

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
 Data File : BM016311.D
 Acq On : 11 Aug 2018 00:17
 Operator : SJ/JU
 Sample : J4272-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-E

Quant Time: Aug 11 05:39:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	27491	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	90573	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	40677	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	84667	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	100899	20.00	ng	-0.01
86) Perylene-d12	23.96	264	116989	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	242081	146.28	ng	0.00
7) Phenol-d6	7.30	99	241573	111.77	ng	0.00
23) Nitrobenzene-d5	9.32	82	230850	118.55	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	74634	144.66	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	399400	119.47	ng	-0.01
78) Terphenyl-d14	20.07	244	595501	123.55	ng	-0.01

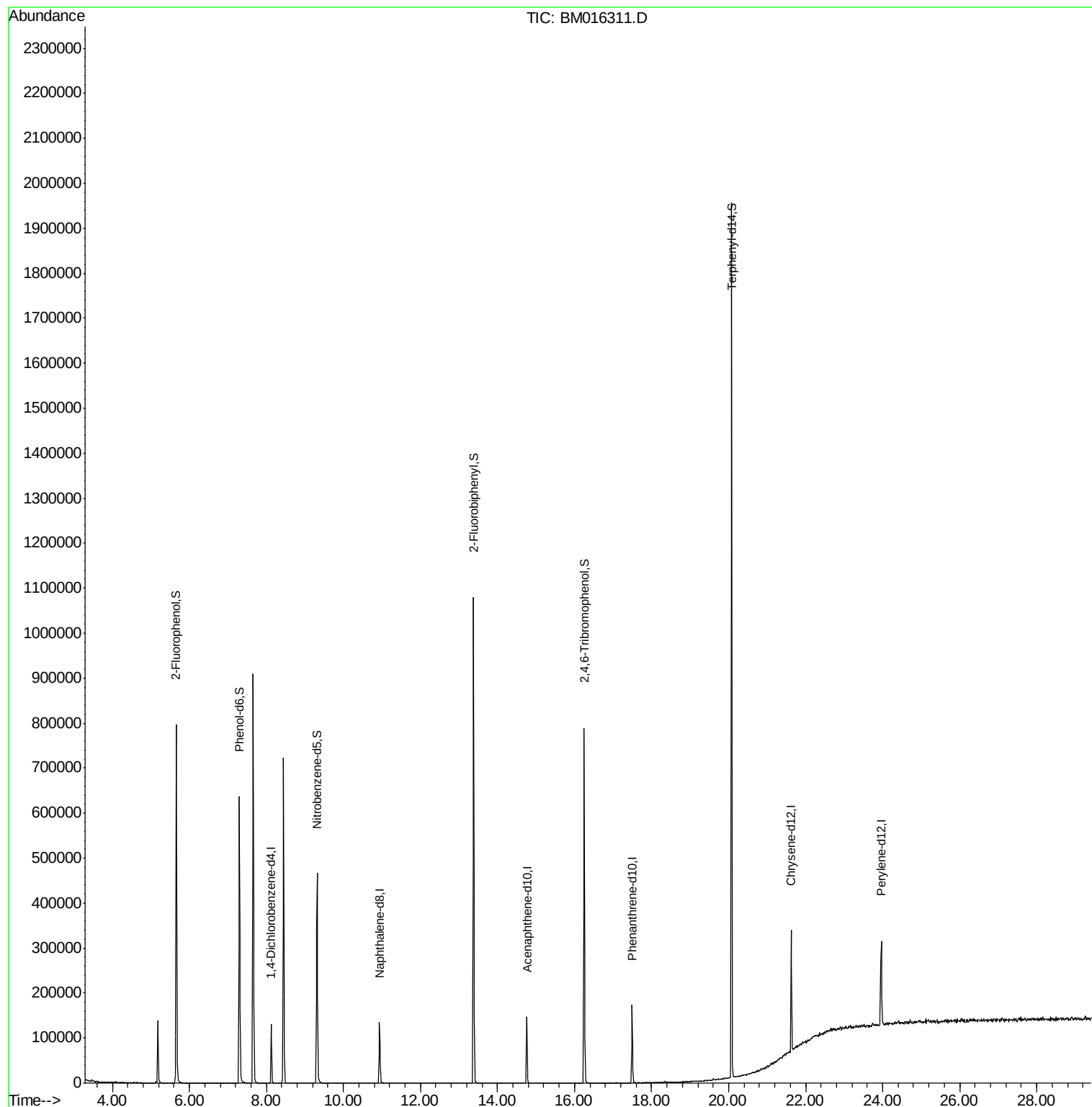
Target Compounds	Qvalue
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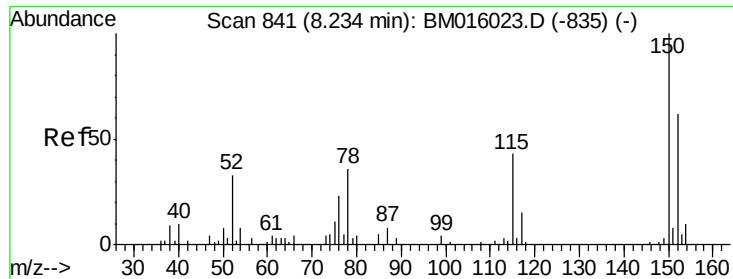
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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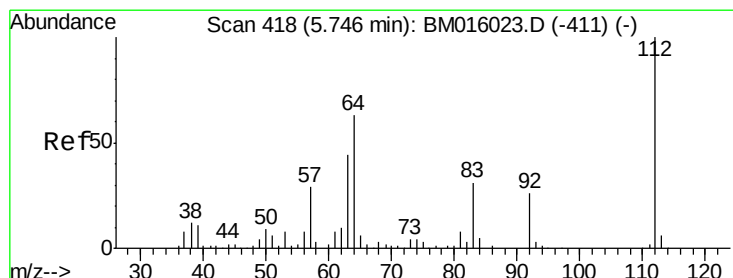
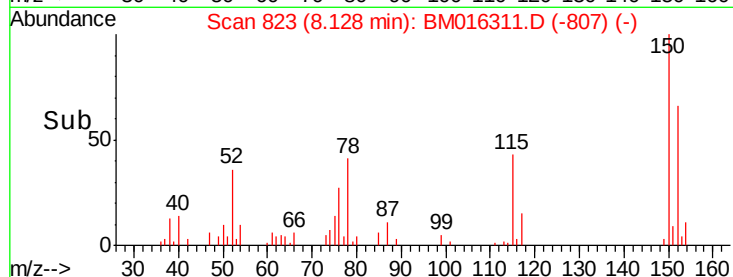
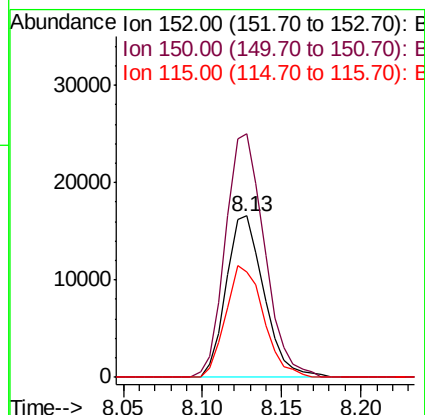
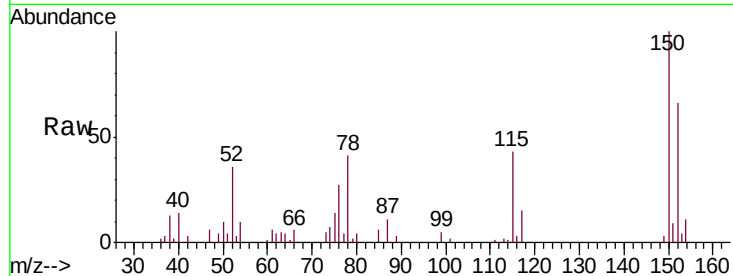




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

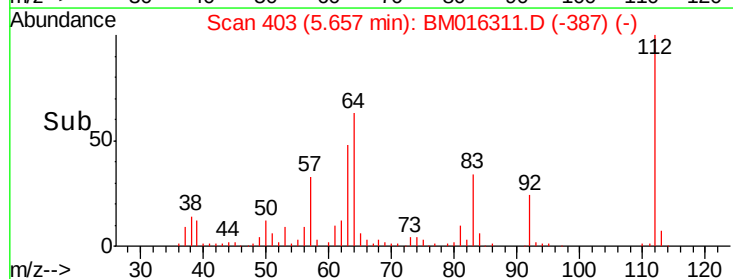
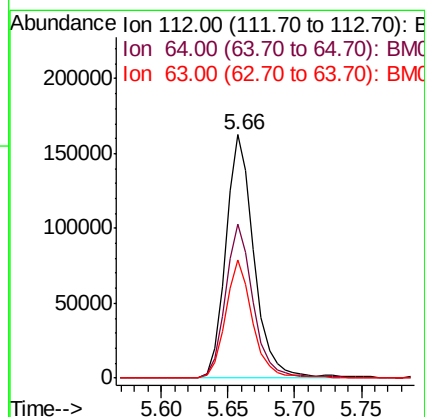
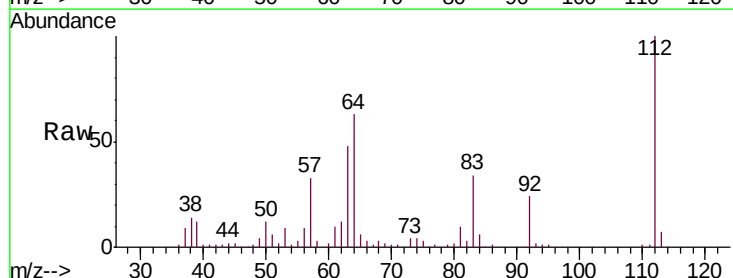
Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-E

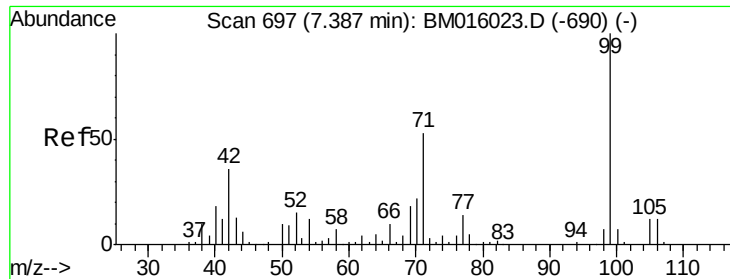
Tgt Ion:152 Resp: 27491
 Ion Ratio Lower Upper
 152 100
 150 151.0 119.5 179.3
 115 65.5 43.0 64.4#



#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

Tgt Ion:112 Resp: 242081
 Ion Ratio Lower Upper
 112 100
 64 63.1 38.6 57.8#
 63 48.4 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM016311.D

Acq: 11 Aug 2018 00:17

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-E

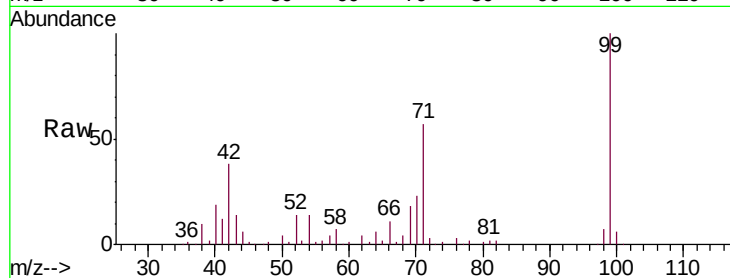
Tgt Ion: 99 Resp: 241573

Ion Ratio Lower Upper

99 100

42 38.1 11.0 16.4#

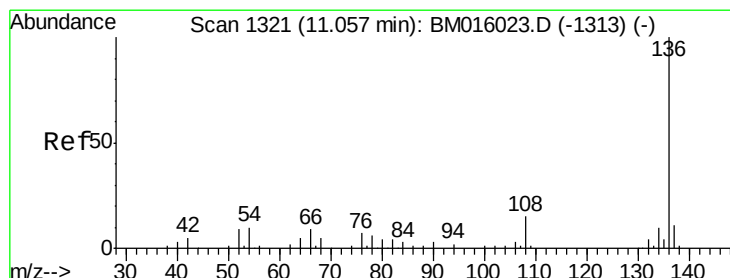
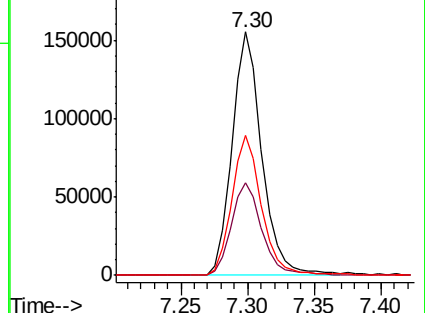
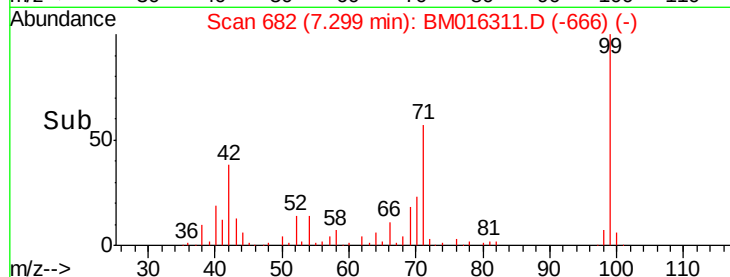
71 57.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016311.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016311.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016311.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BM016311.D

Acq: 11 Aug 2018 00:17

Tgt Ion: 136 Resp: 90573

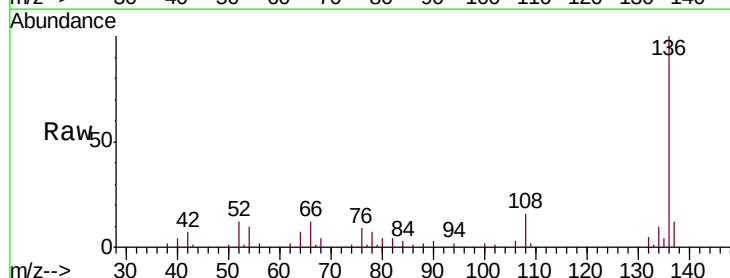
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 9.8 4.6 6.8#

68 3.8 3.7 5.5

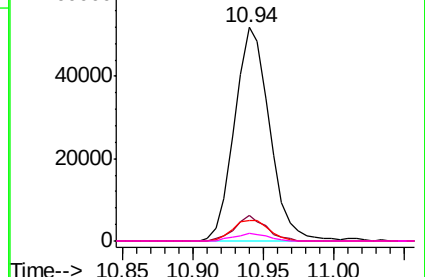
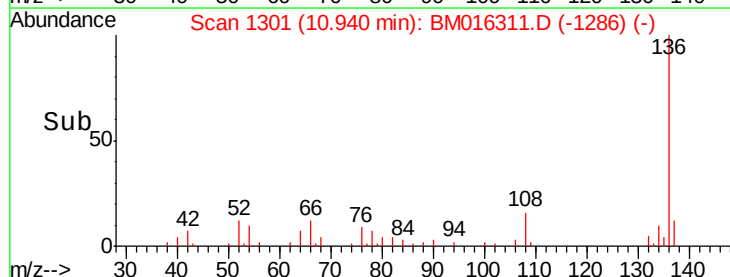


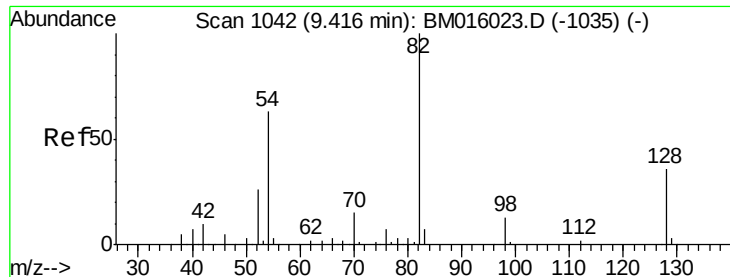
Abundance Ion 136.00 (135.70 to 136.70): BM016311.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016311.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016311.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016311.D (-1286) (-)

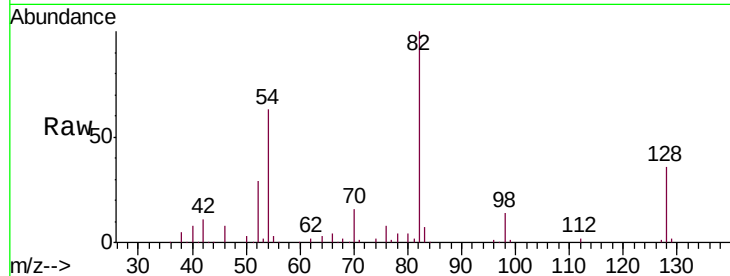




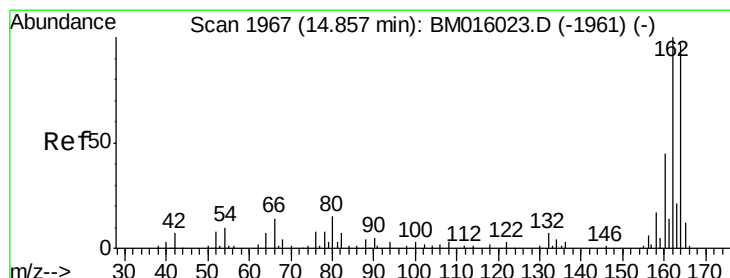
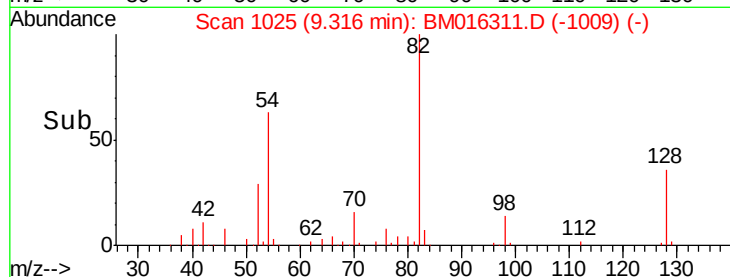
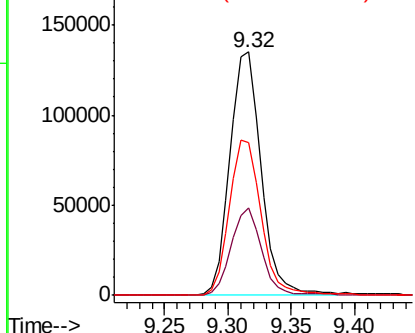
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016311.D
Acq: 11 Aug 2018 00:17

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-E

Tgt Ion: 82 Resp: 230850
Ion Ratio Lower Upper
82 100
128 35.7 32.8 49.2
54 62.8 40.6 60.8#

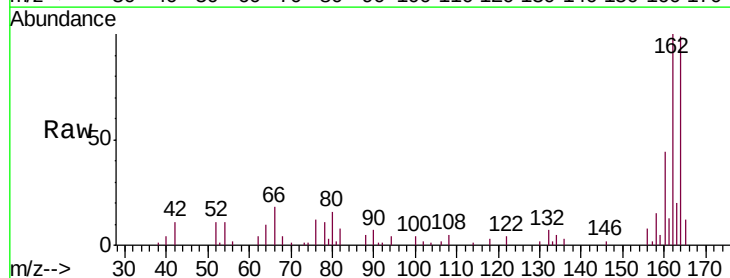


Abundance Ion 82.00 (81.70 to 82.70): BM016311.D (-1009) (-)
Ion 128.00 (127.70 to 128.70): BM016311.D (-1009) (-)
Ion 54.00 (53.70 to 54.70): BM016311.D (-1009) (-)

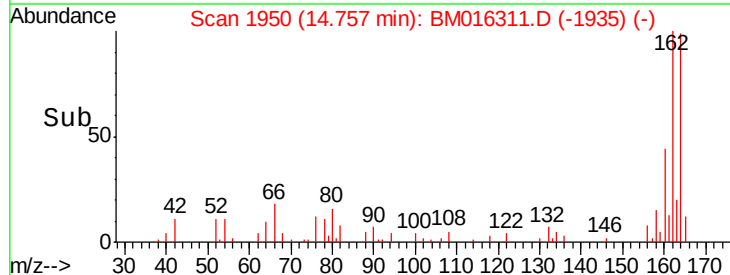
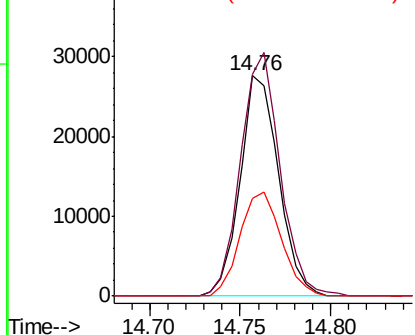


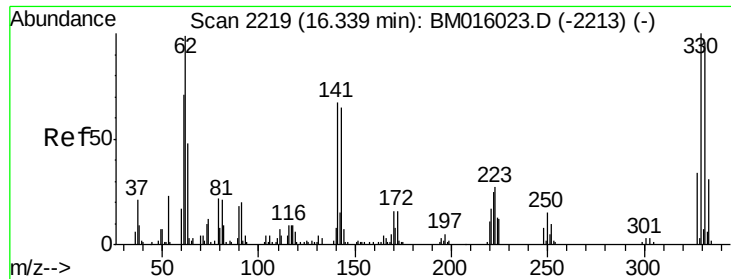
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016311.D
Acq: 11 Aug 2018 00:17

Tgt Ion: 164 Resp: 40677
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 44.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016311.D (-1935) (-)
Ion 162.00 (161.70 to 162.70): BM016311.D (-1935) (-)
Ion 160.00 (159.70 to 160.70): BM016311.D (-1935) (-)

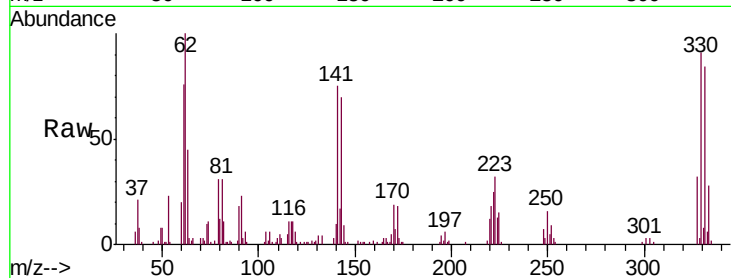




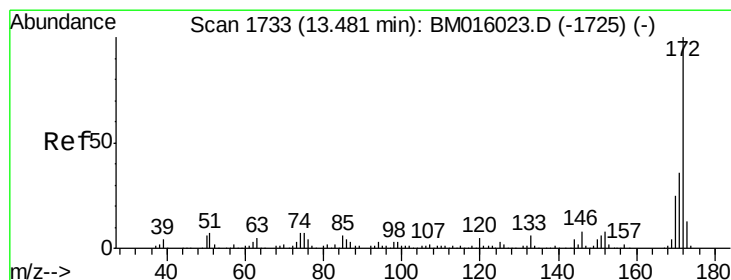
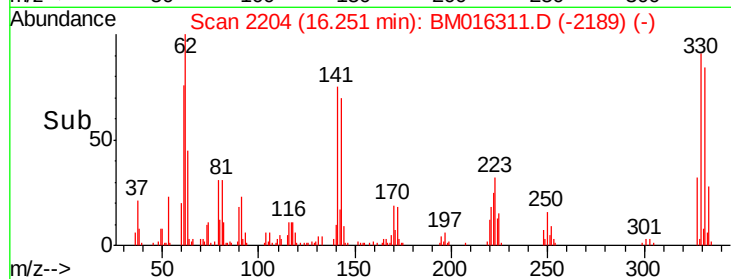
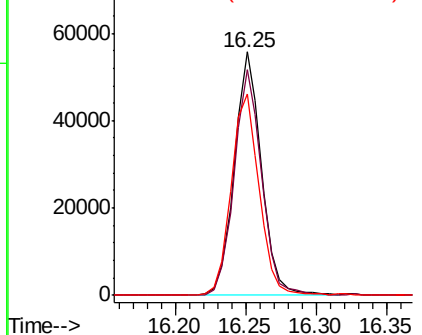
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-E

Tgt Ion: 330 Resp: 74634
 Ion Ratio Lower Upper
 330 100
 332 93.3 0.0 0.0#
 141 85.0 0.0 0.0#

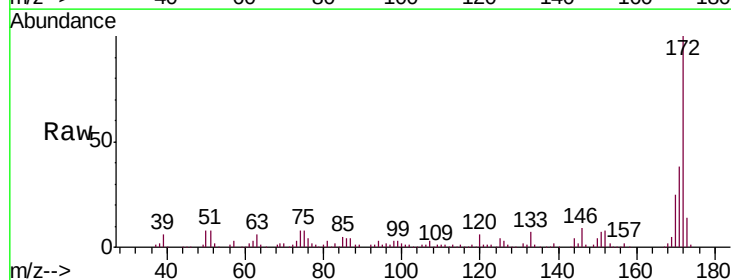


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

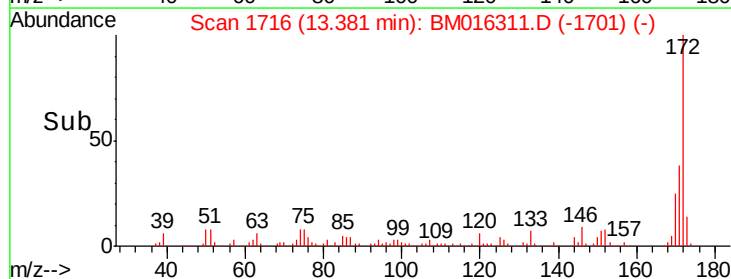
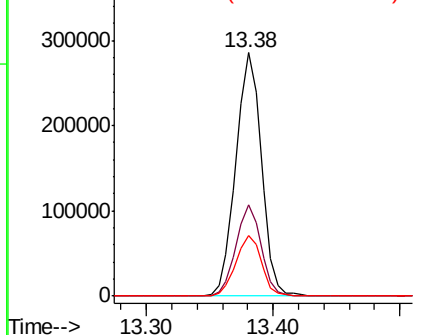


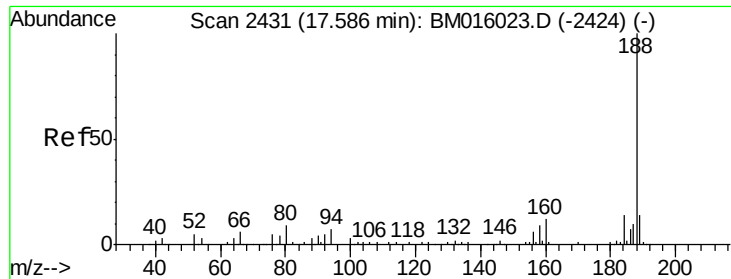
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

Tgt Ion: 172 Resp: 399400
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.5 42.7
 170 24.7 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

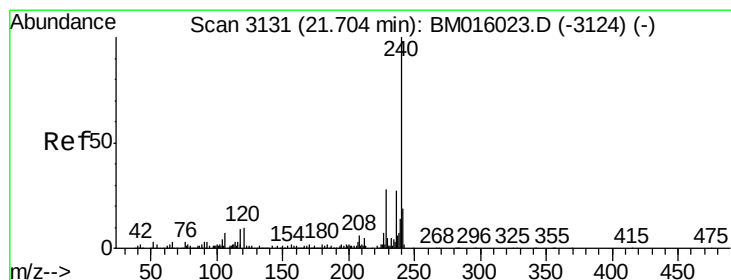
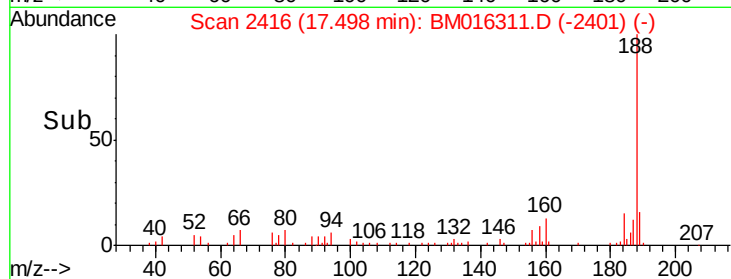
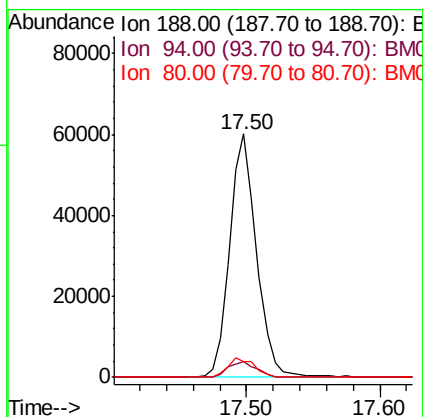
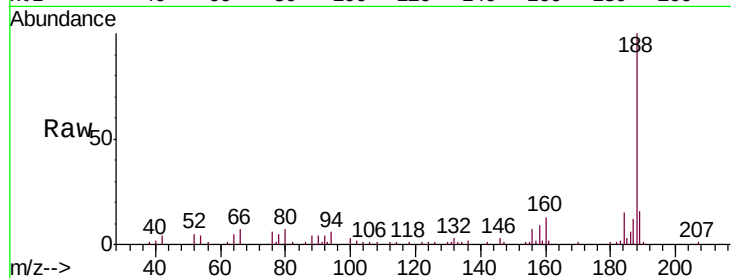




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

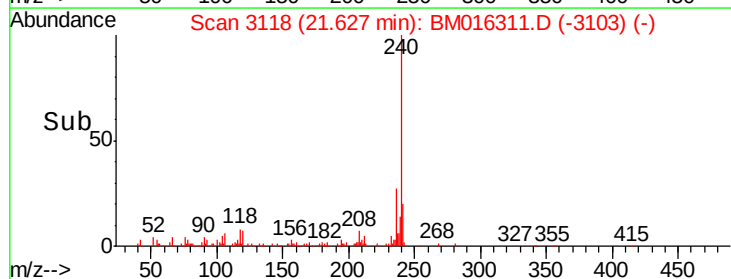
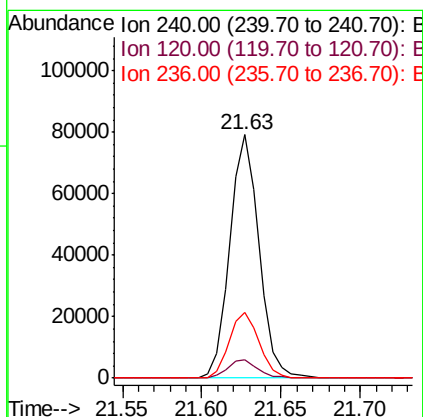
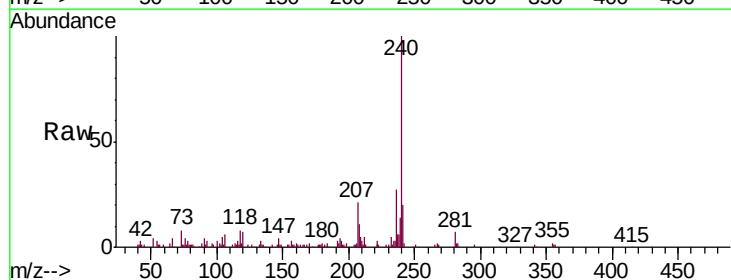
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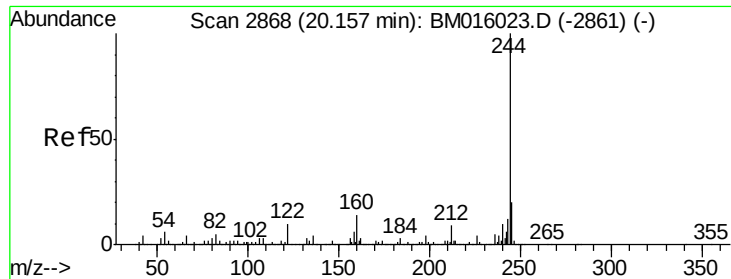
Tgt Ion:188 Resp: 84667
 Ion Ratio Lower Upper
 188 100
 94 6.4 8.7 13.1#
 80 6.7 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

Tgt Ion:240 Resp: 100899
 Ion Ratio Lower Upper
 240 100
 120 7.5 8.2 12.2#
 236 27.0 20.0 30.0

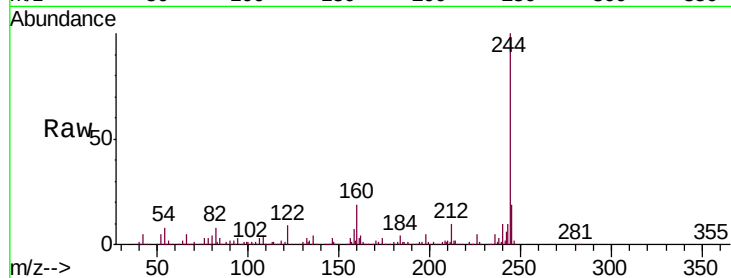




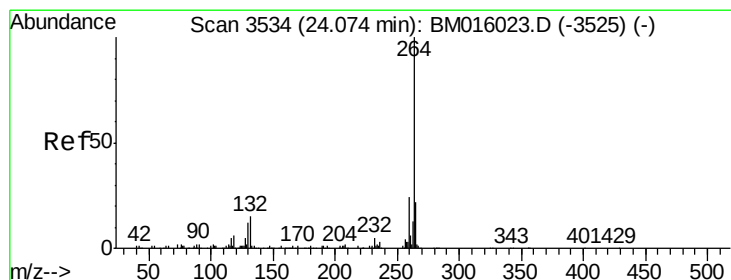
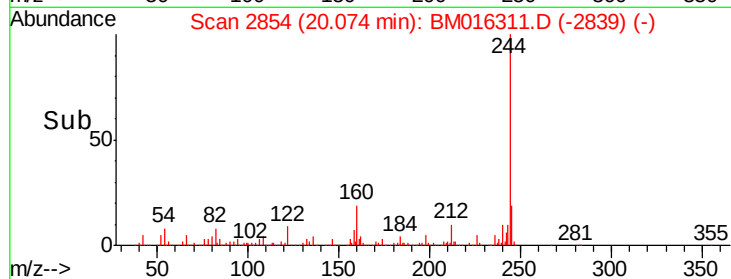
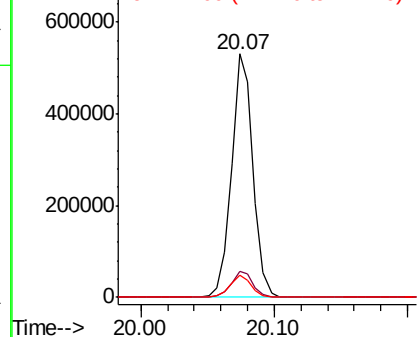
#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.07 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-E

Tgt Ion:244 Resp: 595501
 Ion Ratio Lower Upper
 244 100
 212 10.4 4.9 7.3#
 122 9.4 6.2 9.4

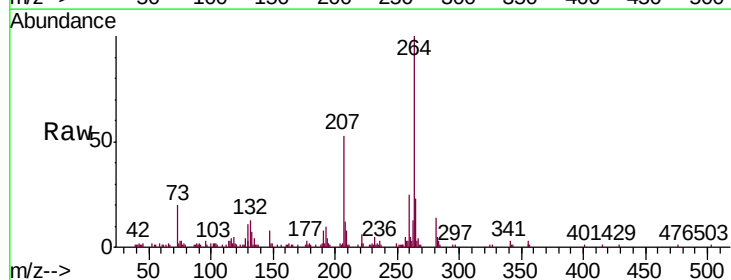


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.96 min Scan# 3515
 Delta R.T. -0.01 min
 Lab File: BM016311.D
 Acq: 11 Aug 2018 00:17

Tgt Ion:264 Resp: 116989
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 27.8
 265 22.6 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

