

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016398.D
 Acq On : 16 Aug 2018 03:11
 Operator : SJ/JU
 Sample : J4471-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Aug 16 06:55:31 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

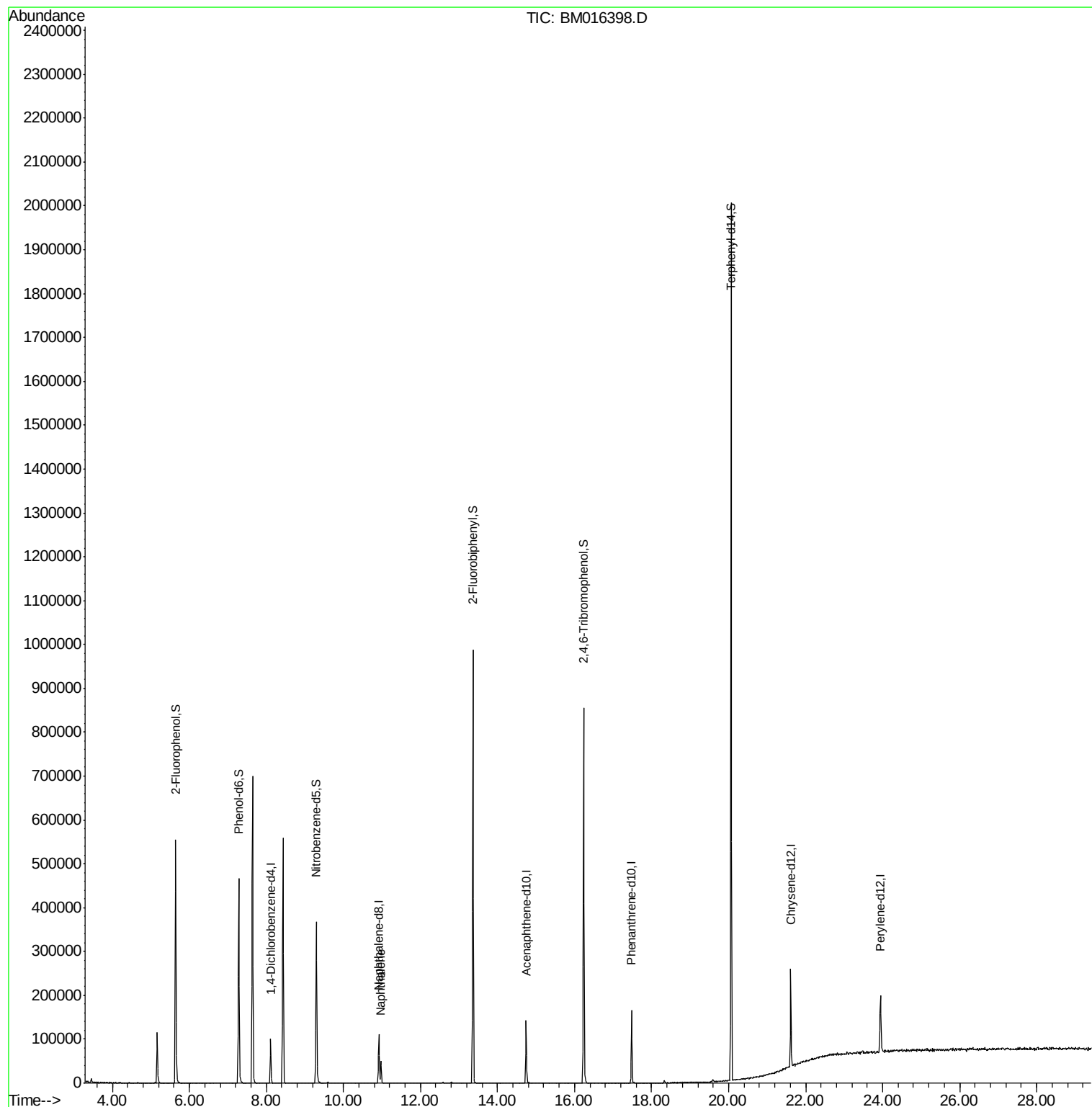
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19705	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	68307	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	36239	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	80486	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	83349	20.00	ng	0.00
86) Perylene-d12	23.94	264	89302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	156234	131.70	ng	0.00
7) Phenol-d6	7.28	99	158875	102.55	ng	0.00
23) Nitrobenzene-d5	9.30	82	172673	117.58	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	74570	162.24	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	338195	113.55	ng	-0.01
78) Terphenyl-d14	20.06	244	584248	146.73	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	32920	9.522	ng	Qvalue 97

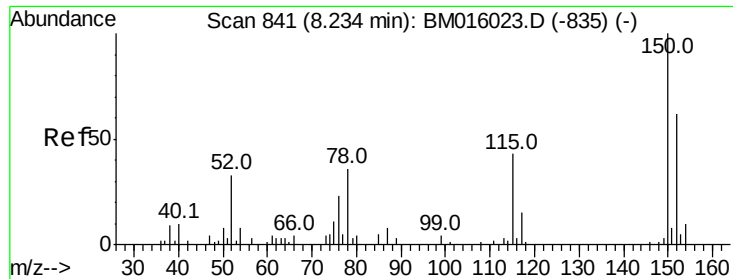
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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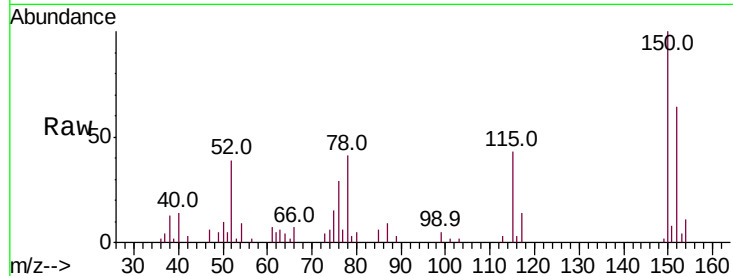


#1

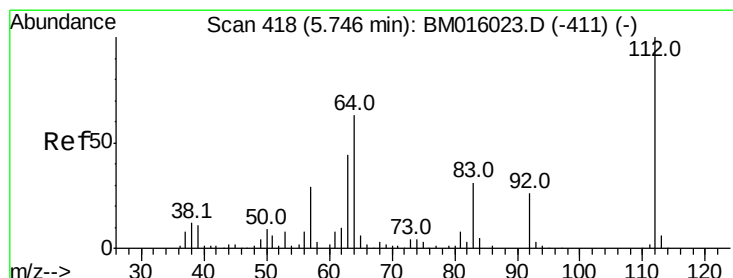
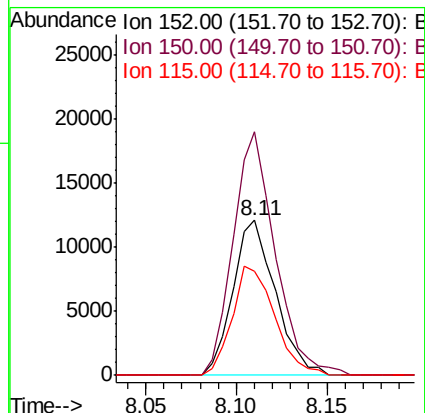
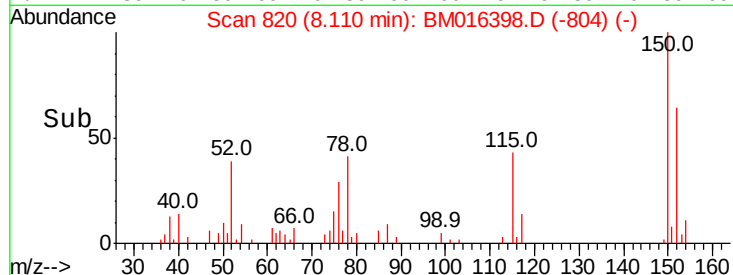
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016398.D
 Acq: 16 Aug 2018 03:11

Instrument :
 BNA_M
 ClientSampled :
 TP-3

Tot Ion:152 Resp: 19705
 Ion Ratio Lower Upper
 152 100
 150 156.8 119.5 179.3
 115 67.1 43.0 64.4#



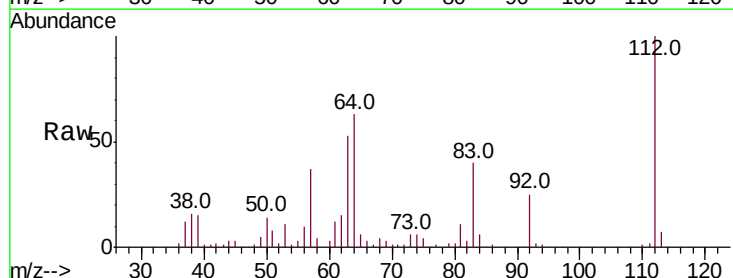
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



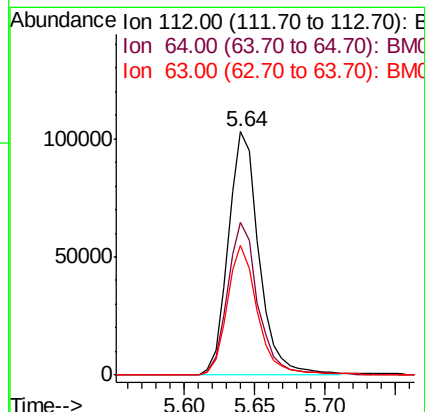
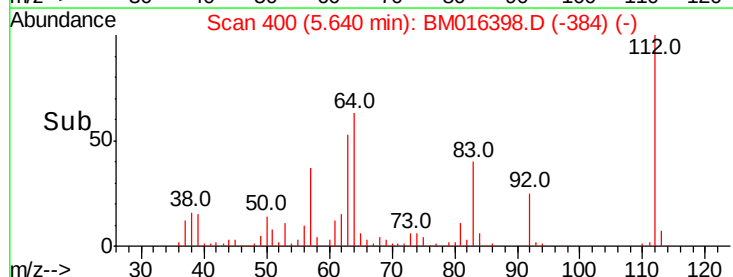
#5

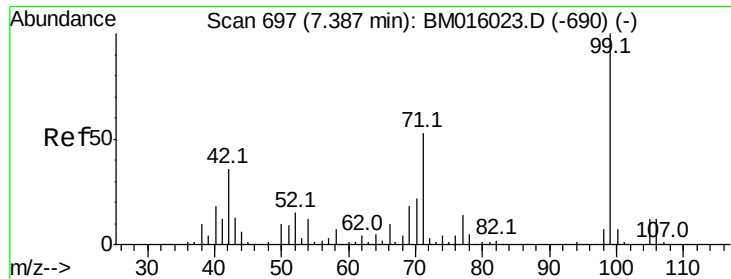
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BM016398.D
 Acq: 16 Aug 2018 03:11

Tgt Ion:112 Resp: 156234
 Ion Ratio Lower Upper
 112 100
 64 62.8 38.6 57.8#
 63 53.3 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: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016398.D

Acq: 16 Aug 2018 03:11

Instrument :

BNA_M

ClientSampleId :

TP-3

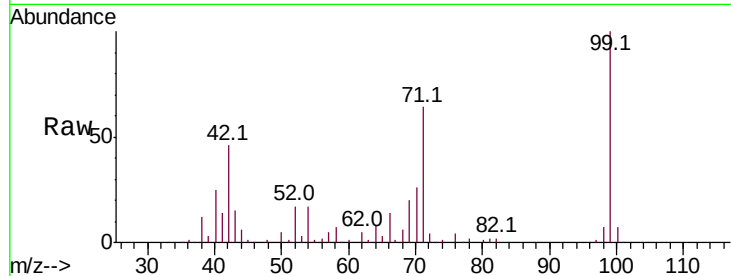
Tot Ion: 99 Resp: 158875

Ion Ratio Lower Upper

99 100

42 46.3 11.0 16.4#

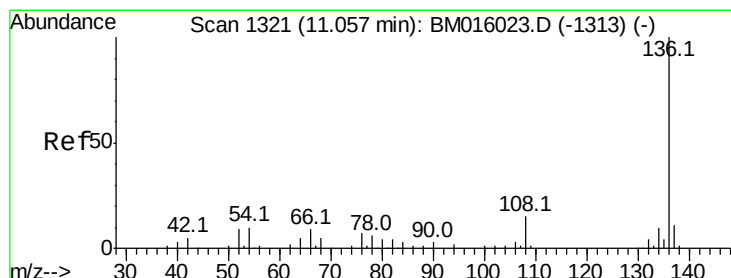
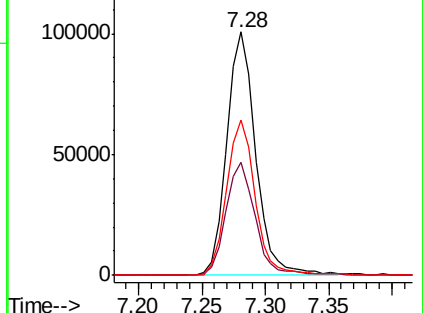
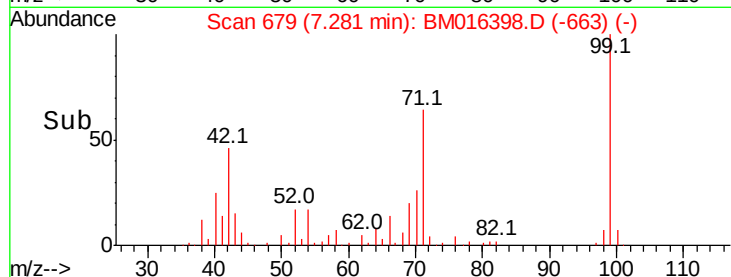
71 63.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016398.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016398.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016398.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016398.D

Acq: 16 Aug 2018 03:11

Tgt Ion: 136 Resp: 68307

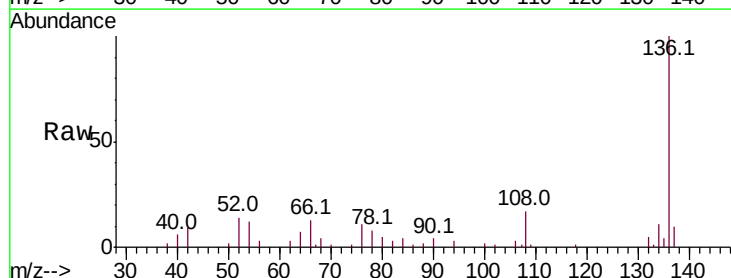
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 11.8 4.6 6.8#

68 3.7 3.7 5.5#

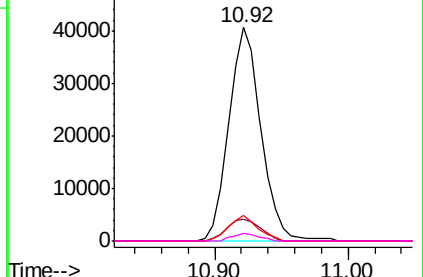
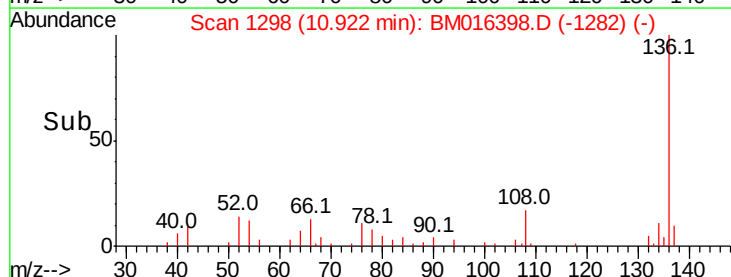


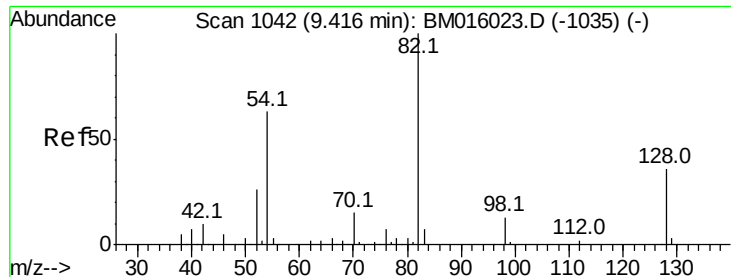
Abundance Ion 136.00 (135.70 to 136.70): BM016398.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016398.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016398.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016398.D (-1282) (-)

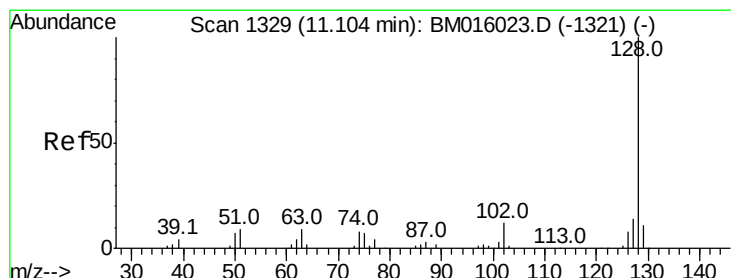
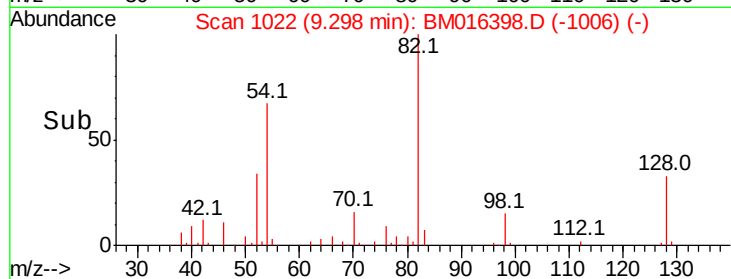
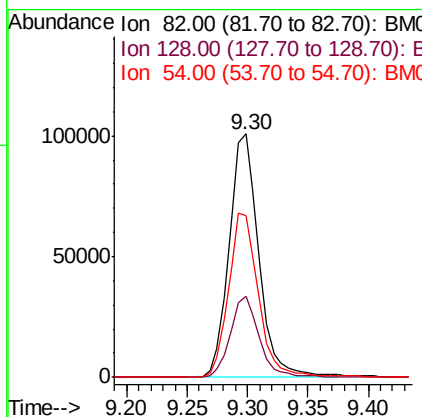
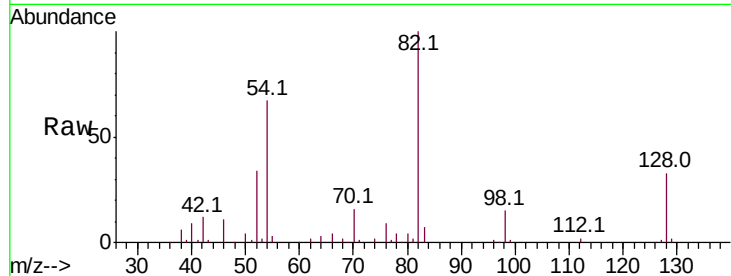




#23
 Nitrobenzene-d5
 Concen: N.D. na
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016398.D
 Acq: 16 Aug 2018 03:11

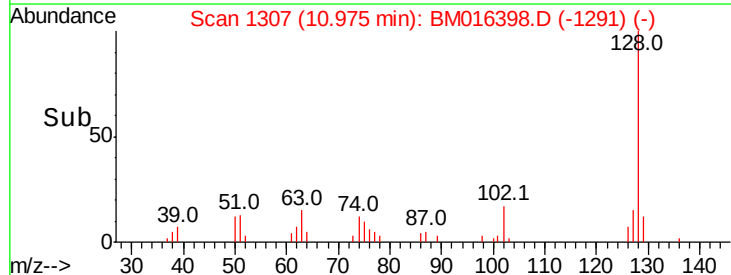
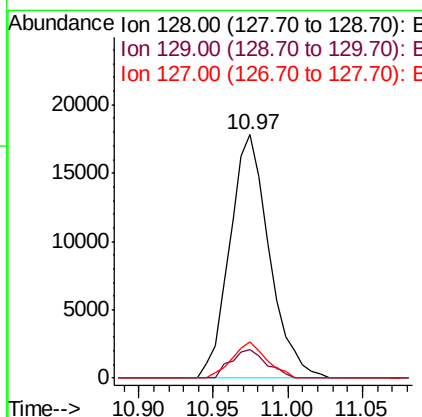
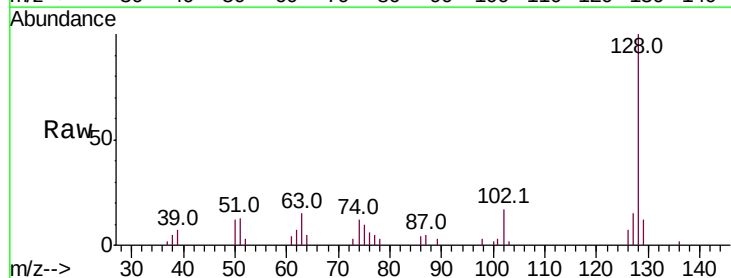
Instrument :
 BNA_M
 ClientSampled :
 TP-3

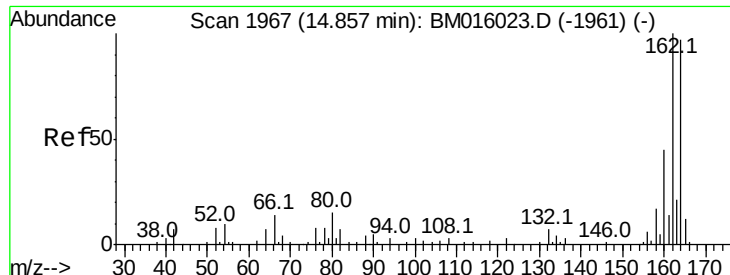
Tot Ion: 82 Resp: 172673
 Ion Ratio Lower Upper
 82 100
 128 33.3 32.8 49.2
 54 66.6 40.6 60.8#



#31
 Naphthalene
 Concen: 9.522 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BM016398.D
 Acq: 16 Aug 2018 03:11

Tgt Ion: 128 Resp: 32920
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.9 13.3
 127 14.8 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM016398.D

Acq: 16 Aug 2018 03:11

Instrument :

BNA_M

ClientSampleId :

TP-3

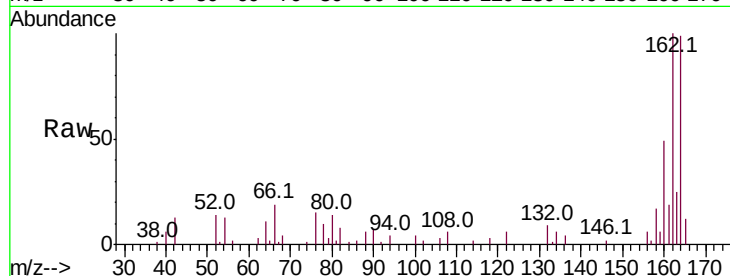
Tot Ion:164 Resp: 36239

Ion Ratio Lower Upper

164 100

162 100.9 82.4 123.6

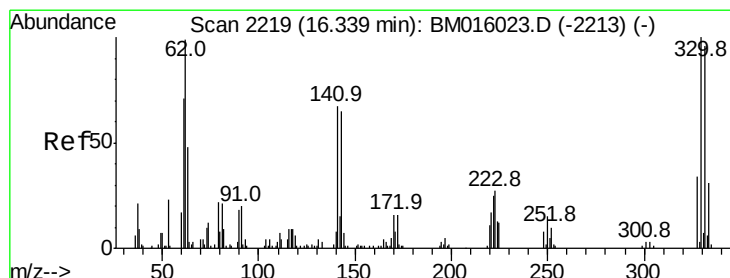
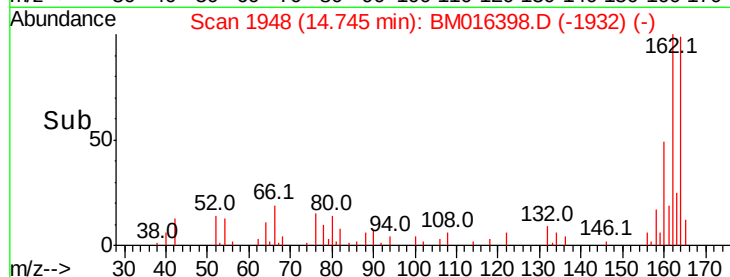
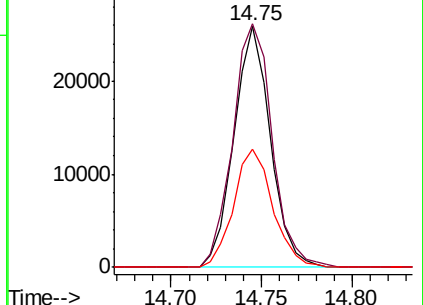
160 49.2 35.8 53.6



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: 16.24 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM016398.D

Acq: 16 Aug 2018 03:11

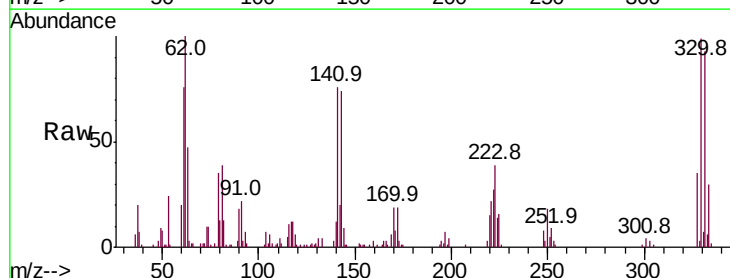
Tgt Ion:330 Resp: 74570

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

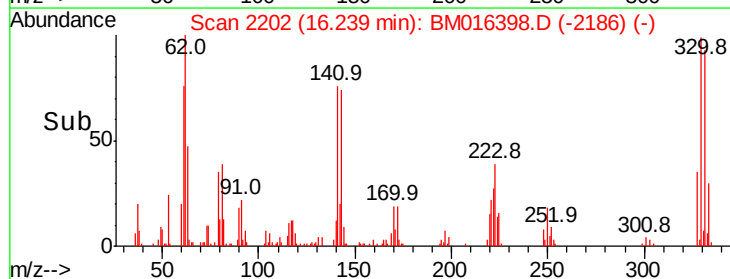
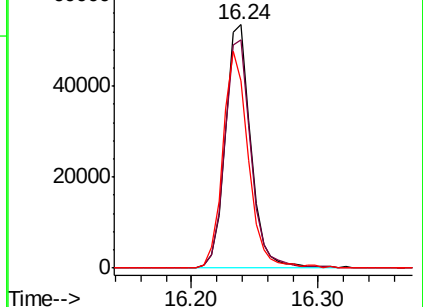
141 89.5 0.0 0.0#

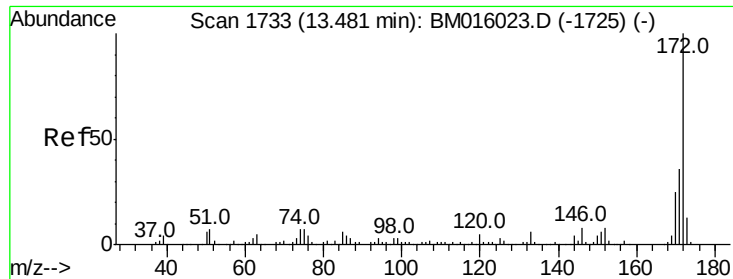


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

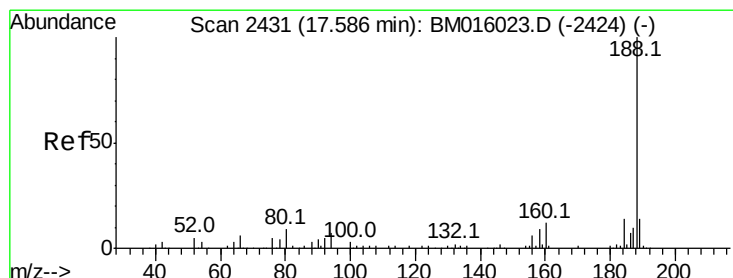
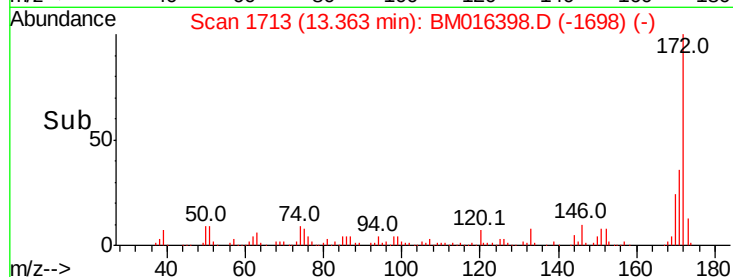
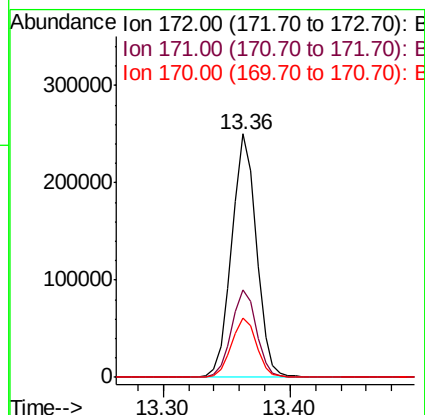
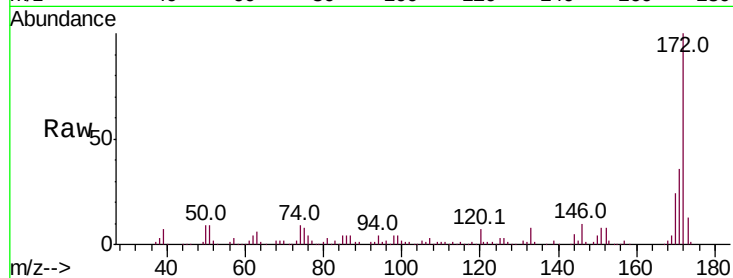




#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016398.D
 Acq: 16 Aug 2018 03:11

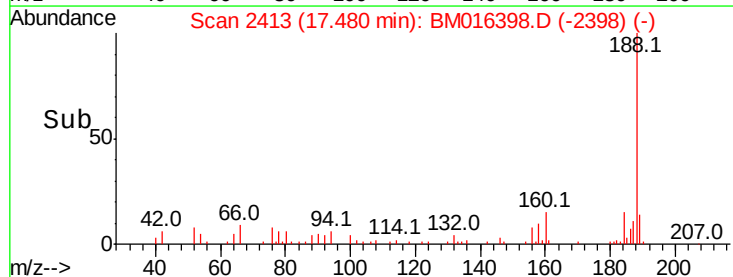
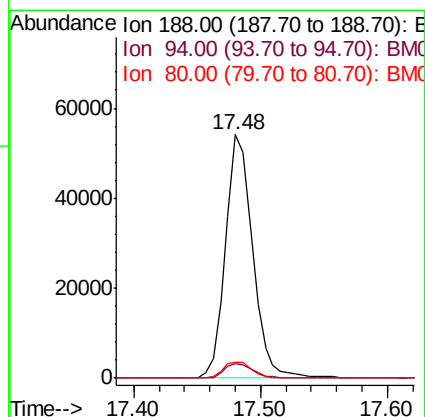
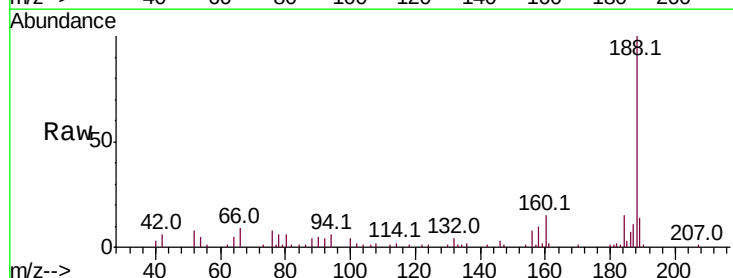
Instrument :
 BNA_M
 ClientSampleId :
 TP-3

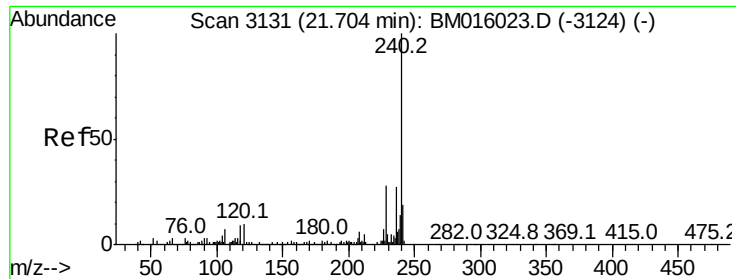
Tot Ion:172 Resp: 338195
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.2 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM016398.D
 Acq: 16 Aug 2018 03:11

Tgt Ion:188 Resp: 80486
 Ion Ratio Lower Upper
 188 100
 94 6.2 8.7 13.1#
 80 6.5 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: BM016398.D

Acq: 16 Aug 2018 03:11

Instrument :

BNA_M

ClientSampleId :

TP-3

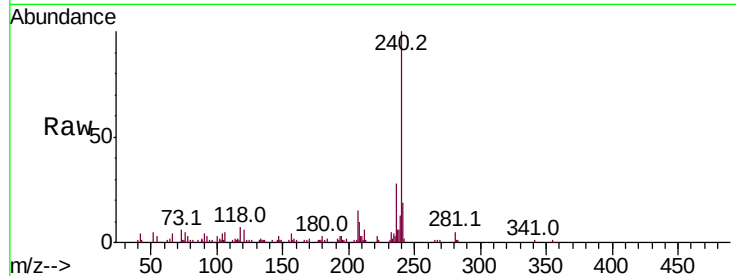
Tot Ion:240 Resp: 83349

Ion Ratio Lower Upper

240 100

120 5.8 8.2 12.2#

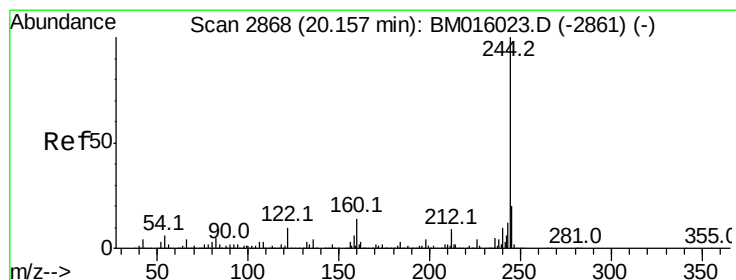
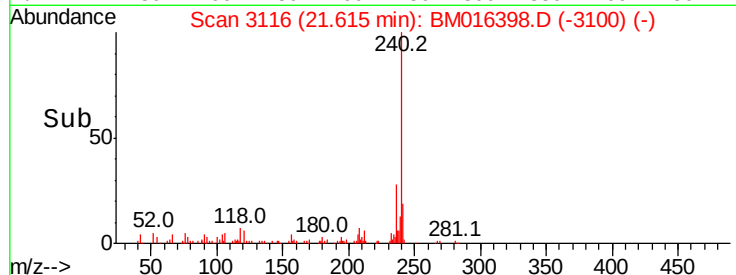
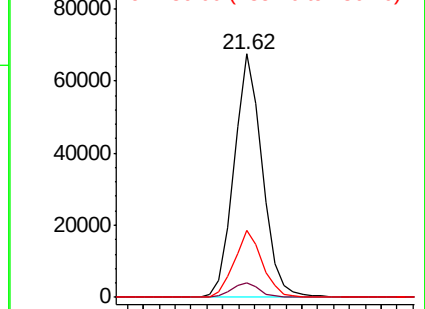
236 27.5 20.0 30.0



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: BM016398.D

Acq: 16 Aug 2018 03:11

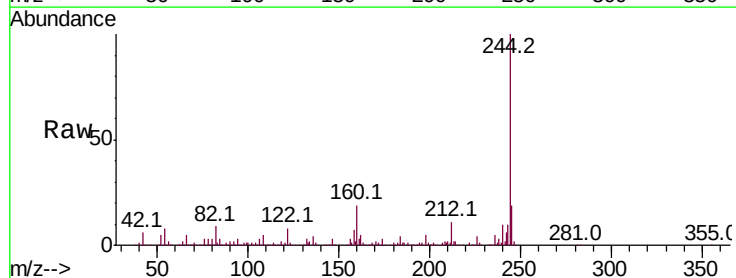
Tgt Ion:244 Resp: 584248

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

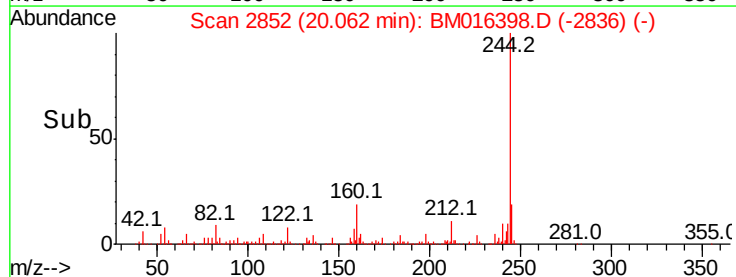
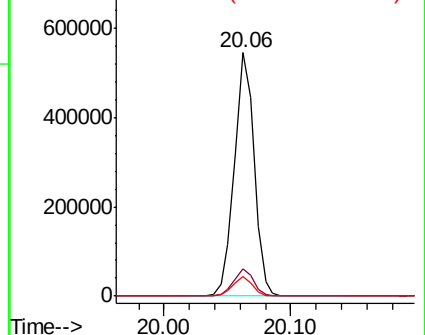
122 7.9 6.2 9.4

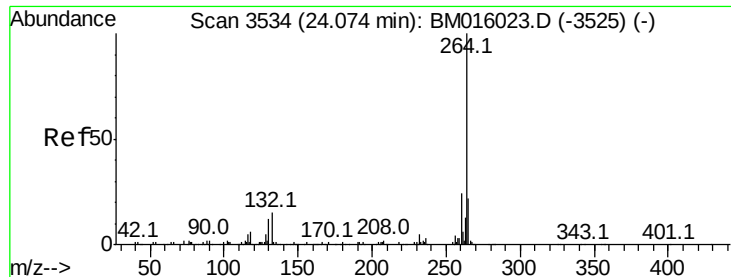


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



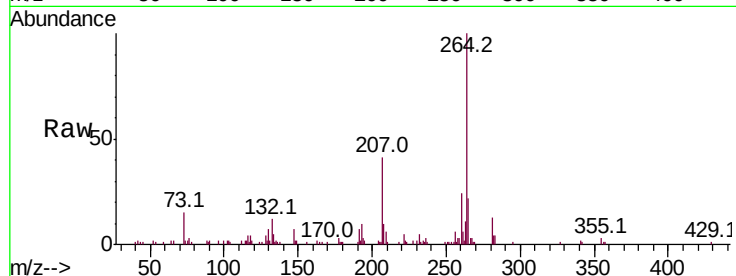


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016398.D
Acq: 16 Aug 2018 03:11

Instrument :
BNA_M
ClientSampleId :
TP-3

Tot Ion:264 Resp: 89302

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.6	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

