

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016401.D
 Acq On : 16 Aug 2018 05:00
 Operator : SJ/JU
 Sample : J4471-27
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 16 07:08:02 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

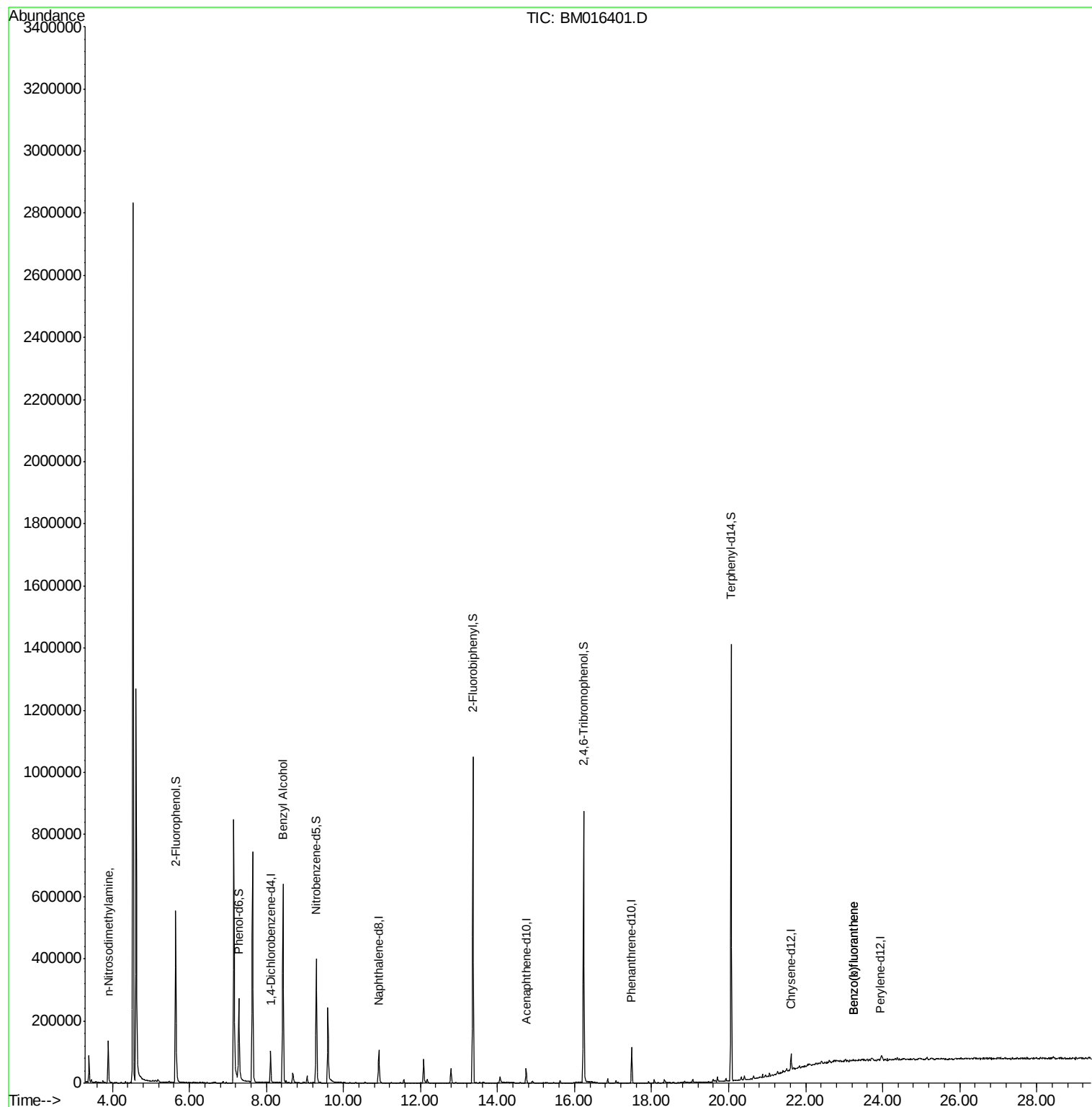
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19074	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	63967	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	11051	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	46697	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	12683	20.00	ng	0.00
86) Perylene-d12	23.94	264	1307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	167143	145.56	ng	0.00
7) Phenol-d6	7.28	99	74112	49.42	ng	0.00
23) Nitrobenzene-d5	9.30	82	184722	134.31	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	75395	537.91	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	358913	395.17	ng	-0.01
78) Terphenyl-d14	20.06	244	323102	533.27	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.89	42	7497	7.416	ng	# 1
15) Benzyl Alcohol	8.43	79	4603	3.855	ng	# 37
87) Benzo(b)fluoranthene	23.24	252	225	2.924	ng	# 59
88) Benzo(k)fluoranthene	23.24	252	225	2.885	ng	# 60

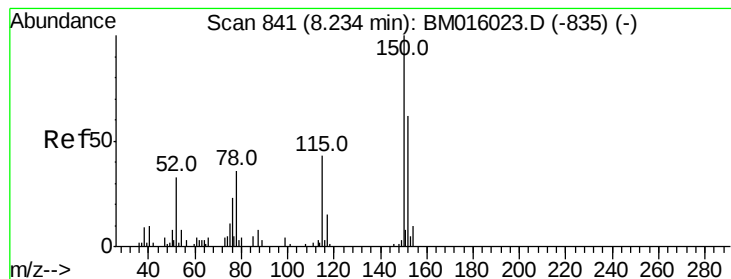
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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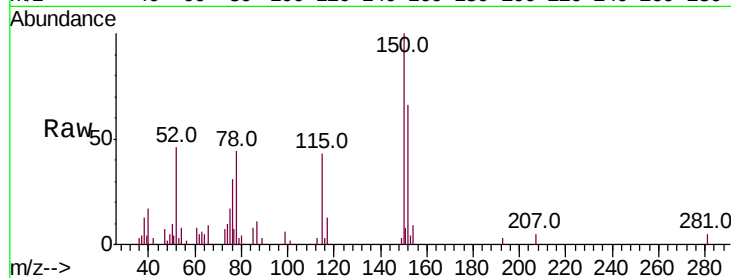


#1

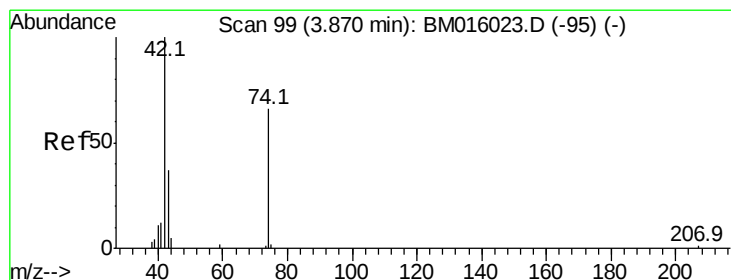
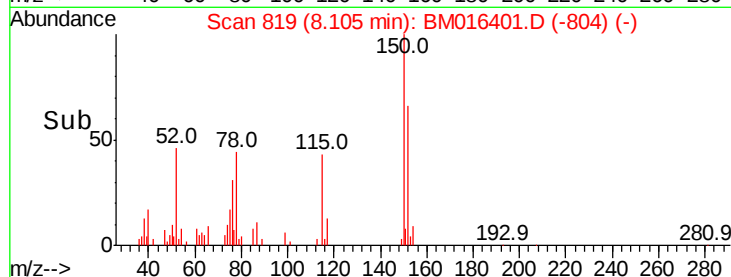
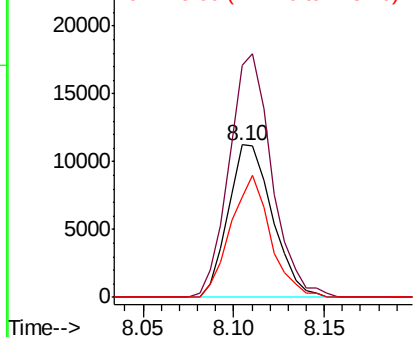
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 19074
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 66.1 43.0 64.4#



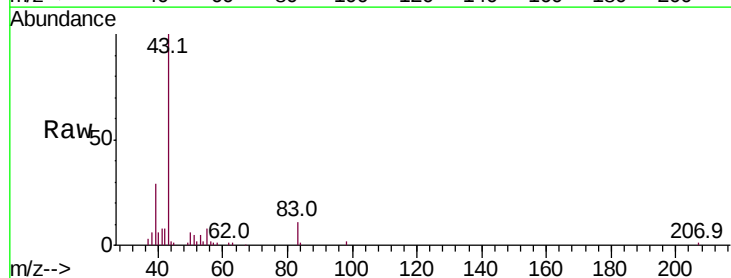
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



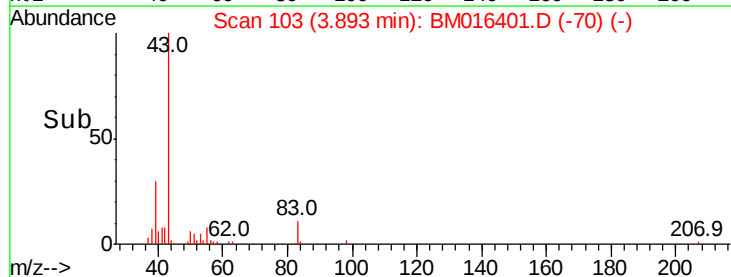
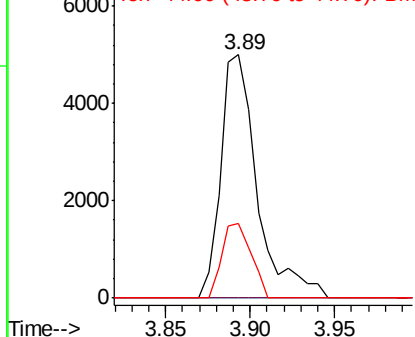
#4

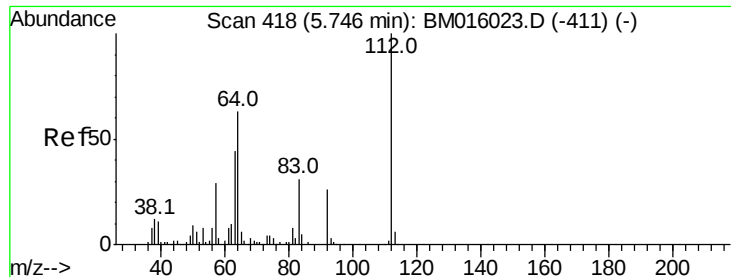
n-Nitrosodimethylamine
Concen: 7.416 ng
RT: 3.89 min Scan# 103
Delta R.T. 0.09 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion: 42 Resp: 7497
Ion Ratio Lower Upper
42 100
74 0.0 119.3 178.9#
44 30.9 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 7.416 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Instrument :

BNA_M

ClientSampleId :

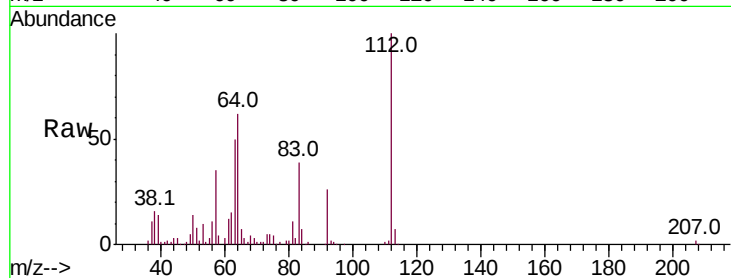
Tot Ion:112 Resp: 167143

Ion Ratio Lower Upper

112 100

64 61.7 38.6 57.8#

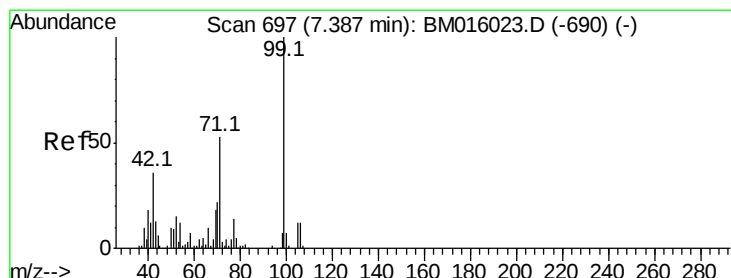
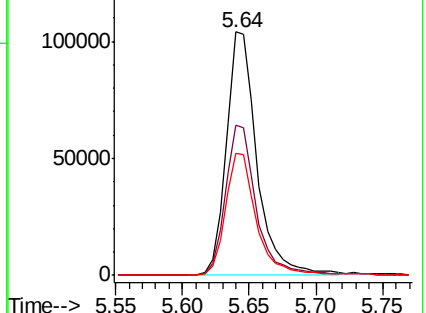
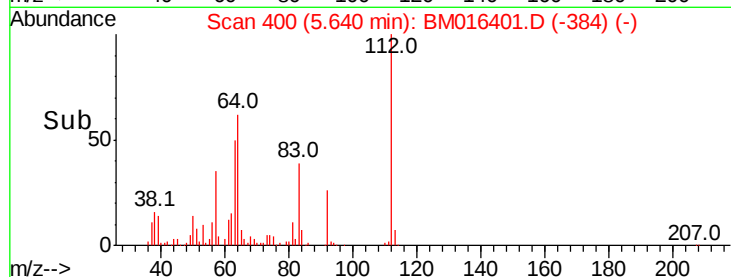
63 49.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: N.D. ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

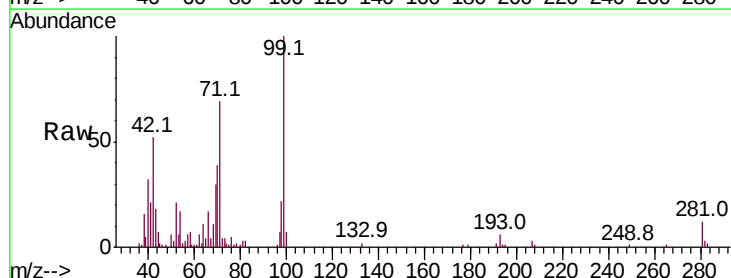
Tgt Ion: 99 Resp: 74112

Ion Ratio Lower Upper

99 100

42 51.9 11.0 16.4#

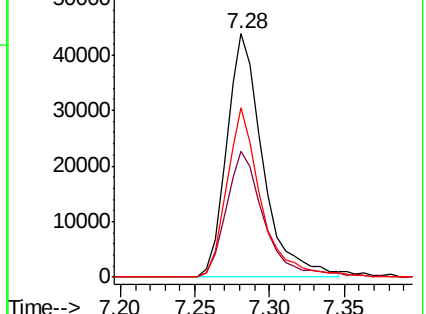
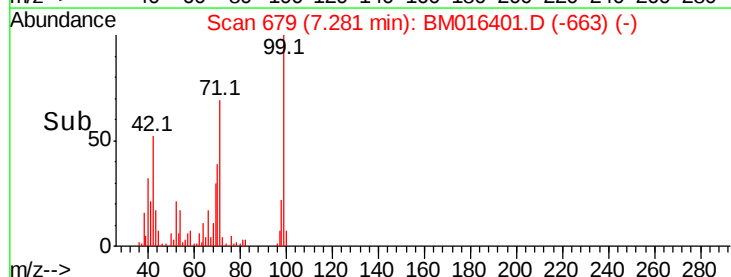
71 69.3 23.4 35.2#

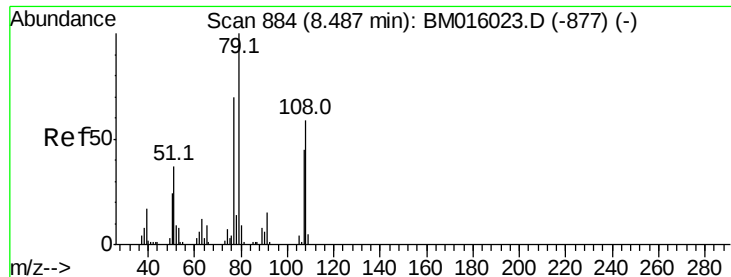


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#15

Benzyl Alcohol

Concen: 3.855 ng

RT: 8.43 min Scan# 874

Delta R.T. 0.05 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Instrument :

BNA_M

ClientSampleID :

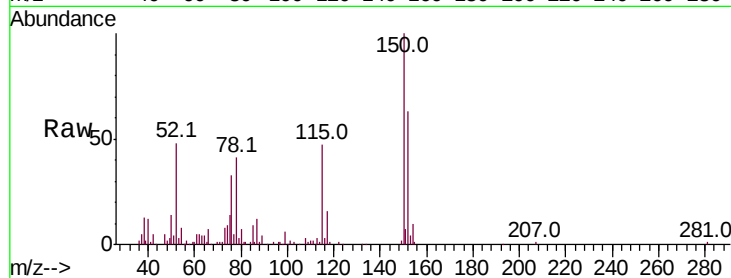
Tot Ion: 79 Resp: 4603

Ion Ratio Lower Upper

79 100

108 82.8 65.0 97.4

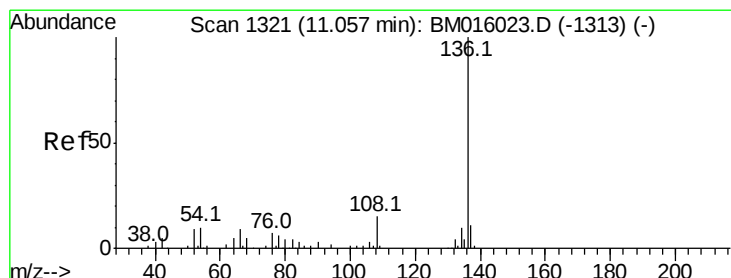
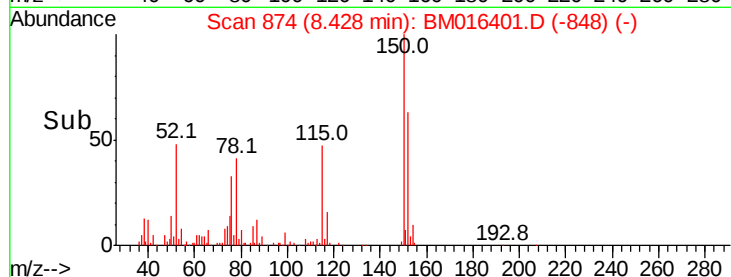
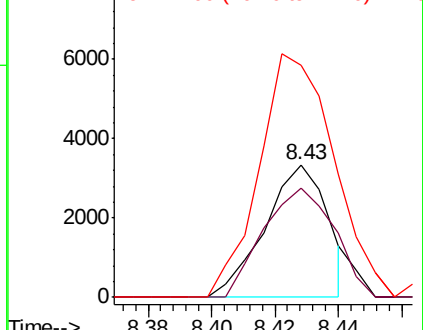
77 175.4 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016401.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016401.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016401.D (-848) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Tgt Ion: 136 Resp: 63967

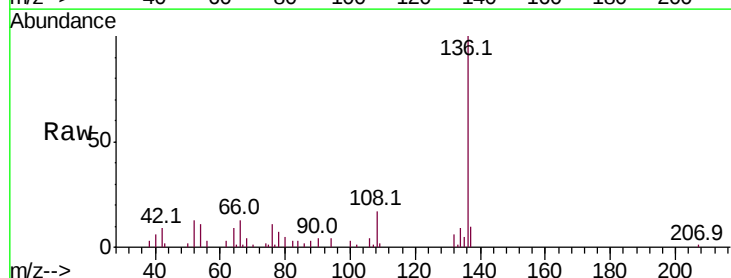
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 11.0 4.6 6.8#

68 3.7 3.7 5.5

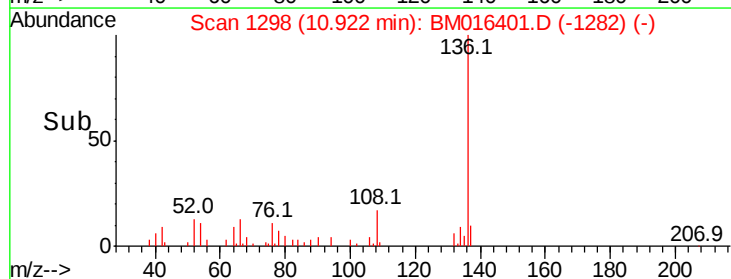
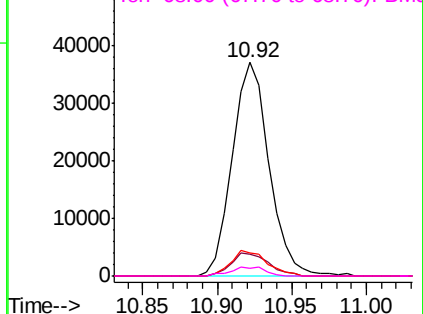


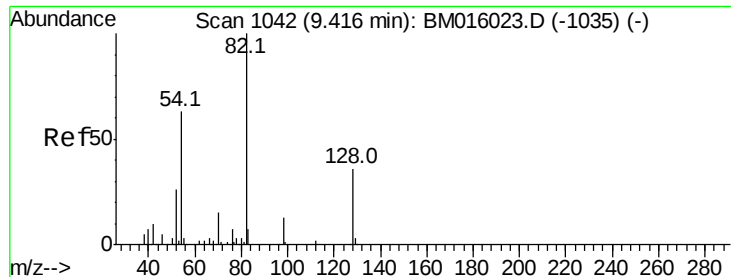
Abundance Ion 136.00 (135.70 to 136.70): BM016401.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016401.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016401.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016401.D (-1282) (-)

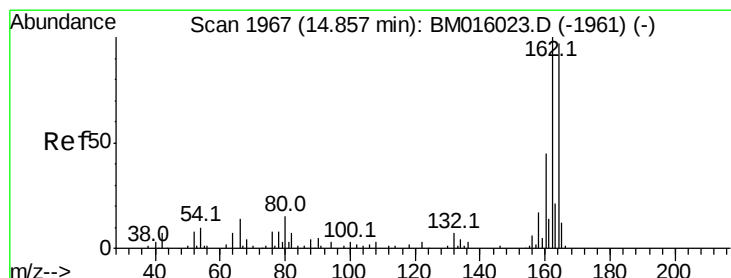
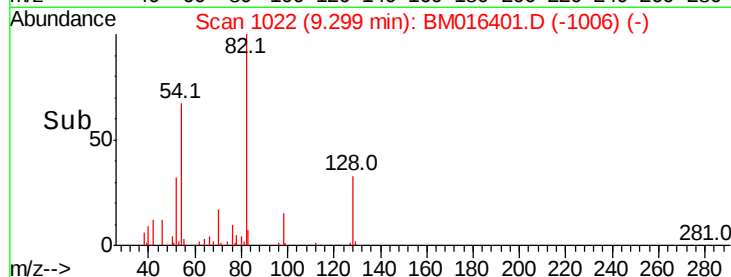
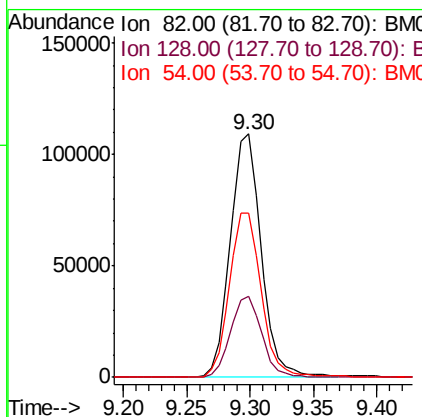
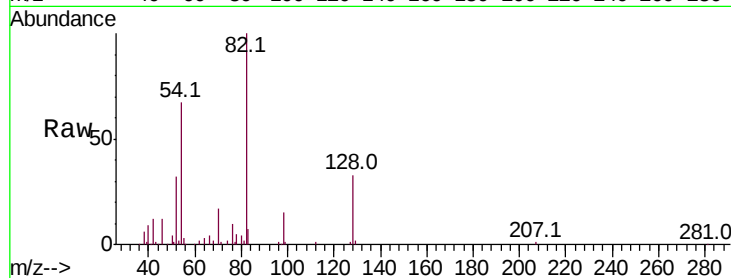




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

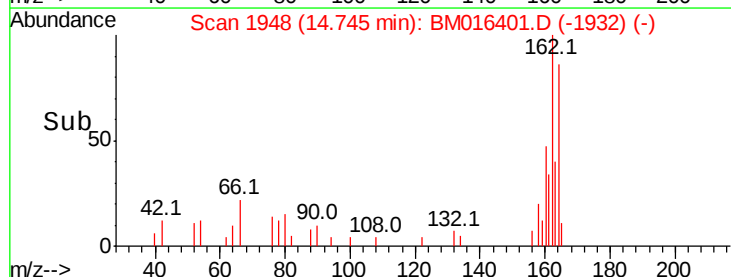
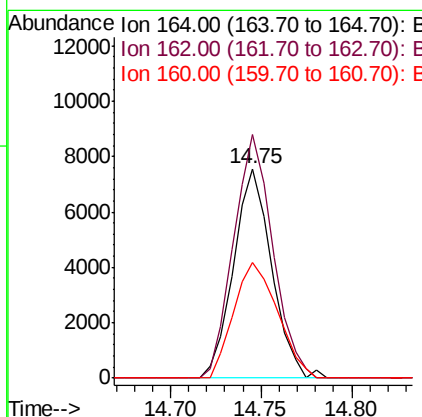
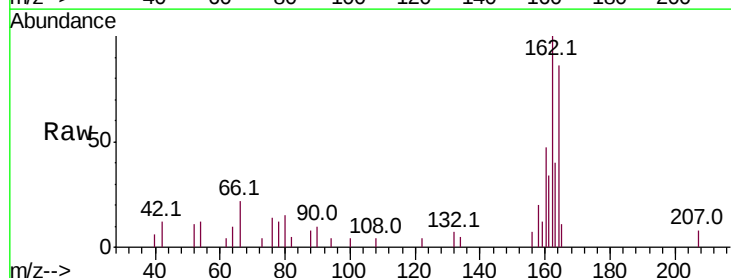
Instrument :
BNA_M
ClientSampled :

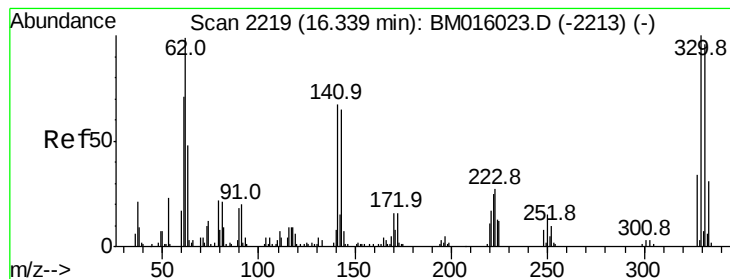
Tot Ion: 82 Resp: 184722
Ion Ratio Lower Upper
82 100
128 33.4 32.8 49.2
54 67.4 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion: 164 Resp: 11051
Ion Ratio Lower Upper
164 100
162 116.4 82.4 123.6
160 55.1 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: BM016401.D

Acq: 16 Aug 2018 05:00

Instrument :

BNA_M

ClientSampled :

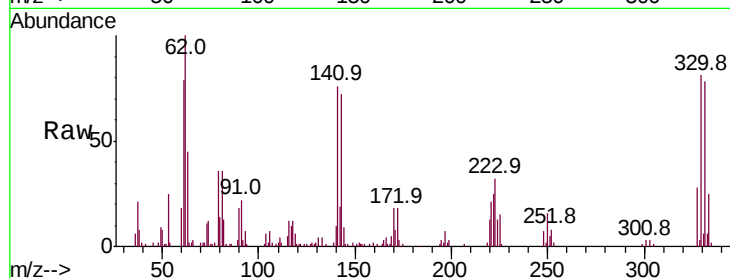
Tot Ion:330 Resp: 75395

Ion Ratio Lower Upper

330 100

332 94.8 0.0 0.0#

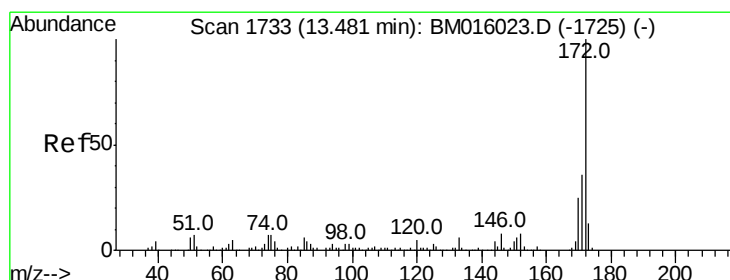
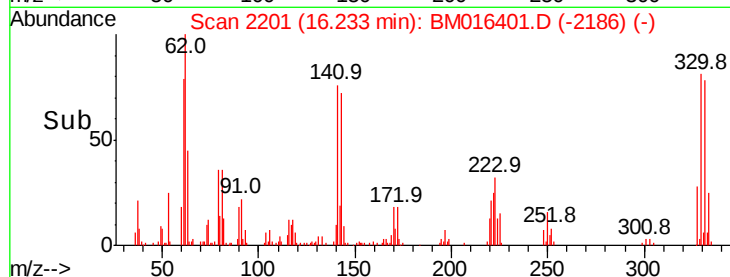
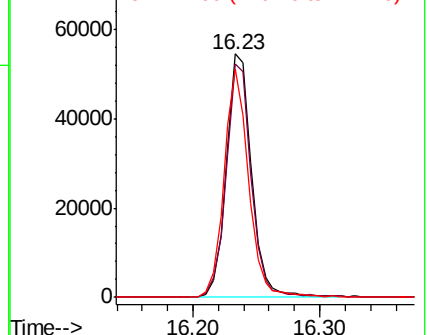
141 90.8 0.0 0.0#



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: BM016401.D

Acq: 16 Aug 2018 05:00

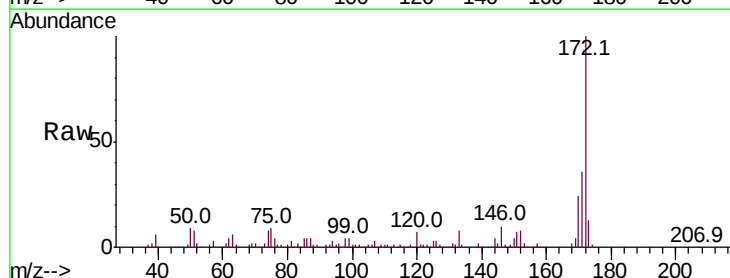
Tgt Ion:172 Resp: 358913

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

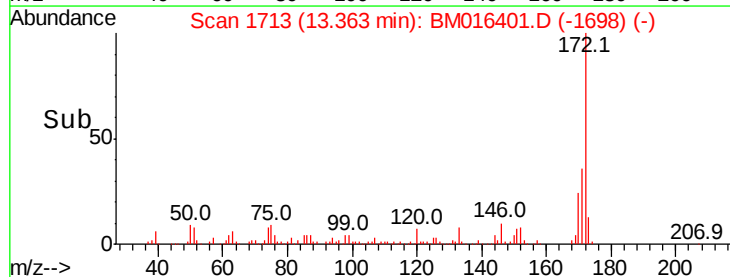
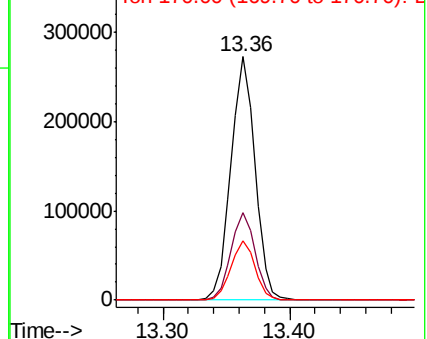
170 24.4 18.8 28.2

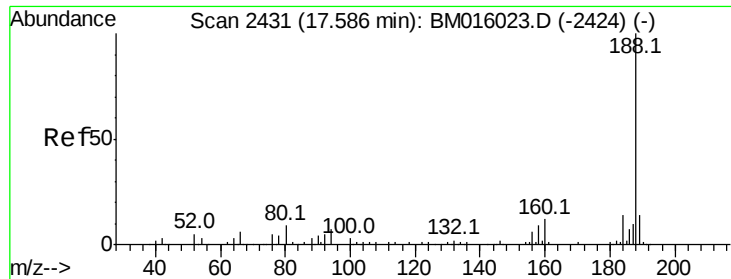


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

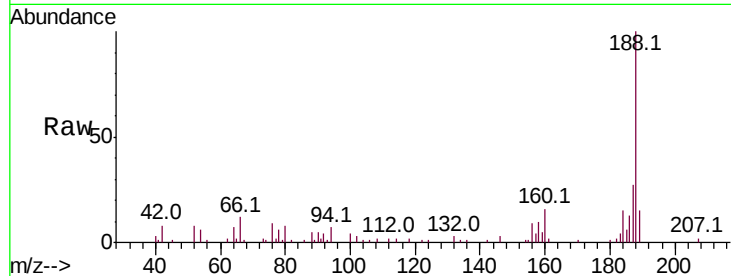




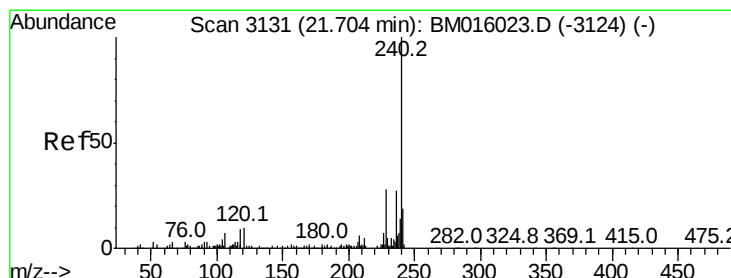
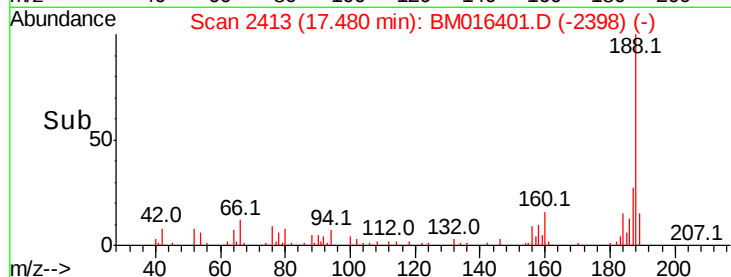
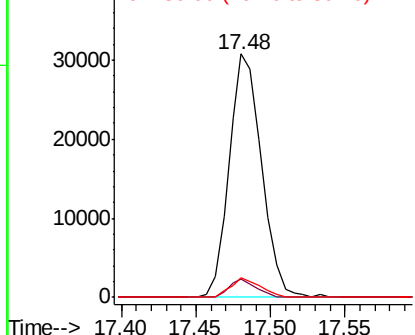
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.0	9.3	13.9#

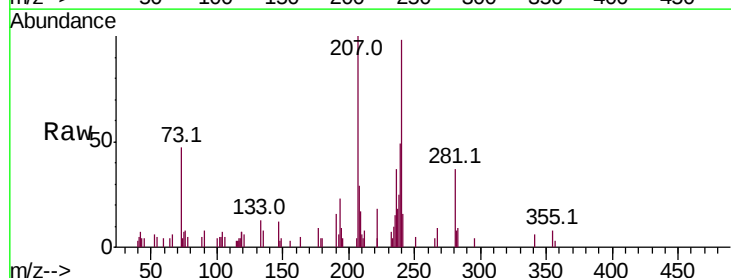


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM016401.D
Ion 80.00 (79.70 to 80.70): BM016401.D

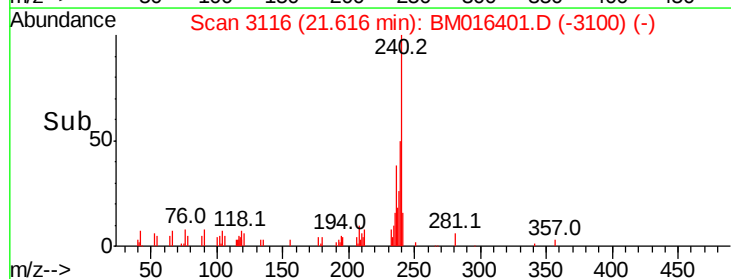
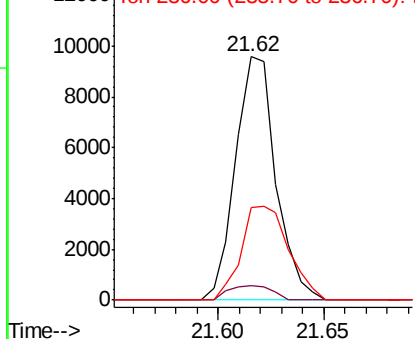


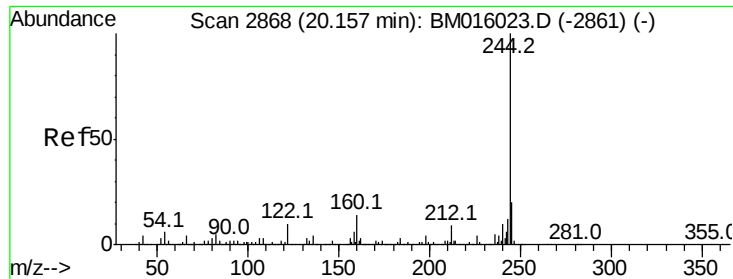
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	8.2	12.2#
236	37.8	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

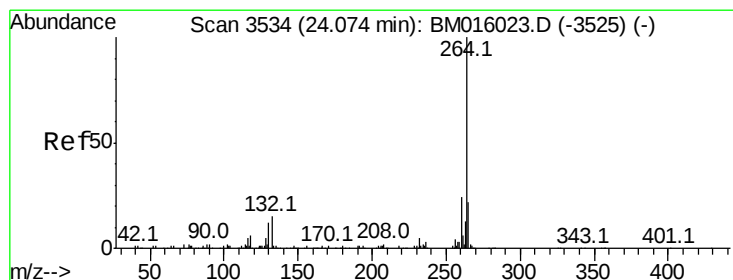
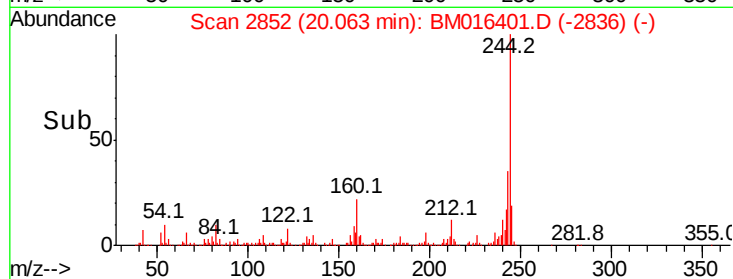
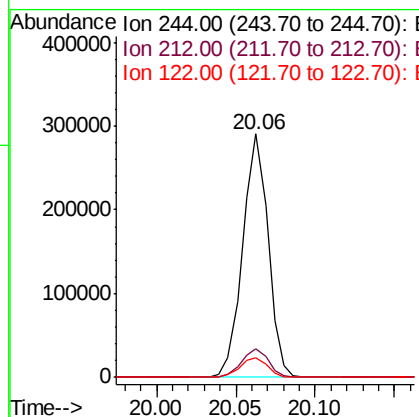
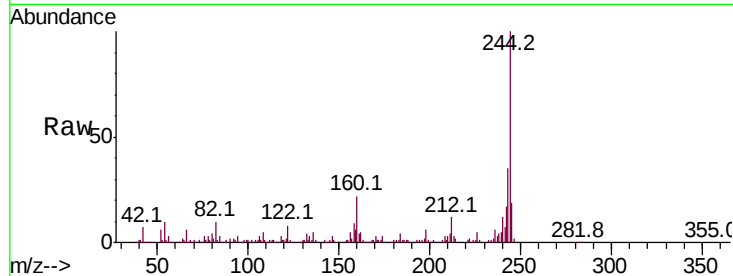




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.06 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BM016401.D
 Acq: 16 Aug 2018 05:00

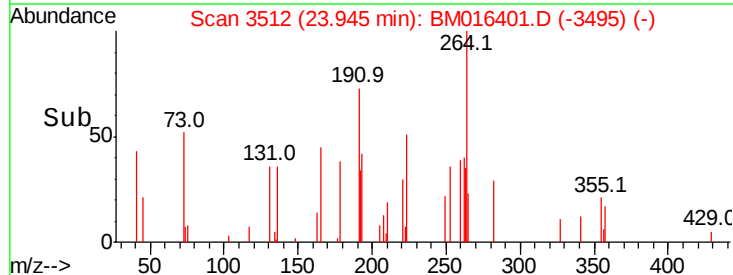
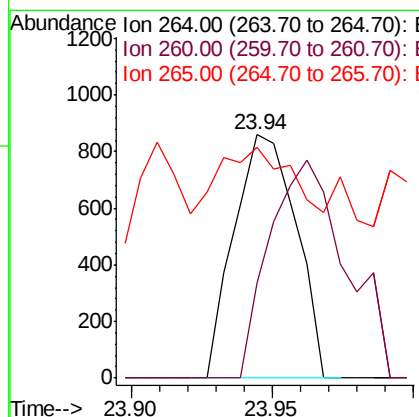
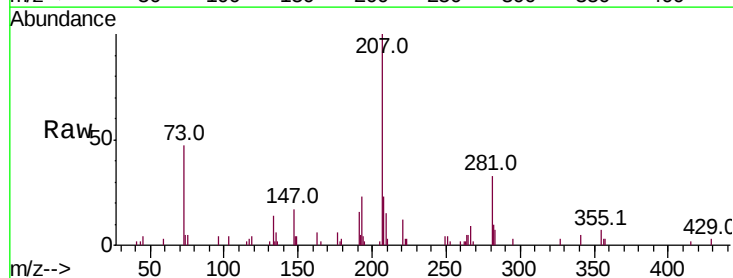
Instrument :
 BNA_M
 ClientSampleId :

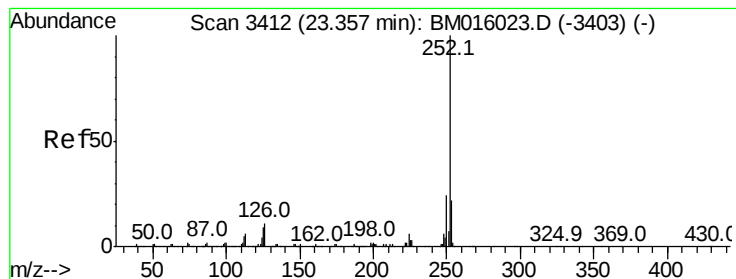
Tot Ion	Ratio	Lower	Upper
244	100		
212	11.6	4.9	7.3#
122	8.2	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BM016401.D
 Acq: 16 Aug 2018 05:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	39.2	18.6	27.8#
265	94.9	17.3	25.9#





#87

Benzo(b)fluoranthene

Concen: 2.924 ng

RT: 23.24 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Instrument :

BNA_M

ClientSampleId :

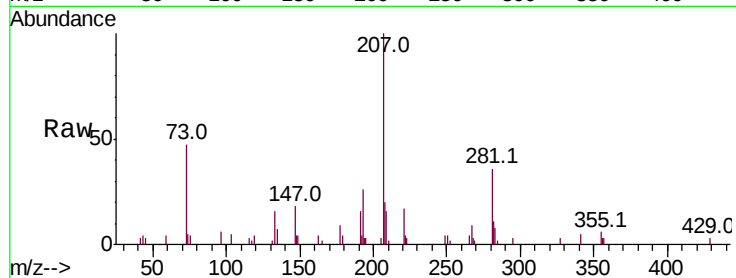
Tot Ion:252 Resp: 225

Ion Ratio Lower Upper

252 100

253 0.0 18.0 27.0#

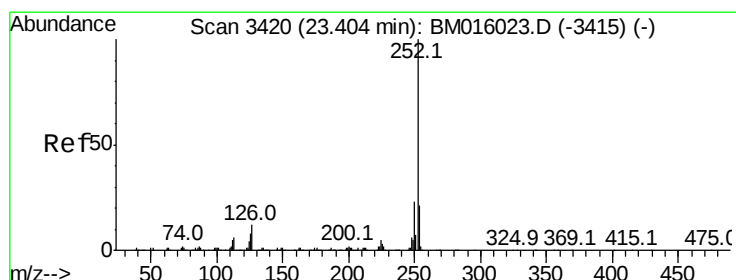
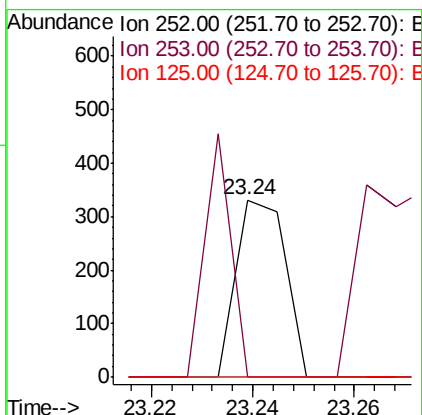
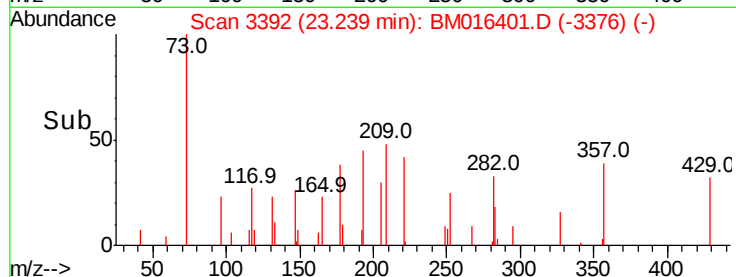
125 0.0 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.885 ng

RT: 23.24 min Scan# 3392

Delta R.T. -0.05 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

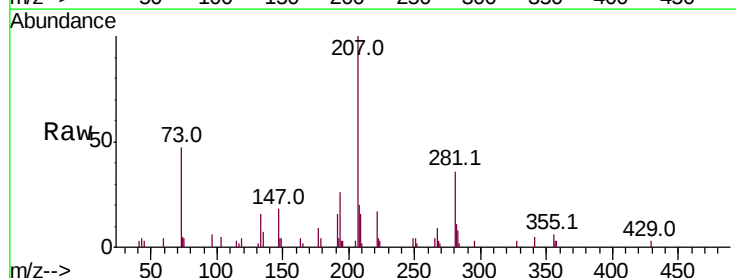
Tgt Ion:252 Resp: 225

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

125 0.0 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

