

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022511.D
 Acq On : 03 Sep 2019 20:10
 Operator : HP/JU
 Sample : K4555-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-3

Quant Time: Sep 04 02:30:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	14701	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	49335	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	31026	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	60373	20.00	ng	0.00
76) Chrysene-d12	21.16	240	63610	20.00	ng	0.00
87) Perylene-d12	23.34	264	78391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	55051	65.73	ng	0.00
7) Phenol-d6	6.70	99	41890	37.40	ng	0.00
23) Nitrobenzene-d5	8.68	82	120392	106.89	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	79480	125.19	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	266814	97.42	ng	0.00
79) Terphenyl-d14	19.58	244	561761	116.55	ng	0.00

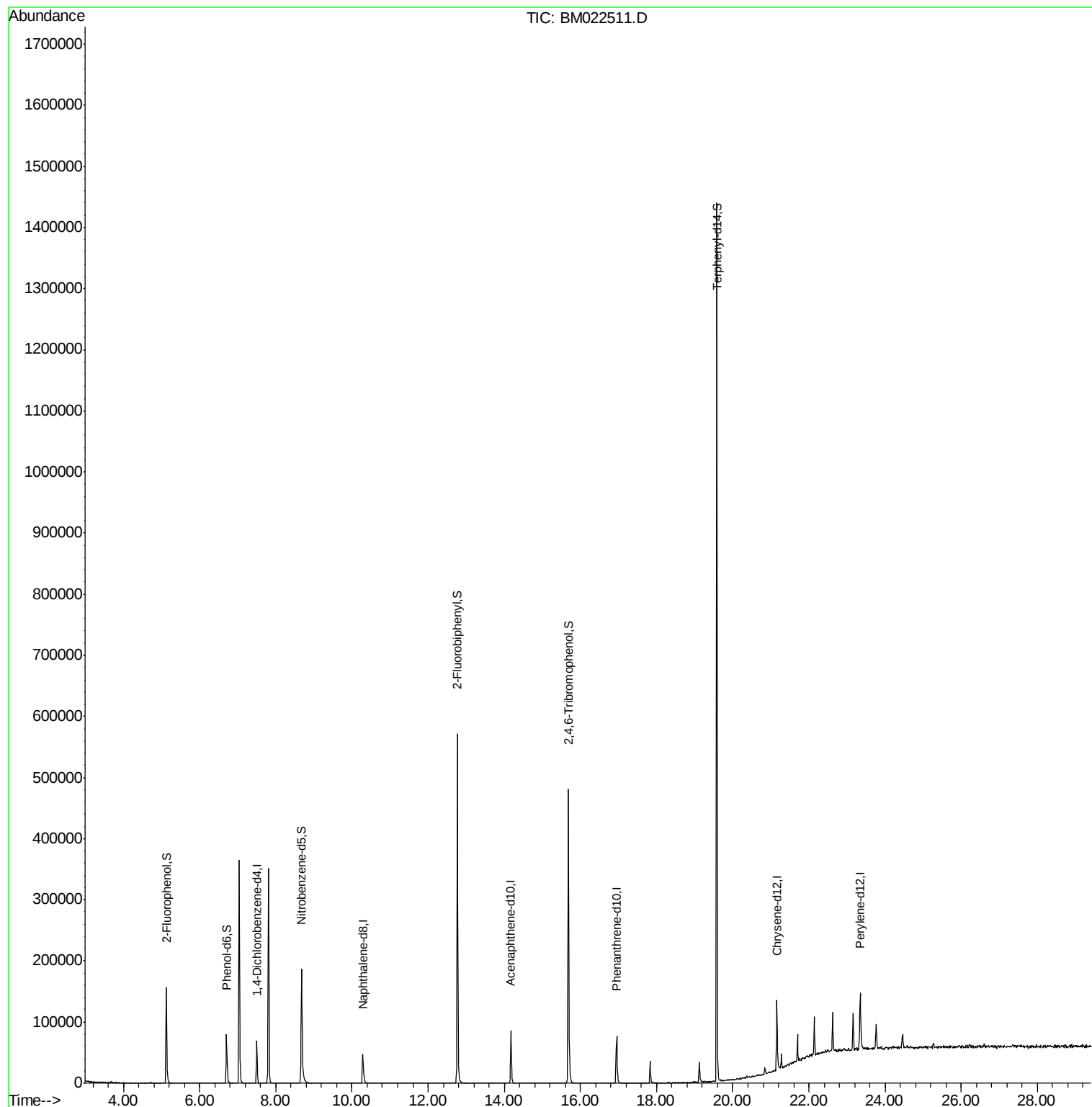
Target Compounds Qvalue

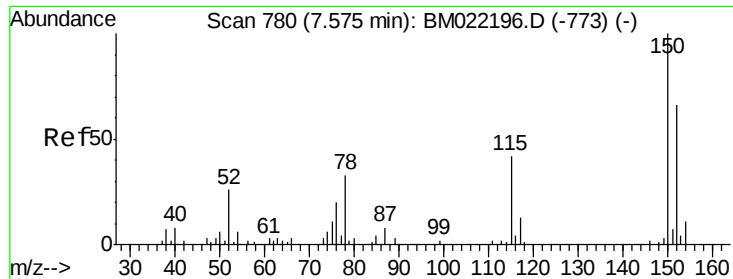
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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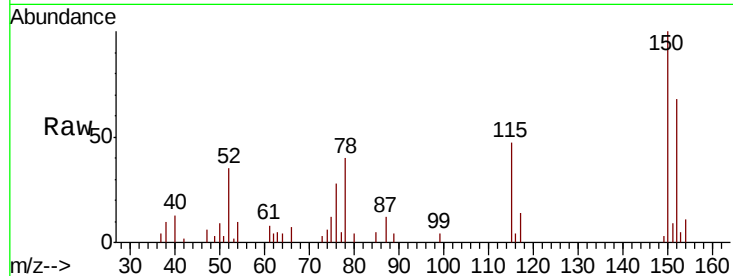




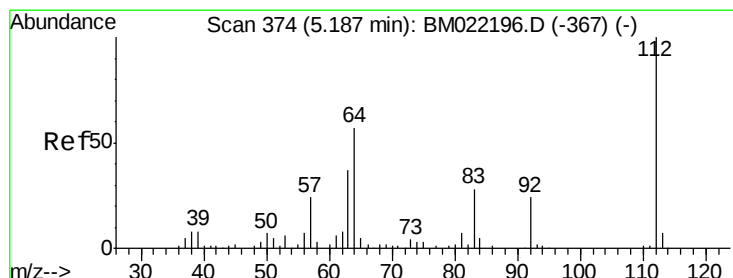
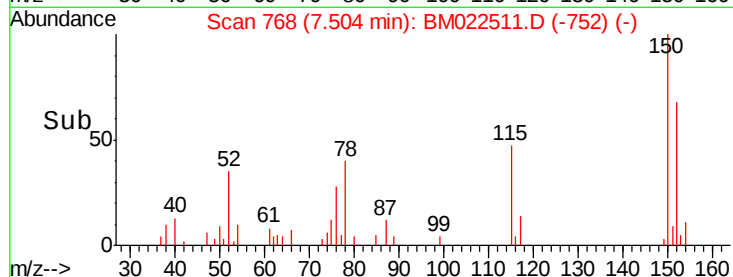
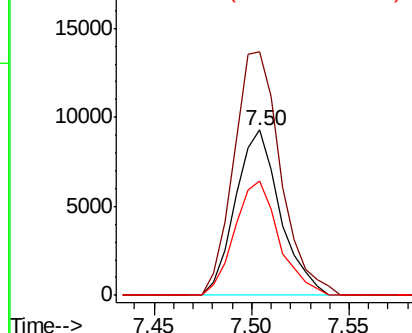
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM022511.D
 Acq: 03 Sep 2019 20:10

Instrument :
 BNA_M
 ClientSampleId :
 TW-3

Tot Ion:152 Resp: 14701
 Ion Ratio Lower Upper
 152 100
 150 147.5 125.4 188.0
 115 69.4 50.3 75.5

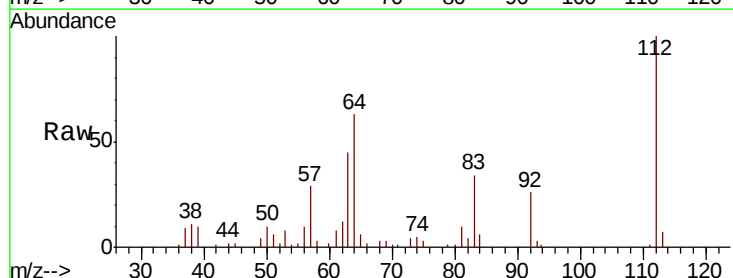


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

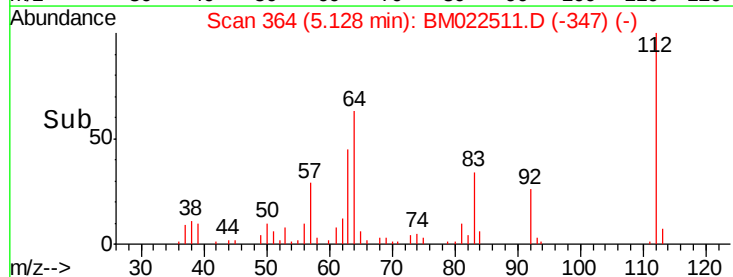
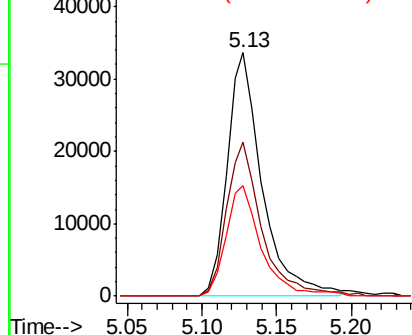


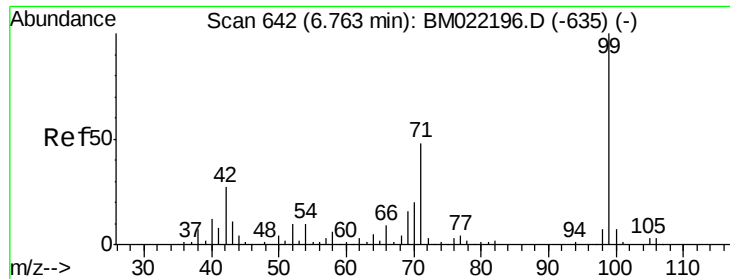
#5
 2-Fluorophenol
 Concen: 65.732 ng
 RT: 5.13 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: BM022511.D
 Acq: 03 Sep 2019 20:10

Tgt Ion:112 Resp: 55051
 Ion Ratio Lower Upper
 112 100
 64 63.4 45.4 68.2
 63 45.2 34.5 51.7



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: 37.403 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022511.D

Acq: 03 Sep 2019 20:10

Instrument :

BNA_M

ClientSampled :

TW-3

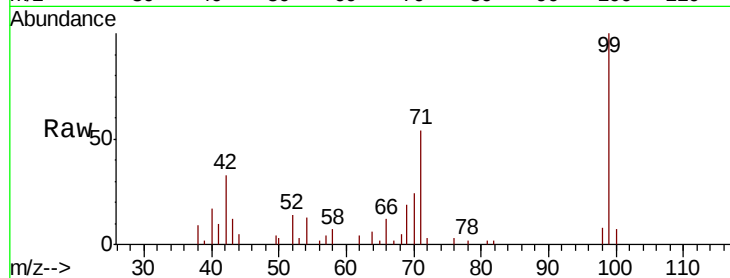
Tot Ion: 99 Resp: 41890

Ion Ratio Lower Upper

99 100

42 33.4 26.3 39.5

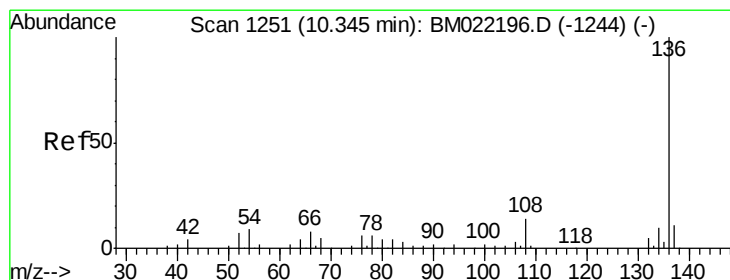
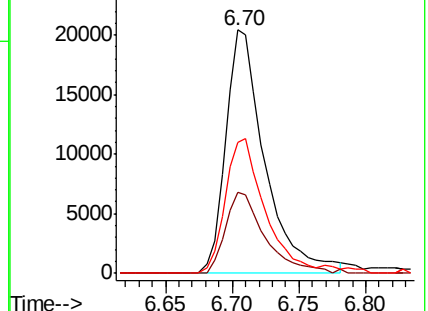
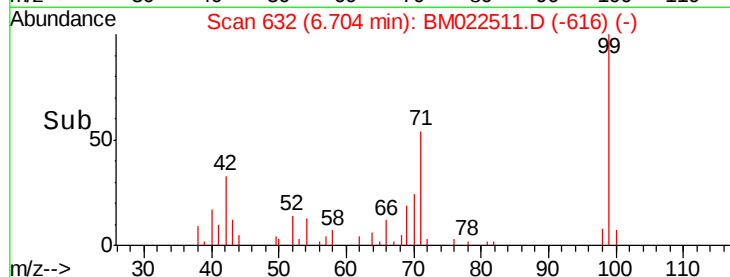
71 53.5 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BM022511.D

Acq: 03 Sep 2019 20:10

Tgt Ion: 136 Resp: 49335

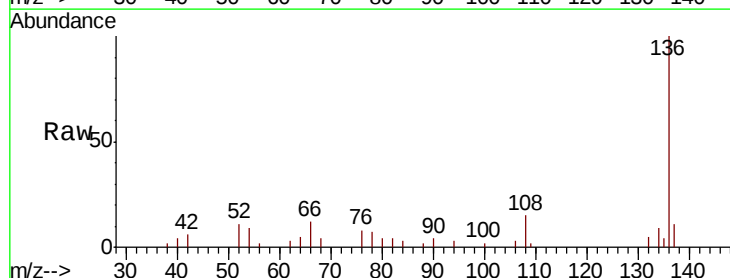
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.2 7.0 10.6

68 4.1 2.9 4.3

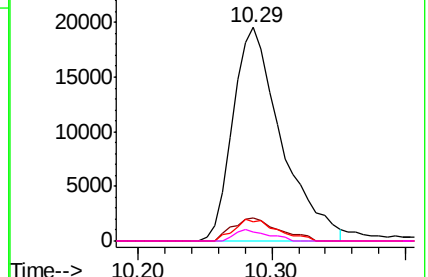
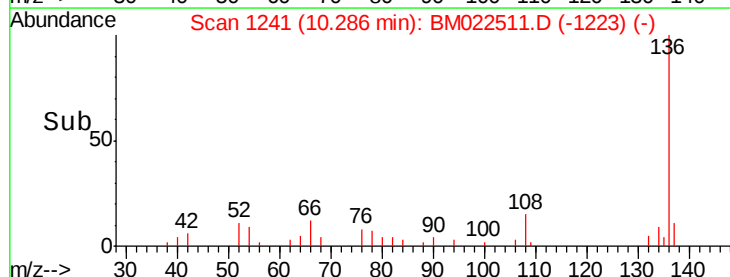


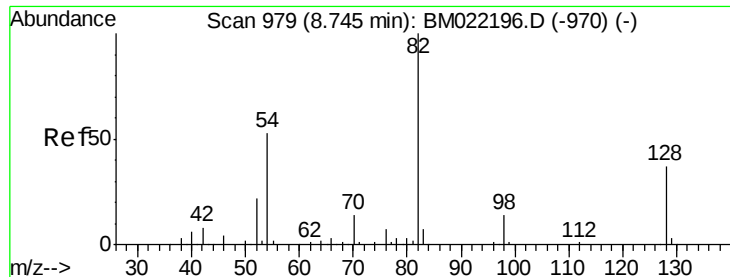
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)

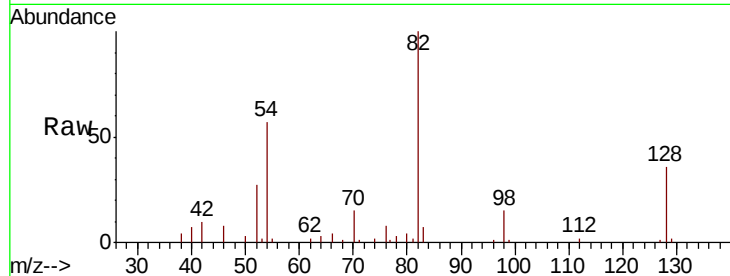




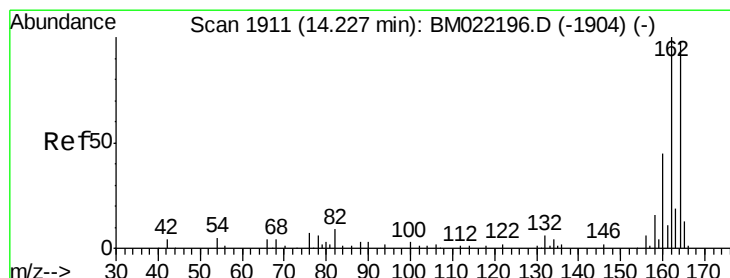
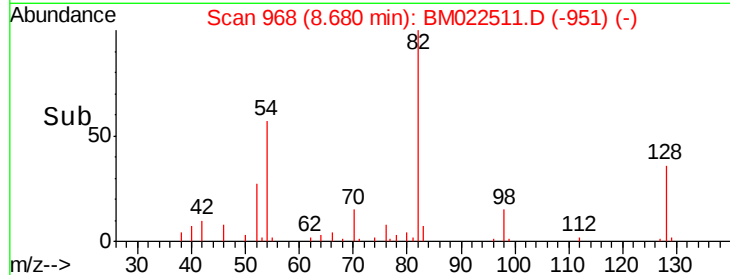
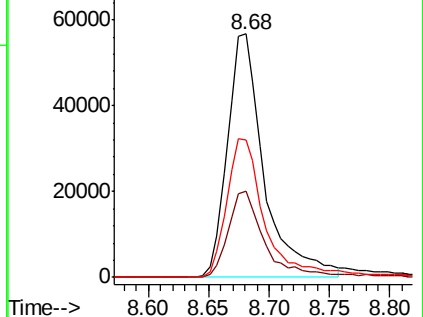
#23
 Nitrobenzene-d5
 Concen: 106.886 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022511.D
 Acq: 03 Sep 2019 20:10

Instrument :
 BNA_M
 ClientSampleID :
 TW-3

Tot Ion: 82 Resp: 120392
 Ion Ratio Lower Upper
 82 100
 128 35.6 27.9 41.9
 54 56.6 45.2 67.8

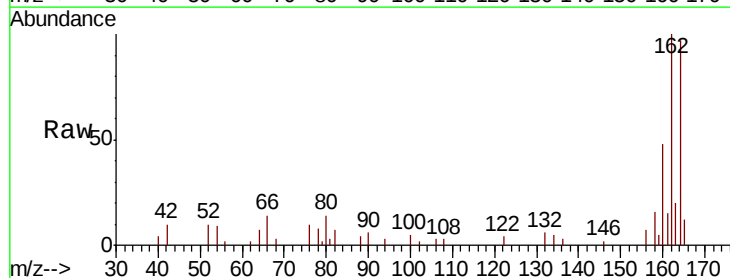


Abundance Ion 82.00 (81.70 to 82.70): BM022511.D (-951) (-)
 Ion 128.00 (127.70 to 128.70): BM022511.D (-951) (-)
 Ion 54.00 (53.70 to 54.70): BM022511.D (-951) (-)

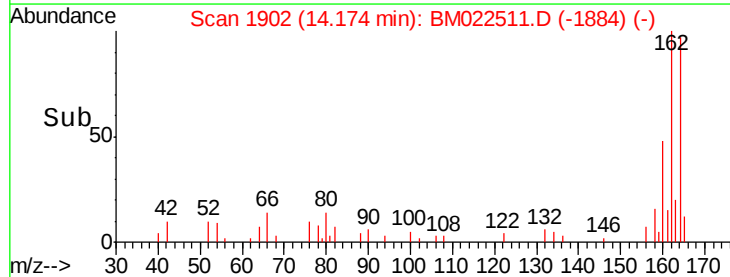
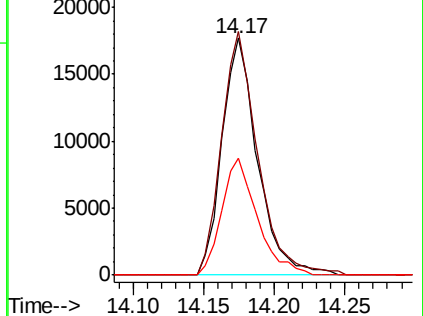


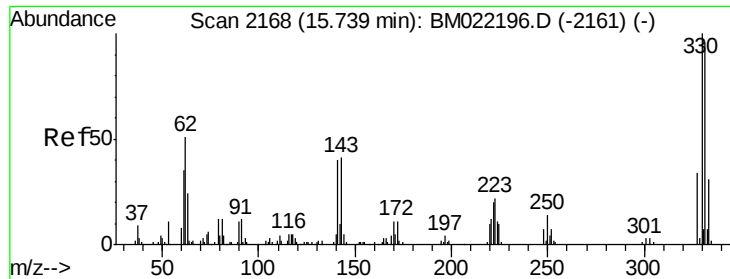
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022511.D
 Acq: 03 Sep 2019 20:10

Tgt Ion: 164 Resp: 31026
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.6 121.0
 160 49.2 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): BM022511.D (-1884) (-)
 Ion 162.00 (161.70 to 162.70): BM022511.D (-1884) (-)
 Ion 160.00 (159.70 to 160.70): BM022511.D (-1884) (-)

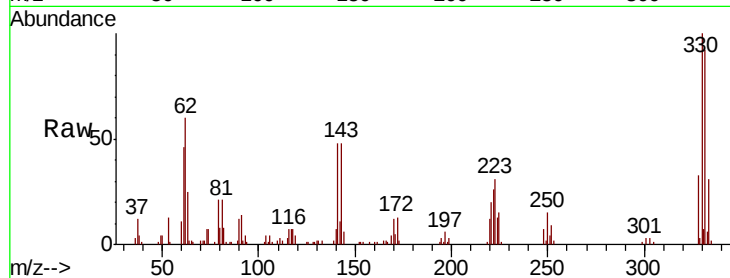




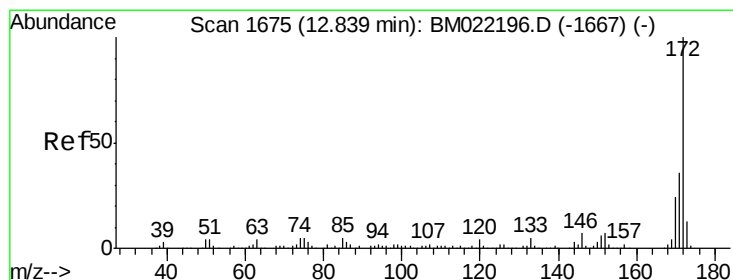
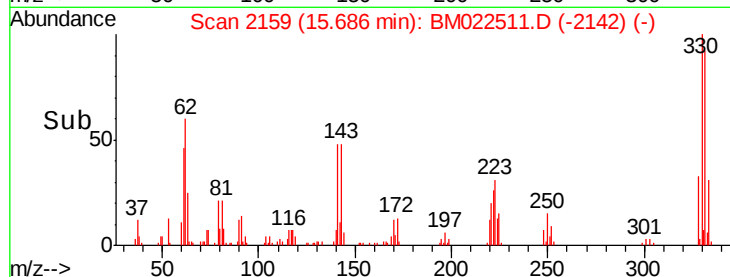
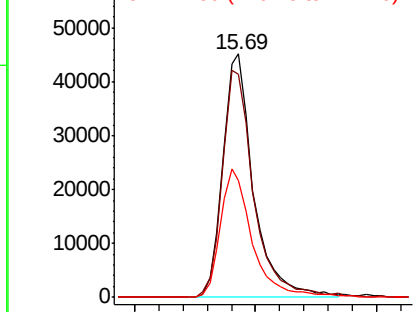
#42
 2,4,6-Tribromophenol
 Concen: 125.189 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022511.D
 Acq: 03 Sep 2019 20:10

Instrument :
 BNA_M
 ClientSampleId :
 TW-3

Tot Ion:330 Resp: 79480
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.8
 141 54.5 35.6 53.4#

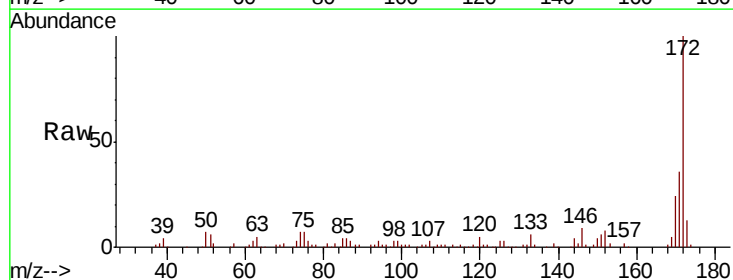


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

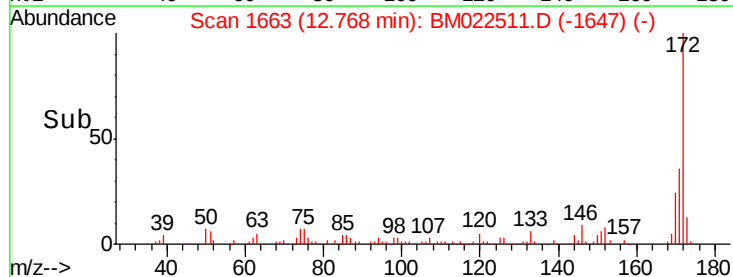
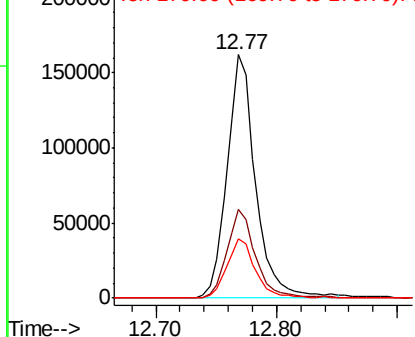


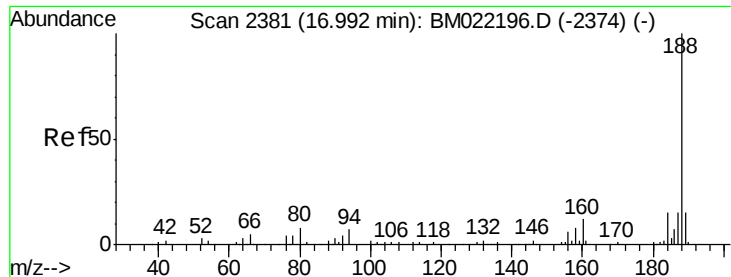
#45
 2-Fluorobiphenyl
 Concen: 97.421 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM022511.D
 Acq: 03 Sep 2019 20:10

Tgt Ion:172 Resp: 266814
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.2 18.9 28.3



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

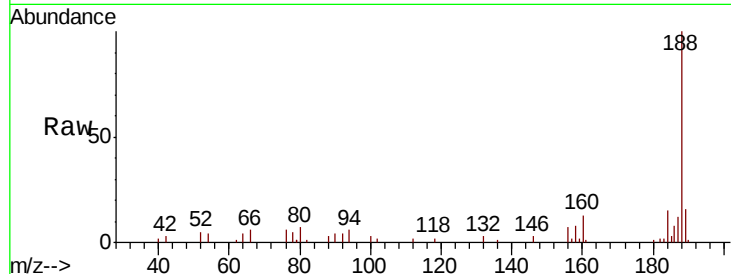




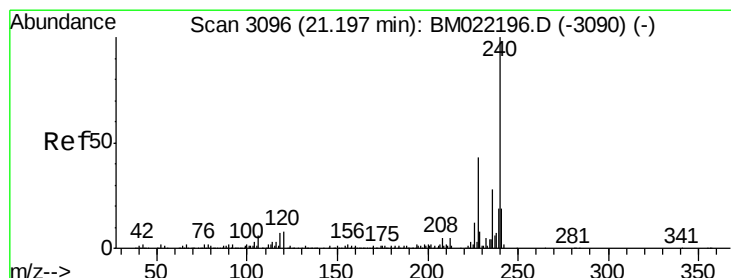
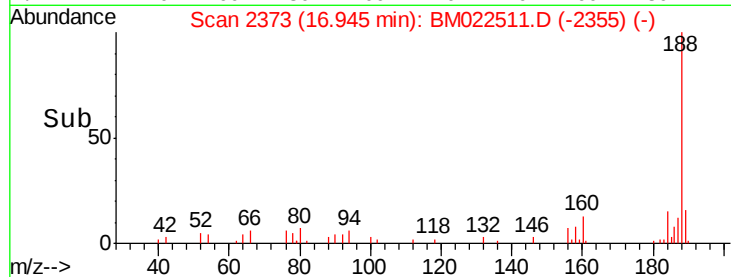
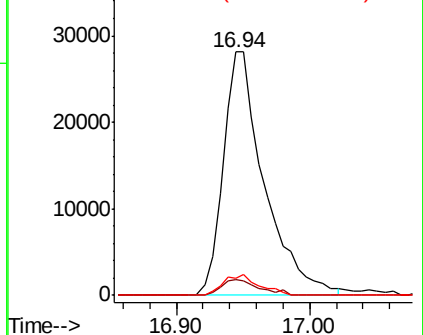
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BM022511.D
Acq: 03 Sep 2019 20:10

Instrument :
BNA_M
ClientSampleId :
TW-3

Tot Ion:188 Resp: 60373
Ion Ratio Lower Upper
188 100
94 6.4 4.4 6.6
80 6.9 5.0 7.6

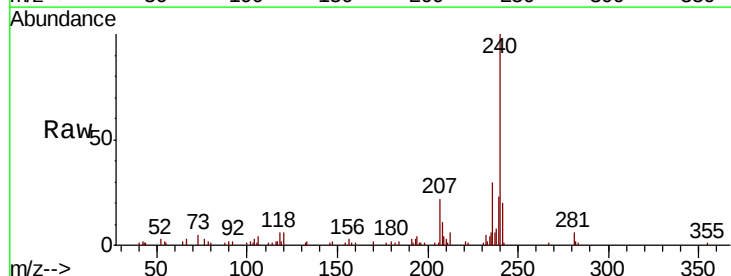


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

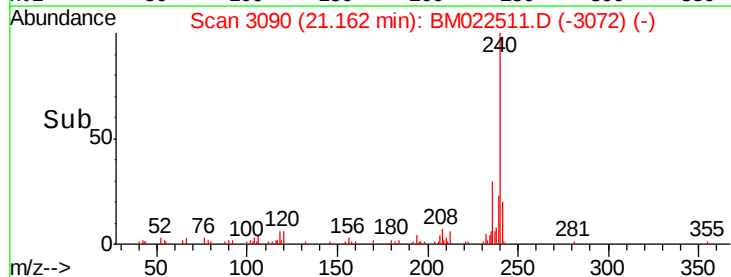
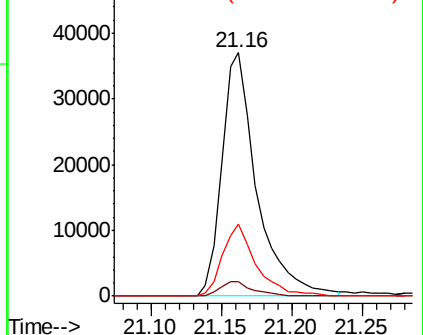


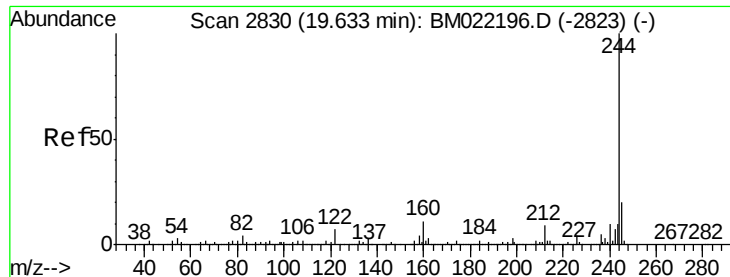
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022511.D
Acq: 03 Sep 2019 20:10

Tgt Ion:240 Resp: 63610
Ion Ratio Lower Upper
240 100
120 5.7 3.9 5.9
236 29.6 21.4 32.2



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





#79

Terphenyl-d14

Concen: 116.552 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022511.D

Acq: 03 Sep 2019 20:10

Instrument :

BNA_M

ClientSampleId :

TW-3

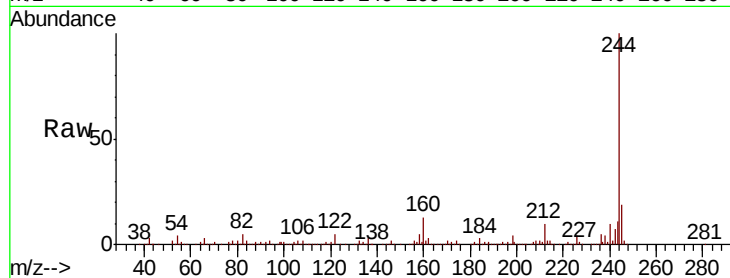
Tot Ion:244 Resp: 561761

Ion Ratio Lower Upper

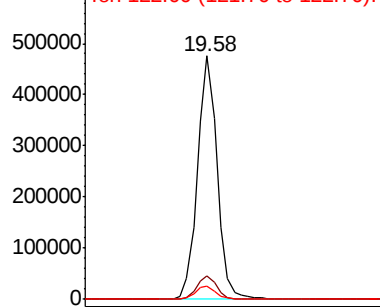
244 100

212 9.6 7.0 10.4

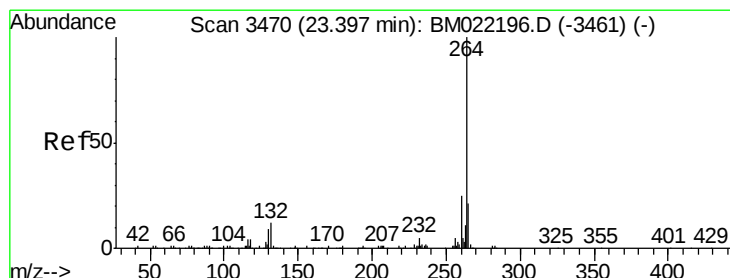
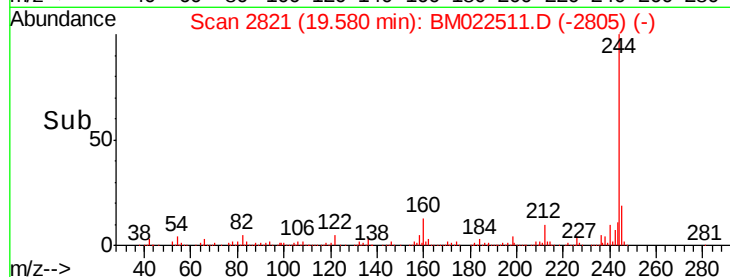
122 5.3 3.9 5.9



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



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM022511.D

Acq: 03 Sep 2019 20:10

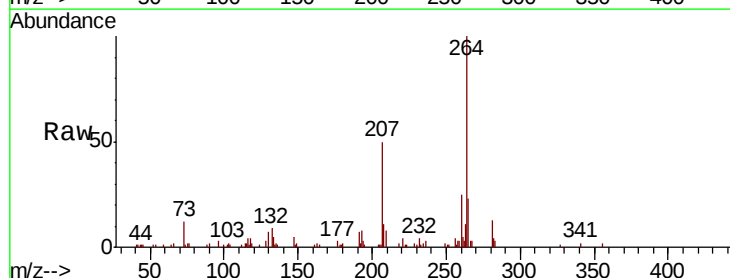
Tgt Ion:264 Resp: 78391

Ion Ratio Lower Upper

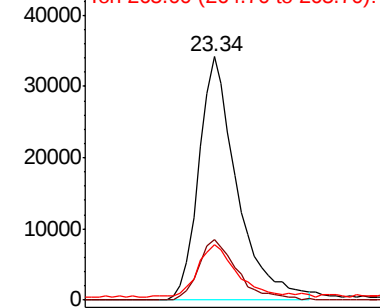
264 100

260 24.6 20.2 30.2

265 22.5 18.2 27.2



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



Time-->

