

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014162.D
 Acq On : 07 Feb 2018 15:25
 Operator : SJ/JU
 Sample : PB105903BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB105903BL

Quant Time: Feb 07 16:52:16 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 15:01:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	84515	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	316236	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	203564	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	420647	20.00	ng	0.00
75) Chrysene-d12	21.17	240	335736	20.00	ng	0.00
86) Perylene-d12	23.34	264	282027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	740759	152.77	ng	0.00
7) Phenol-d6	6.74	99	989798	144.13	ng	0.00
23) Nitrobenzene-d5	8.70	82	702598	99.24	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	343600	118.95	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1517259	93.04	ng	0.00
78) Terphenyl-d14	19.60	244	1944070	113.14	ng	0.00

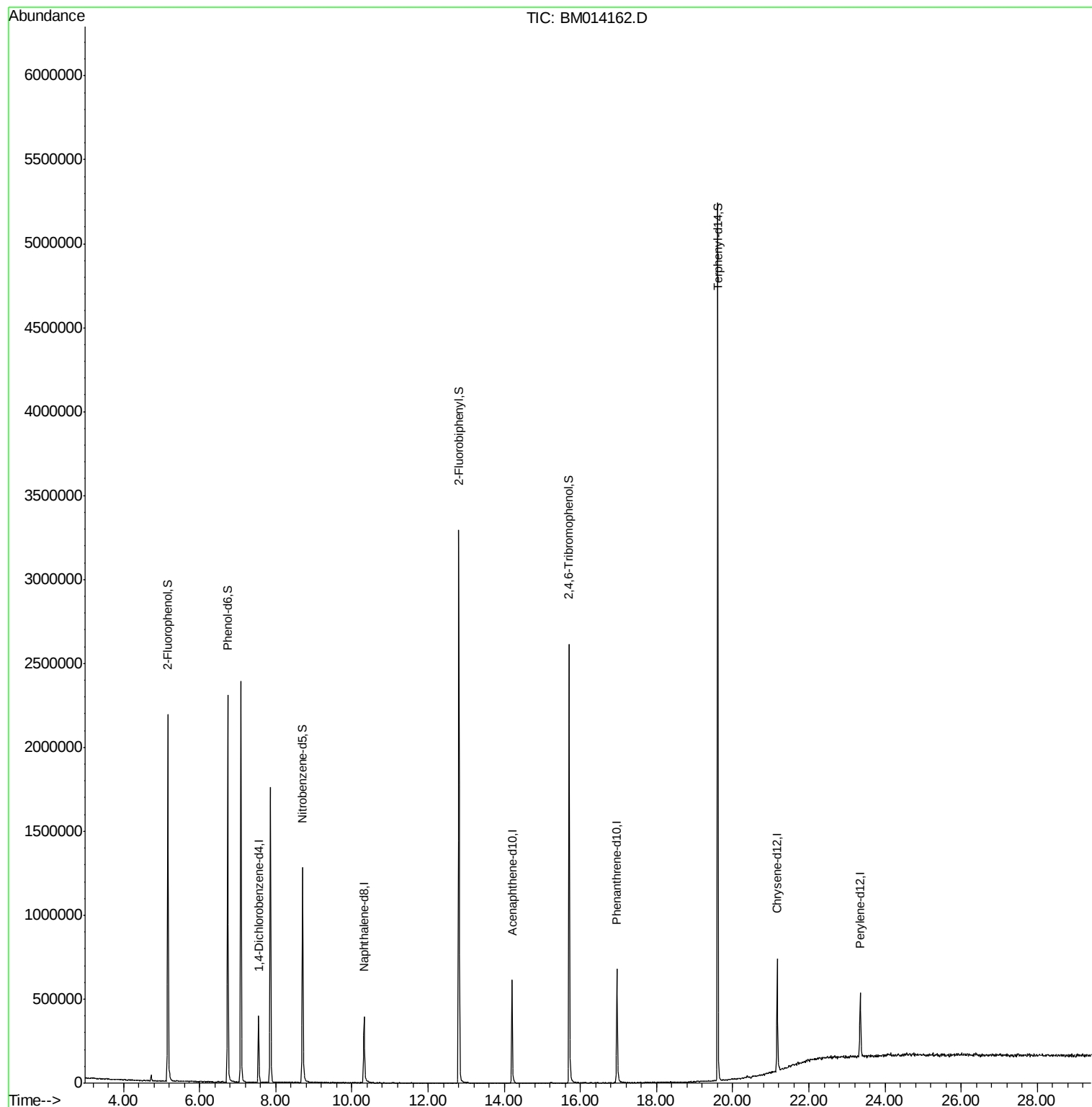
Target Compounds	Qvalue
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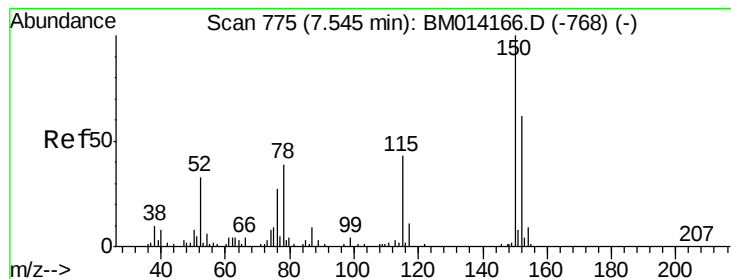
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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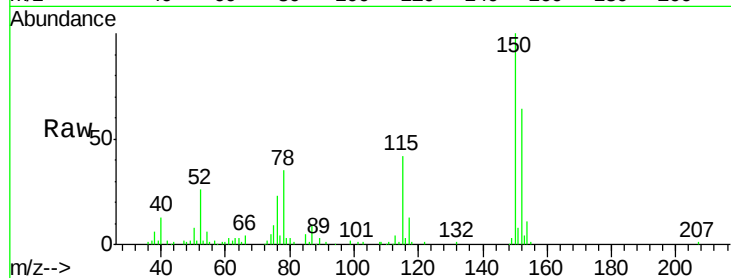


#1

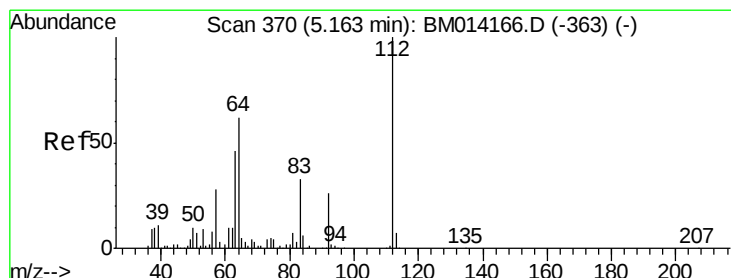
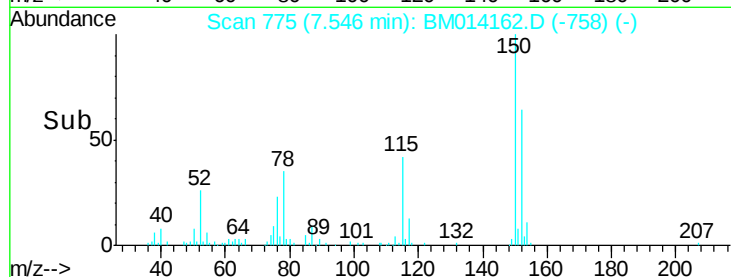
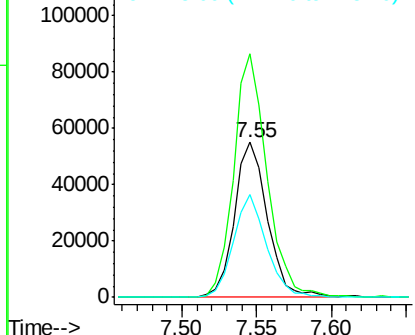
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Instrument :
BNA_M
ClientSampleId :
PB105903BL

Tgt Ion:152 Resp: 84515
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 66.4 43.0 64.4#



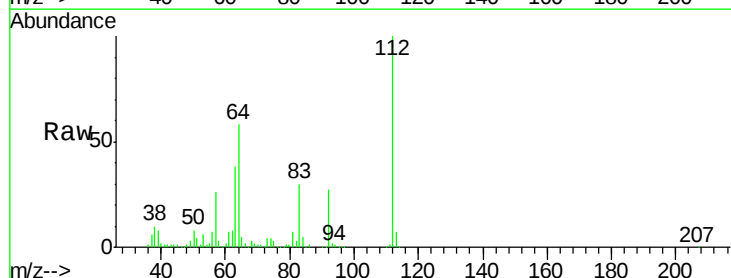
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



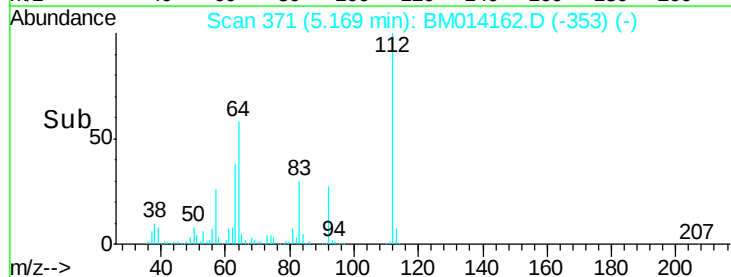
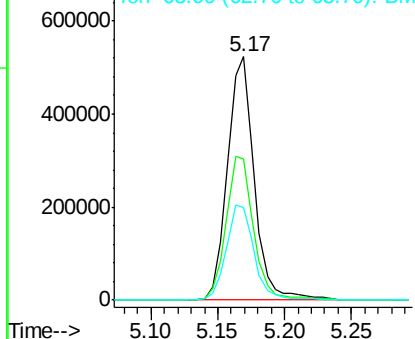
#5

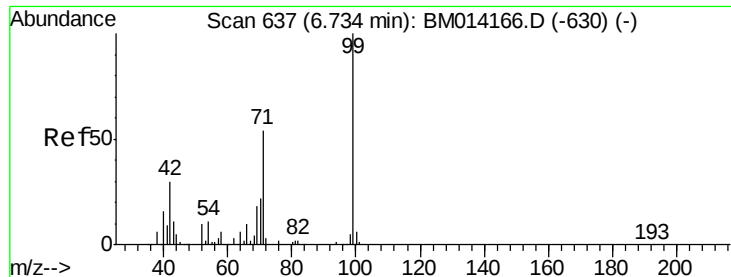
2-Fluorophenol
Concen: 152.77 ng
RT: 5.17 min Scan# 371
Delta R.T. 0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:112 Resp: 740759
Ion Ratio Lower Upper
112 100
64 57.8 38.6 57.8
63 37.9 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: 144.13 ng

RT: 6.74 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM014162.D

Acq: 07 Feb 2018 15:25

Instrument :

BNA_M

ClientSampleId :

PB105903BL

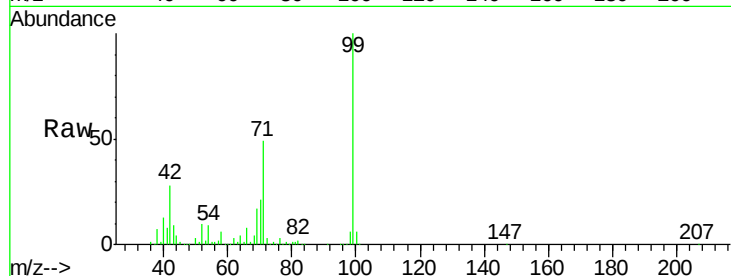
Tgt Ion: 99 Resp: 989798

Ion Ratio Lower Upper

99 100

42 28.0 11.0 16.4#

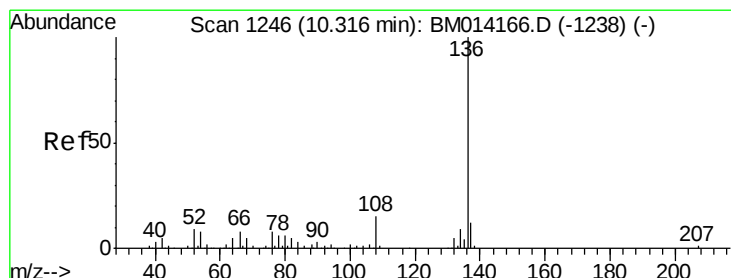
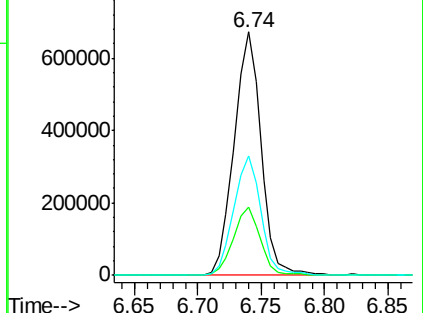
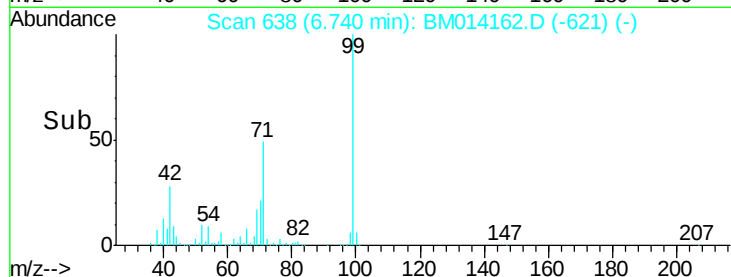
71 49.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014162.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014162.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014162.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1247

Delta R.T. 0.01 min

Lab File: BM014162.D

Acq: 07 Feb 2018 15:25

Tgt Ion: 136 Resp: 316236

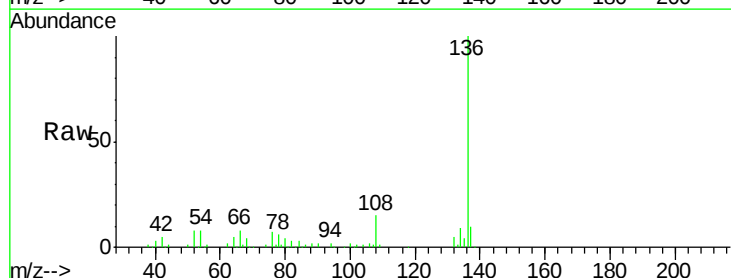
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 7.7 4.6 6.8#

68 4.2 3.7 5.5

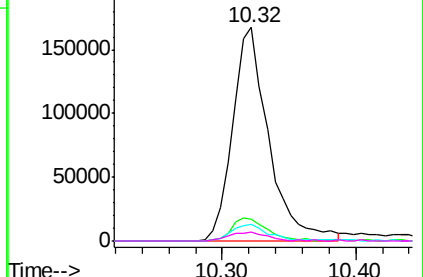
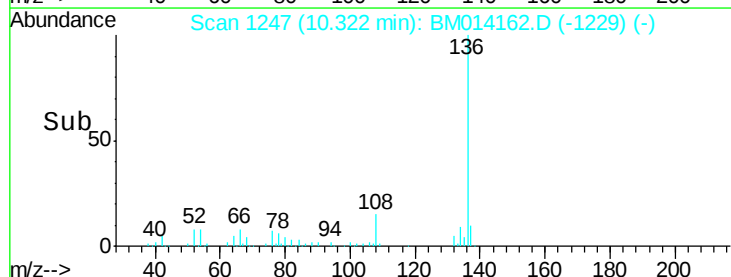


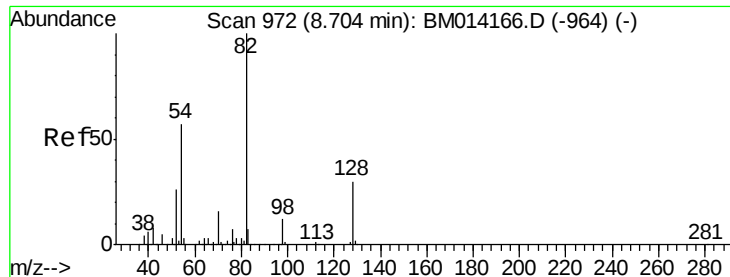
Abundance Ion 136.00 (135.70 to 136.70): BM014162.D (-1229) (-)

Ion 137.00 (136.70 to 137.70): BM014162.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014162.D (-1229) (-)

Ion 68.00 (67.70 to 68.70): BM014162.D (-1229) (-)

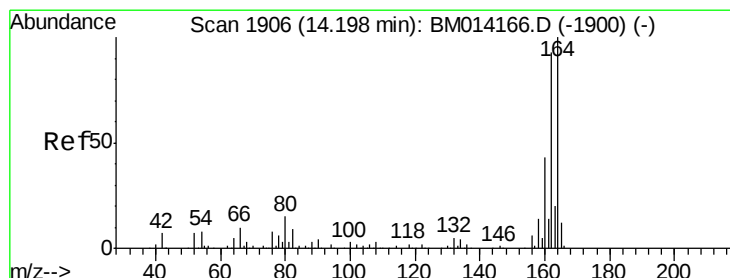
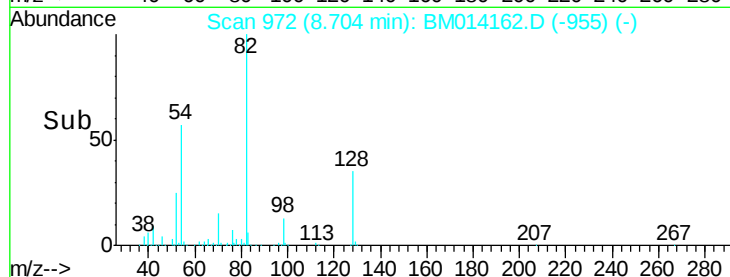
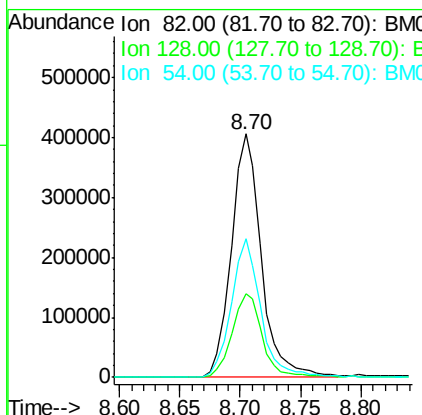
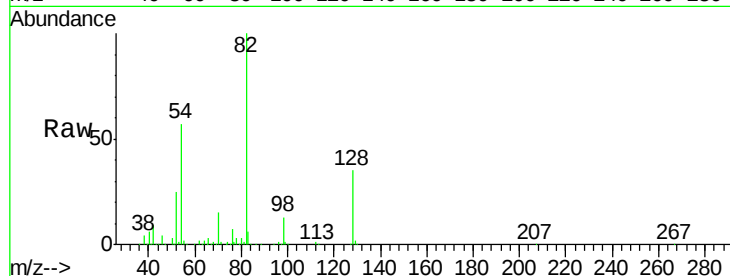




#23
 Nitrobenzene-d5
 Concen: 99.24 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM014162.D
 Acq: 07 Feb 2018 15:25

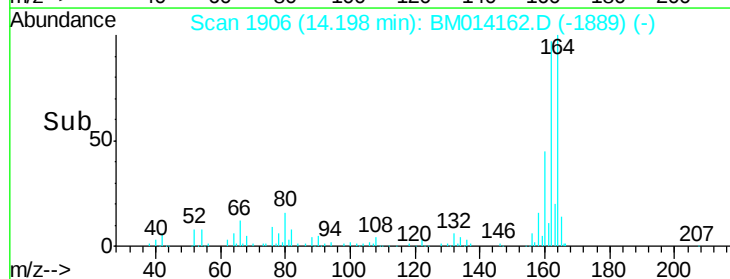
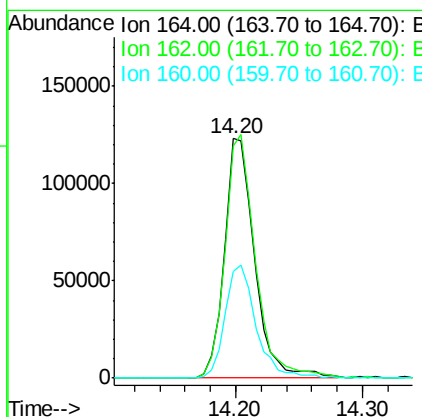
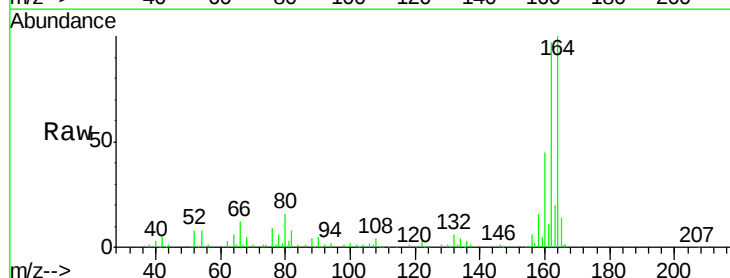
Instrument :
 BNA_M
 ClientSampleId :
 PB105903BL

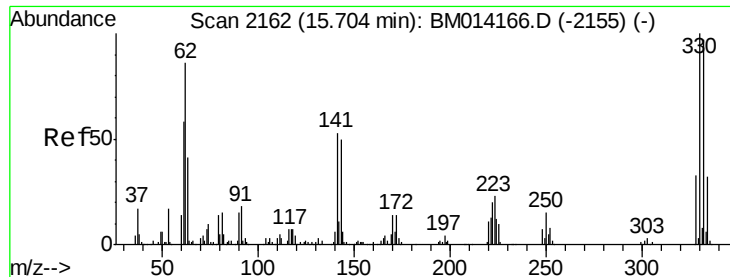
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	56.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM014162.D
 Acq: 07 Feb 2018 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	82.4	123.6
160	44.5	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 118.95 ng

RT: 15.70 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BM014162.D

Acq: 07 Feb 2018 15:25

Instrument :

BNA_M

ClientSampleId :

PB105903BL

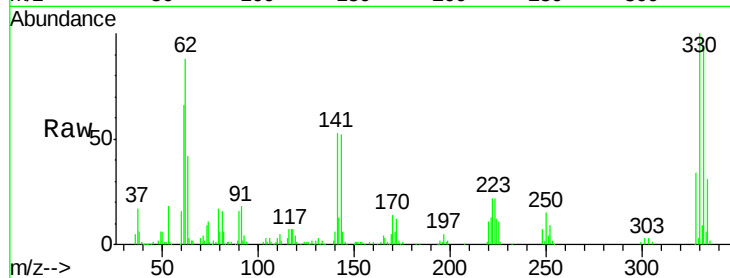
Tgt Ion:330 Resp: 343600

Ion Ratio Lower Upper

330 100

332 98.0 0.0 0.0#

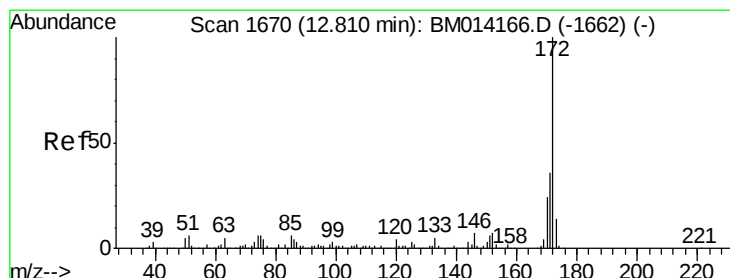
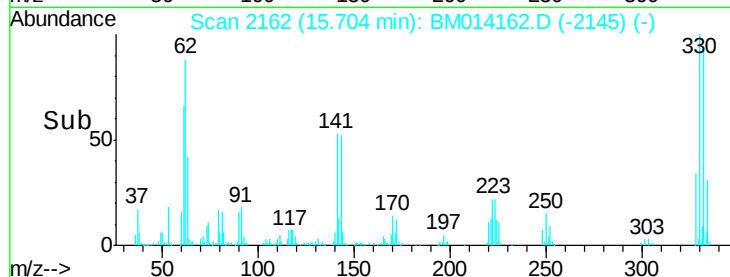
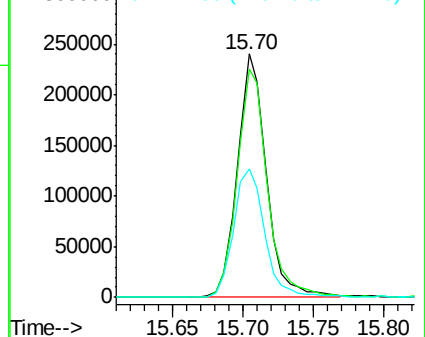
141 56.5 0.0 0.0#



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: 93.04 ng

RT: 12.81 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM014162.D

Acq: 07 Feb 2018 15:25

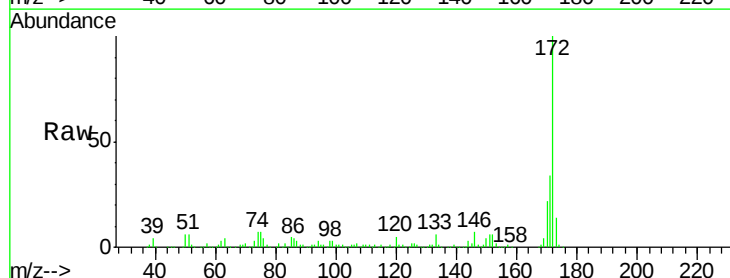
Tgt Ion:172 Resp: 1517259

Ion Ratio Lower Upper

172 100

171 34.3 28.5 42.7

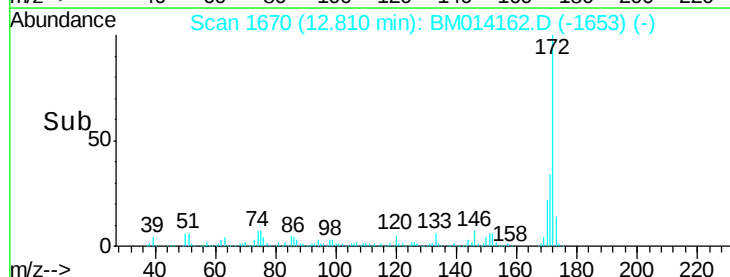
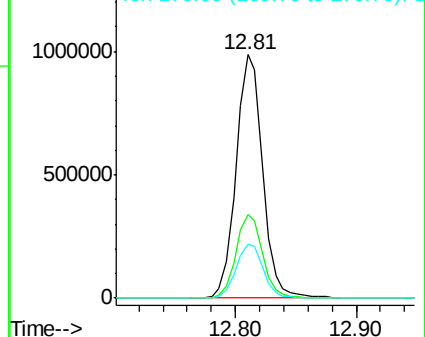
170 22.4 18.8 28.2

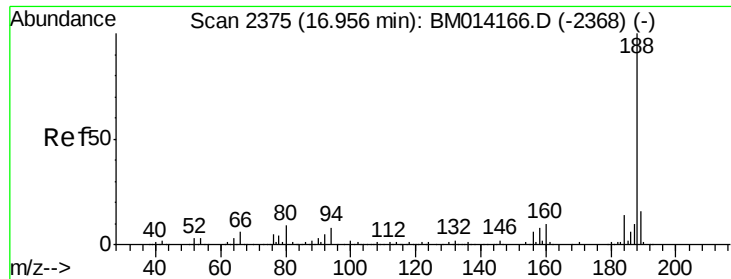


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

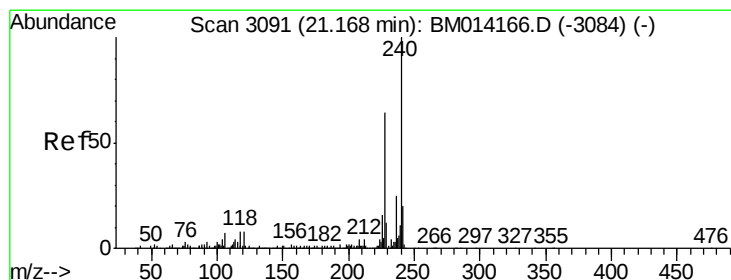
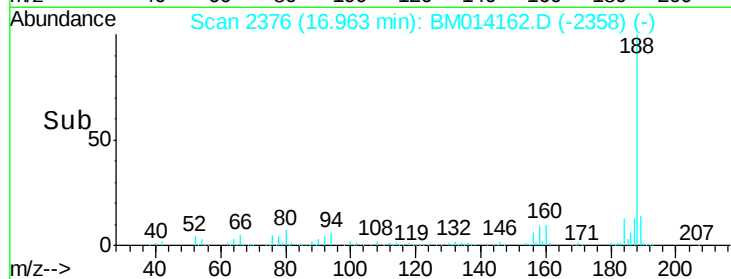
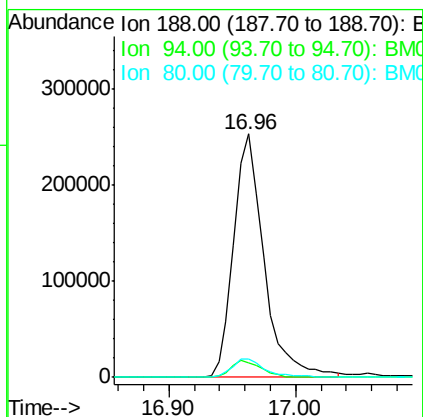
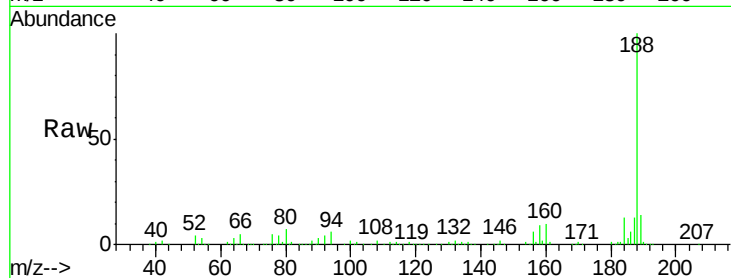




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

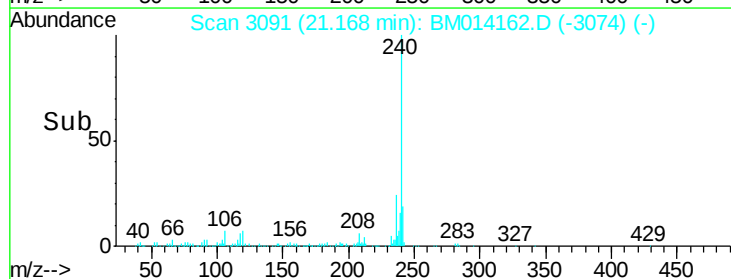
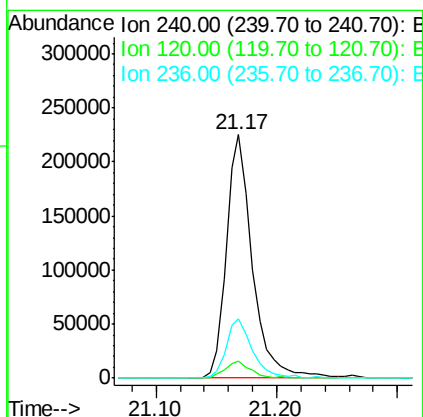
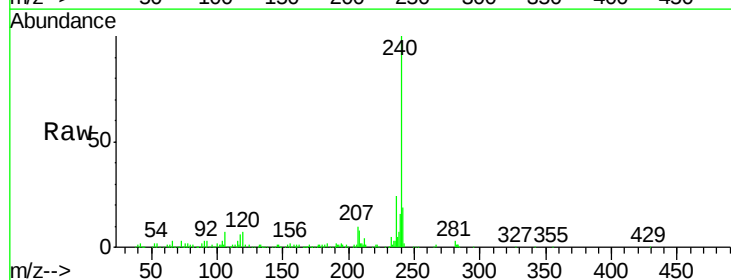
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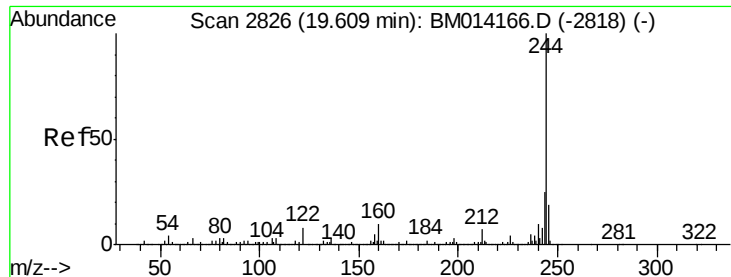
Tgt Ion:188 Resp: 420647
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 7.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM014162.D
Acq: 07 Feb 2018 15:25

Tgt Ion:240 Resp: 335736
Ion Ratio Lower Upper
240 100
120 6.7 8.2 12.2#
236 24.5 20.0 30.0





#78

Terphenyl-d14

Concen: 113.14 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM014162.D

Acq: 07 Feb 2018 15:25

Instrument :

BNA_M

ClientSampleId :

PB105903BL

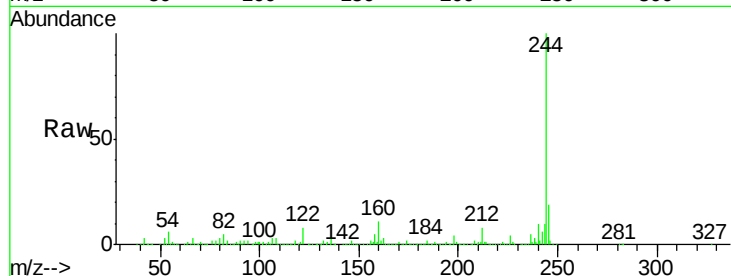
Tgt Ion:244 Resp: 1944070

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

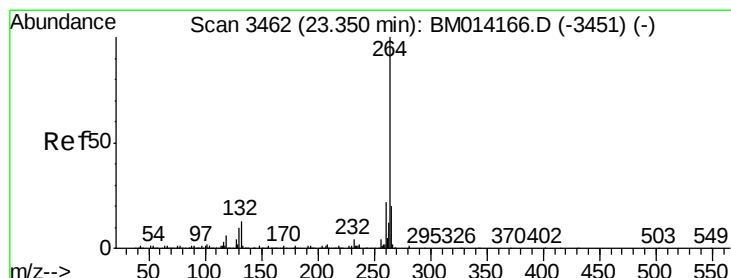
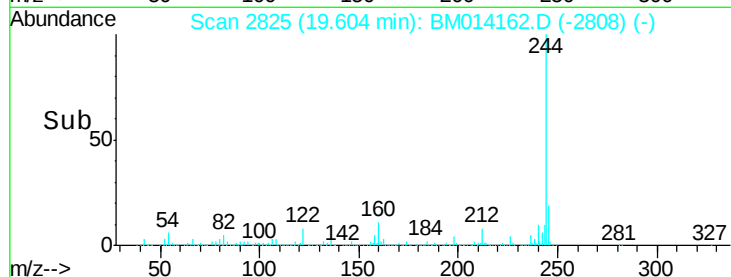
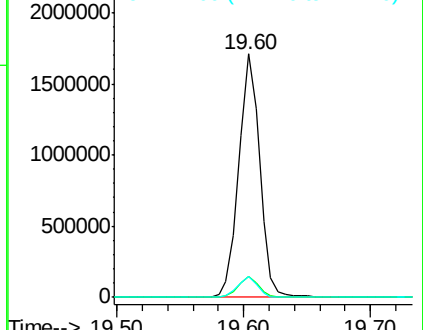
122 8.3 6.2 9.4



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: 23.34 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM014162.D

Acq: 07 Feb 2018 15:25

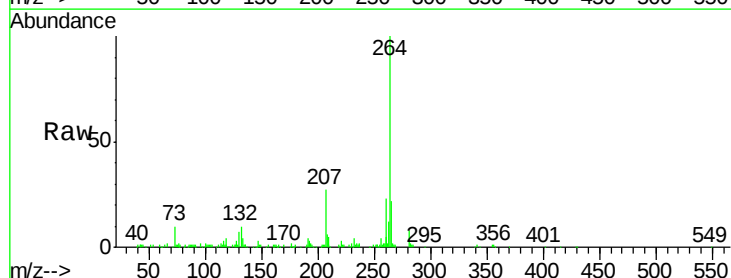
Tgt Ion:264 Resp: 282027

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 22.1 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

