

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016403.D
 Acq On : 16 Aug 2018 06:13
 Operator : SJ/JU
 Sample : J4458-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-92A

Quant Time: Aug 16 07:53:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

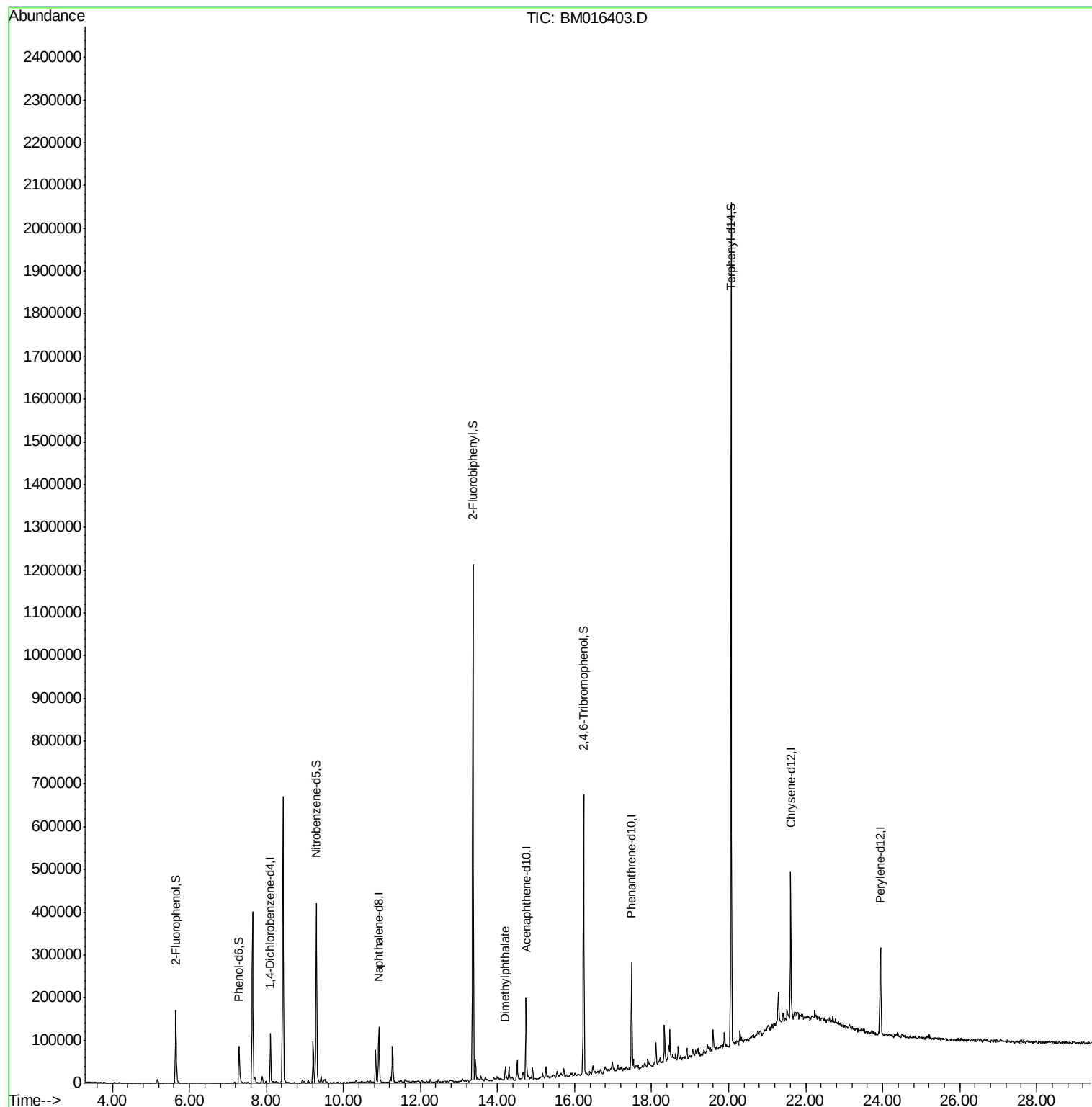
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	20399	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	79733	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	47721	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	108659	20.00	ng	-0.01
75) Chrysene-d12	21.61	240	121659	20.00	ng	0.00
86) Perylene-d12	23.94	264	119572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	54916	44.72	ng	0.00
7) Phenol-d6	7.29	99	35112	21.89	ng	0.00
23) Nitrobenzene-d5	9.30	82	192920	112.54	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	58321	96.36	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	424345	108.19	ng	-0.01
78) Terphenyl-d14	20.06	244	585499	100.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	17022	4.076	ng	Qvalue # 99

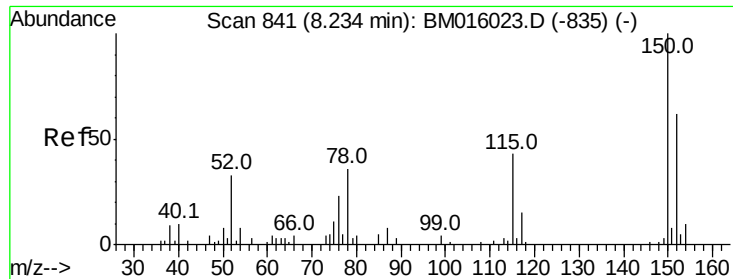
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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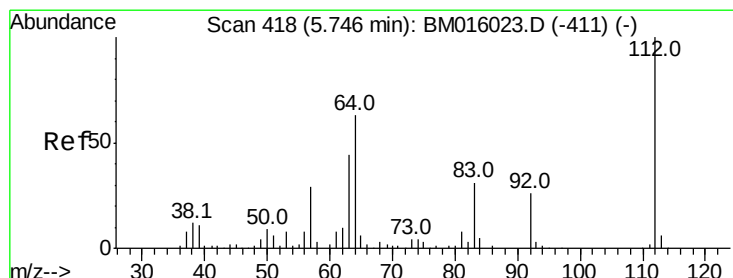
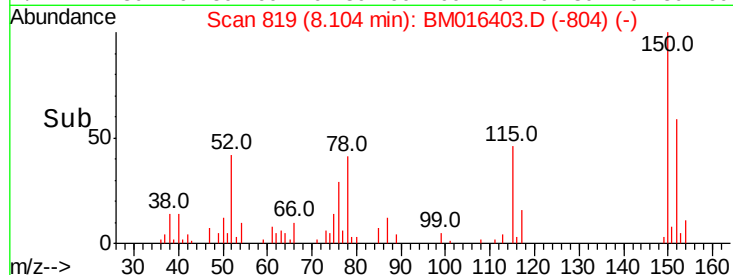
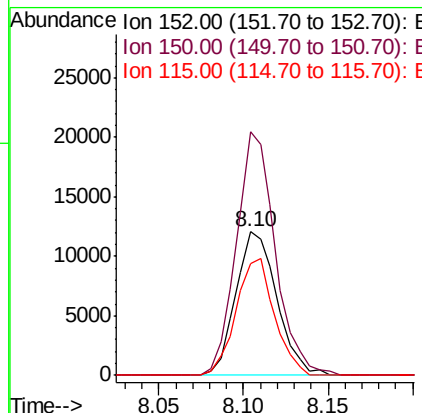
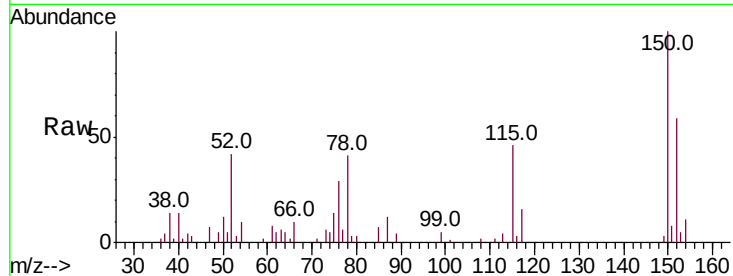


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BM016403.D
 Acq: 16 Aug 2018 06:13

Instrument :
 BNA_M
 ClientSampled :
 MH-92A

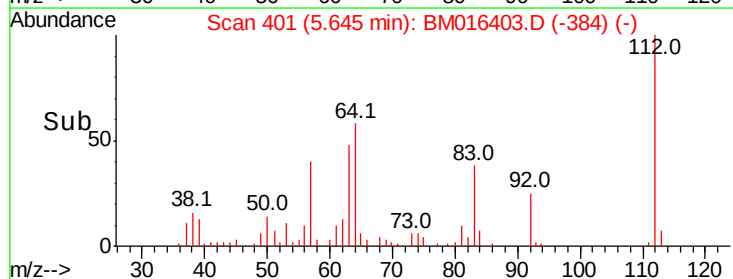
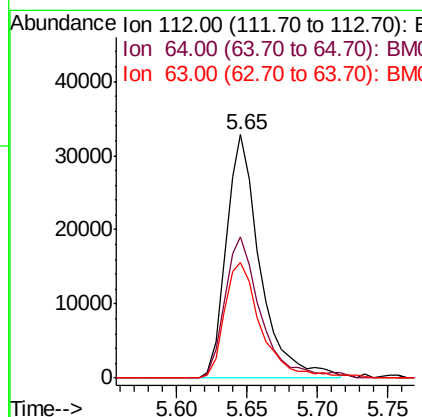
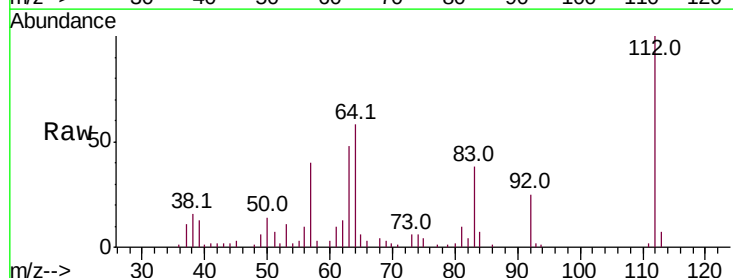
Tot Ion	Ratio	Lower	Upper
152	100		
150	169.4	119.5	179.3
115	77.7	43.0	64.4#

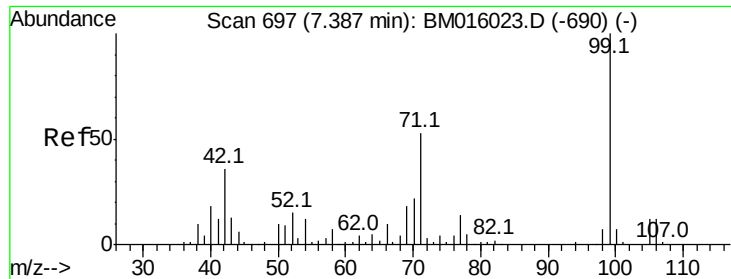


#5

2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BM016403.D
 Acq: 16 Aug 2018 06:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	38.6	57.8#
63	47.7	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM016403.D

Acq: 16 Aug 2018 06:13

Instrument :

BNA_M

ClientSampleId :

MH-92A

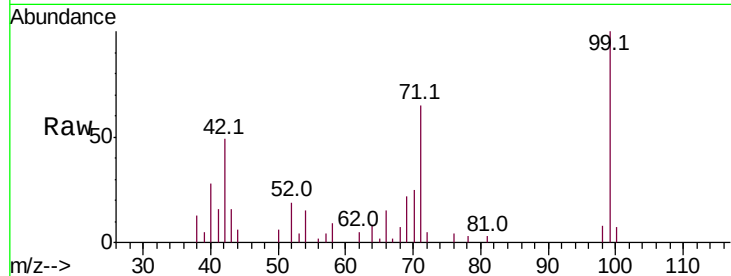
Tot Ion: 99 Resp: 35112

Ion Ratio Lower Upper

99 100

42 49.0 11.0 16.4#

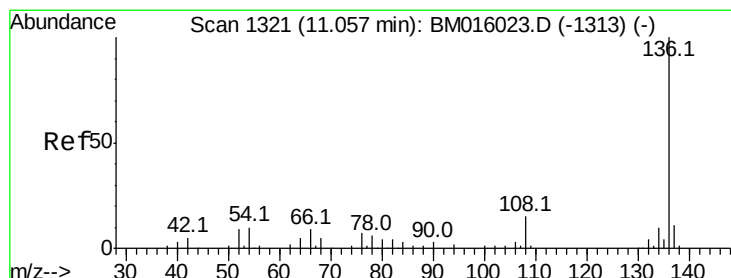
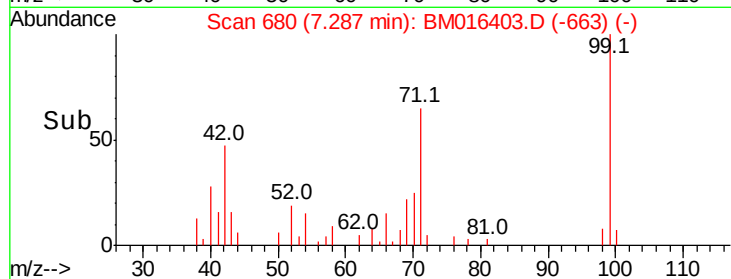
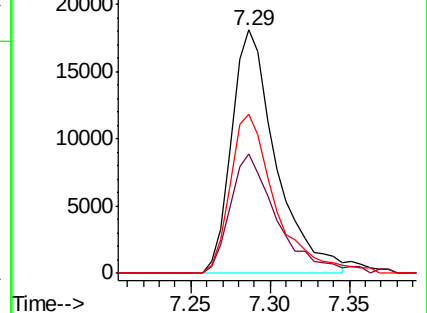
71 65.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016403.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016403.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016403.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016403.D

Acq: 16 Aug 2018 06:13

Tgt Ion: 136 Resp: 79733

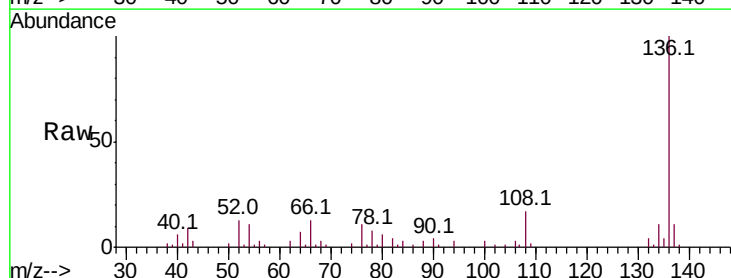
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.0 4.6 6.8#

68 3.4 3.7 5.5#

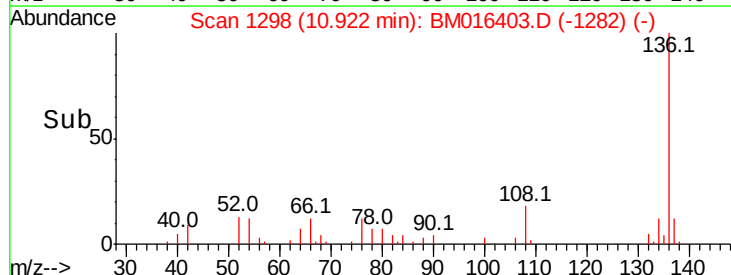
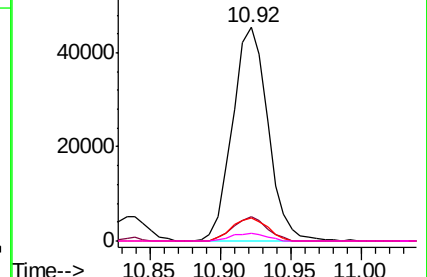


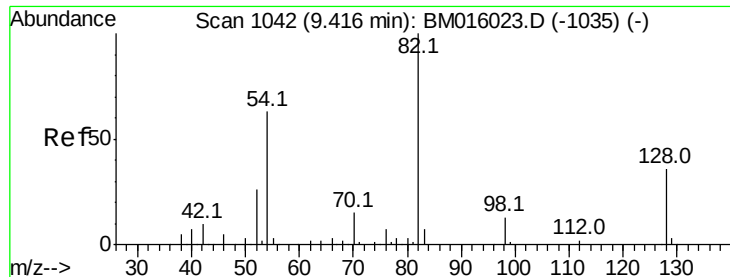
Abundance Ion 136.00 (135.70 to 136.70): BM016403.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016403.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016403.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016403.D (-1282) (-)

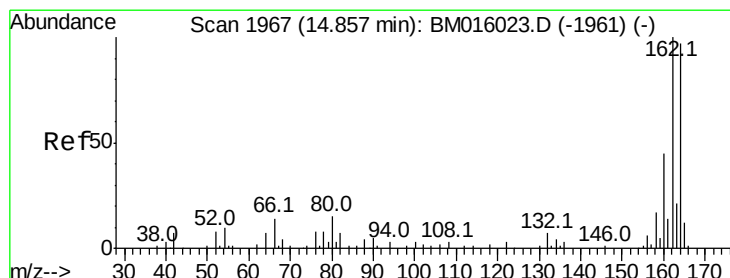
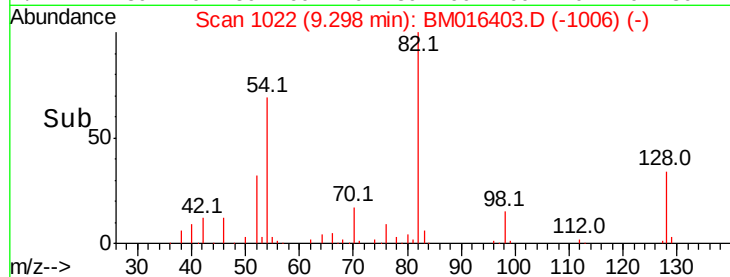
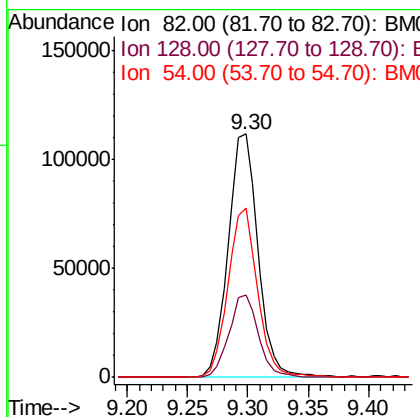
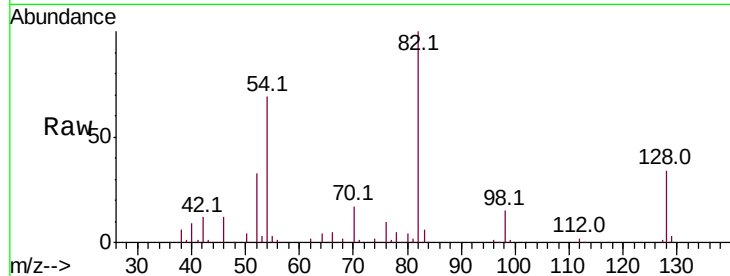




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016403.D
Acq: 16 Aug 2018 06:13

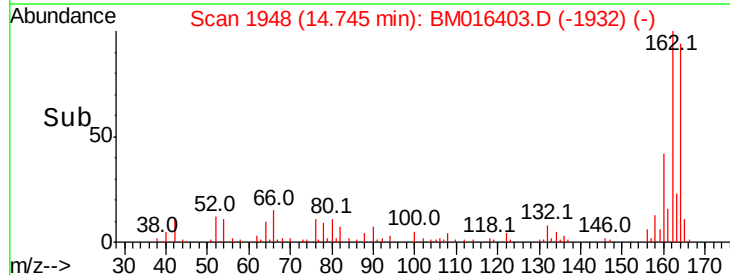
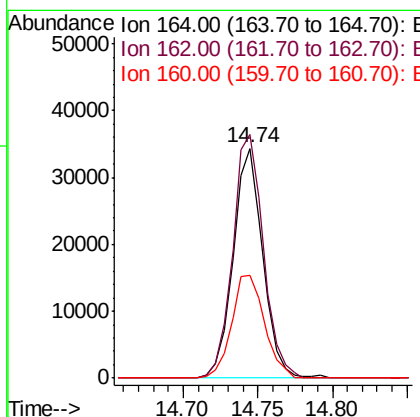
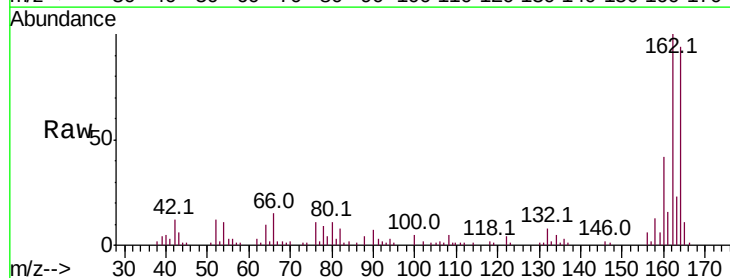
Instrument :
BNA_M
ClientSampled :
MH-92A

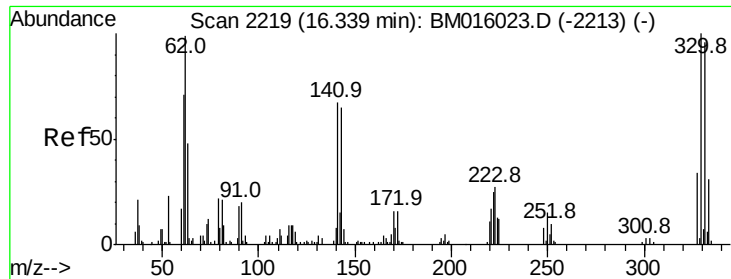
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	32.8	49.2
54	69.5	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016403.D
Acq: 16 Aug 2018 06:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.4	123.6
160	44.7	35.8	53.6

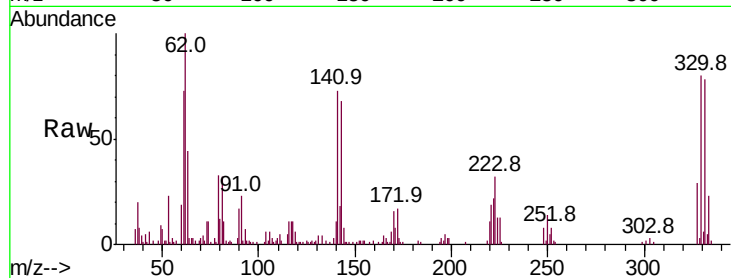




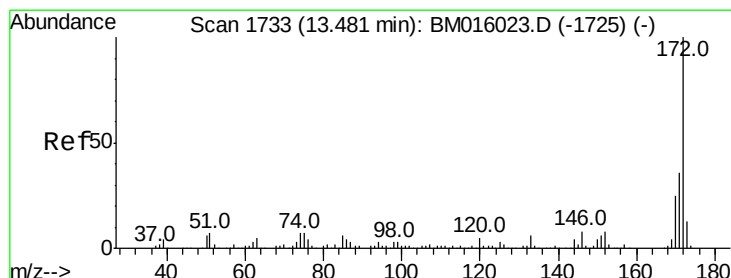
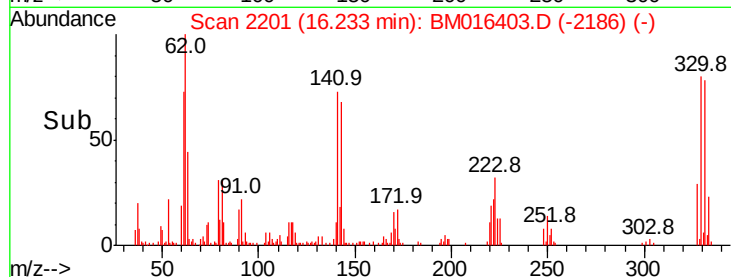
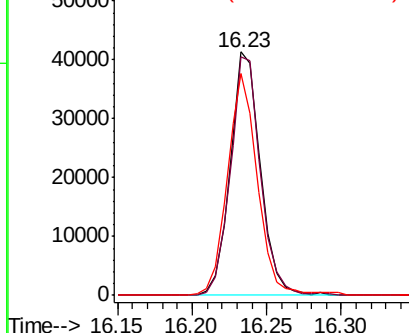
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM016403.D
 Acq: 16 Aug 2018 06:13

Instrument :
 BNA_M
 ClientSampleId :
 MH-92A

Tot Ion:330 Resp: 58321
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 90.5 0.0 0.0#

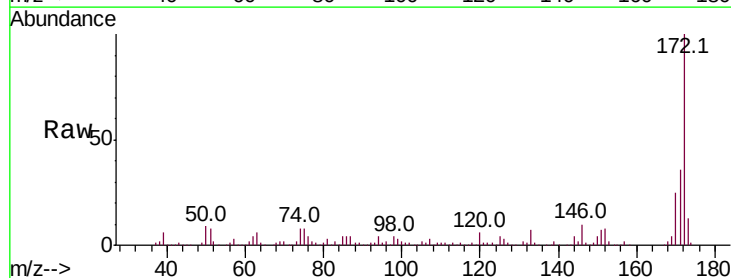


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

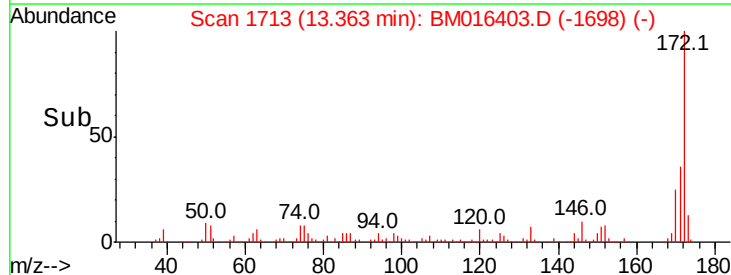
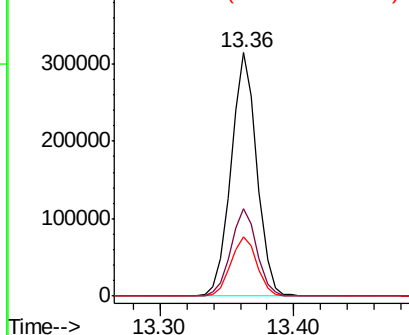


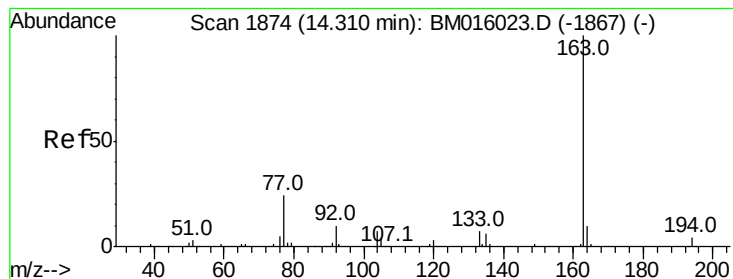
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016403.D
 Acq: 16 Aug 2018 06:13

Tgt Ion:172 Resp: 424345
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.5 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





#49

Dimethylphthalate

Concen: 4.076 ng

RT: 14.20 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM016403.D

Acq: 16 Aug 2018 06:13

Instrument :

BNA_M

ClientSampleId :

MH-92A

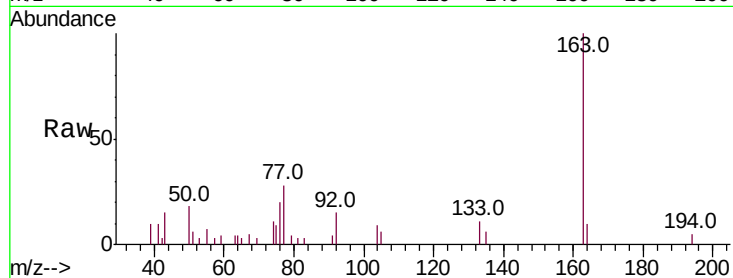
Tot Ion:163 Resp: 17022

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

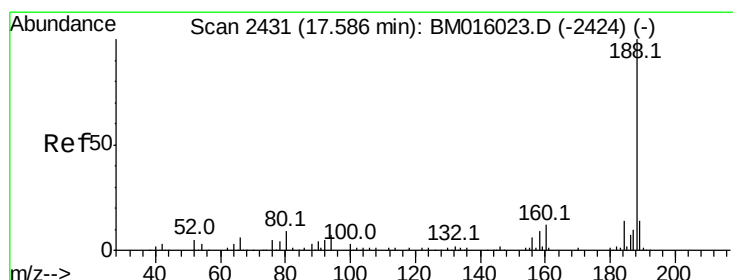
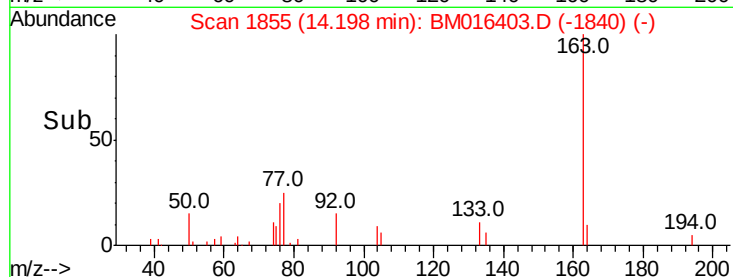
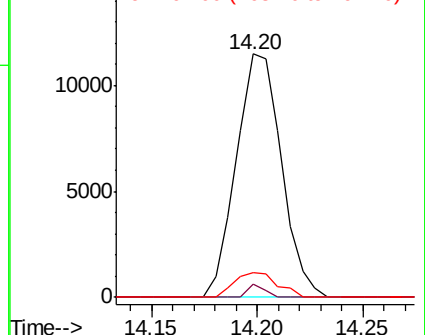
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM016403.D

Acq: 16 Aug 2018 06:13

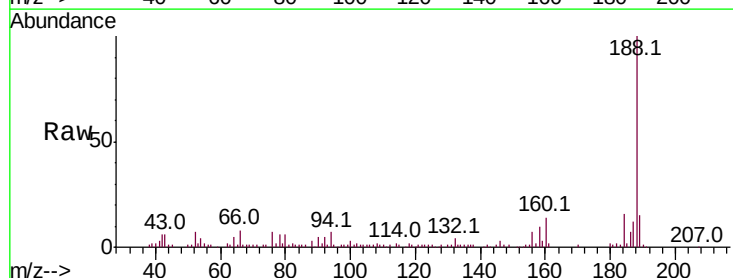
Tgt Ion:188 Resp: 108659

Ion Ratio Lower Upper

188 100

94 6.6 8.7 13.1#

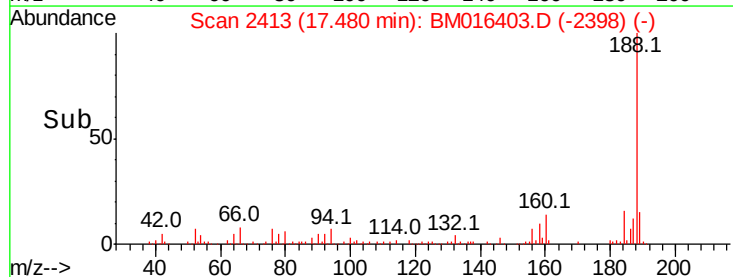
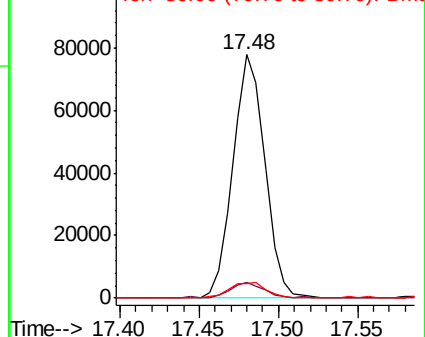
80 6.1 9.3 13.9#

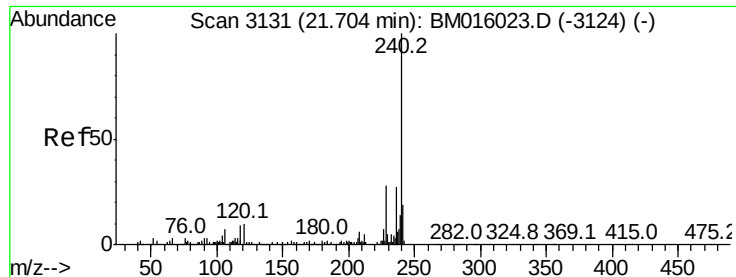


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.61 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016403.D

Acq: 16 Aug 2018 06:13

Instrument :

BNA_M

ClientSampled :

MH-92A

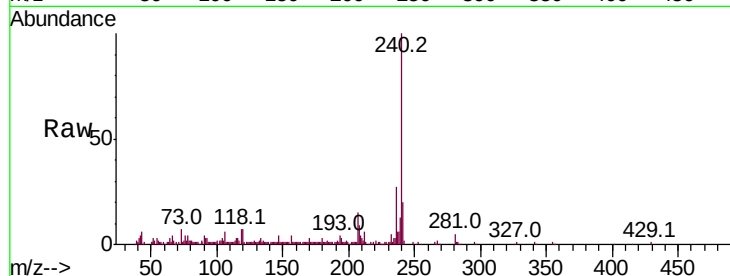
Tot Ion:240 Resp: 121659

Ion Ratio Lower Upper

240 100

120 6.8 8.2 12.2#

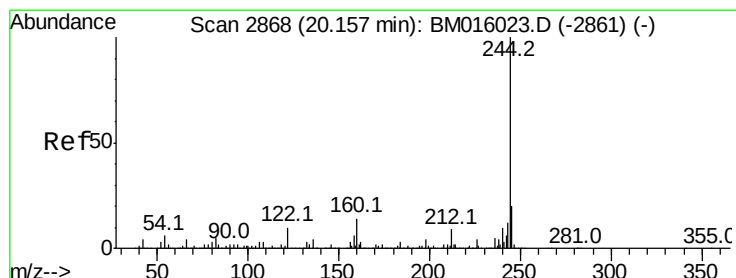
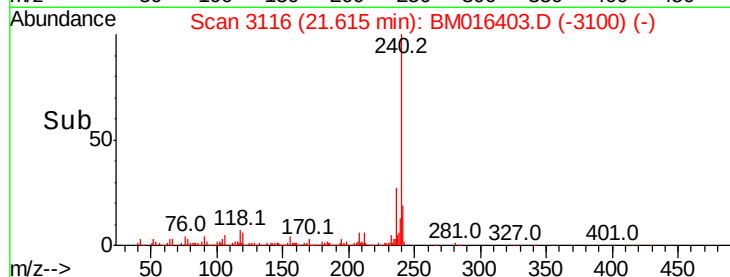
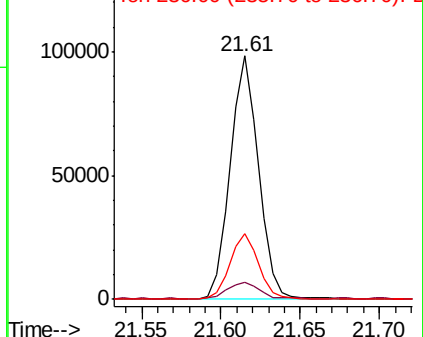
236 27.0 20.0 30.0



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: Below ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016403.D

Acq: 16 Aug 2018 06:13

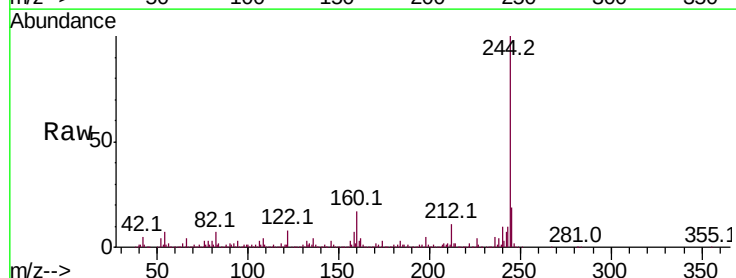
Tgt Ion:244 Resp: 585499

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

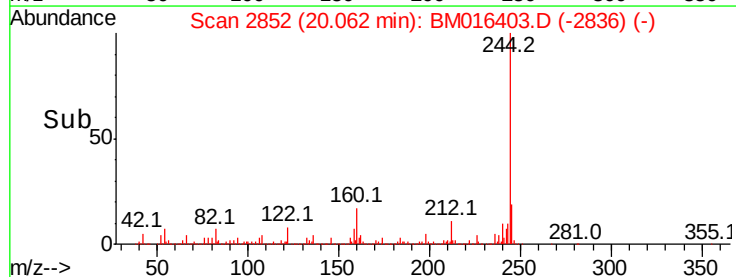
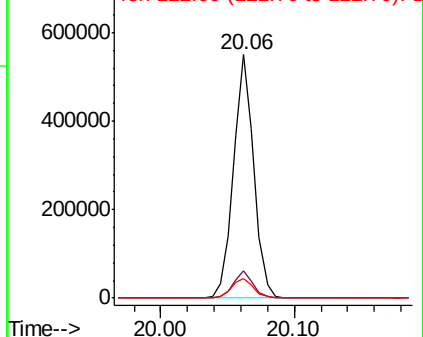
122 8.1 6.2 9.4

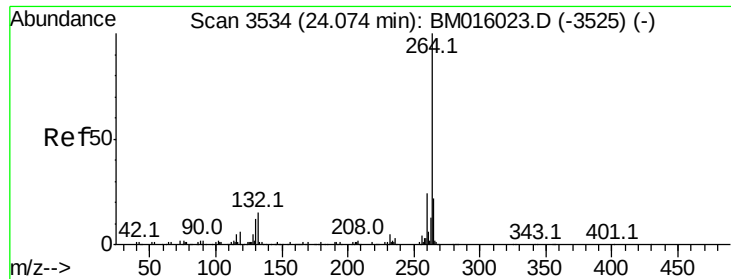


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

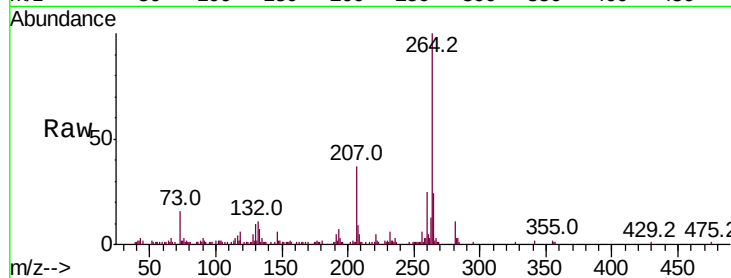




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: BM016403.D
 Acq: 16 Aug 2018 06:13

Instrument :
 BNA_M
 ClientSampleId :
 MH-92A

Tot Ion: 264 Resp: 119572
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 27.8
 265 23.6 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

