

Data File : BM022212.D
Acq On : 20 Aug 2019 14:59
Operator : HP/JU
Sample : K4365-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0603-COMP-BH-4

Quant Time: Aug 20 23:27:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

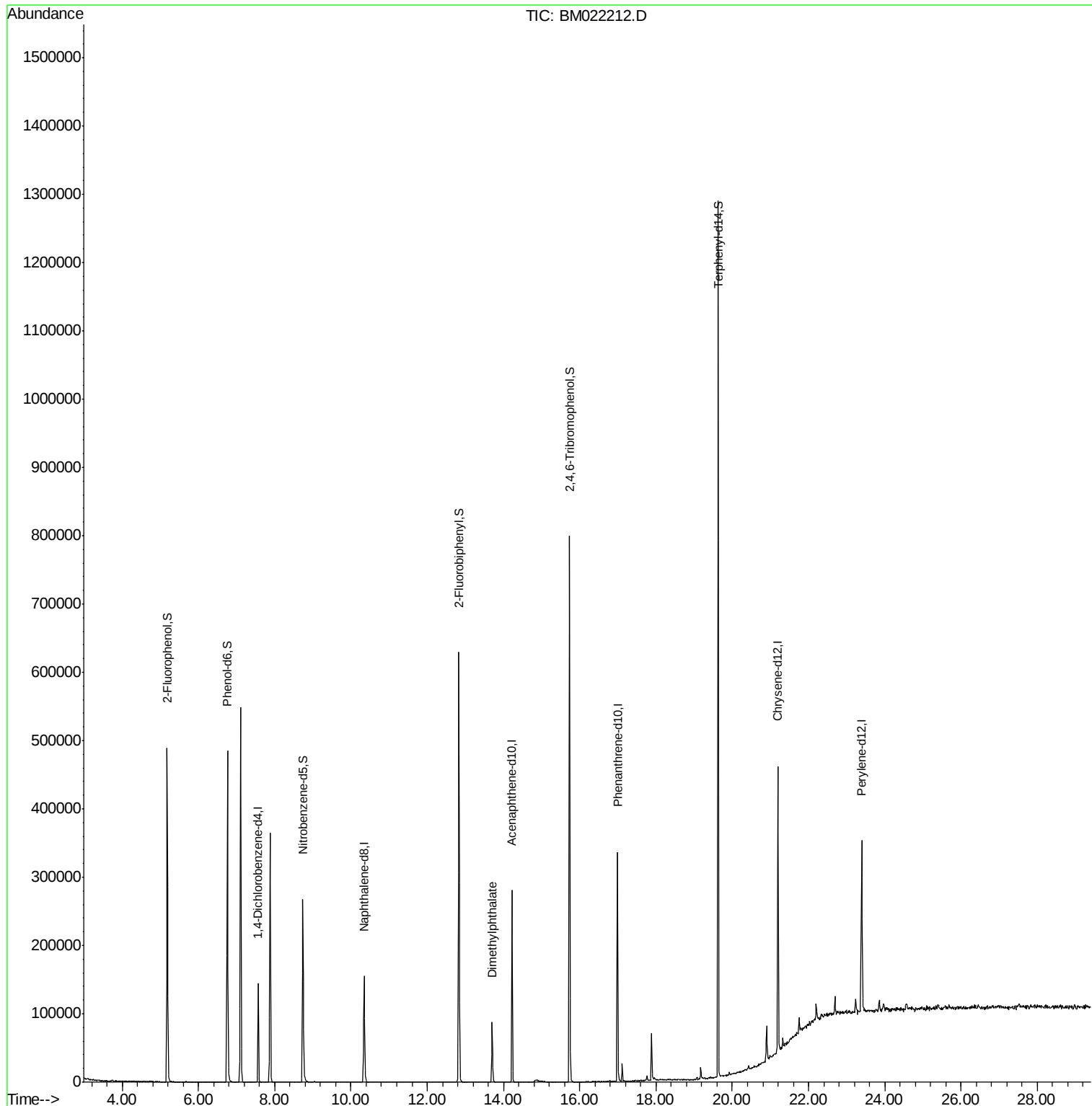
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	33406	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	127920	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	87026	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	192070	20.00	ng	0.00
76) Chrysene-d12	21.20	240	183592	20.00	ng	0.00
87) Perylene-d12	23.39	264	179866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	166863	89.01	ng	0.00
7) Phenol-d6	6.76	99	223891	89.68	ng	0.00
23) Nitrobenzene-d5	8.74	82	153975	58.54	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	121562	86.30	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	292635	42.00	ng	0.00
79) Terphenyl-d14	19.63	244	522417	41.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.70	163	58071	7.937	ng	Qvalue 98

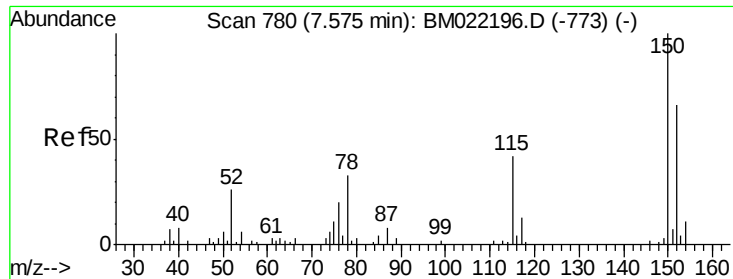
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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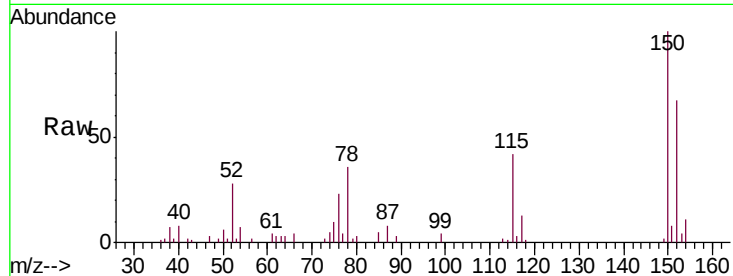




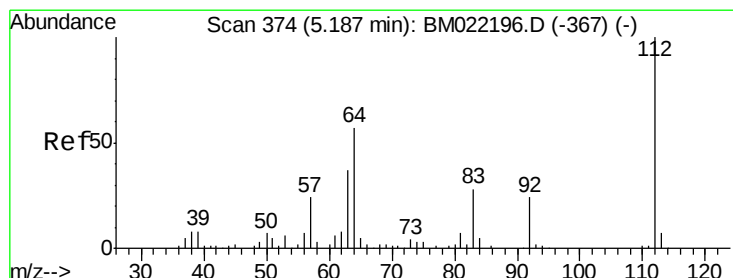
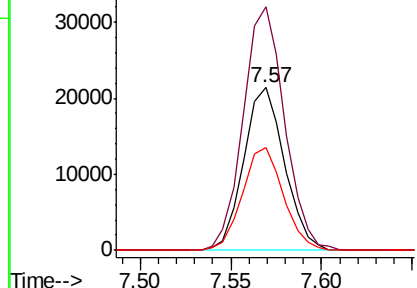
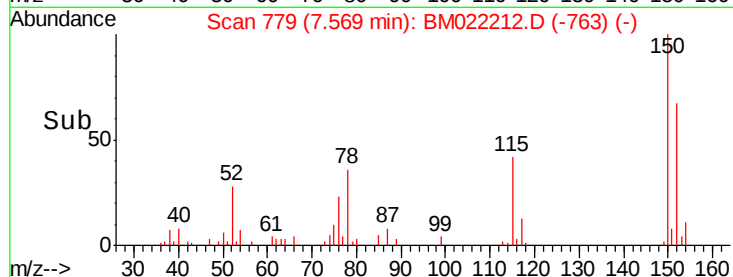
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BM022212.D
 Acq: 20 Aug 2019 14:59

Instrument :
 BNA_M
 ClientSampleId :
 0603-COMP-BH-4

Tgt Ion:152 Resp: 33406
 Ion Ratio Lower Upper
 152 100
 150 149.8 123.1 184.7
 115 63.5 44.2 66.4

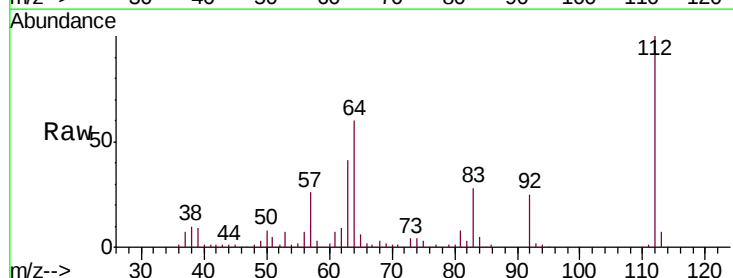


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

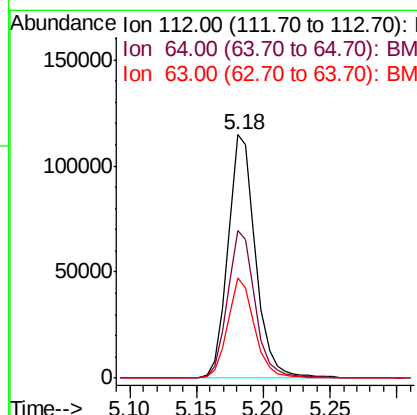
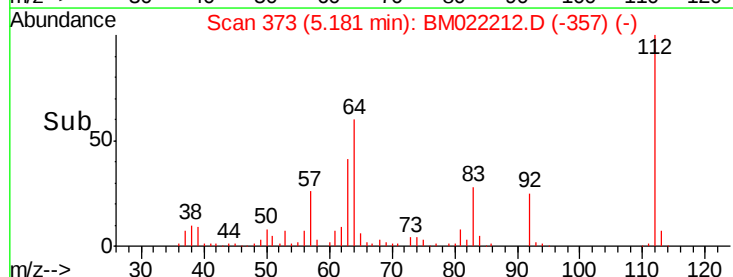


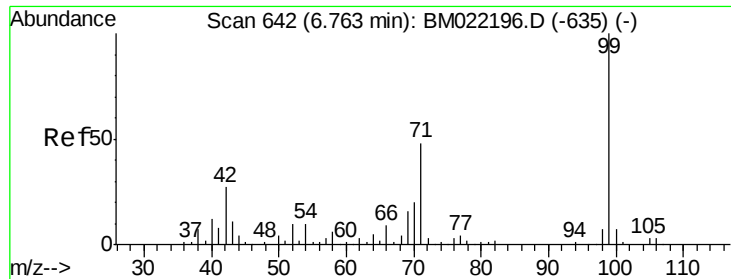
#5
 2-Fluorophenol
 Concen: 89.010 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BM022212.D
 Acq: 20 Aug 2019 14:59

Tgt Ion:112 Resp: 166863
 Ion Ratio Lower Upper
 112 100
 64 60.4 45.2 67.8
 63 41.1 23.5 35.3#



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: 89.684 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022212.D

Acq: 20 Aug 2019 14:59

Instrument :

BNA_M

ClientSampleId :

0603-COMP-BH-4

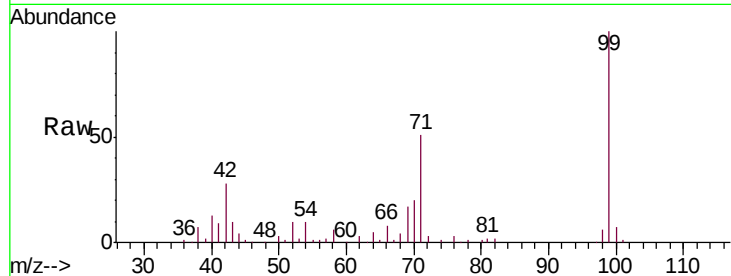
Tgt Ion: 99 Resp: 223891

Ion Ratio Lower Upper

99 100

42 28.5 13.5 20.3#

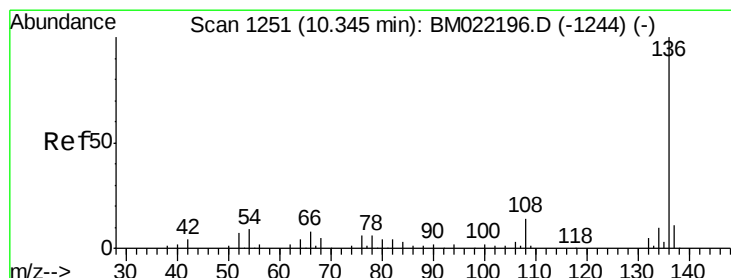
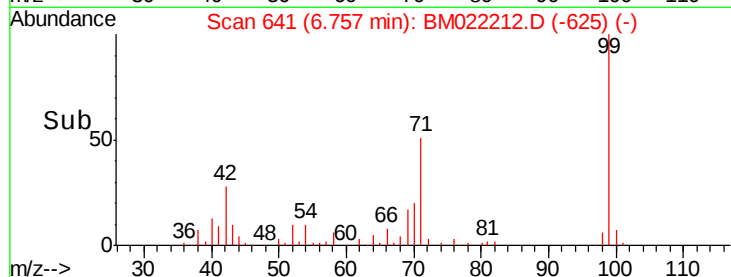
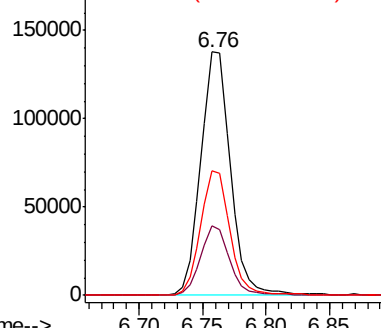
71 51.1 29.3 43.9#



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: 10.35 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM022212.D

Acq: 20 Aug 2019 14:59

Tgt Ion: 136 Resp: 127920

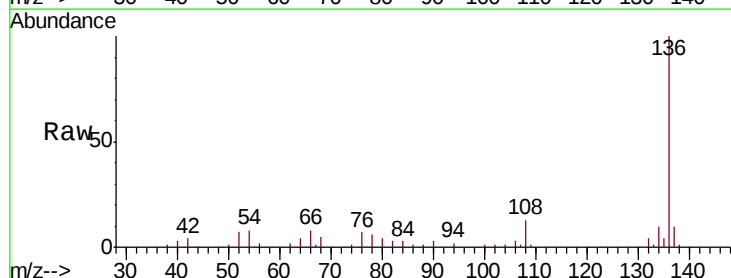
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 8.2 5.3 7.9#

68 4.6 4.4 6.6

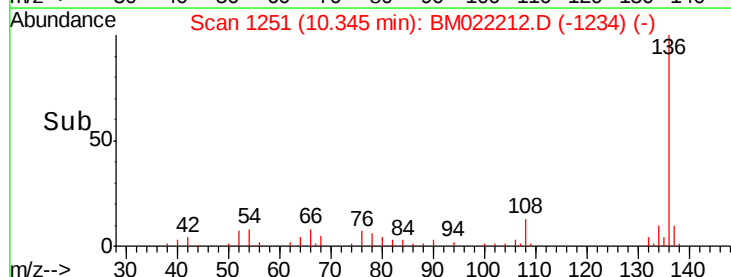
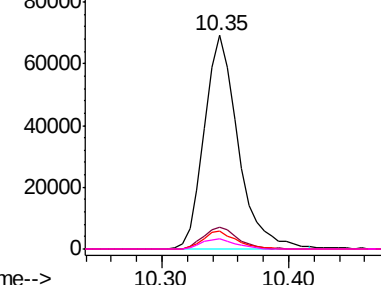


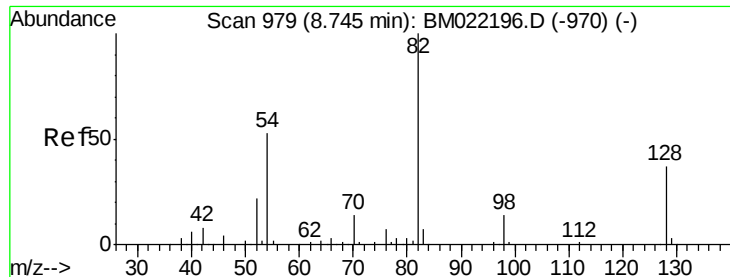
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

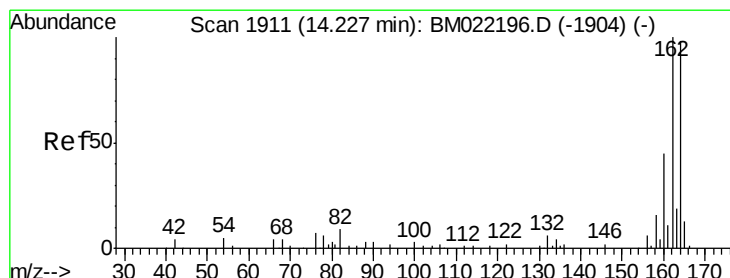
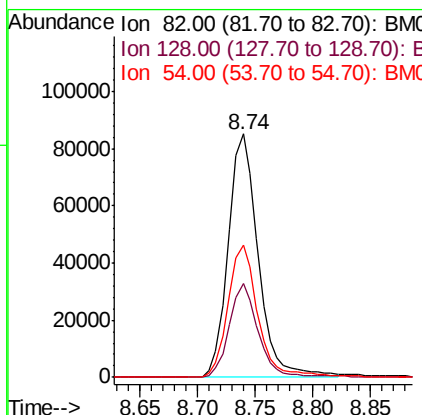
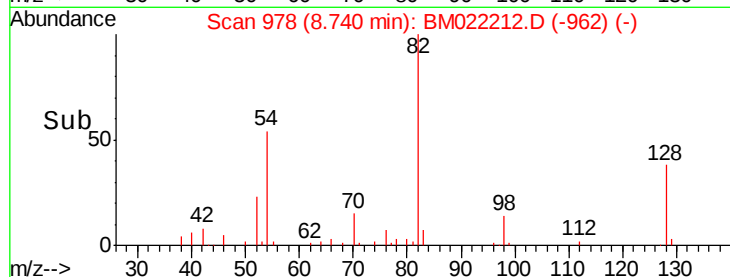
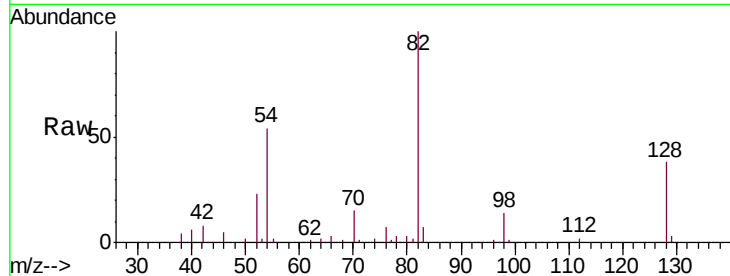




#23
 Nitrobenzene-d5
 Concen: 58.543 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM022212.D
 Acq: 20 Aug 2019 14:59

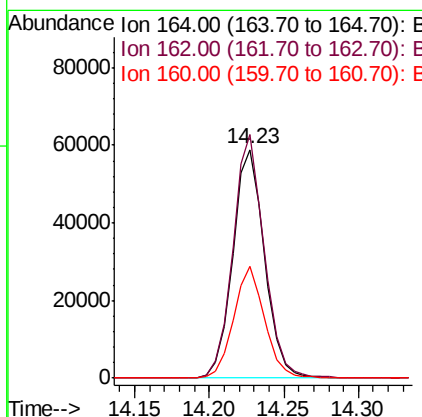
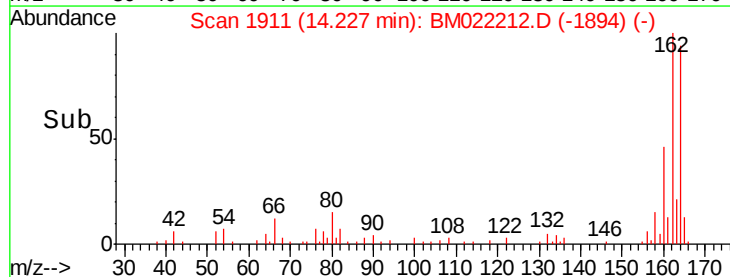
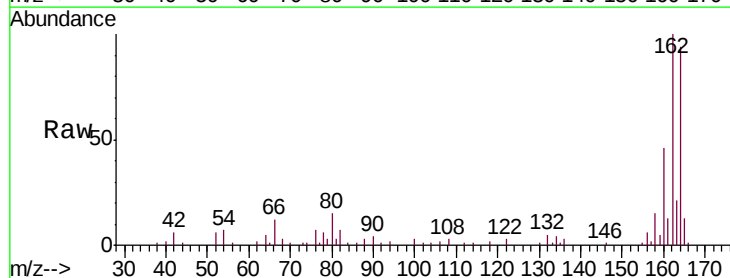
Instrument :
 BNA_M
 ClientSampleId :
 0603-COMP-BH-4

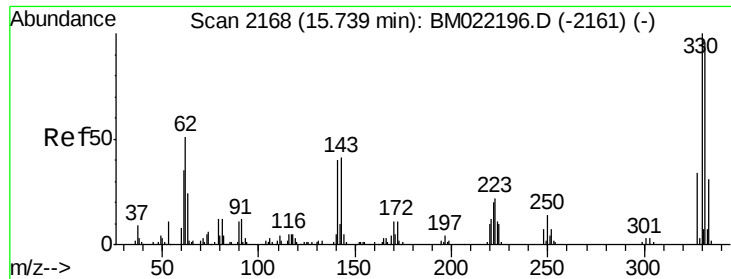
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	35.9	53.9
54	54.2	36.6	55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BM022212.D
 Acq: 20 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.1	123.1
160	48.6	37.1	55.7

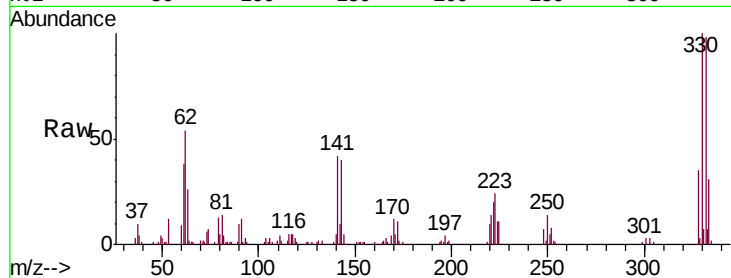




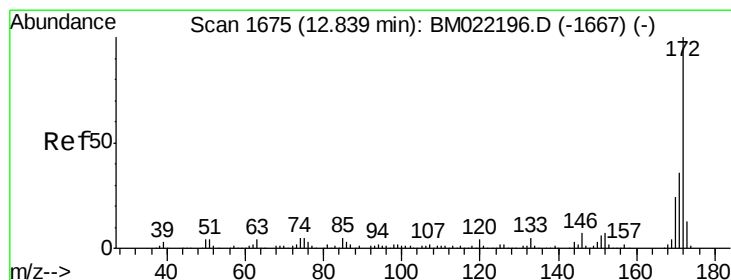
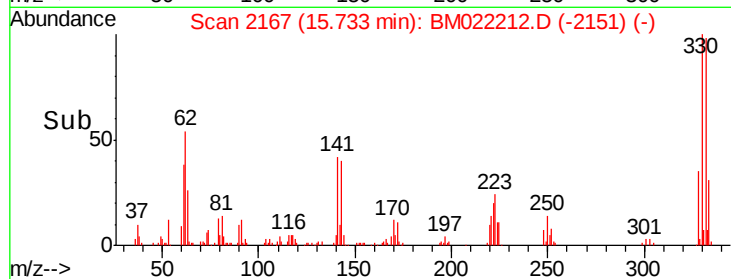
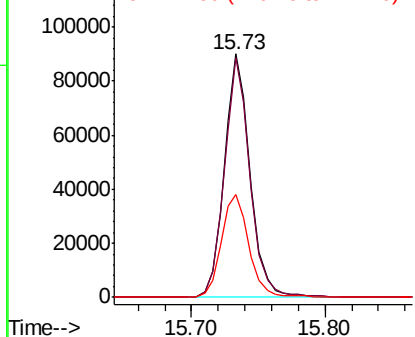
#42
 2,4,6-Tribromophenol
 Concen: 86.301 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022212.D
 Acq: 20 Aug 2019 14:59

Instrument :
 BNA_M
 ClientSampleId :
 0603-COMP-BH-4

Tgt Ion:330 Resp: 121562
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.1 115.7
 141 45.2 21.8 32.8#

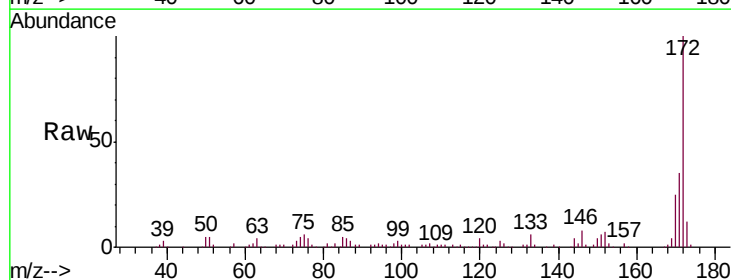


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

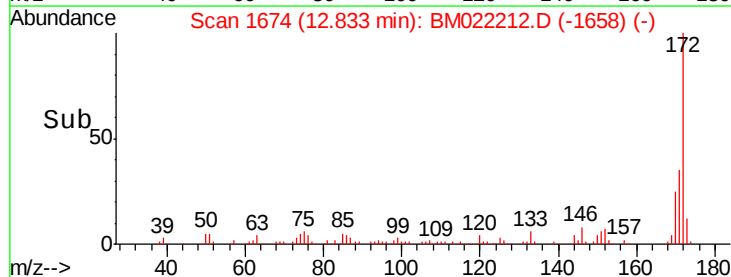
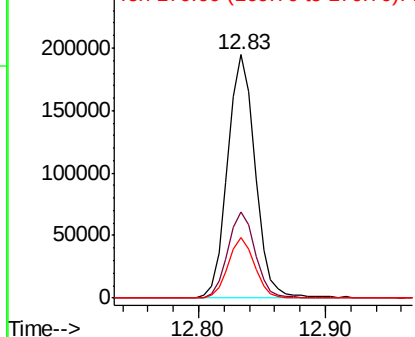


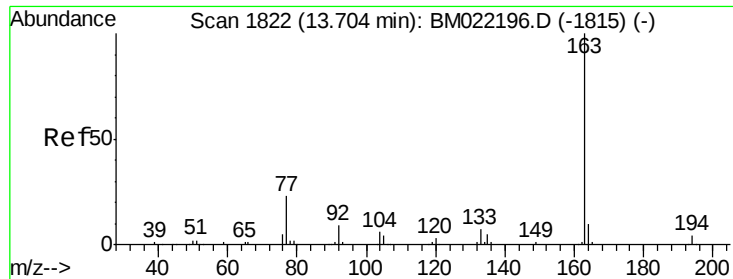
#45
 2-Fluorobiphenyl
 Concen: 41.999 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022212.D
 Acq: 20 Aug 2019 14:59

Tgt Ion:172 Resp: 292635
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 25.1 18.7 28.1



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





#50

Dimethylphthalate

Concen: 7.937 ng

RT: 13.70 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM022212.D

Acq: 20 Aug 2019 14:59

Instrument :

BNA_M

ClientSampleId :

0603-COMP-BH-4

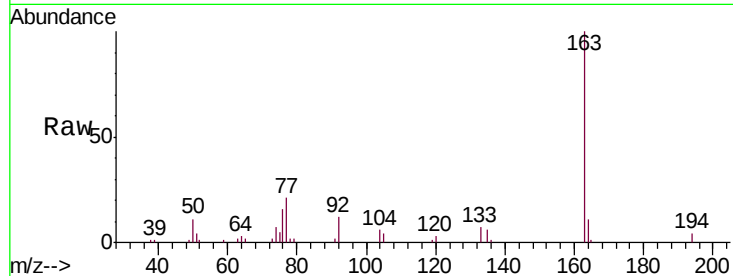
Tgt Ion:163 Resp: 58071

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.2

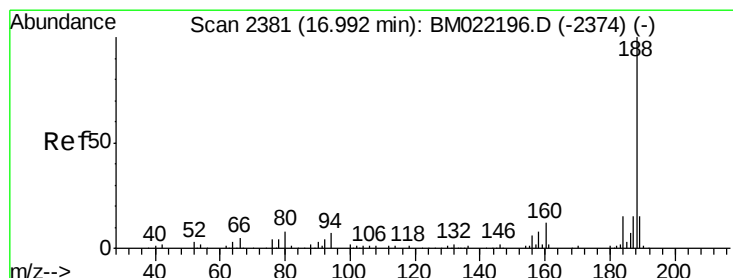
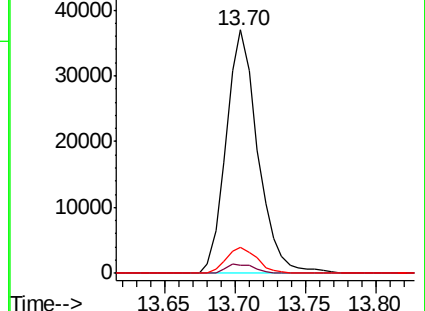
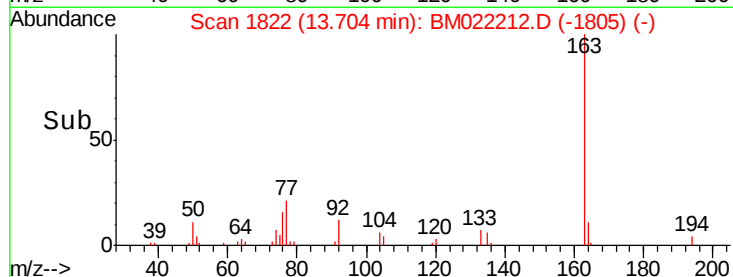
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM022212.D

Acq: 20 Aug 2019 14:59

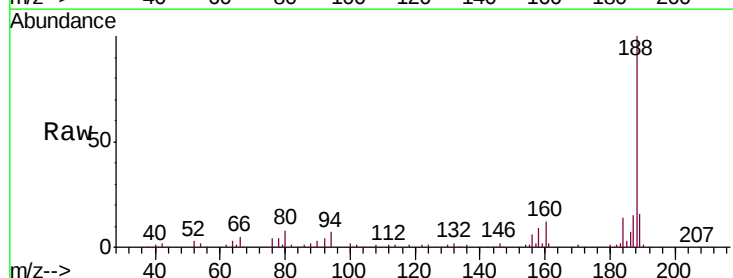
Tgt Ion:188 Resp: 192070

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

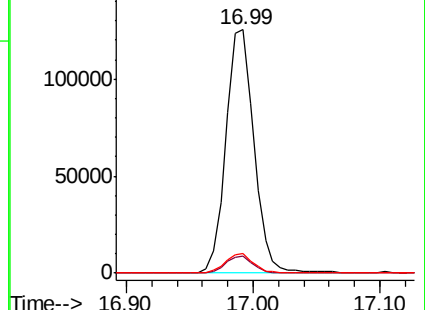
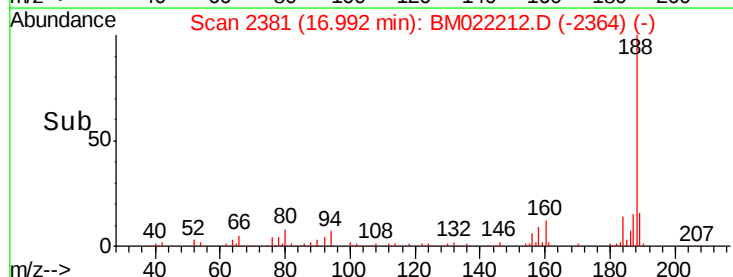
80 7.8 6.9 10.3

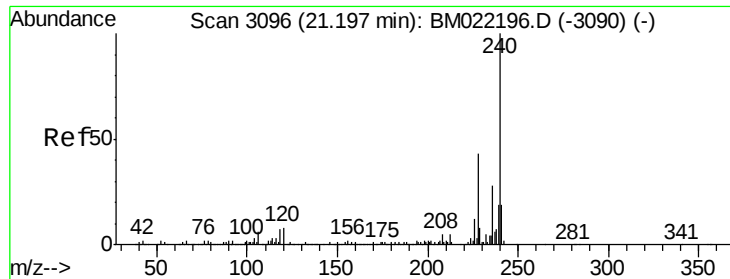


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

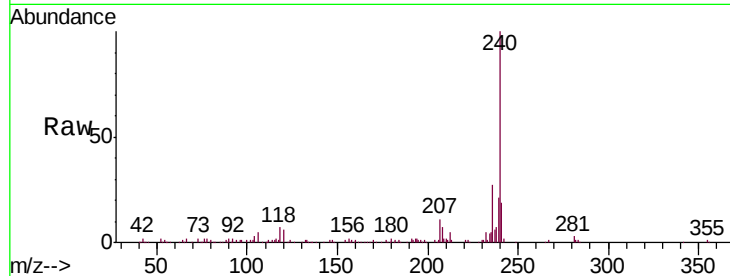




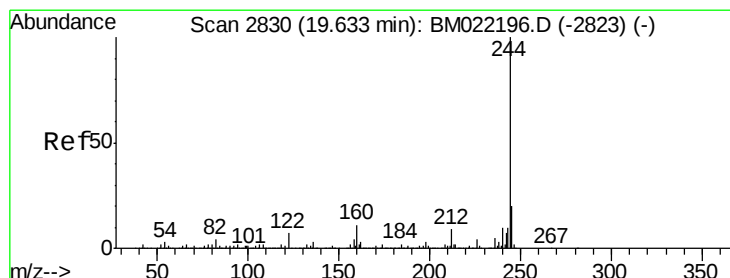
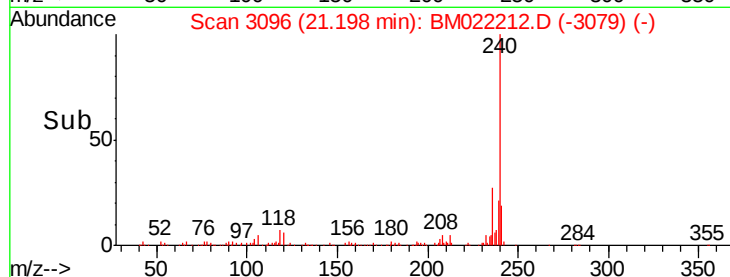
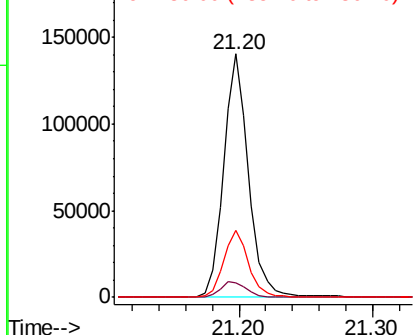
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022212.D
Acq: 20 Aug 2019 14:59

Instrument :
BNA_M
ClientSampleId :
0603-COMP-BH-4

Tgt Ion:240 Resp: 183592
Ion Ratio Lower Upper
240 100
120 6.1 6.9 10.3#
236 27.5 20.4 30.6

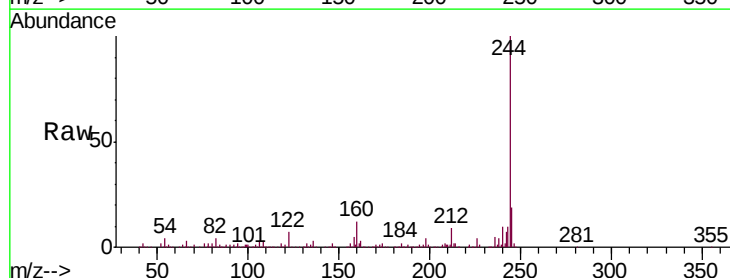


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

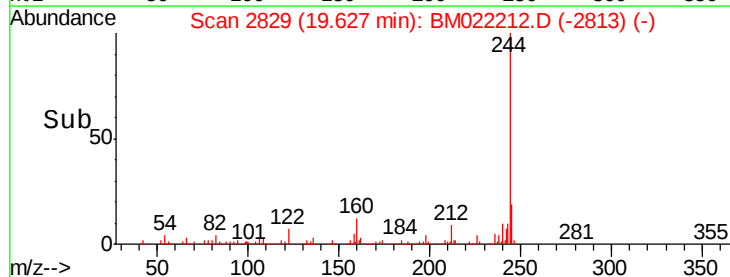
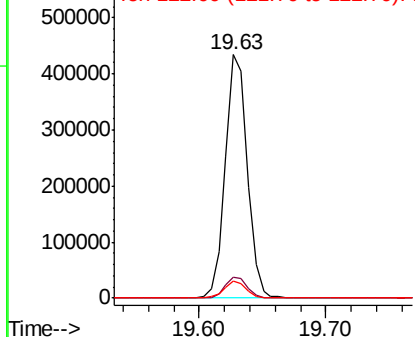


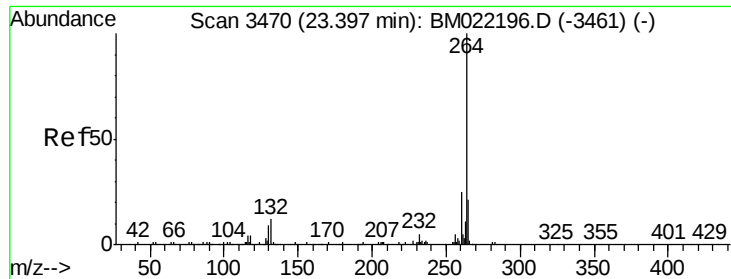
#79
Terphenyl-d14
Concen: 41.462 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM022212.D
Acq: 20 Aug 2019 14:59

Tgt Ion:244 Resp: 522417
Ion Ratio Lower Upper
244 100
212 8.8 5.3 7.9#
122 7.2 6.6 9.8



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM022212.D
Acq: 20 Aug 2019 14:59

Instrument :
BNA_M
ClientSampleId :
0603-COMP-BH-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	22.2	17.7	26.5

