

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
 Data File : BM016314.D
 Acq On : 11 Aug 2018 02:06
 Operator : SJ/JU
 Sample : J4272-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 11 06:01:47 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	27266	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	89848	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	39943	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	81615	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	95456	20.00	ng	-0.01
86) Perylene-d12	23.96	264	111701	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	254012	154.75	ng	0.00
7) Phenol-d6	7.30	99	249650	116.46	ng	0.00
23) Nitrobenzene-d5	9.31	82	253241	131.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	80218	158.34	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	440034	134.04	ng	-0.01
78) Terphenyl-d14	20.07	244	642778	140.96	ng	-0.01

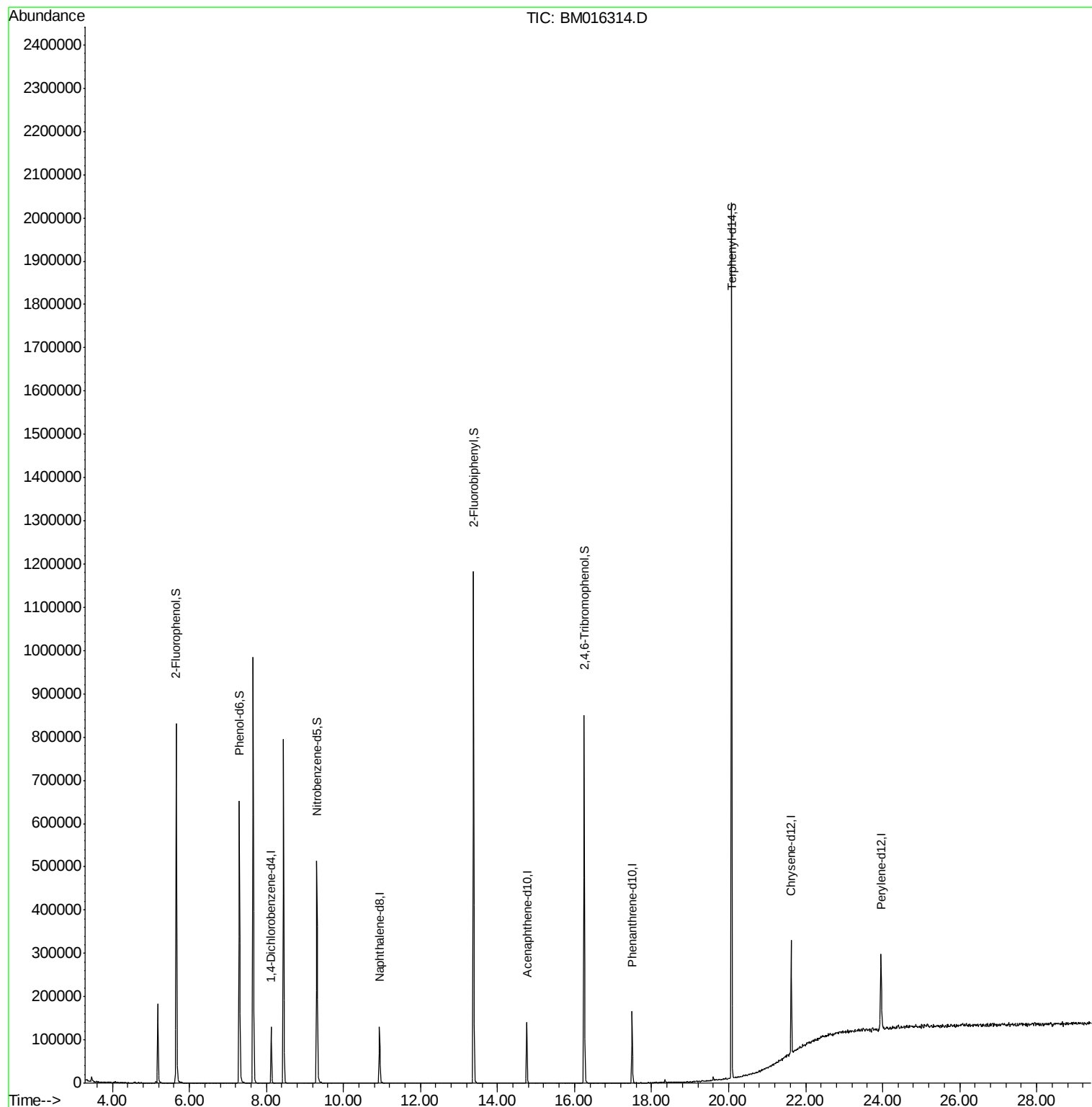
Target Compounds	Qvalue
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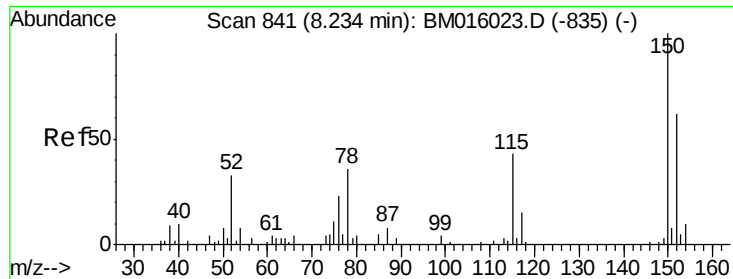
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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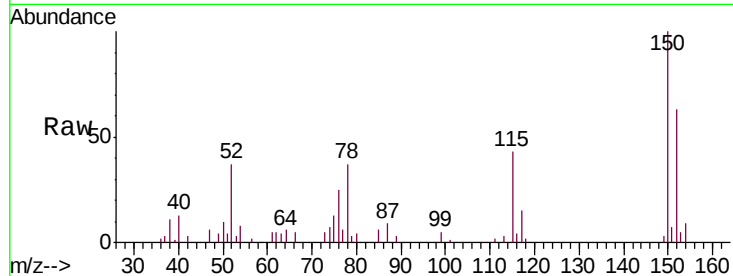




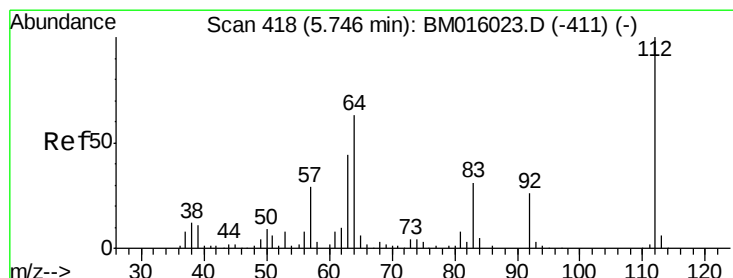
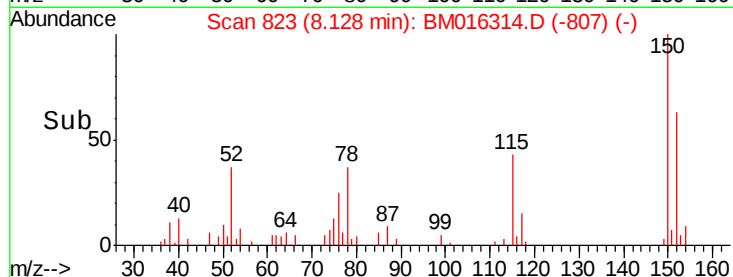
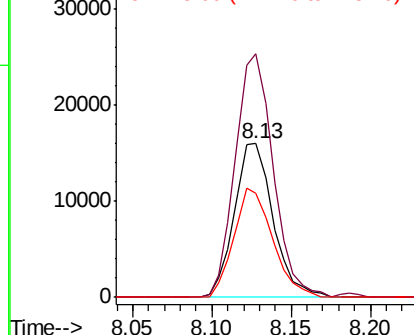
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016314.D
 Acq: 11 Aug 2018 02:06

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

Tgt Ion:152 Resp: 27266
 Ion Ratio Lower Upper
 152 100
 150 158.5 119.5 179.3
 115 68.0 43.0 64.4#

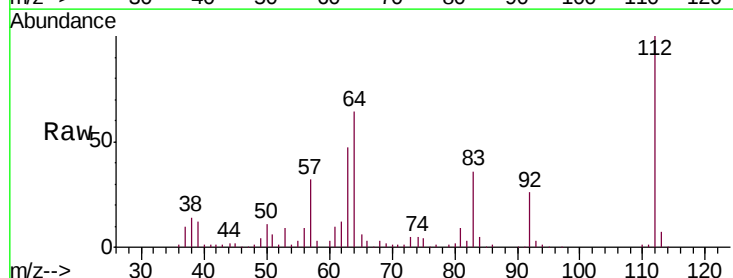


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

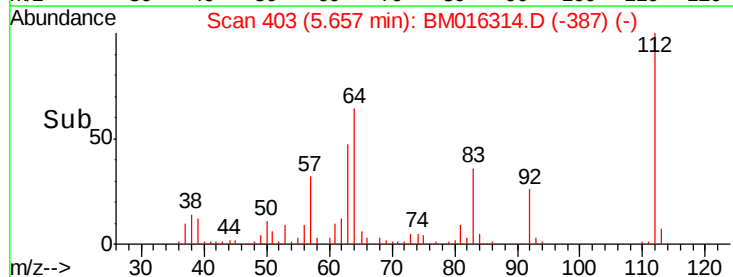
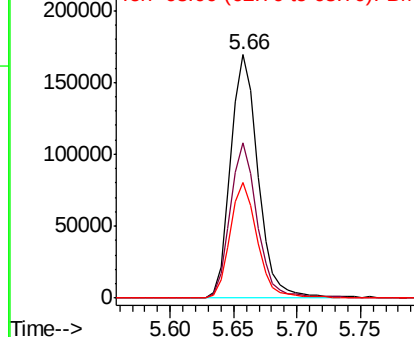


#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM016314.D
 Acq: 11 Aug 2018 02:06

Tgt Ion:112 Resp: 254012
 Ion Ratio Lower Upper
 112 100
 64 63.8 38.6 57.8#
 63 47.4 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: N.D. ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM016314.D

Acq: 11 Aug 2018 02:06

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-H

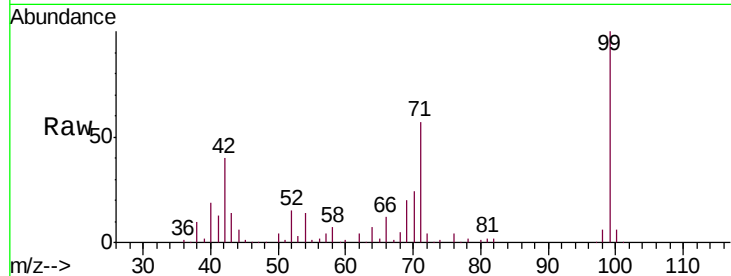
Tgt Ion: 99 Resp: 249650

Ion Ratio Lower Upper

99 100

42 40.2 11.0 16.4#

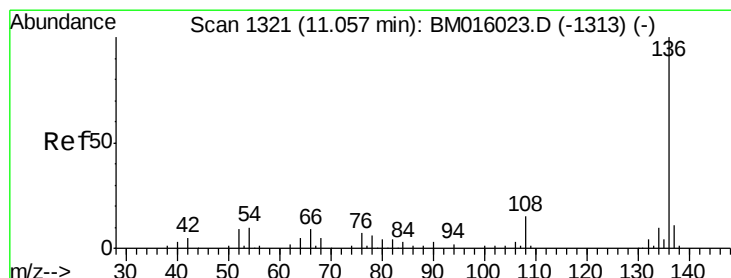
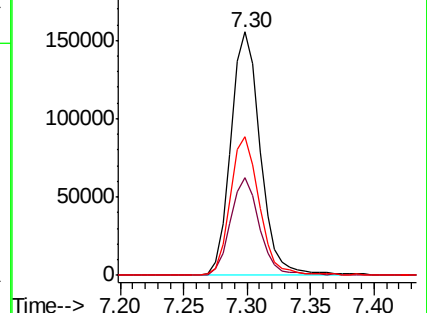
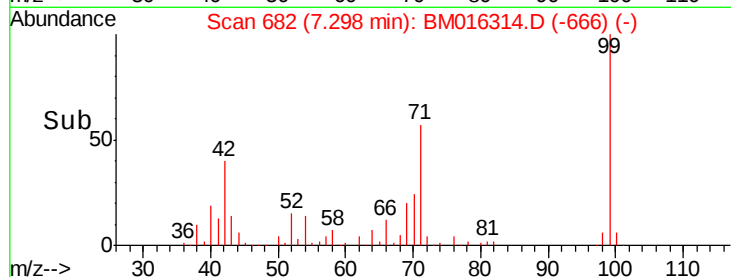
71 57.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016314.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016314.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016314.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BM016314.D

Acq: 11 Aug 2018 02:06

Tgt Ion: 136 Resp: 89848

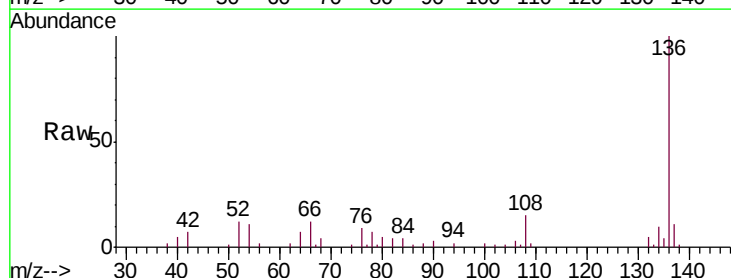
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.1 4.6 6.8#

68 4.2 3.7 5.5

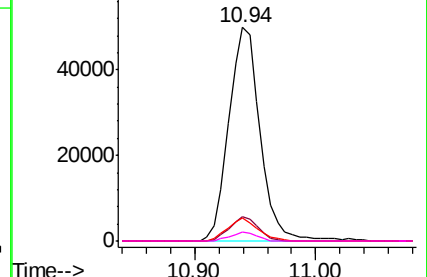
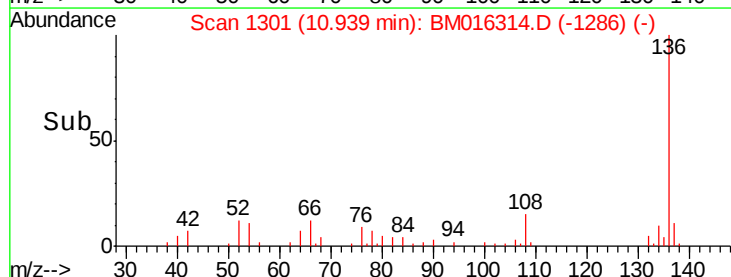


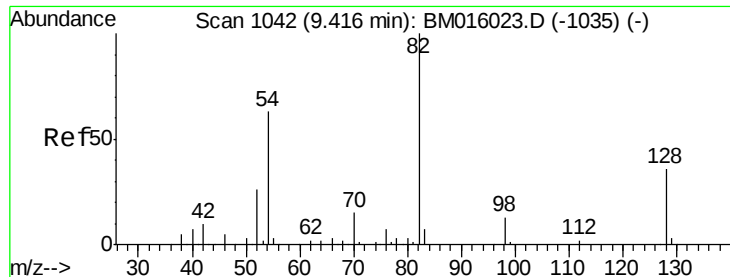
Abundance Ion 136.00 (135.70 to 136.70): BM016314.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016314.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016314.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016314.D (-1286) (-)

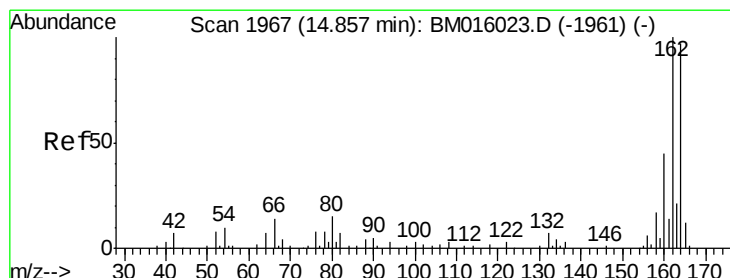
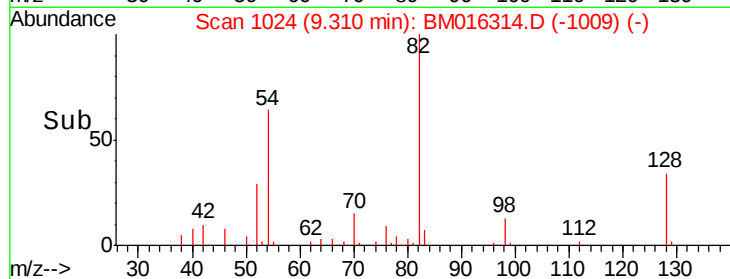
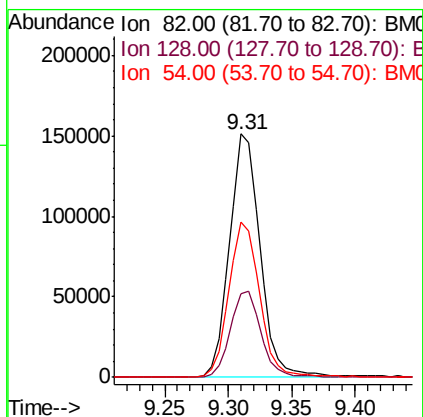
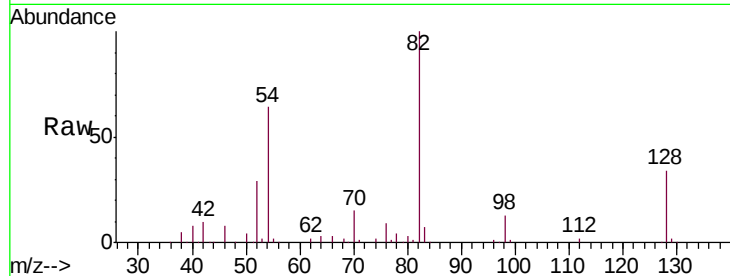




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BM016314.D
 Acq: 11 Aug 2018 02:06

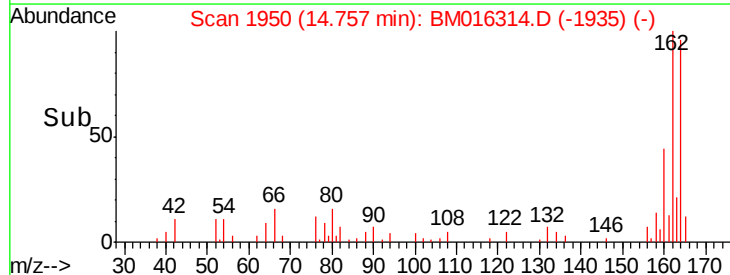
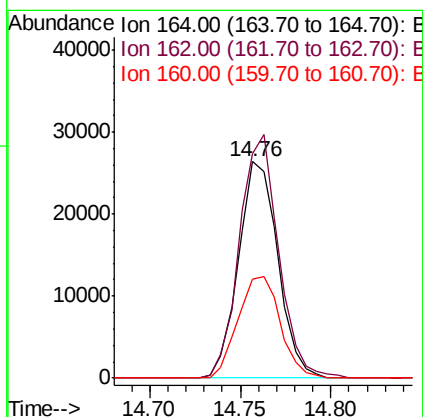
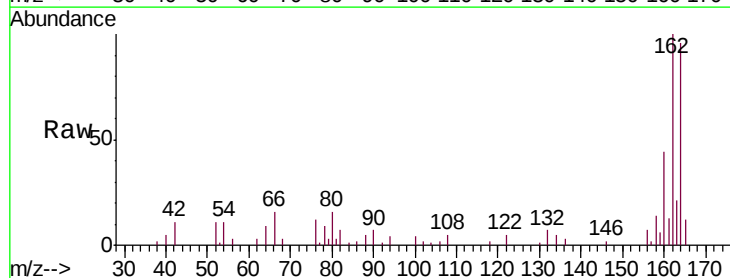
Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-H

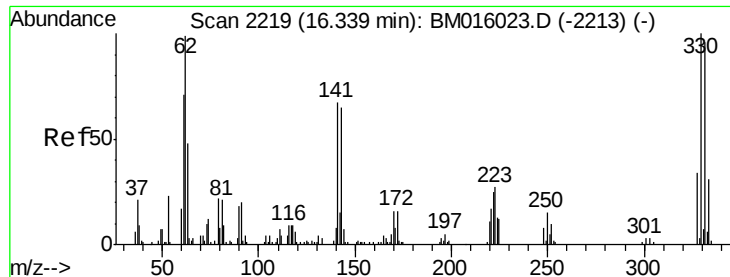
Tgt Ion: 82 Resp: 253241
 Ion Ratio Lower Upper
 82 100
 128 34.1 32.8 49.2
 54 63.6 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016314.D
 Acq: 11 Aug 2018 02:06

Tgt Ion: 164 Resp: 39943
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.4 123.6
 160 45.8 35.8 53.6

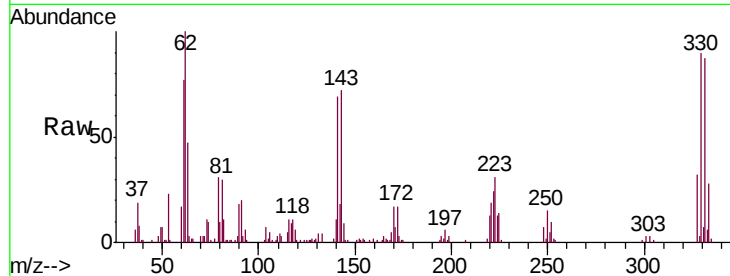




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016314.D
 Acq: 11 Aug 2018 02:06

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	85.4	0.0	0.0#

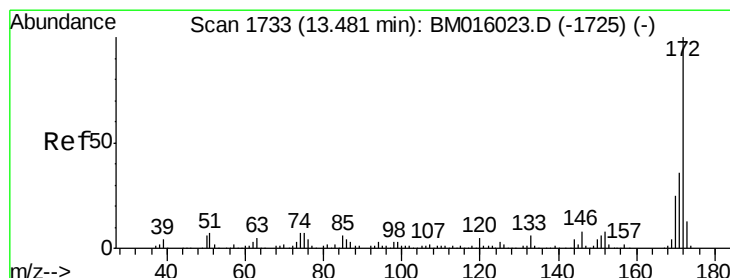
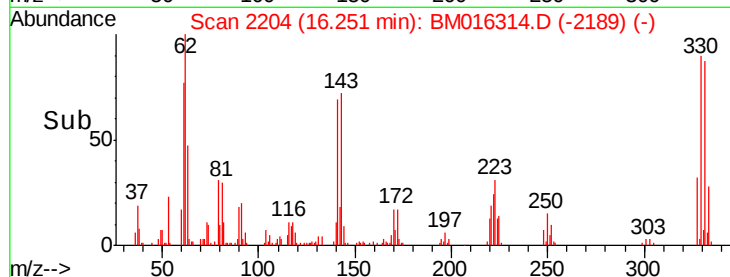
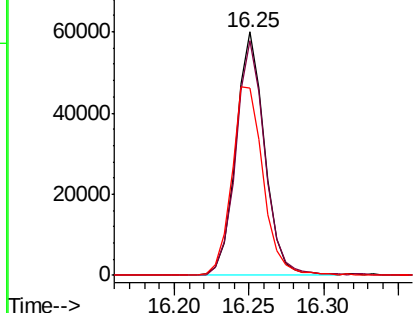


Abundance

Ion 329.80 (329.50 to 330.50): E

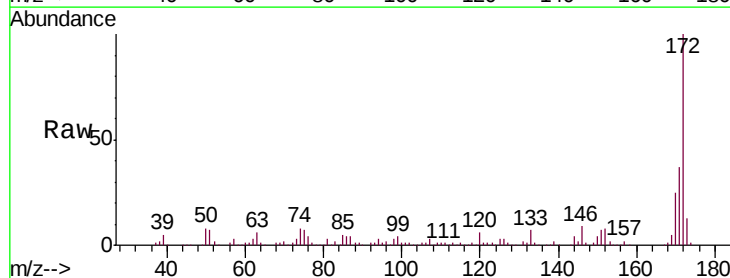
Ion 331.80 (331.50 to 332.50): E

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: BM016314.D
 Acq: 11 Aug 2018 02:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.5	42.7
170	24.8	18.8	28.2

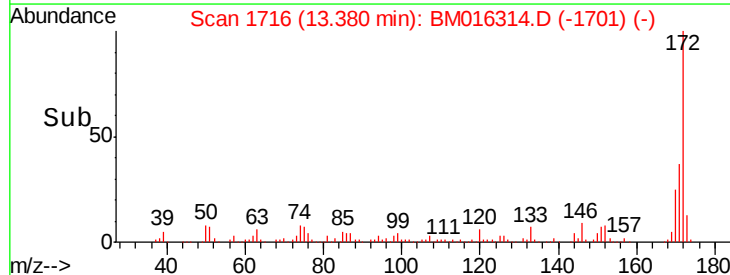
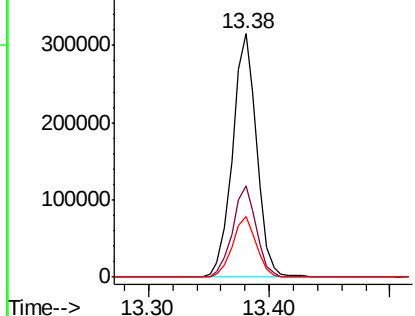


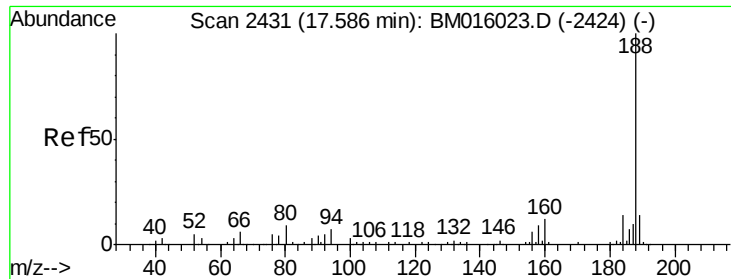
Abundance

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

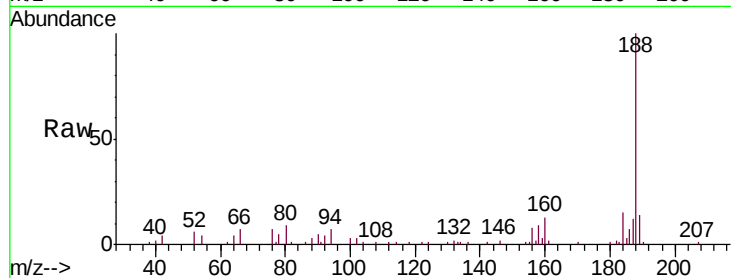




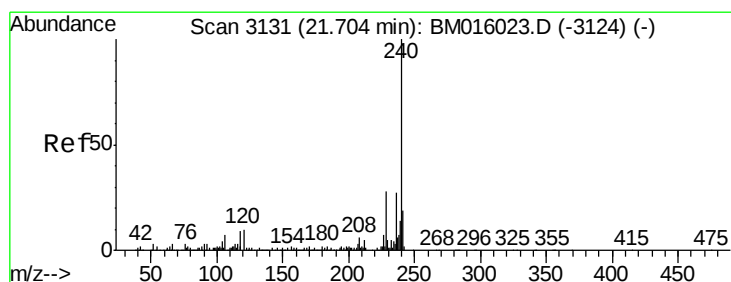
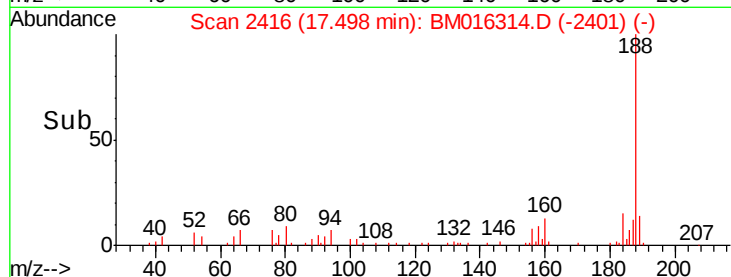
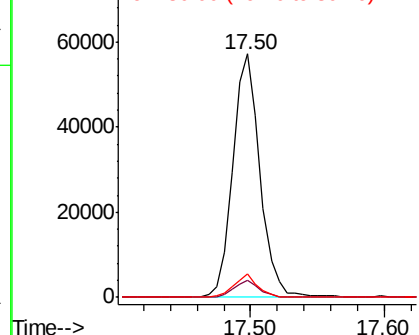
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016314.D
Acq: 11 Aug 2018 02:06

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

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.7	13.1#
80	9.4	9.3	13.9

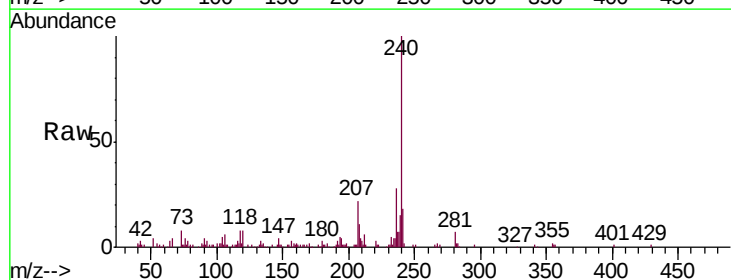


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM016314.D
Ion 80.00 (79.70 to 80.70): BM016314.D

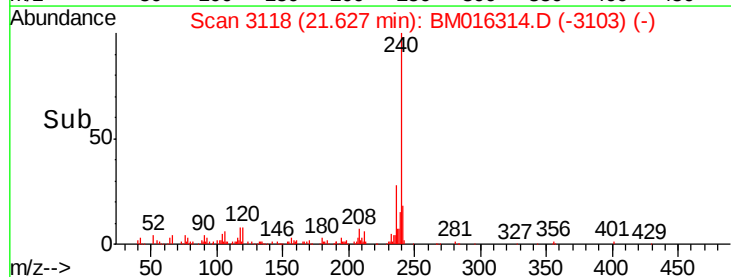
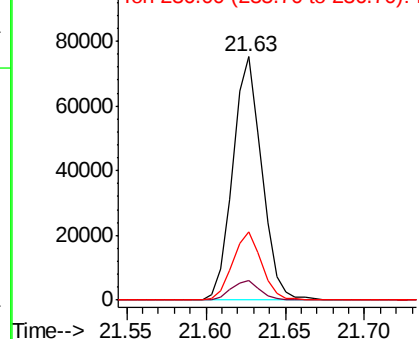


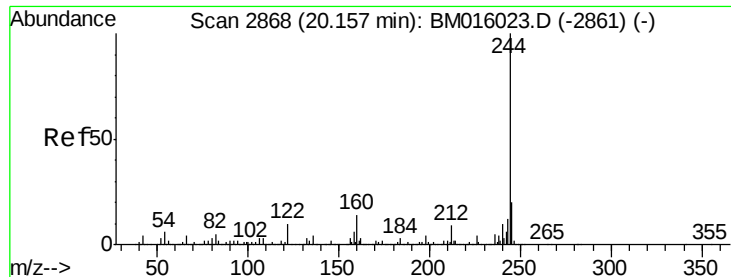
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016314.D
Acq: 11 Aug 2018 02:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	28.1	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: N.D. ng

RT: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016314.D

Acq: 11 Aug 2018 02:06

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-H

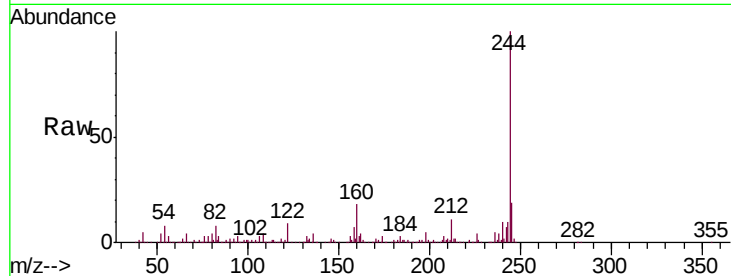
Tgt Ion:244 Resp: 642778

Ion Ratio Lower Upper

244 100

212 10.8 4.9 7.3#

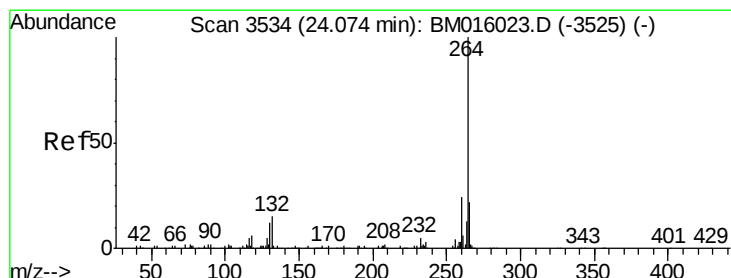
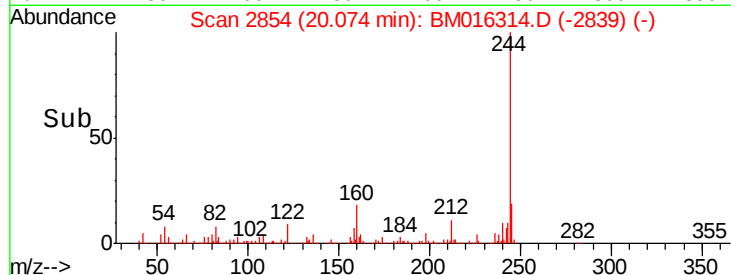
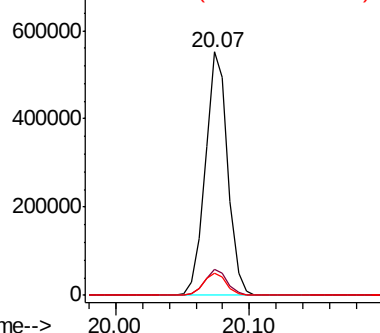
122 9.1 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.96 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BM016314.D

Acq: 11 Aug 2018 02:06

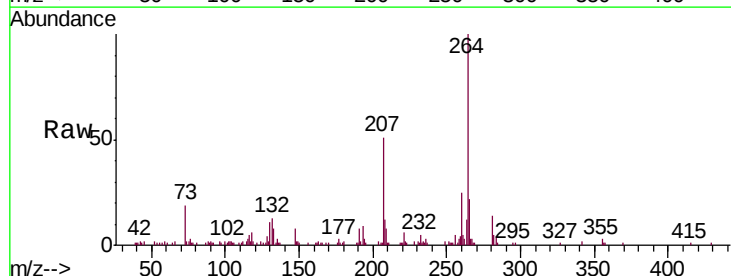
Tgt Ion:264 Resp: 111701

Ion Ratio Lower Upper

264 100

260 25.3 18.6 27.8

265 22.5 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

