

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011220.D
 Acq On : 12 Aug 2017 15:33
 Operator : SJ/JU
 Sample : I4683-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Quant Time: Aug 14 04:27:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	97927	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	324117	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	197925	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	510092	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	749543	20.00	ng	-0.08
86) Perylene-d12	23.02	264	438002	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	875927	151.20	ng	-0.09
7) Phenol-d6	6.50	99	1093936	132.91	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1159752	134.30	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	489669	154.36	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	1835937	116.33	ng	-0.09
78) Terphenyl-d14	19.39	244	3264500	86.27	ng	-0.08

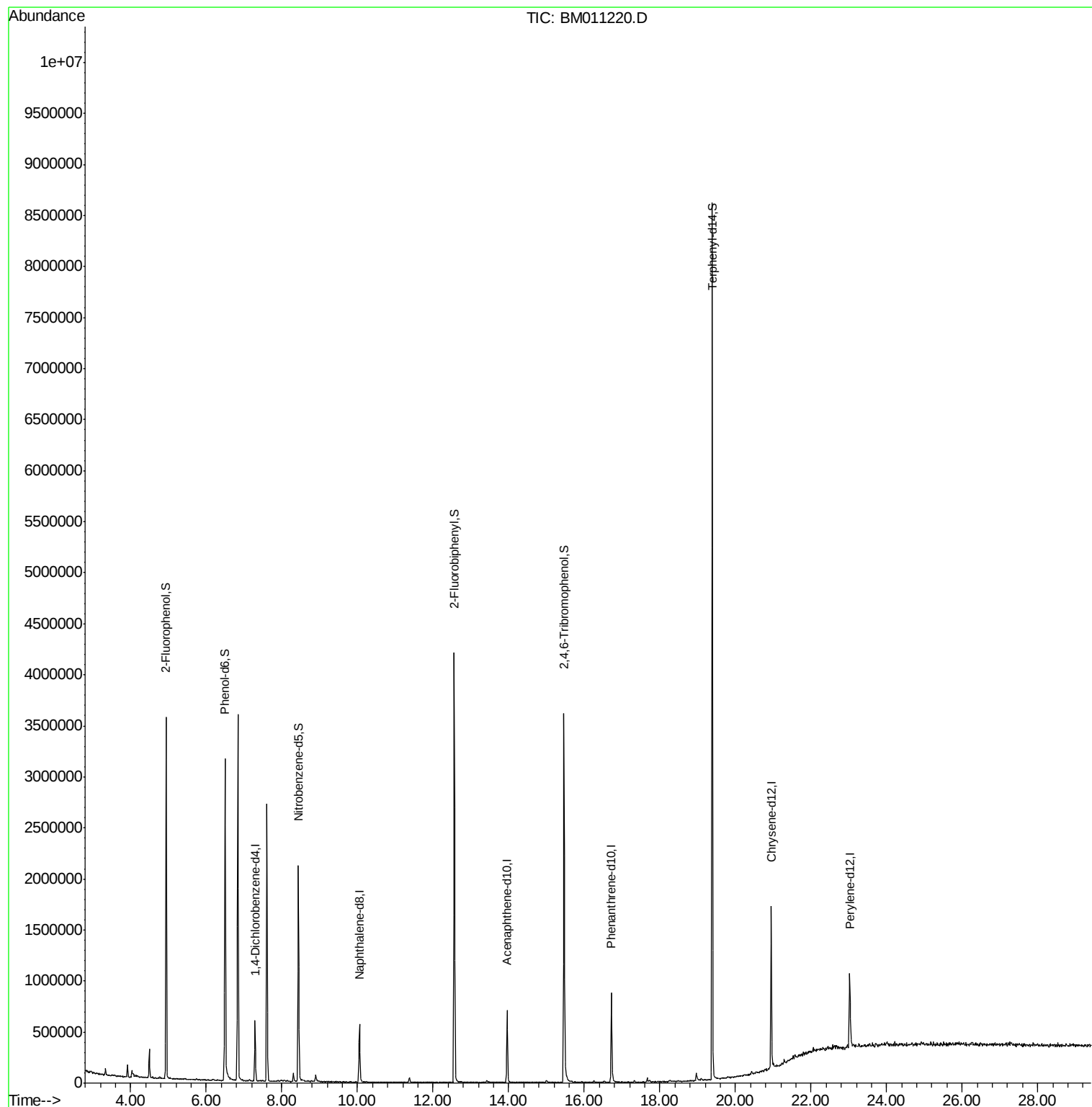
Target Compounds Qvalue

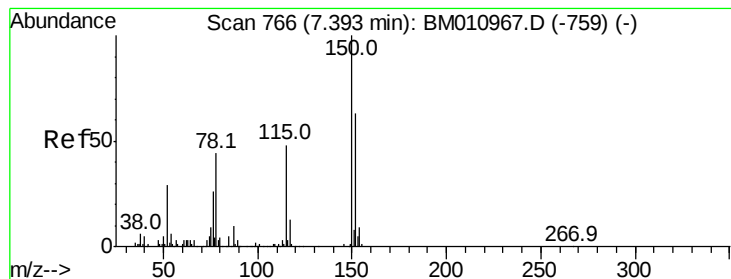
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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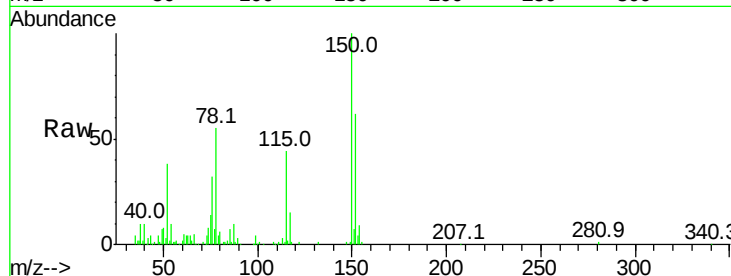


#1

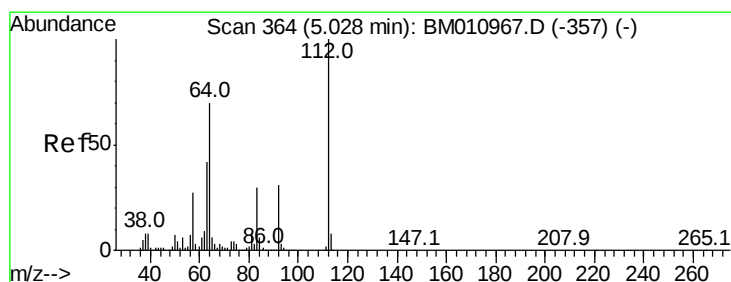
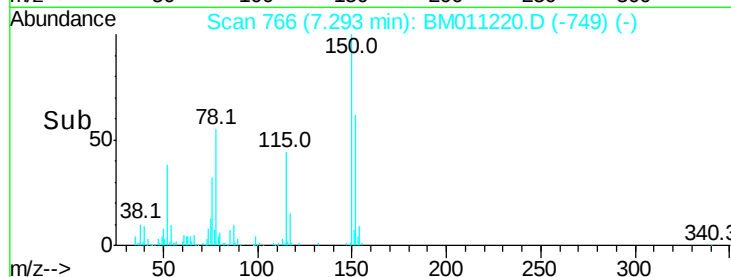
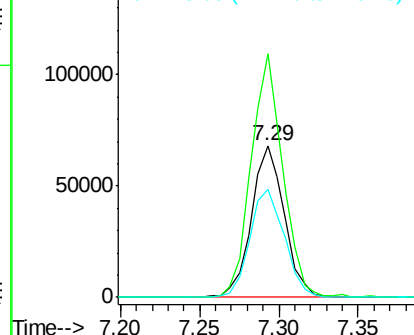
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011220.D
Acq: 12 Aug 2017 15:33

Instrument :
BNA_M
ClientSampleId :
CAPTAINSCOPE-WC-001

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	119.5	179.3
115	71.3	43.0	64.4



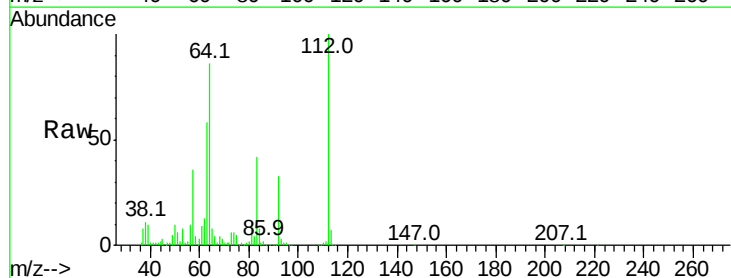
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



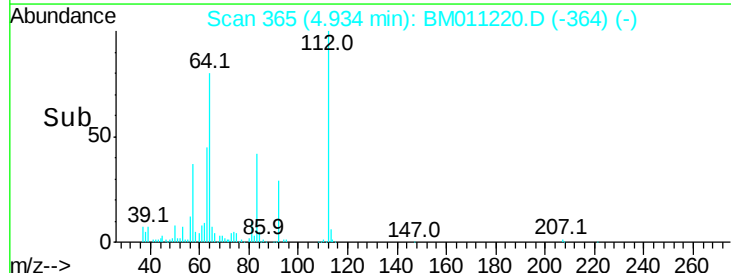
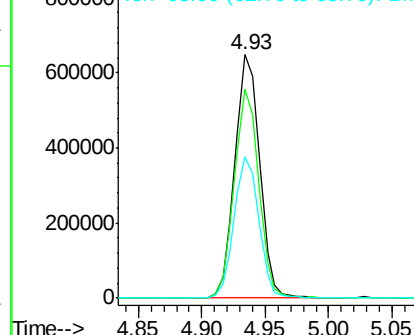
#5

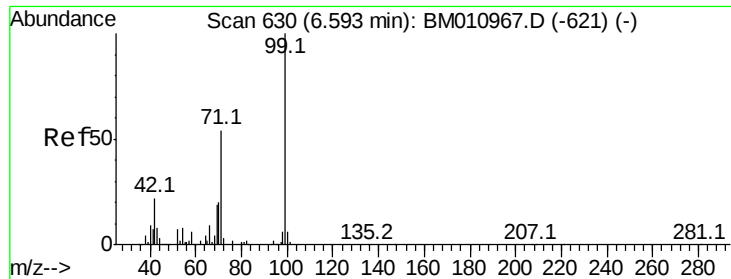
2-Fluorophenol
Concen: 151.205 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011220.D
Acq: 12 Aug 2017 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	86.1	38.6	57.8
63	57.8	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: 132.908 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011220.D

Acq: 12 Aug 2017 15:33

Instrument :

BNA_M

ClientSampleId :

CAPTAINSCOVE-WC-001

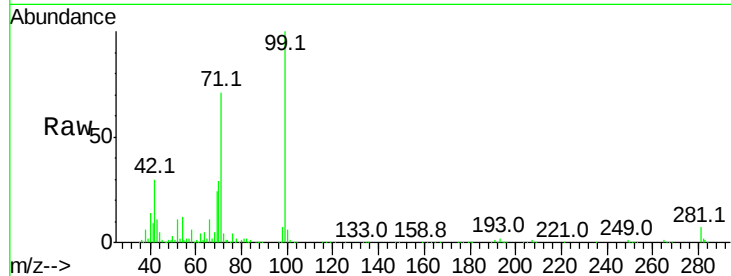
Tot Ion: 99 Resp: 1093936

Ion Ratio Lower Upper

99 100

42 29.6 11.0 16.4#

71 71.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011220.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011220.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011220.D (-630) (-)

6.50

800000

600000

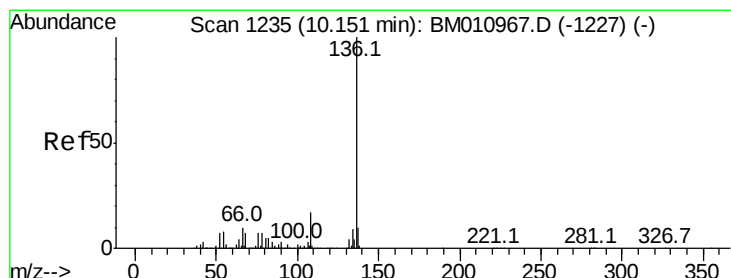
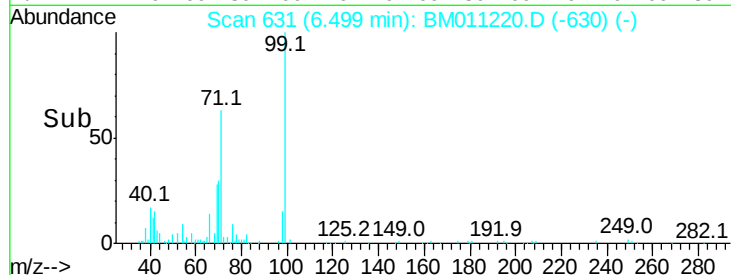
400000

200000

0

6.40 6.45 6.50 6.55 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011220.D

Acq: 12 Aug 2017 15:33

Tgt Ion: 136 Resp: 324117

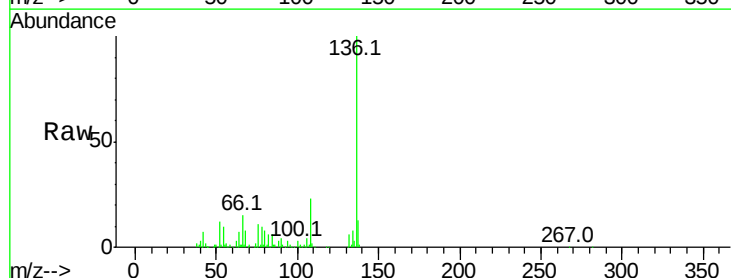
Ion Ratio Lower Upper

136 100

137 13.4 8.7 13.1#

54 10.3 4.6 6.8#

68 8.5 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011220.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011220.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011220.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011220.D (-1235) (-)

10.05

250000

200000

150000

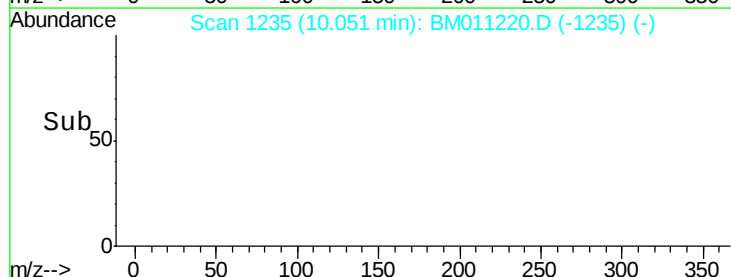
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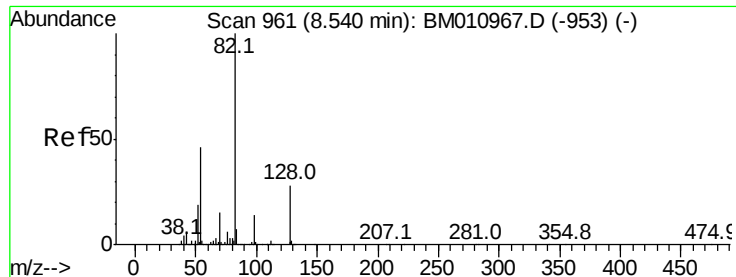
50000

0

10.00 10.05 10.10

Time-->





#23

Nitrobenzene-d5

Concen: 134.295 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011220.D

Acq: 12 Aug 2017 15:33

Instrument :

BNA_M

ClientSampleId :

CAPTAINSCOVE-WC-001

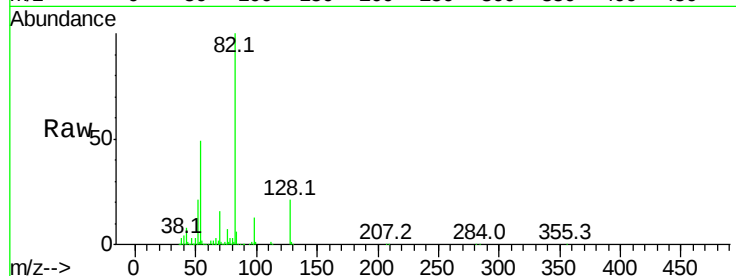
Tot Ion: 82 Resp: 1159752

Ion Ratio Lower Upper

82 100

128 21.4 32.8 49.2#

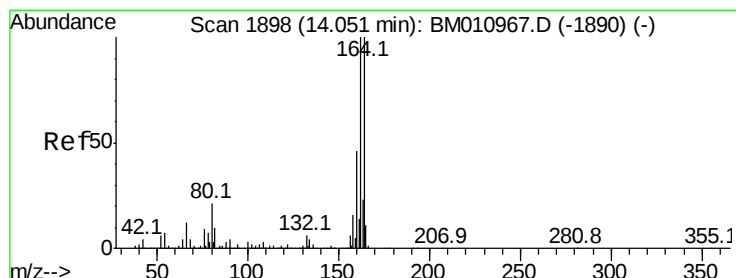
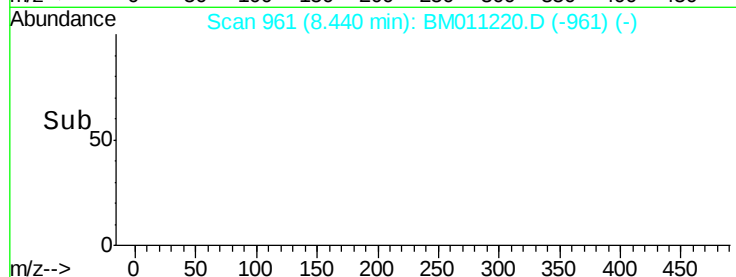
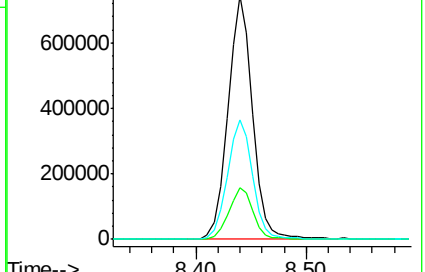
54 49.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011220.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011220.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011220.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011220.D

Acq: 12 Aug 2017 15:33

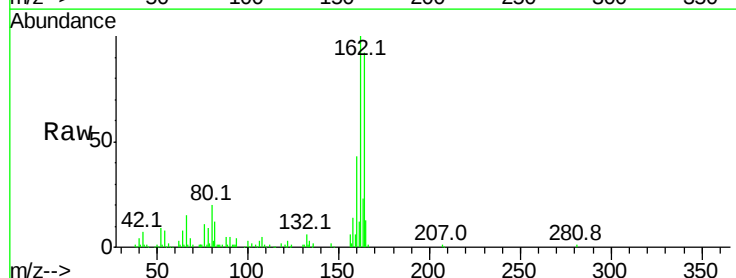
Tgt Ion:164 Resp: 197925

Ion Ratio Lower Upper

164 100

162 108.4 82.4 123.6

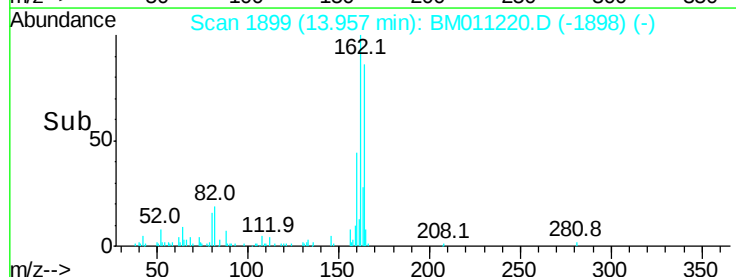
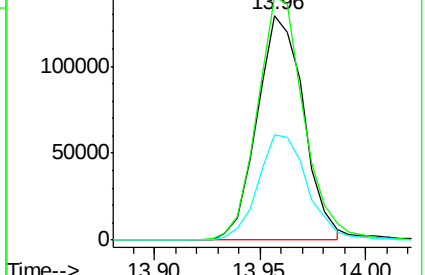
160 47.1 35.8 53.6

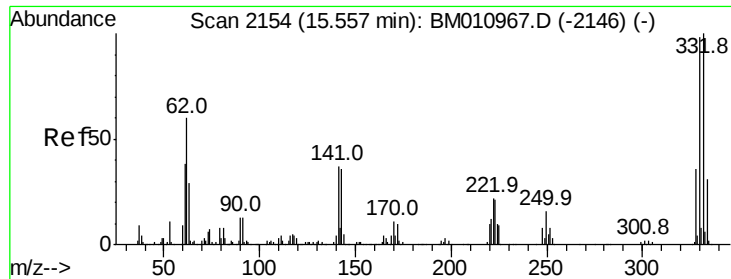


Abundance Ion 164.00 (163.70 to 164.70): BM011220.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011220.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011220.D (-1898) (-)

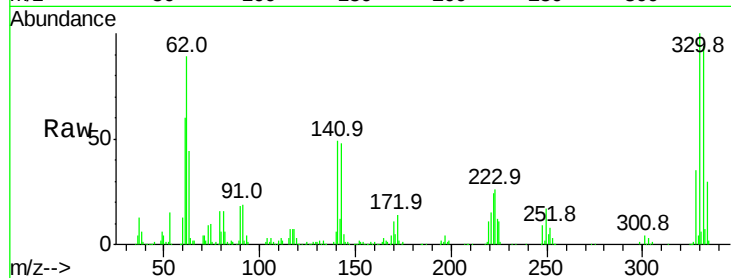




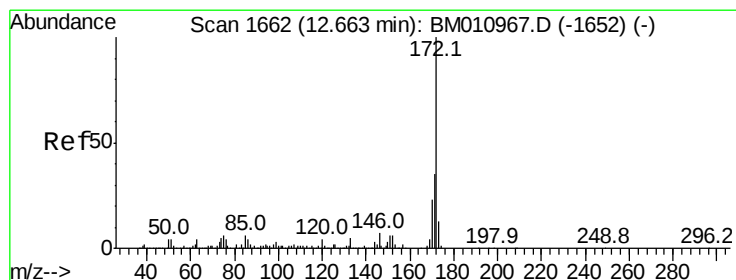
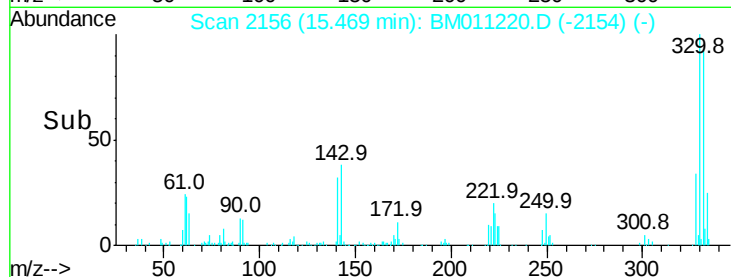
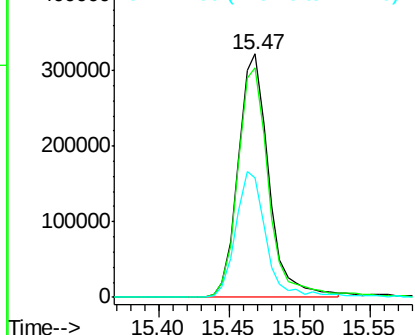
#41
 2,4,6-Tribromophenol
 Concen: 154.357 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011220.D
 Acq: 12 Aug 2017 15:33

Instrument :
 BNA_M
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Tot Ion:330 Resp: 489669
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 50.5 0.0 0.0#

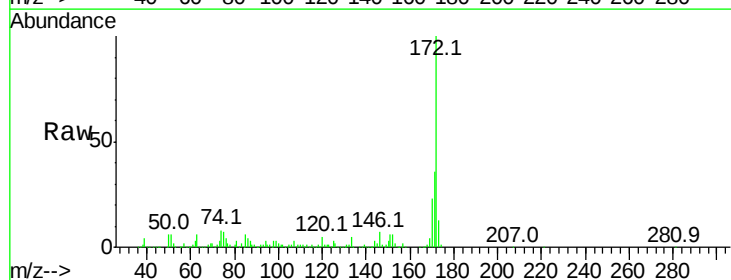


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

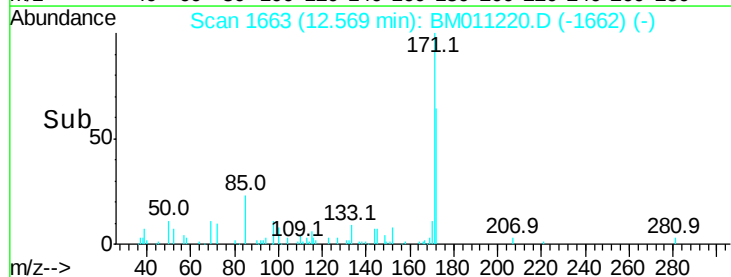
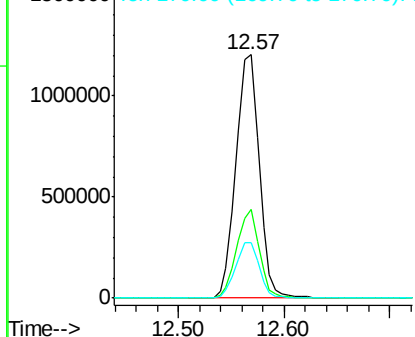


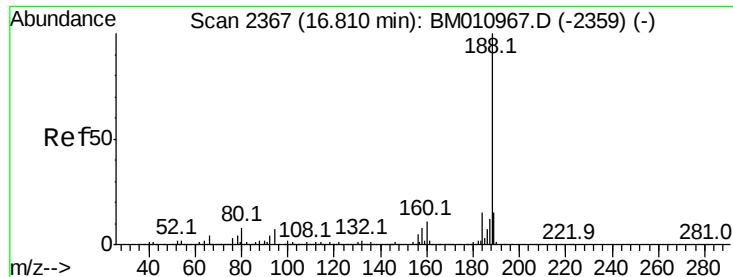
#44
 2-Fluorobiphenyl
 Concen: 116.333 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011220.D
 Acq: 12 Aug 2017 15:33

Tgt Ion:172 Resp: 1835937
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 22.9 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

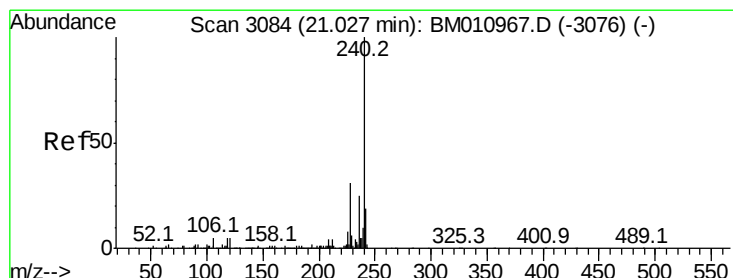
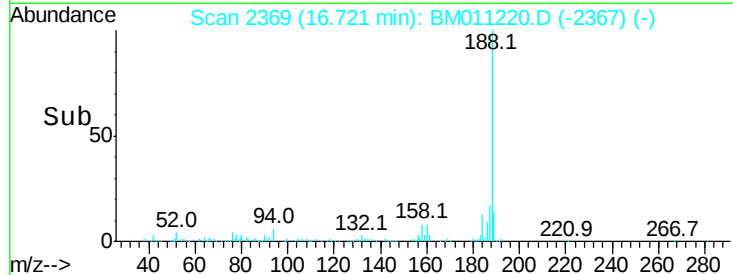
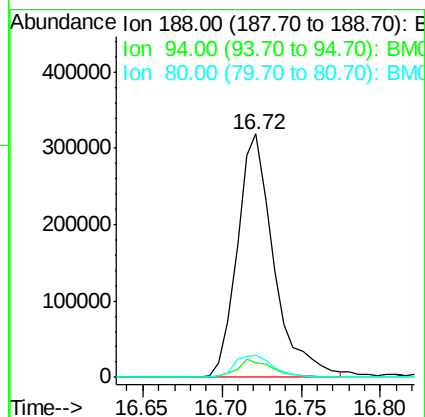
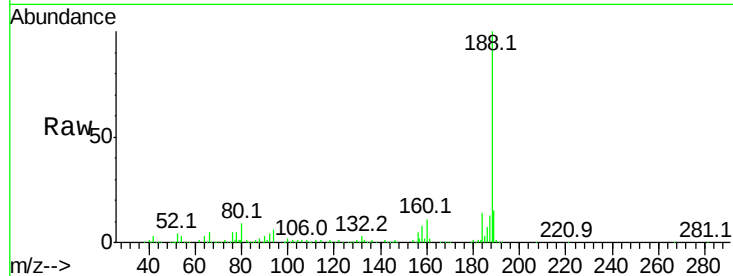




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011220.D
Acq: 12 Aug 2017 15:33

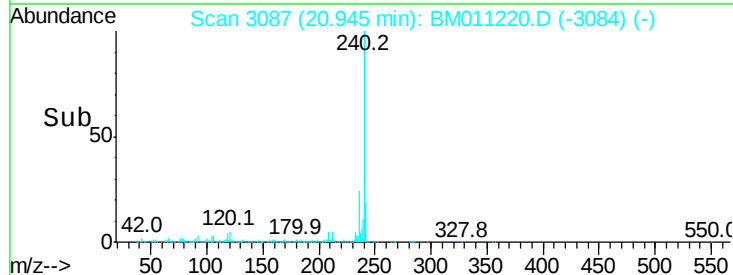
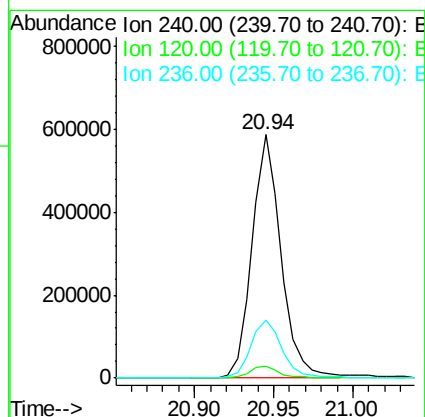
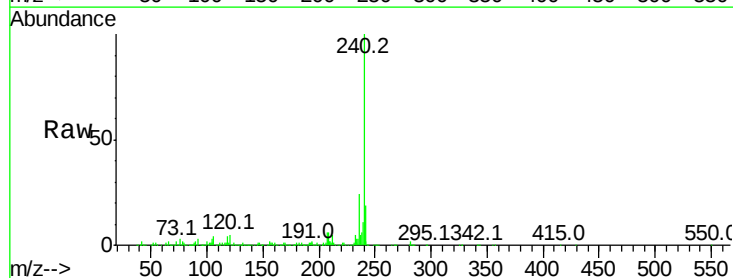
Instrument :
BNA_M
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CAPTAINSCOVE-WC-001

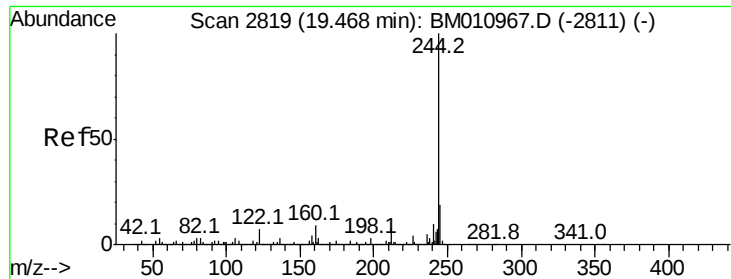
Tot Ion:188 Resp: 510092
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011220.D
Acq: 12 Aug 2017 15:33

Tgt Ion:240 Resp: 749543
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 24.0 20.0 30.0





#78

Terphenyl-d14

Concen: 86.273 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011220.D

Acq: 12 Aug 2017 15:33

Instrument :

BNA_M

ClientSampleId :

CAPTAINSCOVE-WC-001

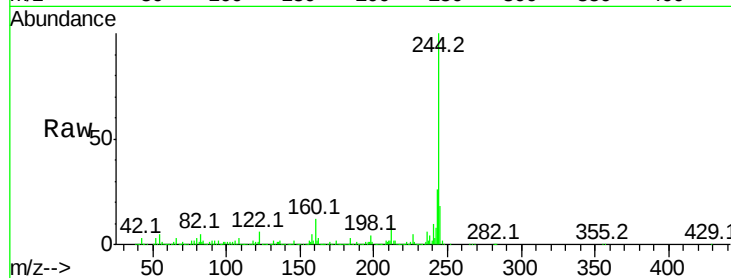
Tot Ion:244 Resp: 3264500

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

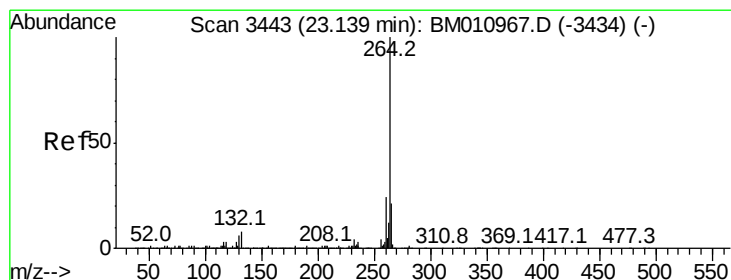
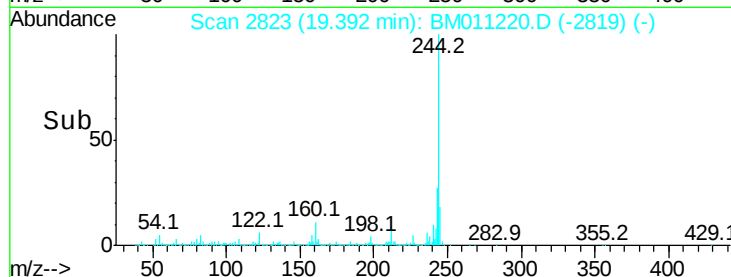
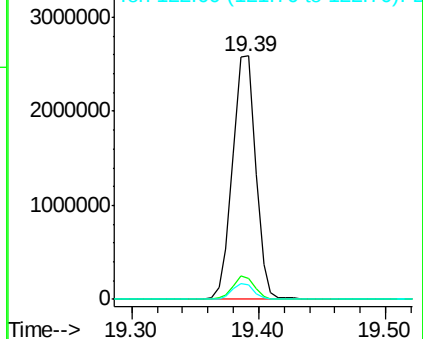
122 5.8 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011220.D

Acq: 12 Aug 2017 15:33

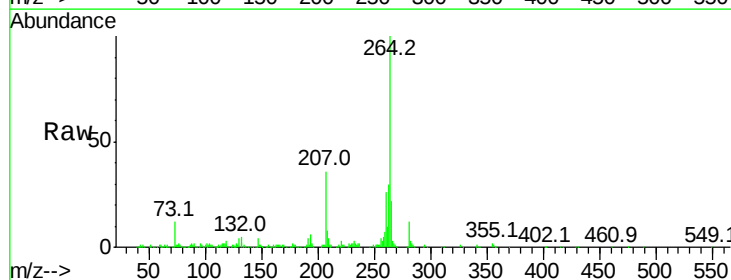
Tgt Ion:264 Resp: 438002

Ion Ratio Lower Upper

264 100

260 26.0 18.6 27.8

265 21.8 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

