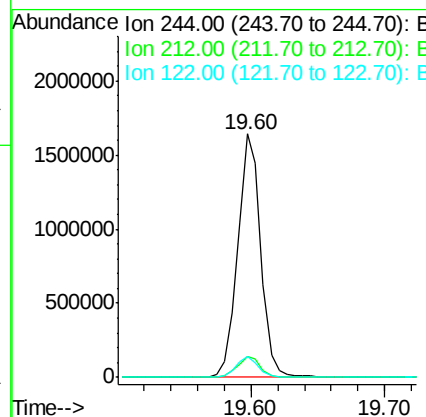
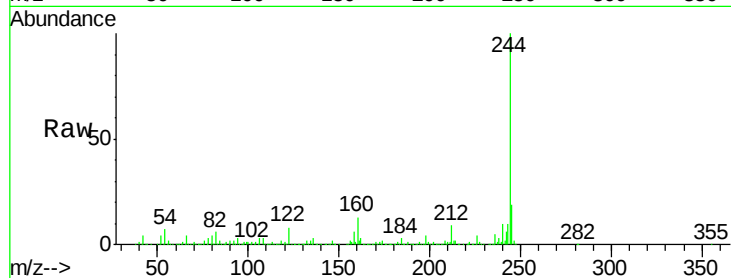




#78
 Terphenyl-d14
 Concen: 91.86 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM014211.D
 Acq: 09 Feb 2018 11:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1974365
 Ion Ratio Lower Upper
 244 100
 212 8.6 4.9 7.3#
 122 8.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM014211.D
 Acq: 09 Feb 2018 11:46

Tgt Ion:264 Resp: 384742
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 27.8
 265 21.8 17.3 25.9

