

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016399.D
 Acq On : 16 Aug 2018 03:48
 Operator : SJ/JU
 Sample : J4471-24
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Quant Time: Aug 16 07:44:26 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

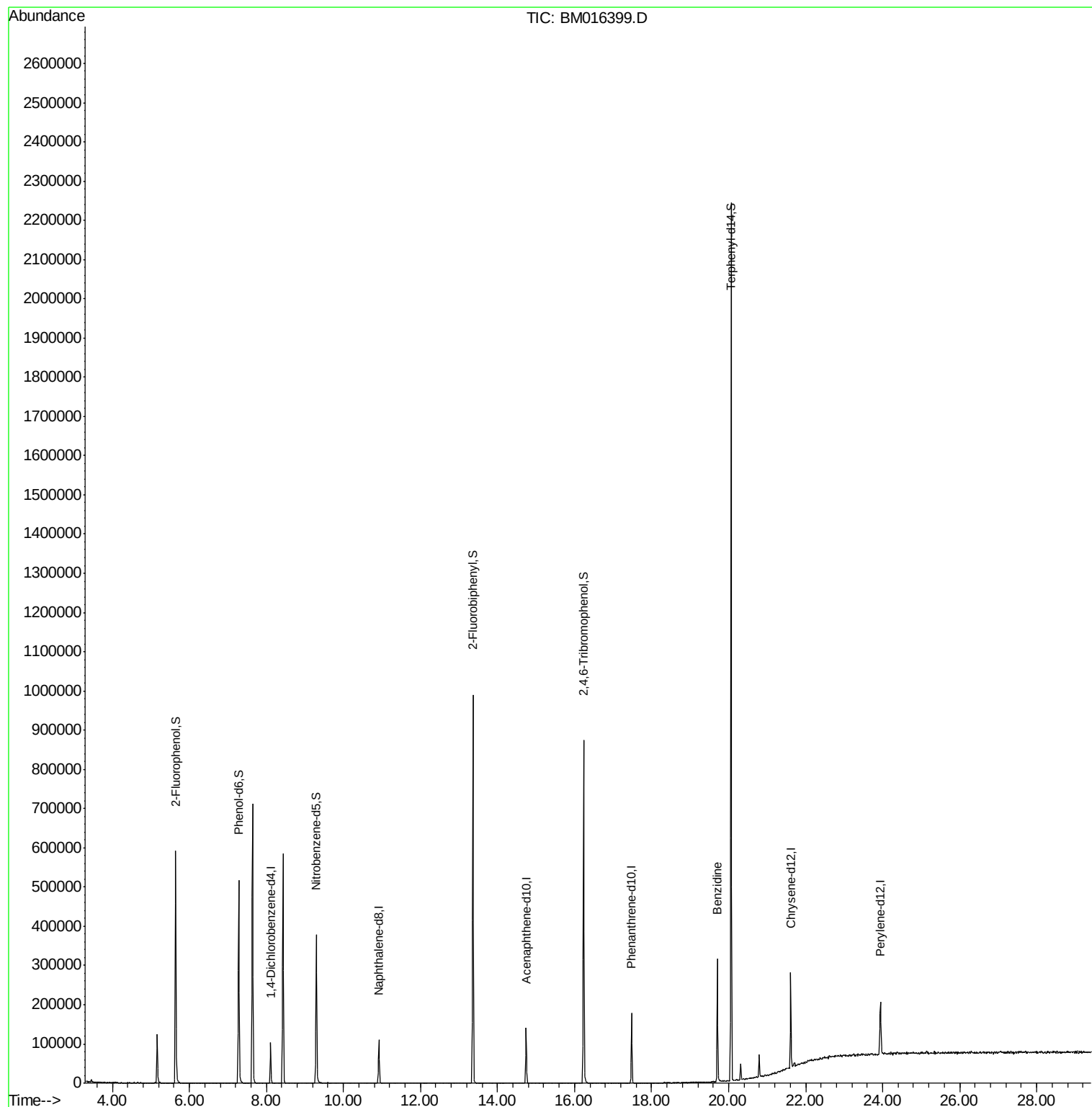
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19061	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	67656	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	35559	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	81284	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	89266	20.00	ng	0.00
86) Perylene-d12	23.94	264	92823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	166484	145.09	ng	0.00
7) Phenol-d6	7.28	99	174370	116.36	ng	0.00
23) Nitrobenzene-d5	9.30	82	172344	118.48	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	76159	168.87	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	344773	117.97	ng	-0.01
78) Terphenyl-d14	20.06	244	642125	150.58	ng	0.00
Target Compounds						
76) Benzidine	19.70	184	129285	51.828	ng	Qvalue 98

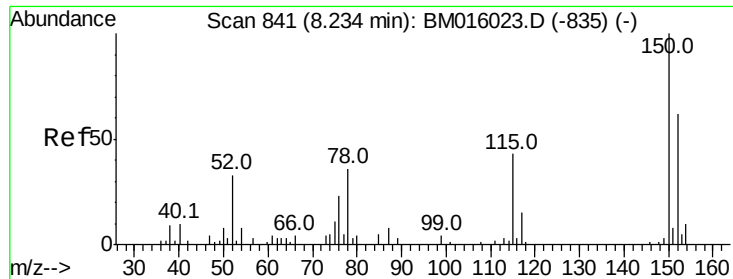
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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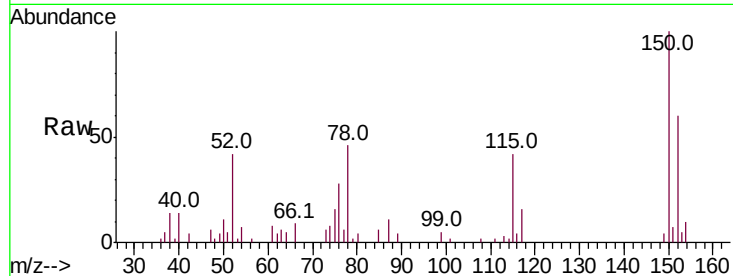


#1

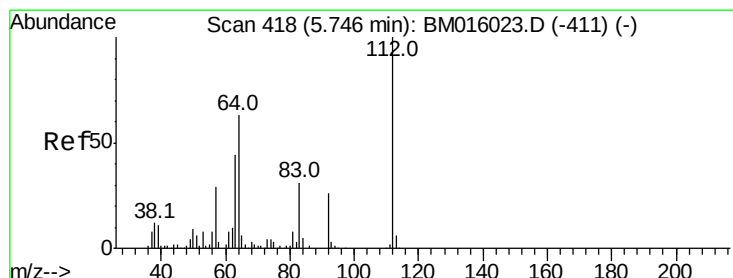
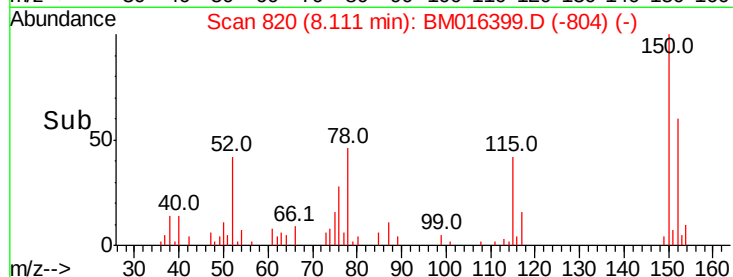
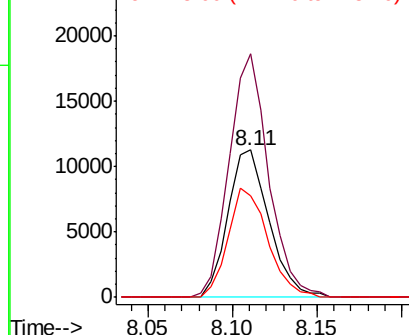
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampleID :
TP-6

Tot Ion:152 Resp: 19061
Ion Ratio Lower Upper
152 100
150 165.5 119.5 179.3
115 69.2 43.0 64.4#



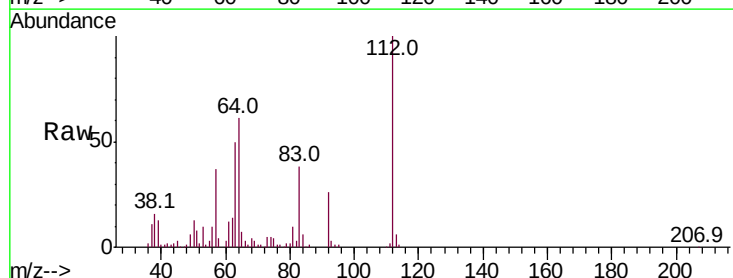
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



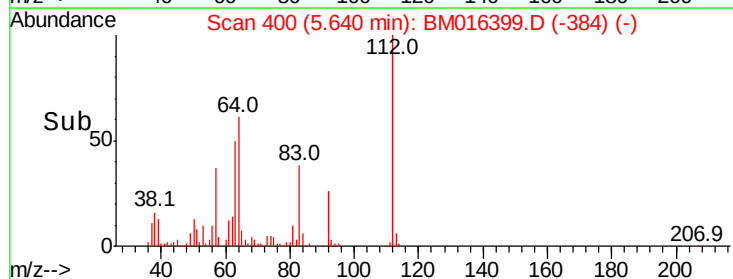
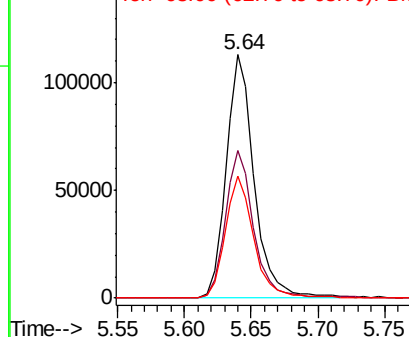
#5

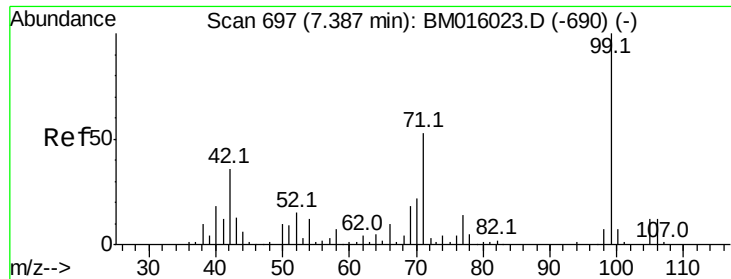
2-Fluorophenol
Concen: N.D. ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:112 Resp: 166484
Ion Ratio Lower Upper
112 100
64 60.8 38.6 57.8#
63 50.2 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: Below na

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

Instrument :

BNA_M

ClientSampled :

TP-6

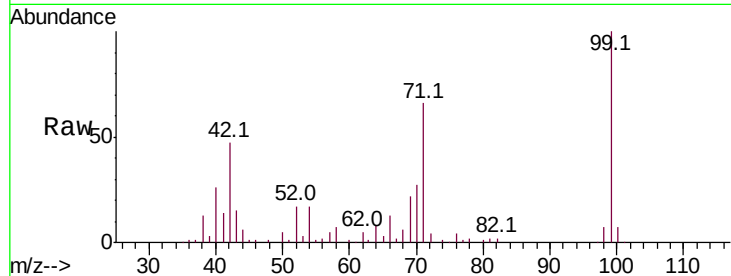
Tot Ion: 99 Resp: 174370

Ion Ratio Lower Upper

99 100

42 47.4 11.0 16.4#

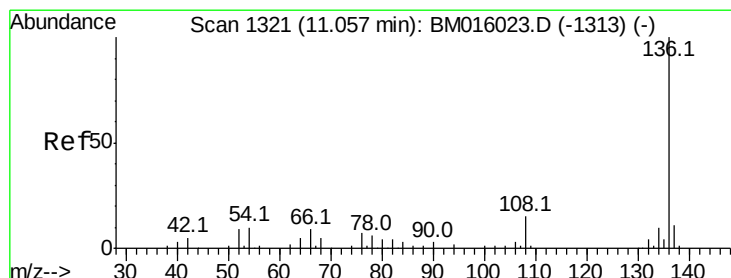
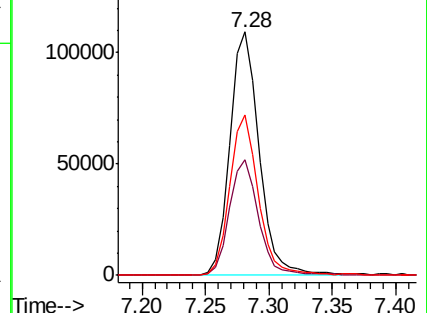
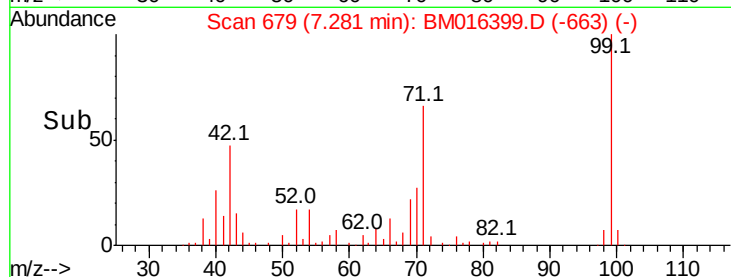
71 65.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016399.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016399.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016399.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016399.D

Acq: 16 Aug 2018 03:48

Tgt Ion: 136 Resp: 67656

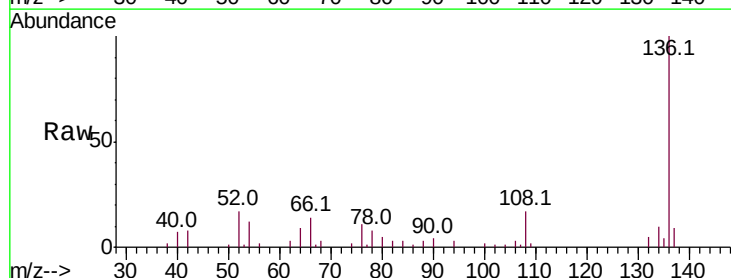
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 12.0 4.6 6.8#

68 3.4 3.7 5.5#

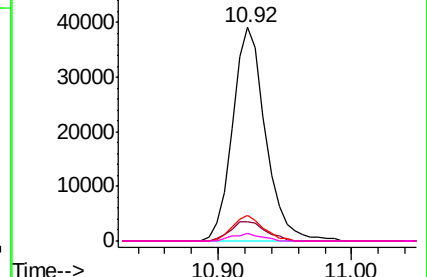
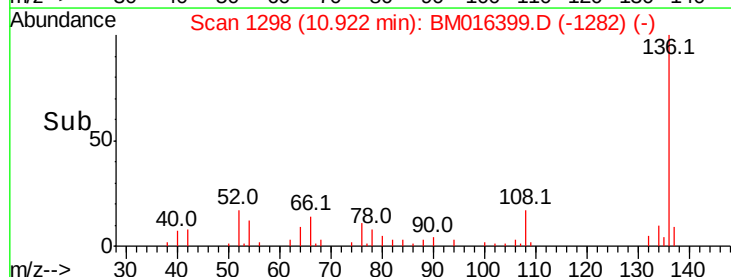


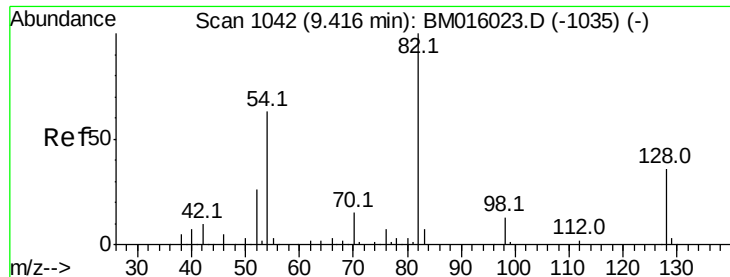
Abundance Ion 136.00 (135.70 to 136.70): BM016399.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016399.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016399.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016399.D (-1282) (-)

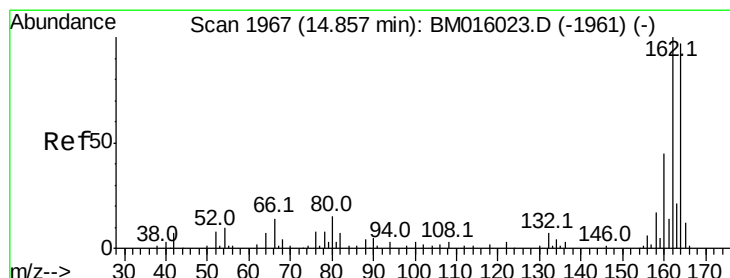
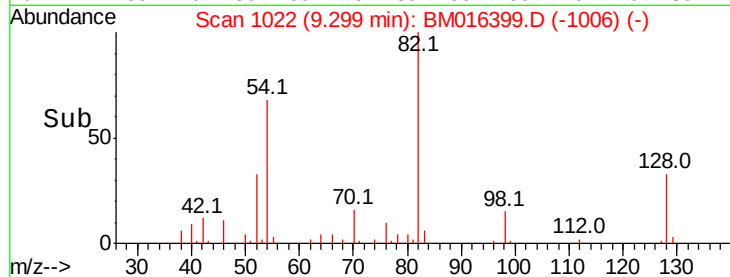
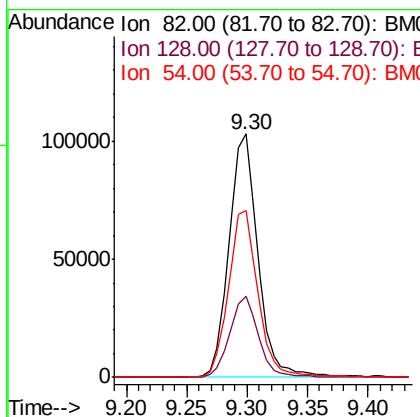
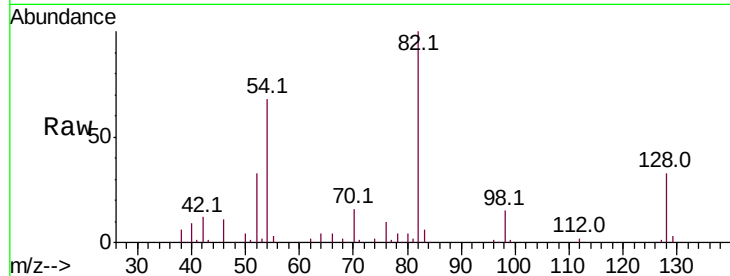




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016399.D
 Acq: 16 Aug 2018 03:48

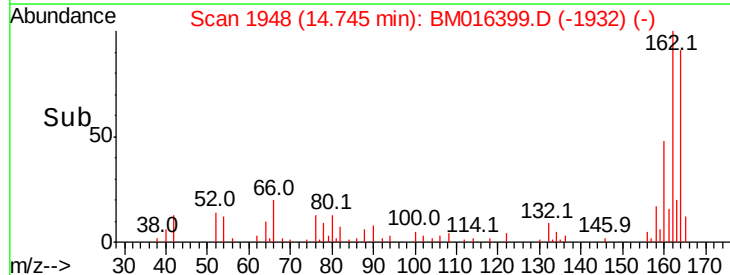
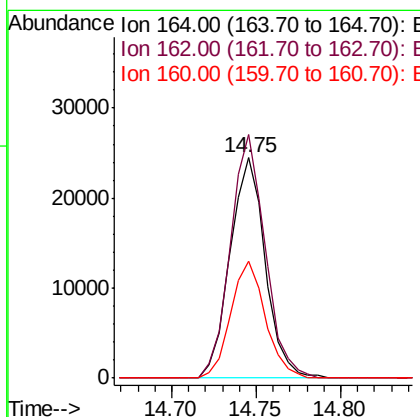
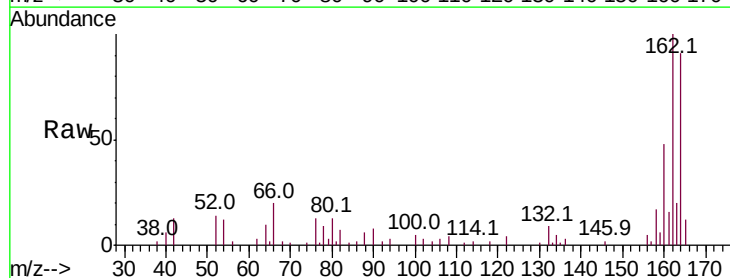
Instrument :
 BNA_M
 ClientSampleId :
 TP-6

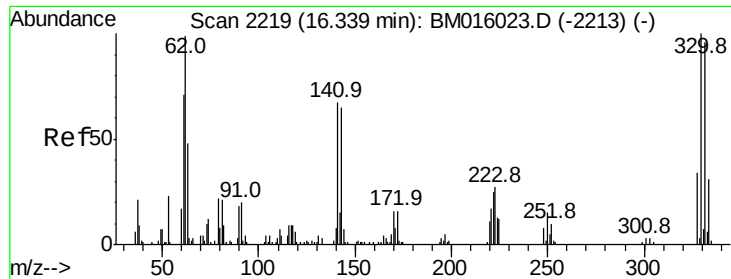
Tot Ion: 82 Resp: 172344
 Ion Ratio Lower Upper
 82 100
 128 33.3 32.8 49.2
 54 68.4 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016399.D
 Acq: 16 Aug 2018 03:48

Tgt Ion: 164 Resp: 35559
 Ion Ratio Lower Upper
 164 100
 162 110.5 82.4 123.6
 160 52.9 35.8 53.6

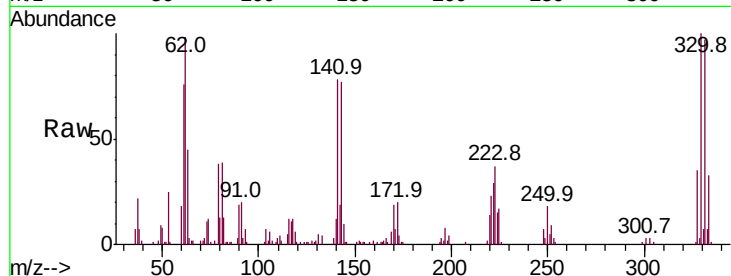




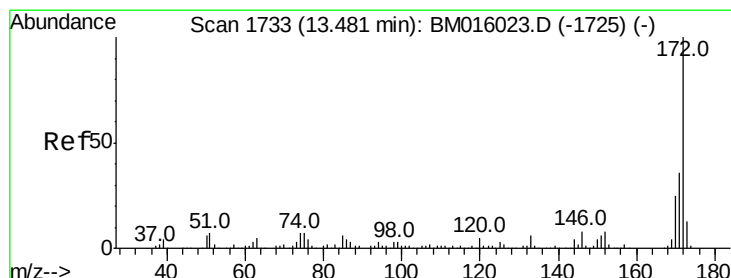
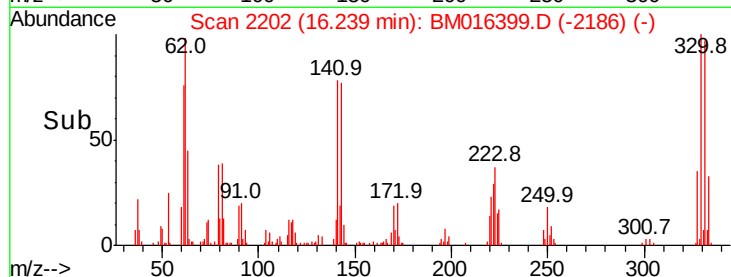
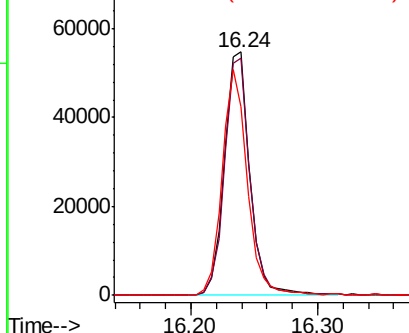
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016399.D
 Acq: 16 Aug 2018 03:48

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Tot Ion:330 Resp: 76159
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 91.4 0.0 0.0#

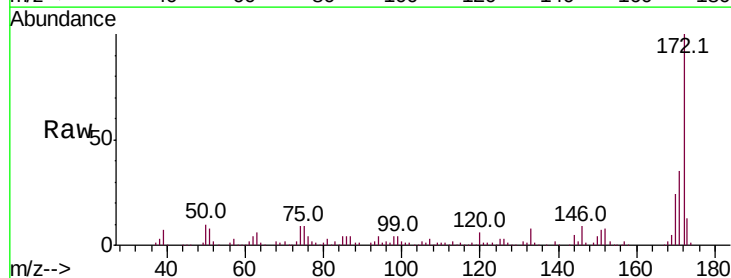


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

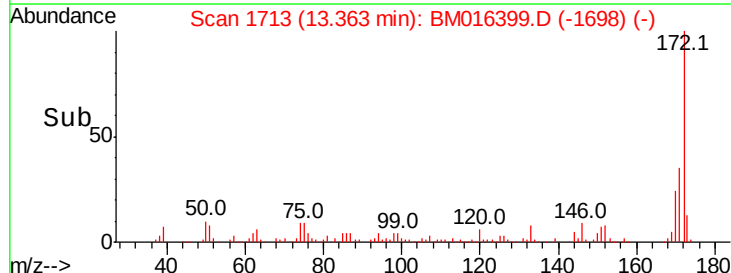
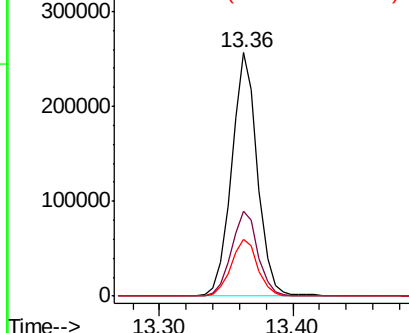


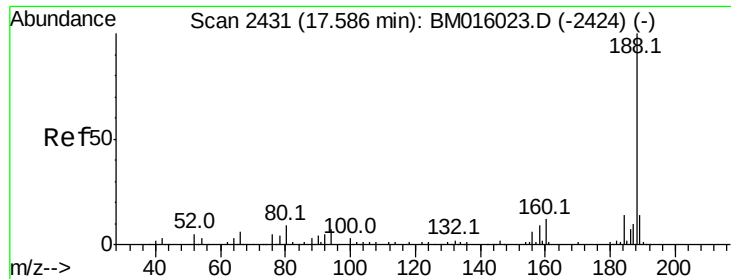
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016399.D
 Acq: 16 Aug 2018 03:48

Tgt Ion:172 Resp: 344773
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.6 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

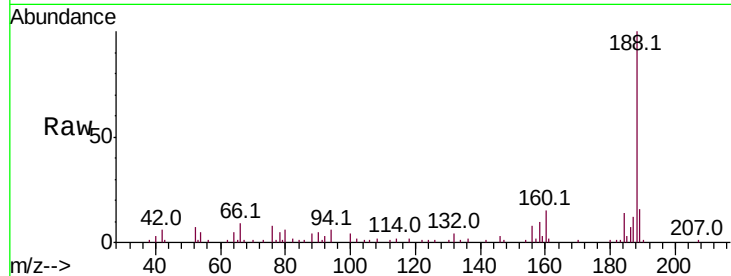




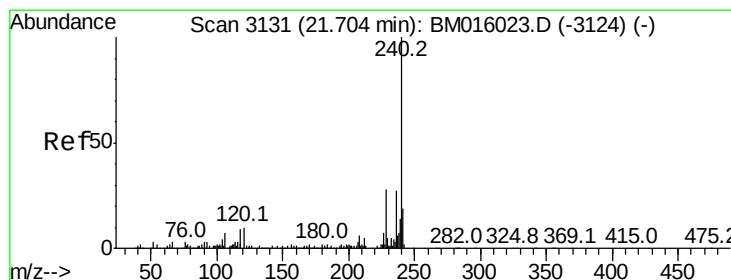
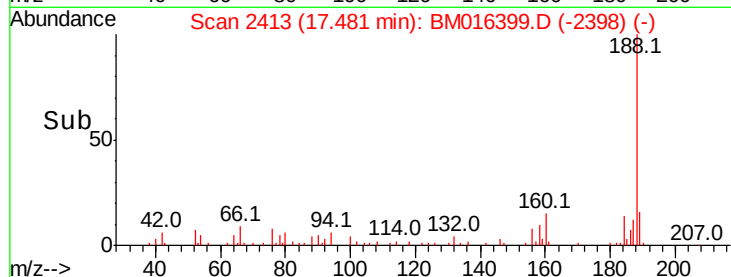
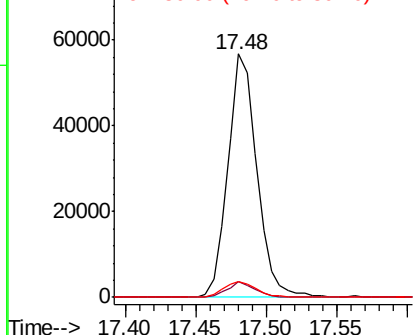
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Instrument :
BNA_M
ClientSampled :
TP-6

Tot Ion:188 Resp: 81284
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 6.4 9.3 13.9#

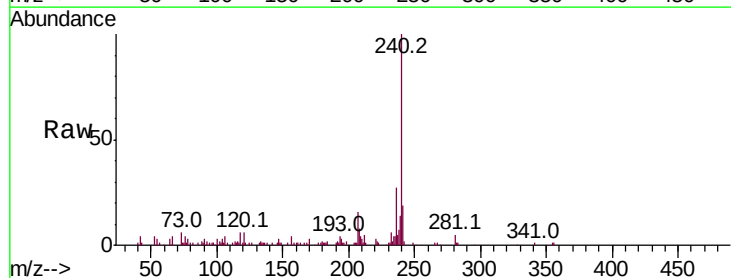


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

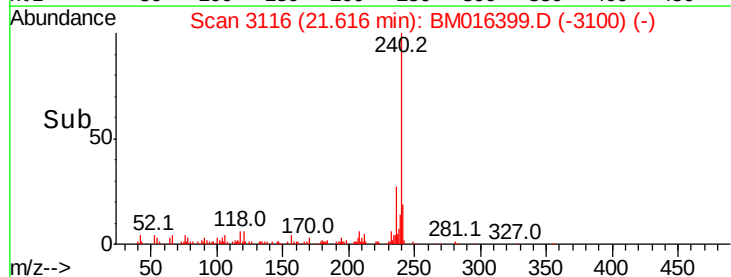
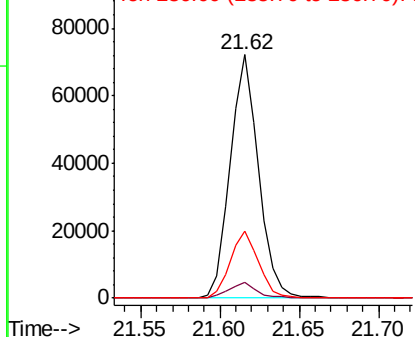


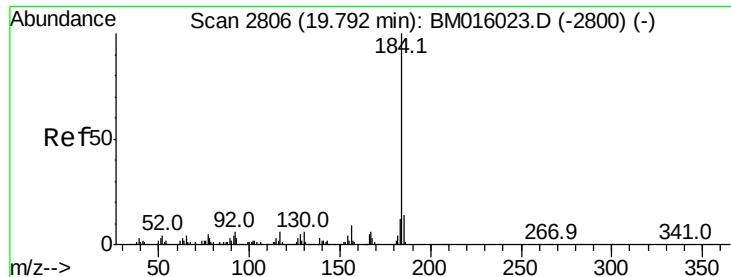
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion:240 Resp: 89266
Ion Ratio Lower Upper
240 100
120 6.4 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

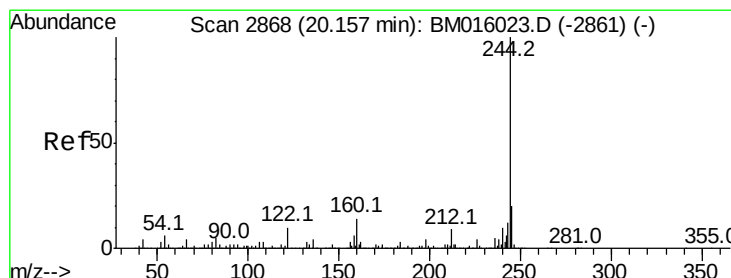
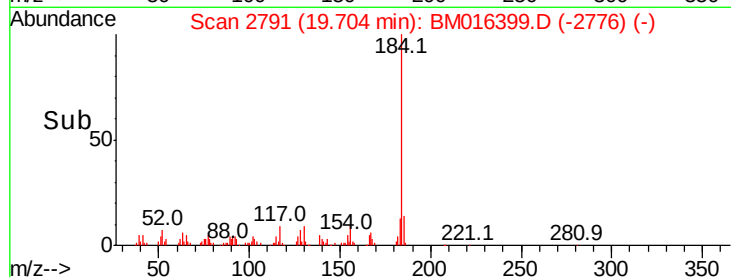
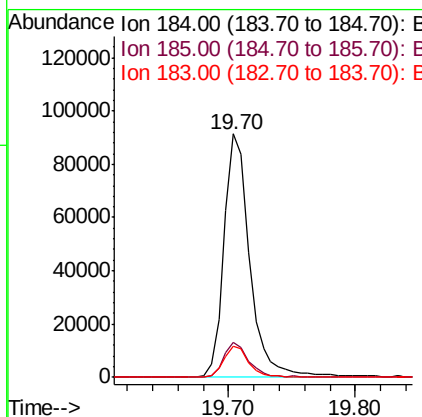
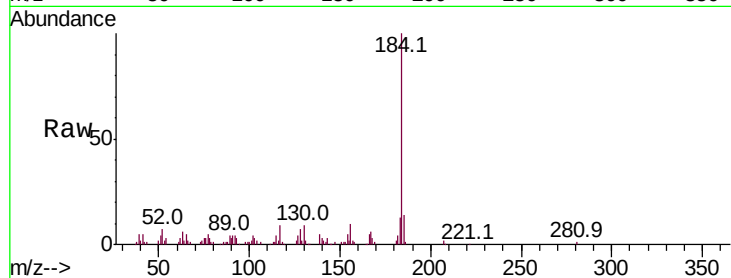




#76
Benzidine
Concen: 51.828 ng
RT: 19.70 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

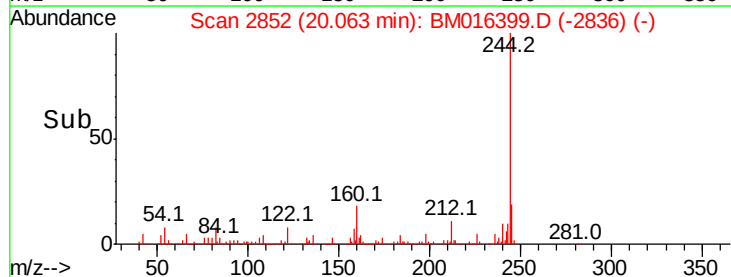
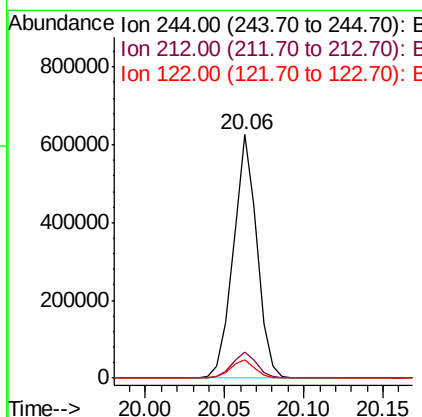
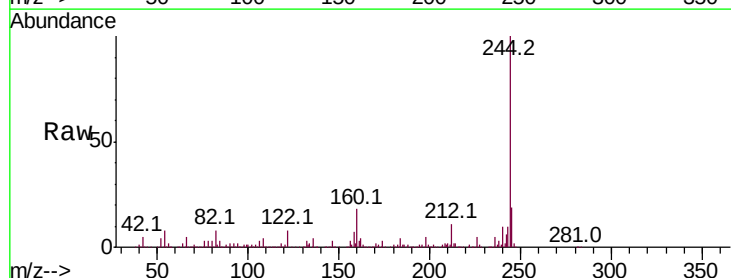
Instrument :
BNA_M
ClientSampleId :
TP-6

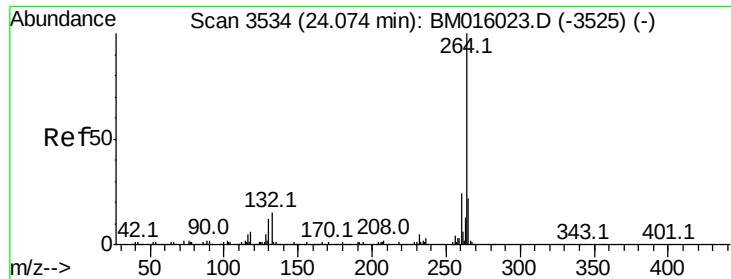
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	12.9	8.9	13.3



#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.06 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM016399.D
Acq: 16 Aug 2018 03:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	7.5	6.2	9.4

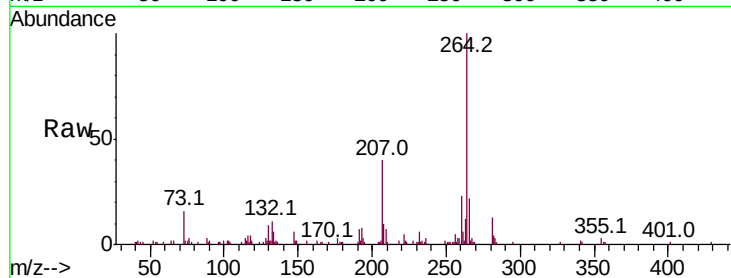




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BM016399.D
 Acq: 16 Aug 2018 03:48

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Tot Ion:264 Resp: 92823
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 22.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 60000 Ion 260.00 (259.70 to 260.70): E
 50000 Ion 265.00 (264.70 to 265.70): E

