

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016412.D
 Acq On : 16 Aug 2018 11:39
 Operator : SJ/JU
 Sample : J4471-27RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 16 13:41:35 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

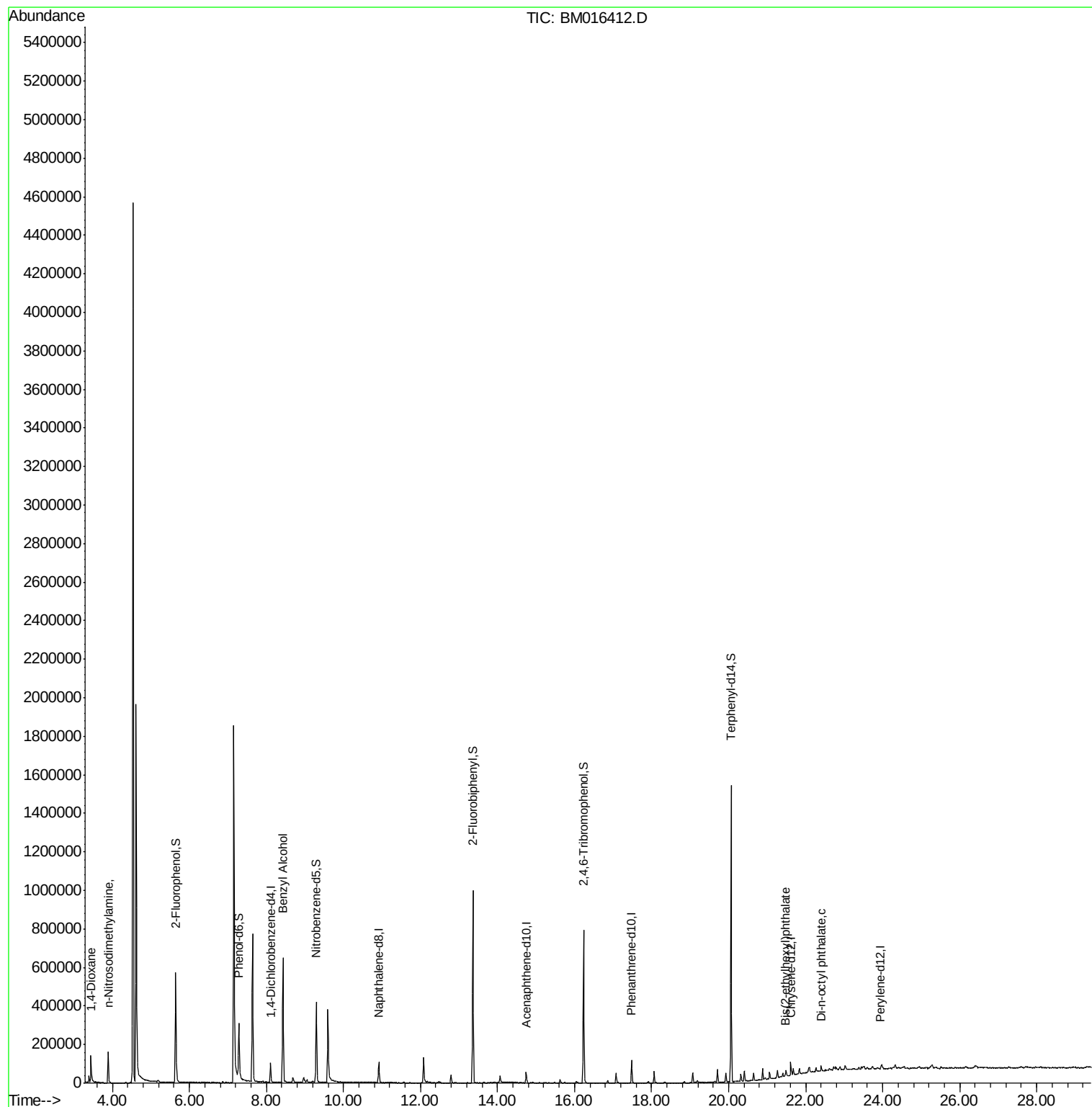
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19470	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	63934	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	12653	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	47170	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	16273	20.00	ng	0.00
86) Perylene-d12	23.94	264	918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	170967	145.86	ng	0.00
7) Phenol-d6	7.28	99	86982	56.83	ng	0.00
23) Nitrobenzene-d5	9.30	82	186521	135.69	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	67163	418.51	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	339353	326.33	ng	-0.01
78) Terphenyl-d14	20.06	244	354405	455.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	59773	108.843	ng	# 100
4) n-Nitrosodimethylamine	3.89	42	8636	8.369	ng	# 1
15) Benzyl Alcohol	8.43	79	4638	3.805	ng	# 30
83) Bis(2-ethylhexyl)phthalate	21.49	149	1660	2.312	ng	# 52
84) Di-n-octyl phthalate	22.40	149	2422	2.007	ng	# 98

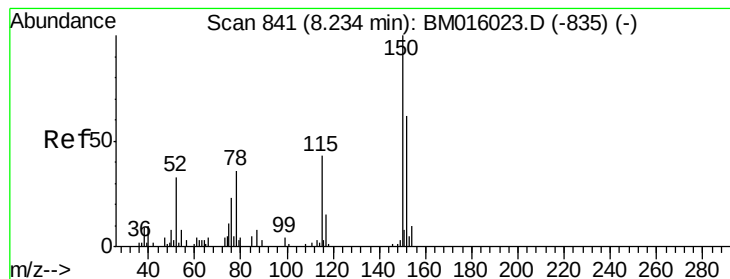
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

Instrument :

BNA_M

ClientSampled :

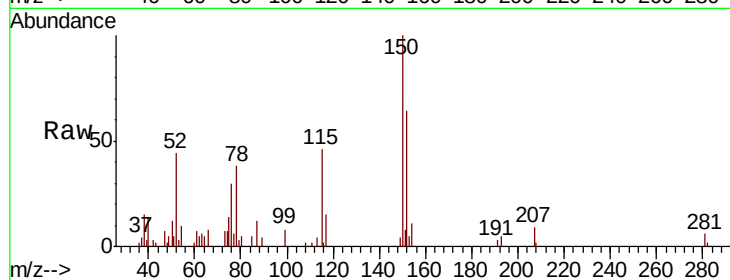
Tot Ion:152 Resp: 19470

Ion Ratio Lower Upper

152 100

150 156.5 119.5 179.3

115 72.4 43.0 64.4#

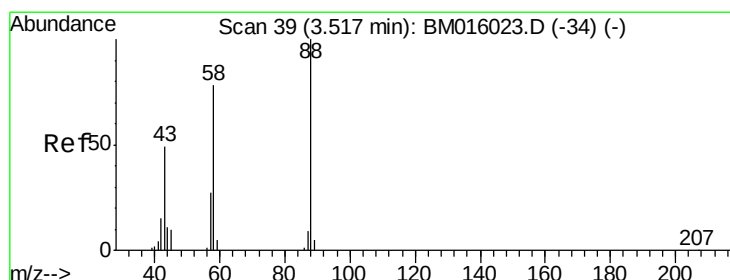
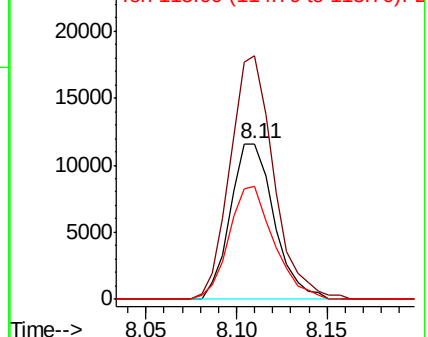
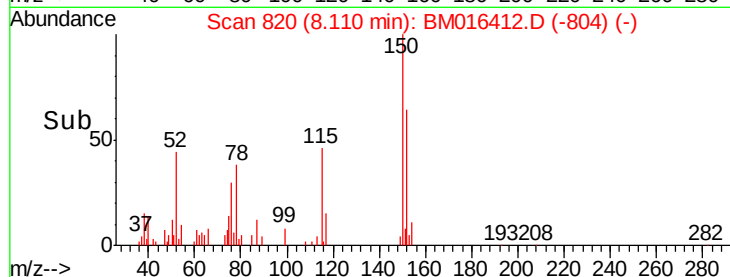


Abundance

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



#2

1,4-Dioxane

Concen: 108.843 ng

RT: 3.45 min Scan# 28

Delta R.T. 0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

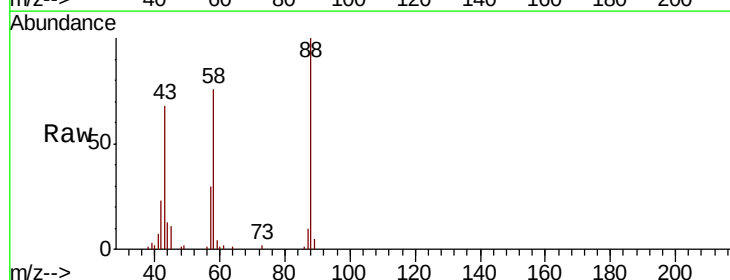
Tgt Ion: 88 Resp: 59773

Ion Ratio Lower Upper

88 100

58 79.0 0.0 0.0#

43 64.3 0.0 0.0#

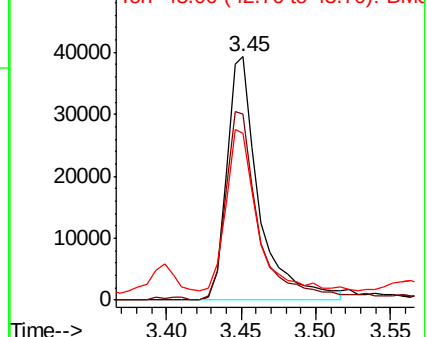
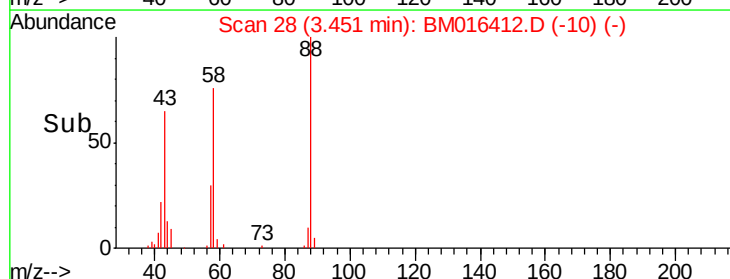


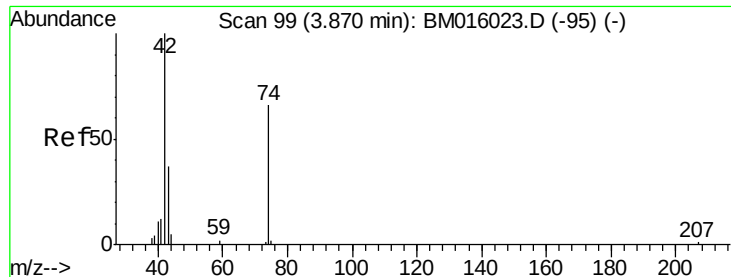
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



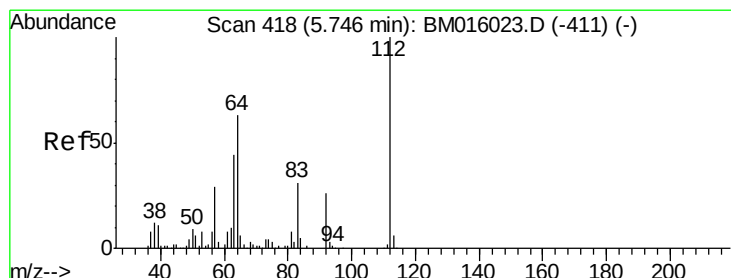
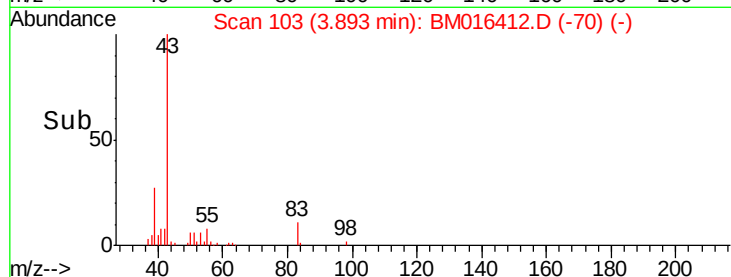
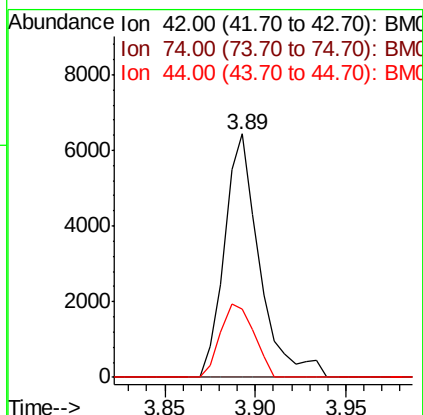
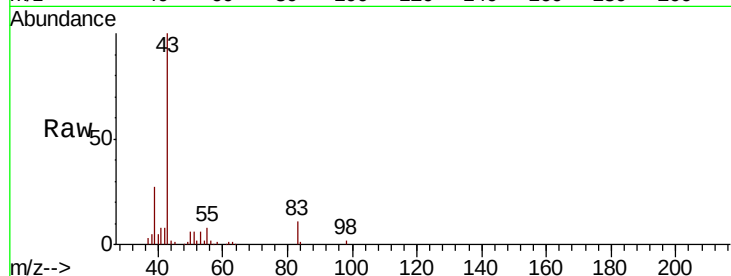


#4

n-Nitrosodimethylamine
 Concen: 8.369 ng
 RT: 3.89 min Scan# 103
 Delta R.T. 0.09 min
 Lab File: BM016412.D
 Acq: 16 Aug 2018 11:39

Instrument :
 BNA_M
 ClientSampleId :

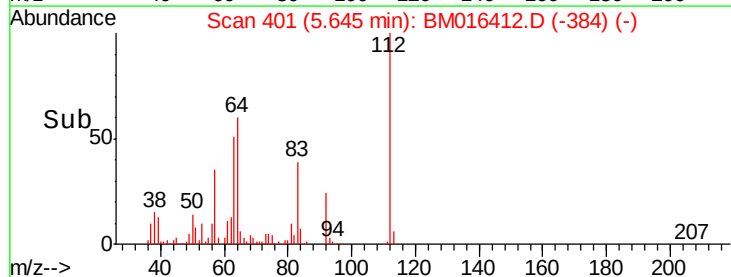
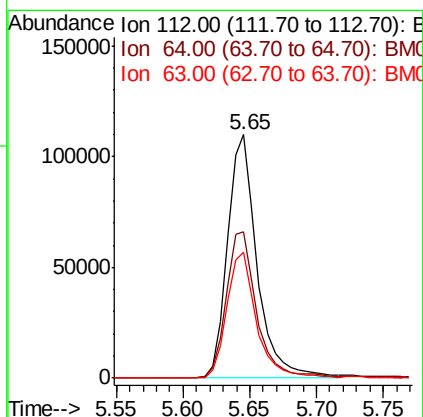
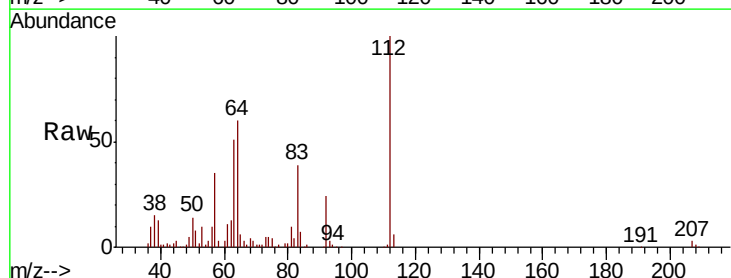
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	119.3	178.9#
44	27.9	5.4	8.2#

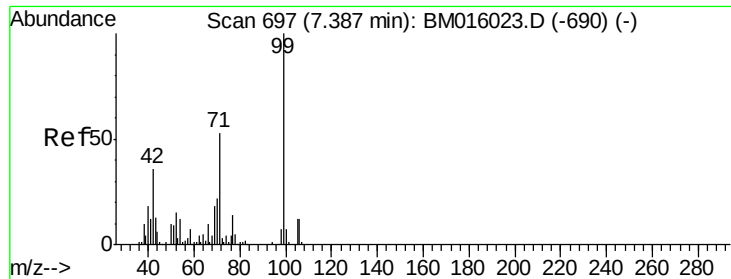


#5

2-Fluorophenol
 Concen: 8.369 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BM016412.D
 Acq: 16 Aug 2018 11:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	38.6	57.8#
63	51.5	19.3	28.9#





#7

Phenol-d6

Concen: N.D. na

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

Instrument :

BNA_M

ClientSampleId :

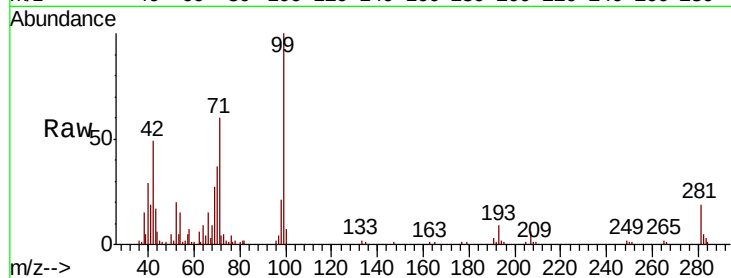
Tot Ion: 99 Resp: 86982

Ion Ratio Lower Upper

99 100

42 48.7 11.0 16.4#

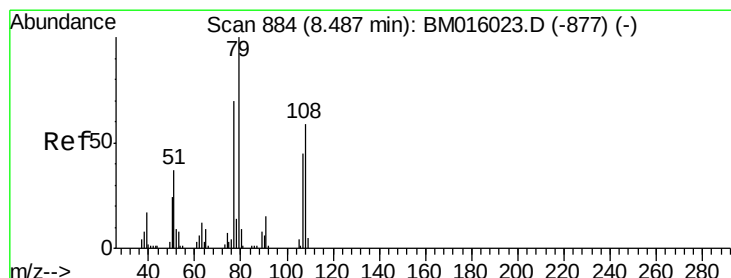
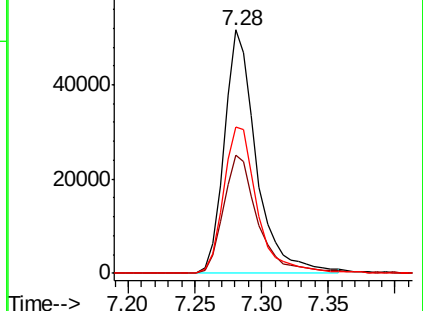
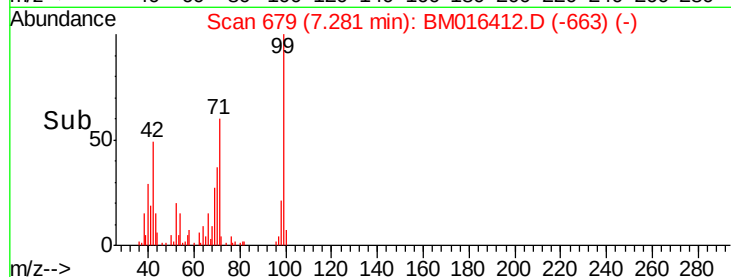
71 60.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016412.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016412.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016412.D (-663) (-)



#15

Benzyl Alcohol

Concen: 3.805 ng

RT: 8.43 min Scan# 874

Delta R.T. 0.05 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

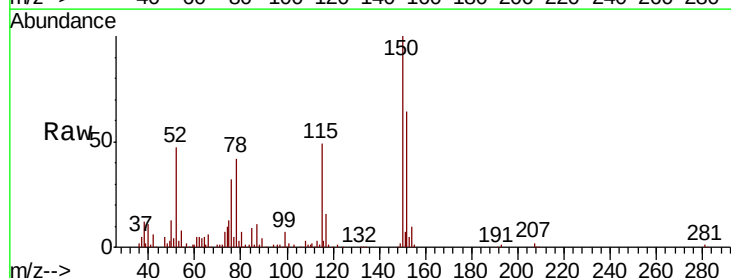
Tgt Ion: 79 Resp: 4638

Ion Ratio Lower Upper

79 100

108 95.9 65.0 97.4

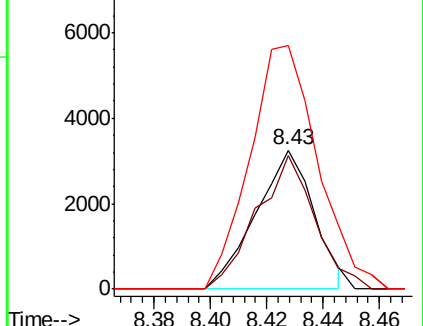
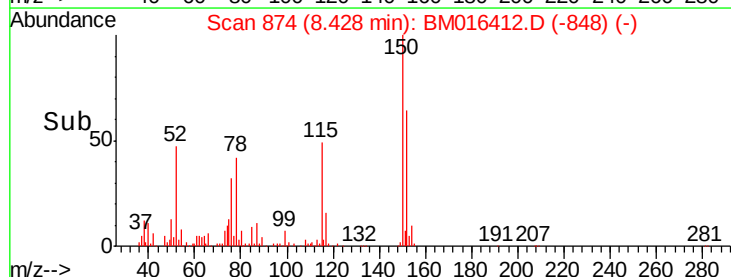
77 175.1 53.0 79.6#

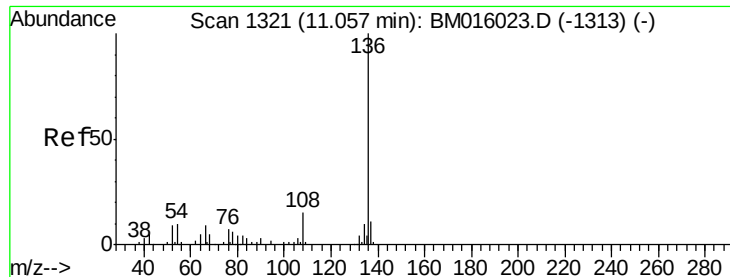


Abundance Ion 79.00 (78.70 to 79.70): BM016412.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016412.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016412.D (-848) (-)

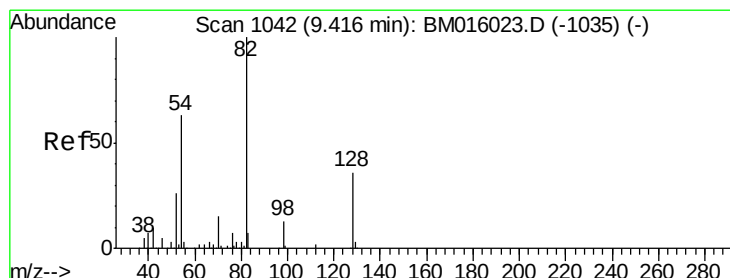
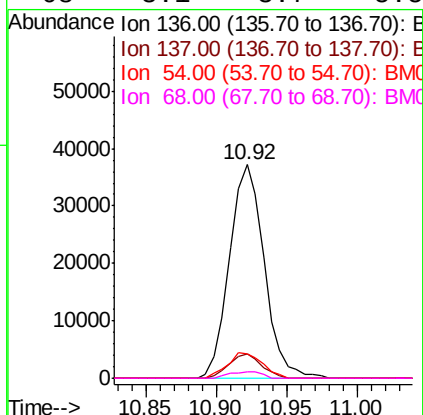
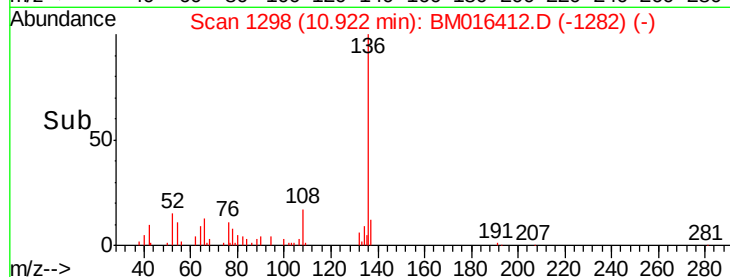
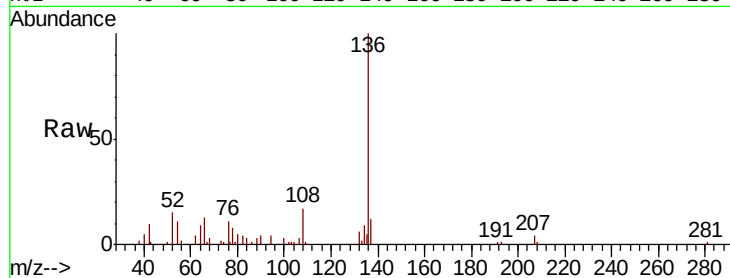




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

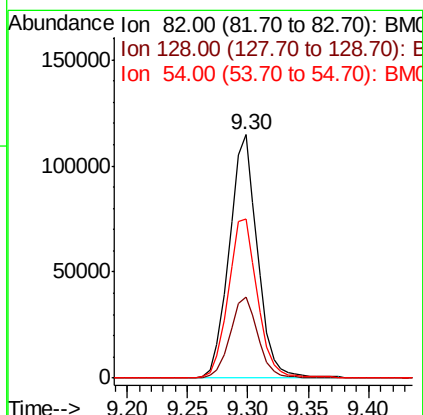
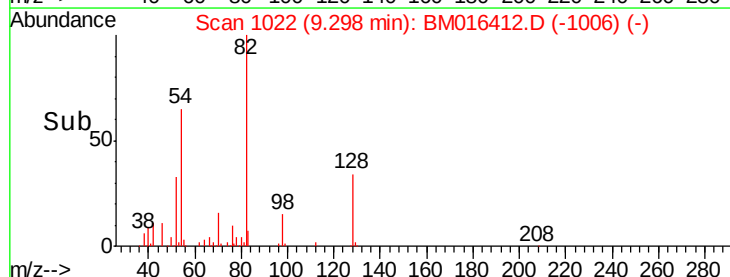
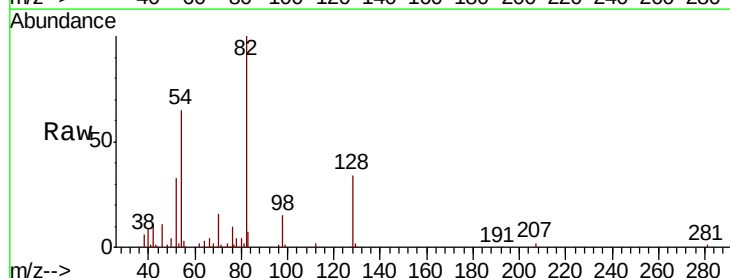
Instrument :
BNA_M
ClientSampleId :

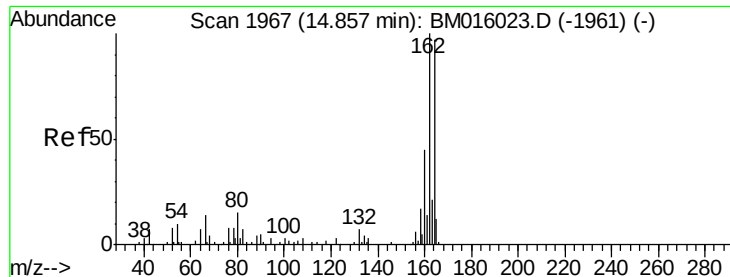
Tot Ion:136	Resp: 63934
Ion Ratio	Lower Upper
136 100	
137 11.6	8.7 13.1
54 11.2	4.6 6.8#
68 3.1	3.7 5.5#



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Tgt	Ion: 82	Resp:	186521
Ion	Ratio	Lower	Upper
82	100		
128	33.6	32.8	49.2
54	65.3	40.6	60.8#

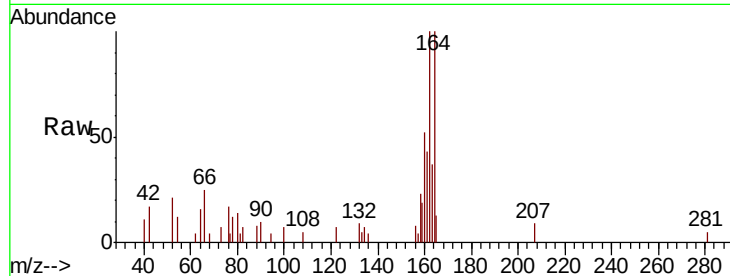




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016412.D
 Acq: 16 Aug 2018 11:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	51.8	35.8	53.6

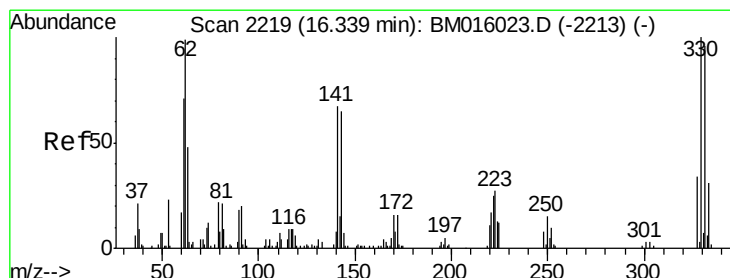
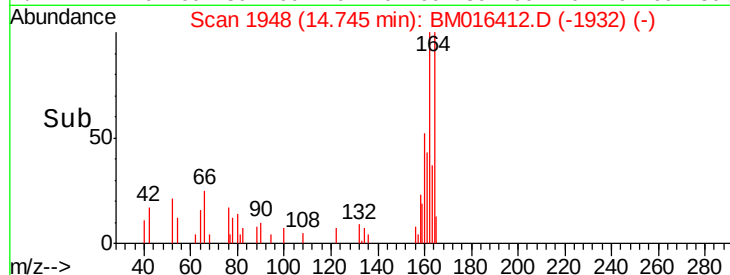
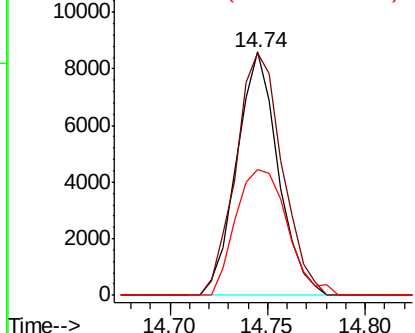


Abundance

Ion 164.00 (163.70 to 164.70): E

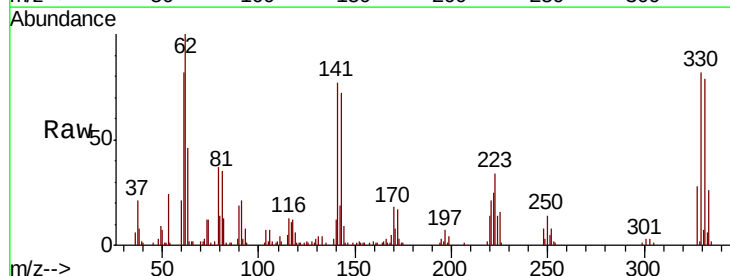
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM016412.D
 Acq: 16 Aug 2018 11:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	95.0	0.0	0.0#

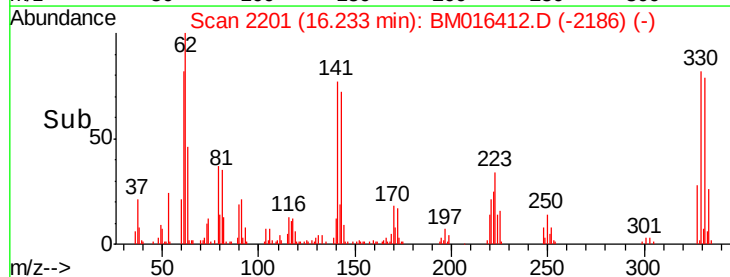
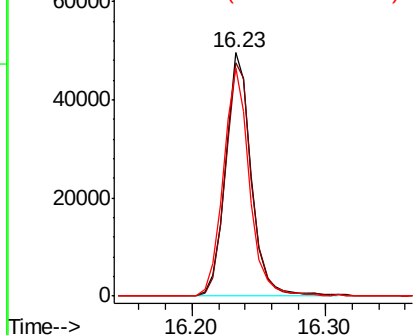


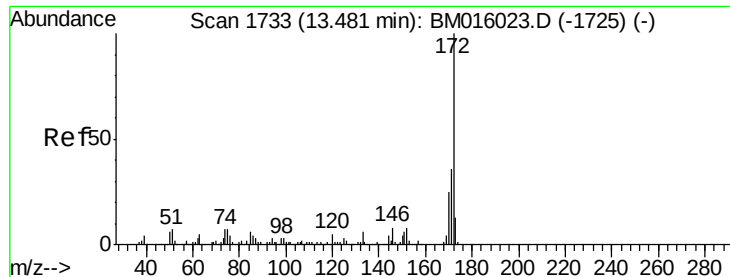
Abundance

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

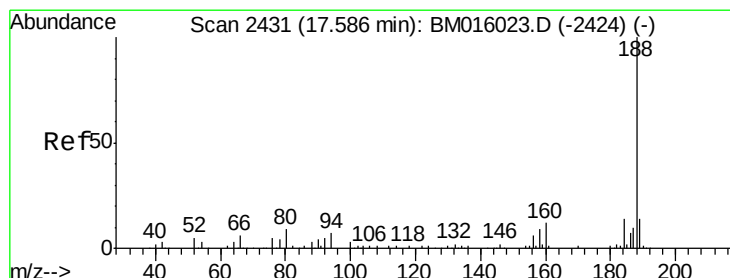
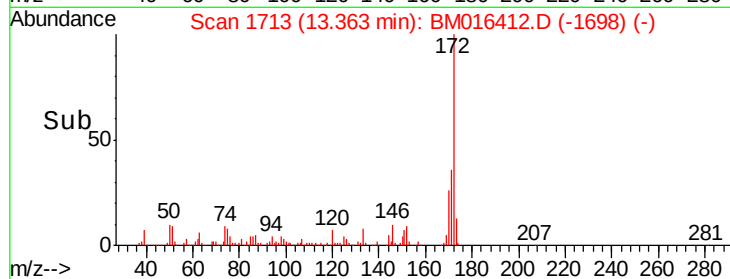
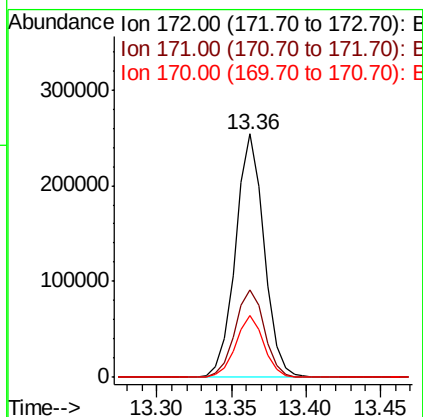
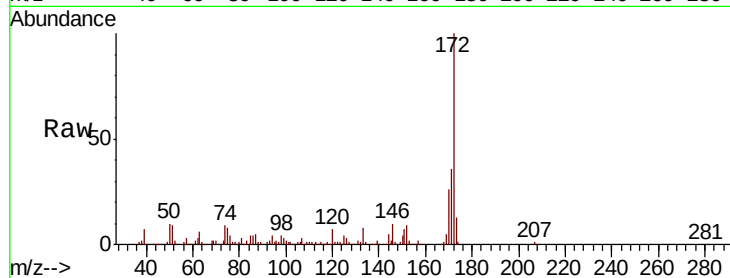




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

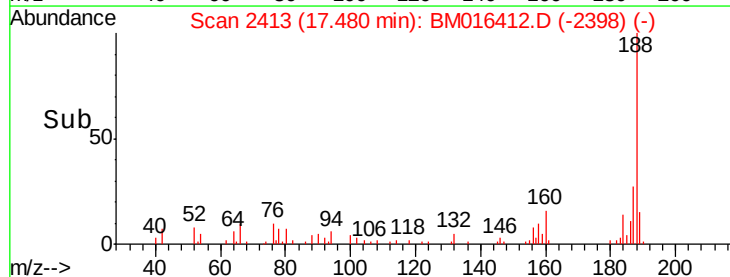
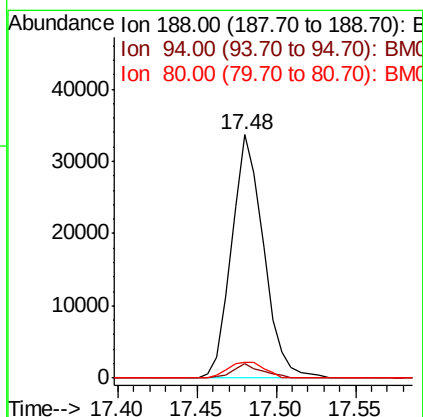
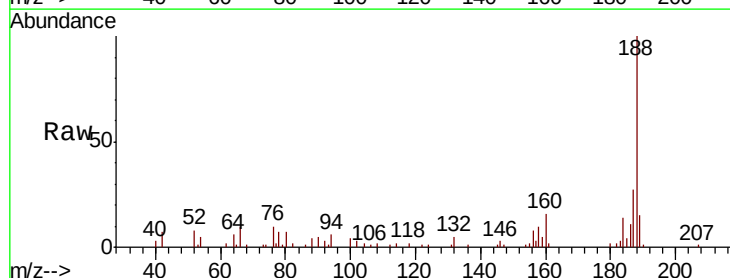
Instrument :
BNA_M
ClientSampleId :

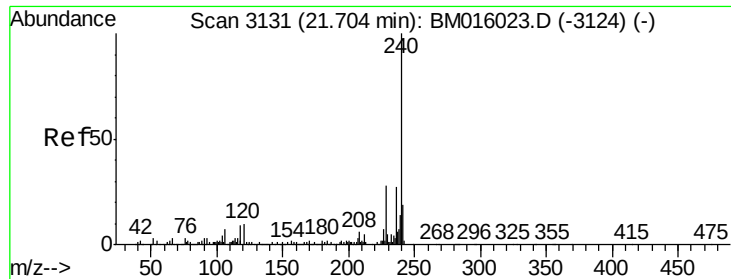
Tot Ion:172 Resp: 339353
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 25.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016412.D
Acq: 16 Aug 2018 11:39

Tgt Ion:188 Resp: 47170
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 6.6 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

Instrument :

BNA_M

ClientSampleId :

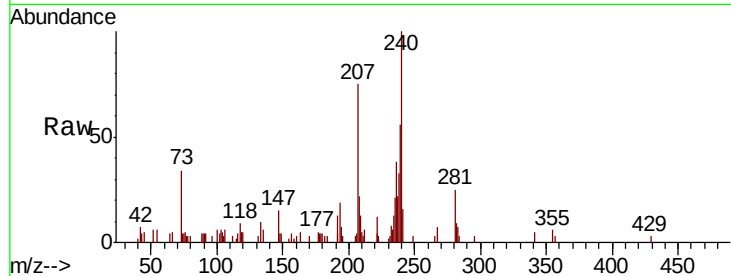
Tot Ion:240 Resp: 16273

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

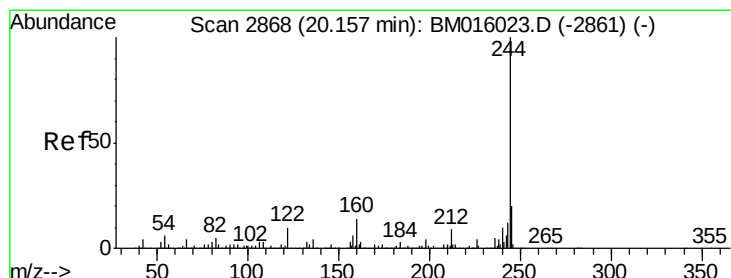
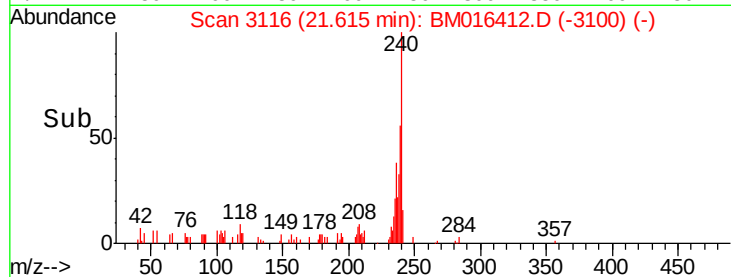
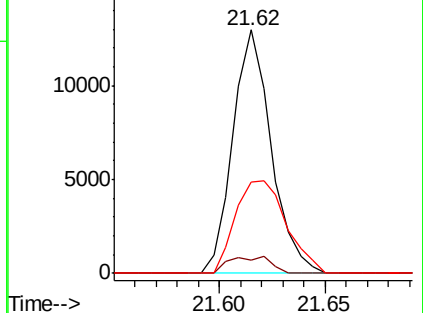
236 37.7 20.0 30.0#



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: BM016412.D

Acq: 16 Aug 2018 11:39

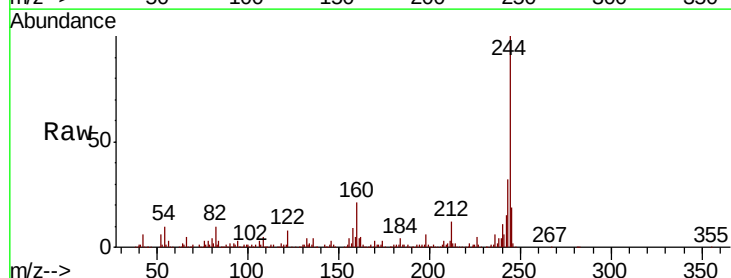
Tgt Ion:244 Resp: 354405

Ion Ratio Lower Upper

244 100

212 12.0 4.9 7.3#

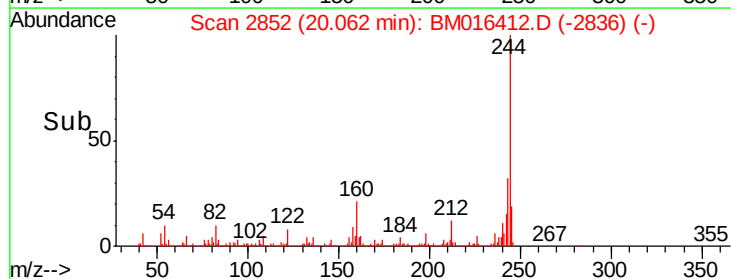
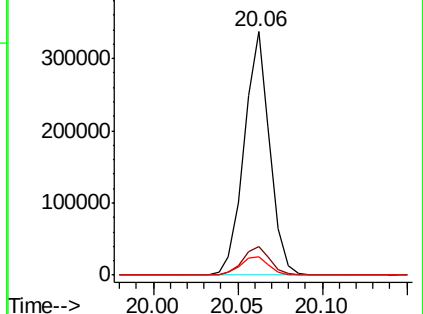
122 7.6 6.2 9.4

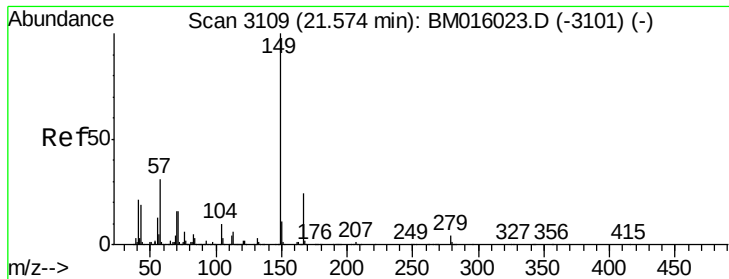


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.312 ng

RT: 21.49 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

Instrument :

BNA_M

ClientSampled :

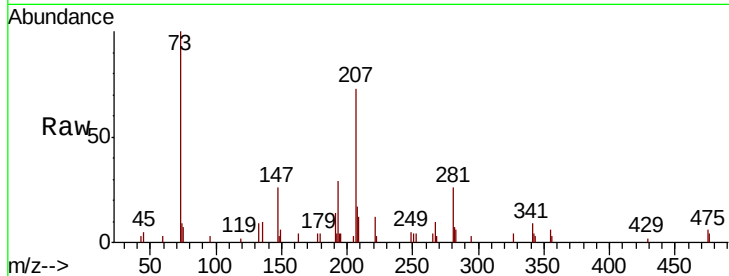
Tot Ion:149 Resp: 1660

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

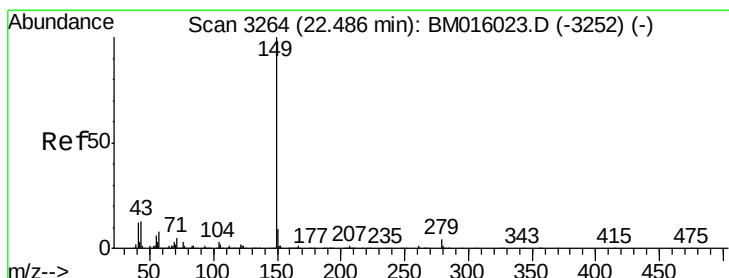
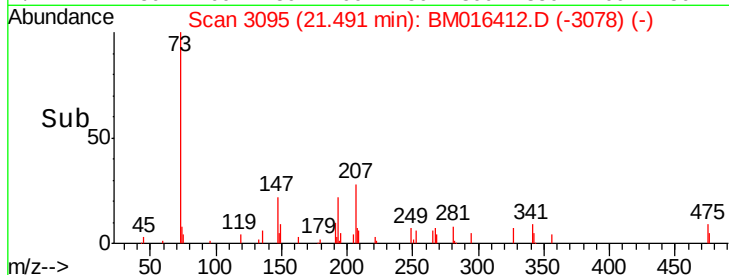
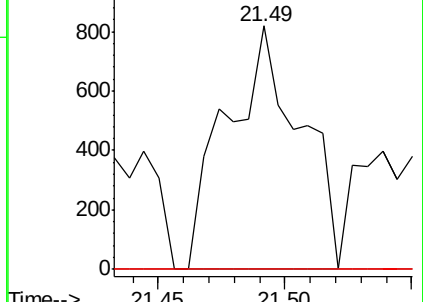
279 0.0 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 2.007 ng

RT: 22.40 min Scan# 3250

Delta R.T. 0.01 min

Lab File: BM016412.D

Acq: 16 Aug 2018 11:39

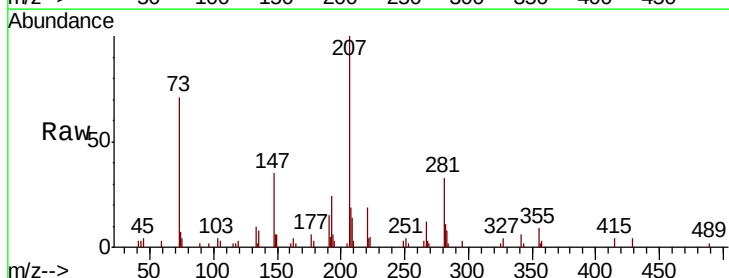
Tgt Ion:149 Resp: 2422

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

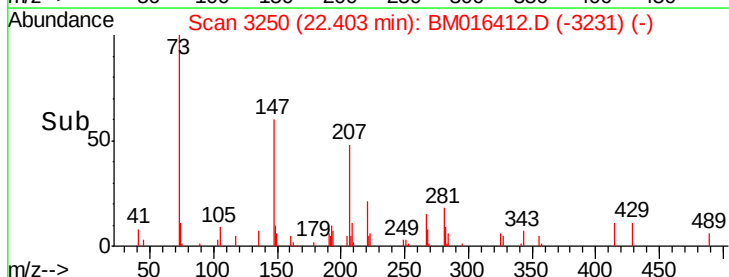
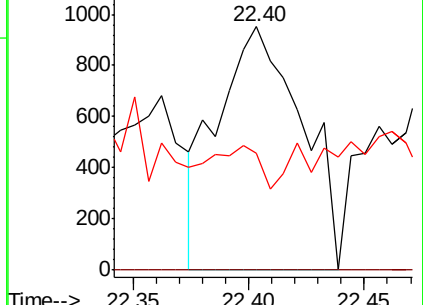
43 9.8 7.3 10.9

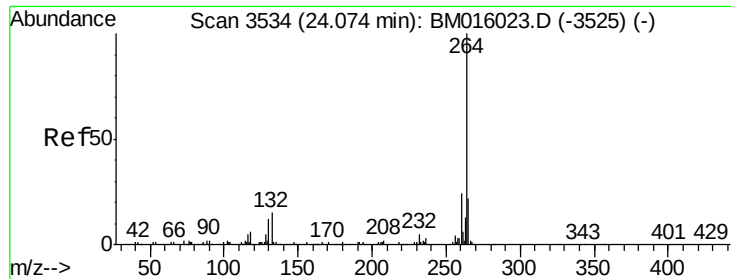


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: BM016412.D
 Acq: 16 Aug 2018 11:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	84.1	18.6	27.8#
265	165.8	17.3	25.9#

