

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
 Data File : BM022224.D
 Acq On : 21 Aug 2019 12:02
 Operator : HP/JU
 Sample : K4237-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)

Quant Time: Aug 21 14:17:37 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

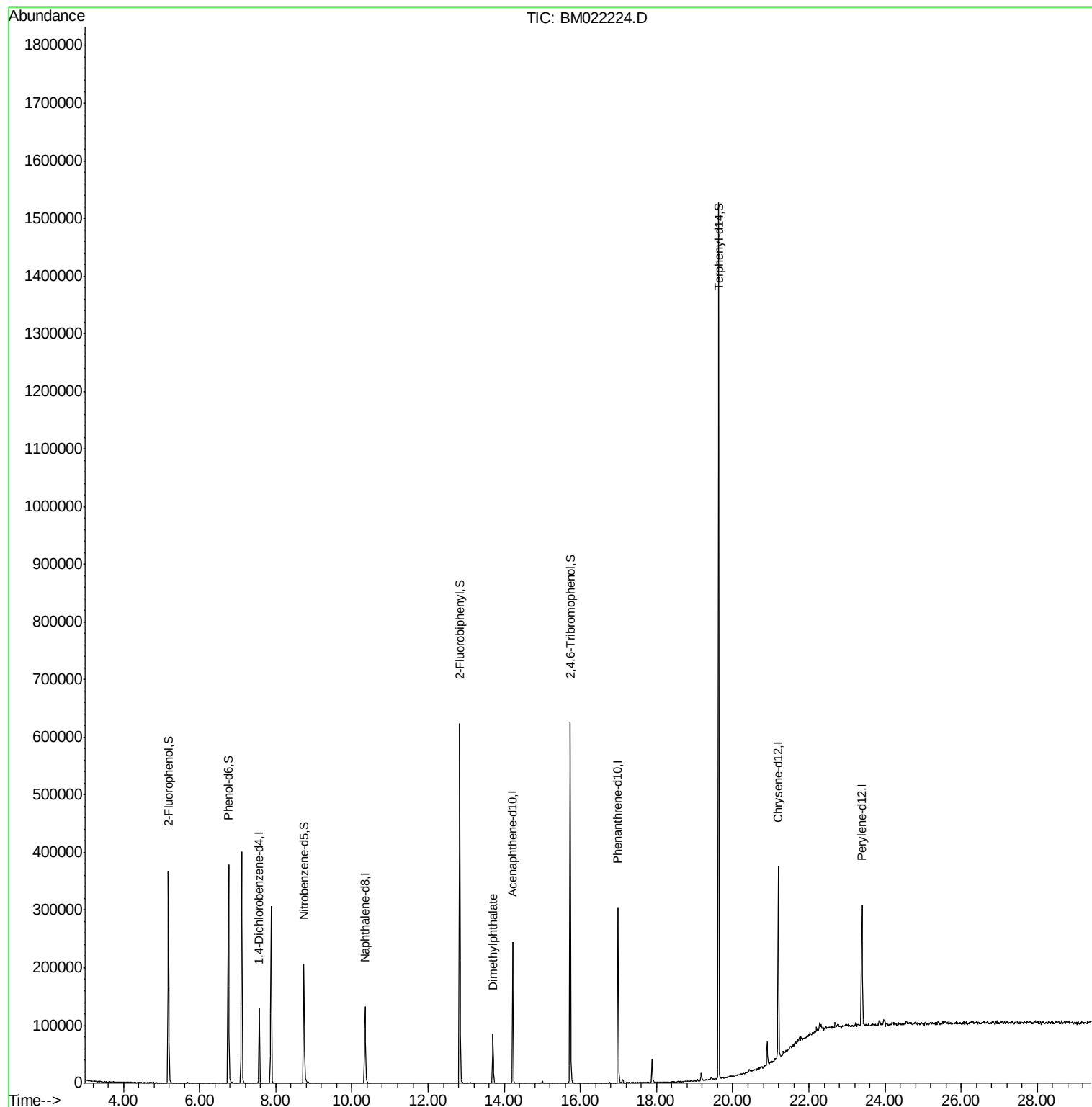
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	29836	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	115611	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	79670	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	180061	20.00	ng	0.00
76) Chrysene-d12	21.19	240	158028	20.00	ng	0.00
87) Perylene-d12	23.39	264	151350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	126901	75.79	ng	0.00
7) Phenol-d6	6.76	99	174187	78.12	ng	0.00
23) Nitrobenzene-d5	8.74	82	123360	51.90	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	99162	76.90	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	299658	46.98	ng	0.00
79) Terphenyl-d14	19.63	244	595047	54.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.70	163	59654	8.906	ng	Qvalue 98

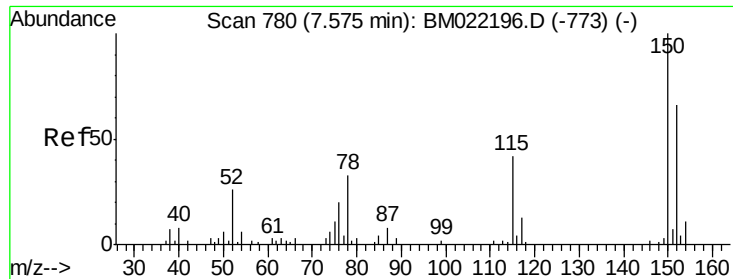
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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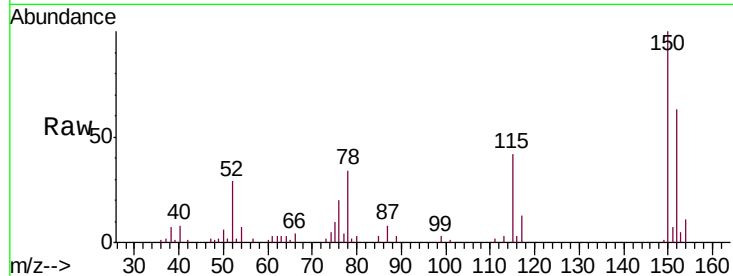




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BM022224.D
 Acq: 21 Aug 2019 12:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.1	184.7
115	66.2	44.2	66.4

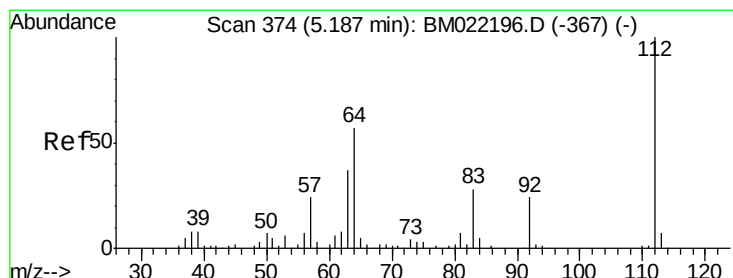
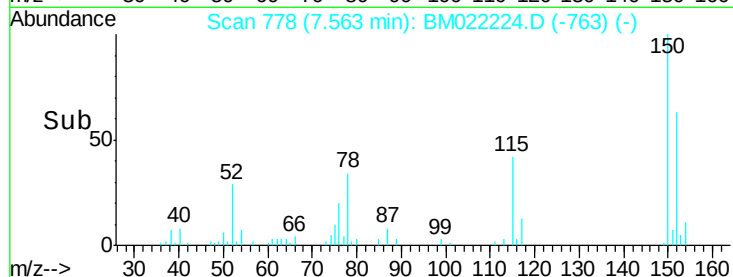
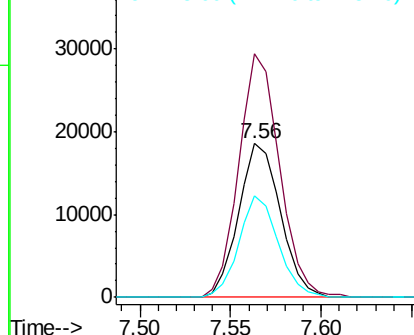


Abundance

Ion 152.00 (151.70 to 152.70): E

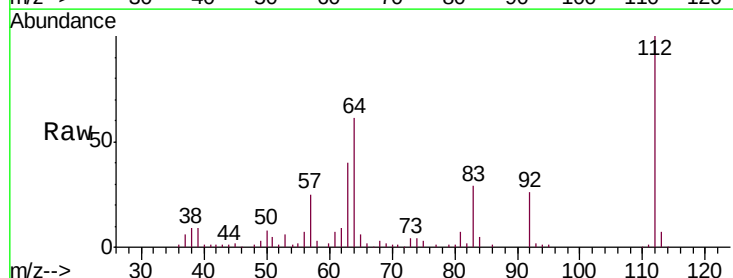
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 75.793 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BM022224.D
 Acq: 21 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	45.2	67.8
63	40.3	23.5	35.3

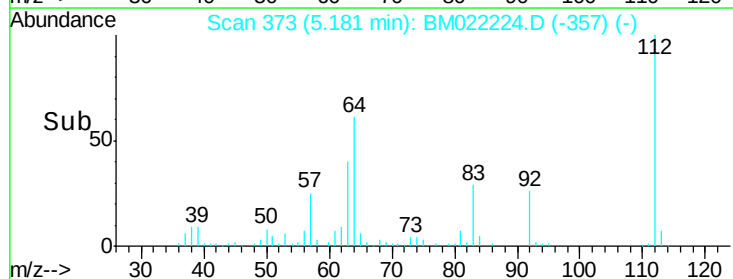
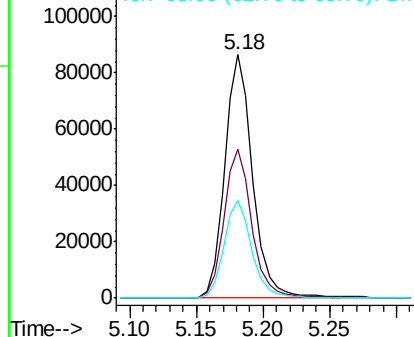


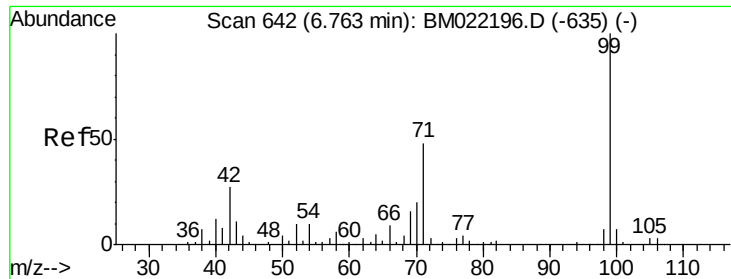
Abundance

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: 78.123 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

Instrument :

BNA_M

ClientSampled :

SB-05(13-14)

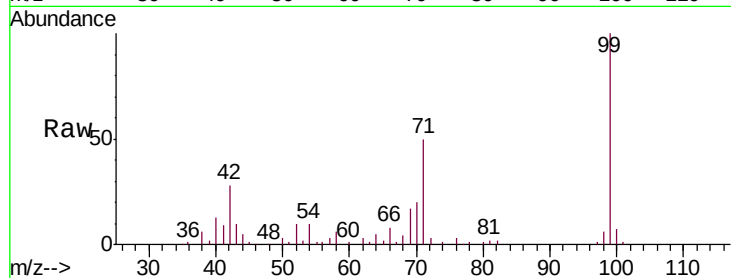
Tgt Ion: 99 Resp: 174187

Ion Ratio Lower Upper

99 100

42 27.5 13.5 20.3#

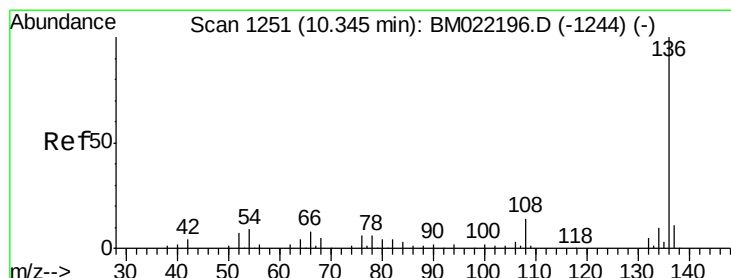
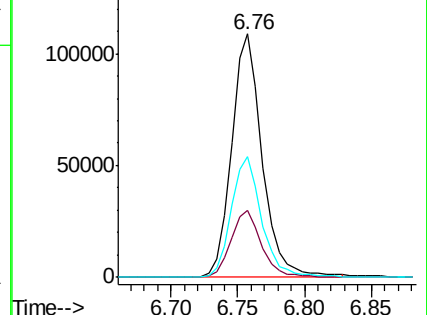
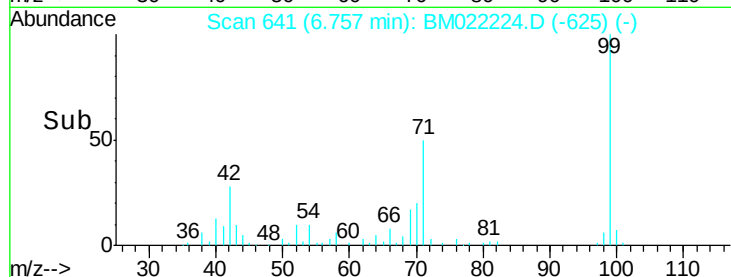
71 49.8 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022224.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022224.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022224.D (-625) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

Tgt Ion: 136 Resp: 115611

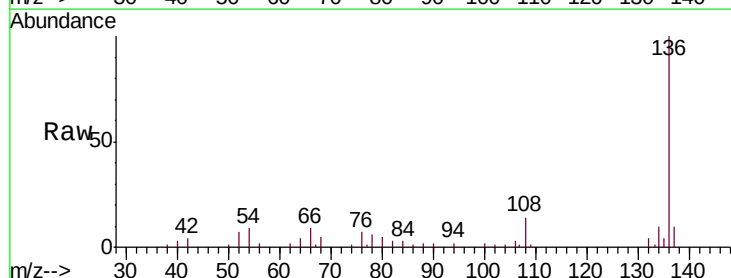
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 8.6 5.3 7.9#

68 5.3 4.4 6.6

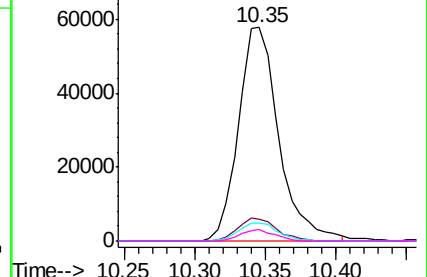
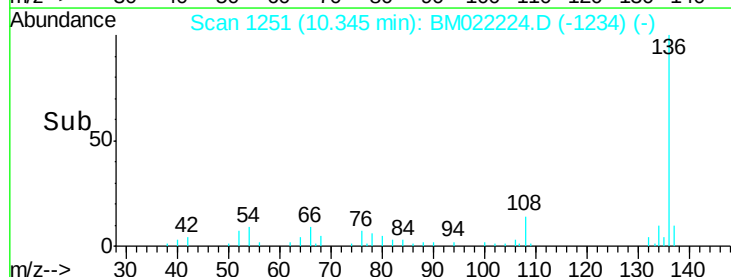


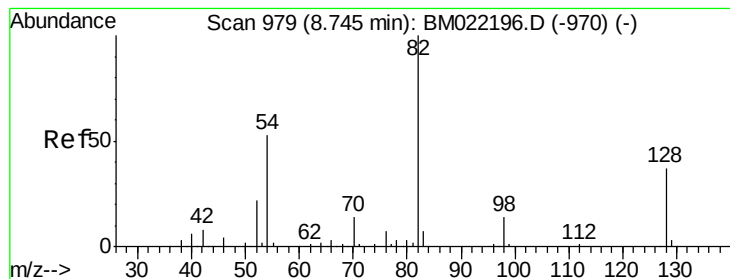
Abundance Ion 136.00 (135.70 to 136.70): BM022224.D (-1234) (-)

Ion 137.00 (136.70 to 137.70): BM022224.D (-1234) (-)

Ion 54.00 (53.70 to 54.70): BM022224.D (-1234) (-)

Ion 68.00 (67.70 to 68.70): BM022224.D (-1234) (-)





#23

Nitrobenzene-d5

Concen: 51.897 ng

RT: 8.74 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)

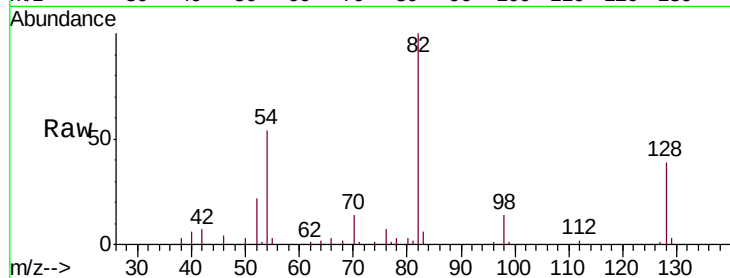
Tgt Ion: 82 Resp: 123360

Ion Ratio Lower Upper

82 100

128 38.8 35.9 53.9

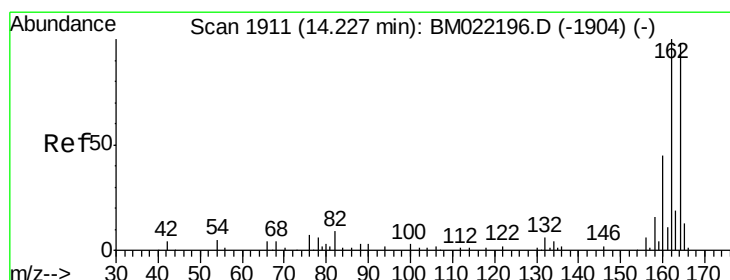
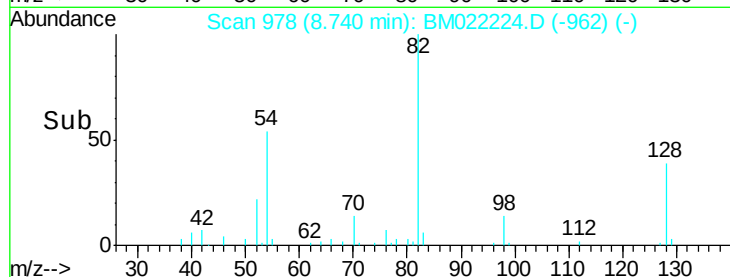
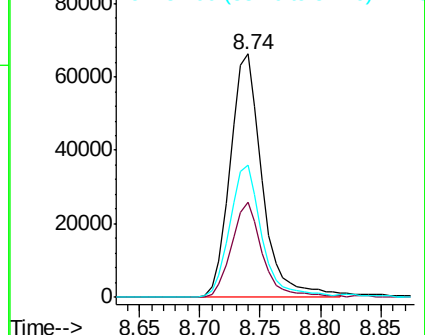
54 54.5 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BM022224.D (-962) (-)

Ion 128.00 (127.70 to 128.70): BM022224.D (-962) (-)

Ion 54.00 (53.70 to 54.70): BM022224.D (-962) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

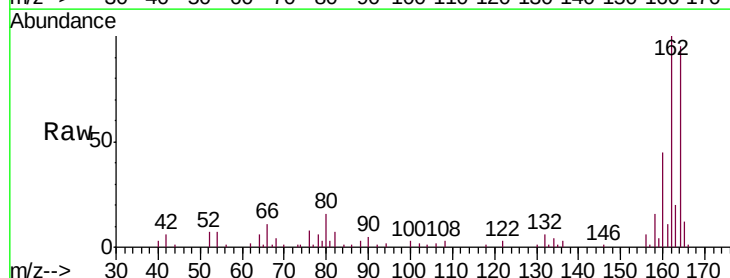
Tgt Ion: 164 Resp: 79670

Ion Ratio Lower Upper

164 100

162 104.9 82.1 123.1

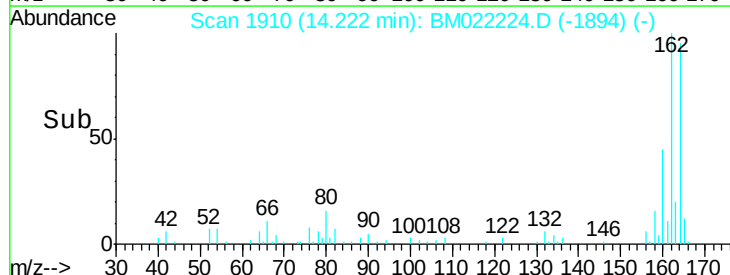
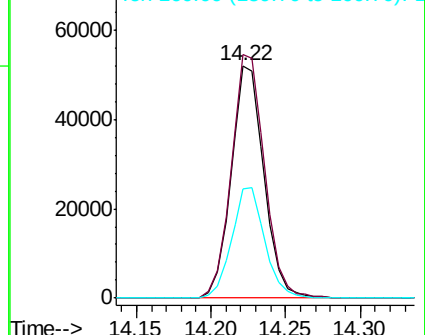
160 47.2 37.1 55.7

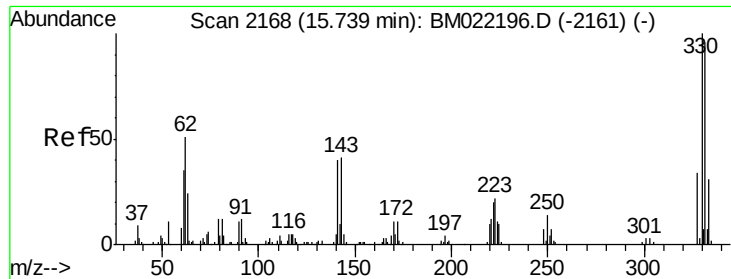


Abundance Ion 164.00 (163.70 to 164.70): BM022224.D (-1894) (-)

Ion 162.00 (161.70 to 162.70): BM022224.D (-1894) (-)

Ion 160.00 (159.70 to 160.70): BM022224.D (-1894) (-)

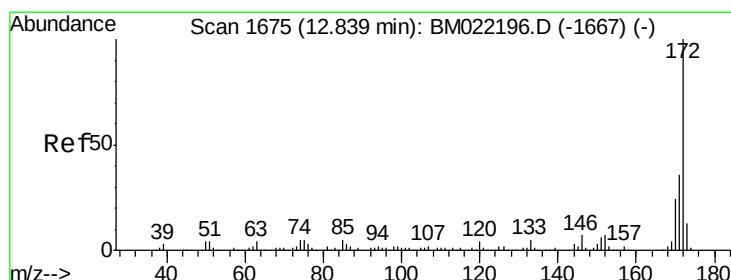
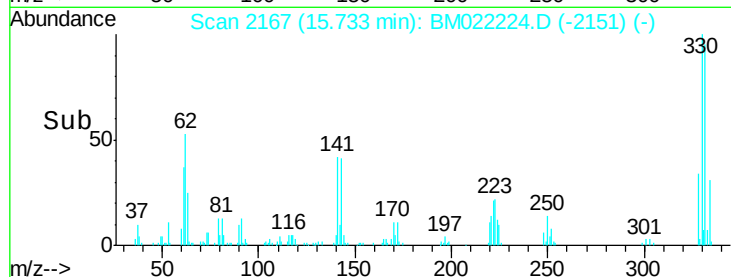
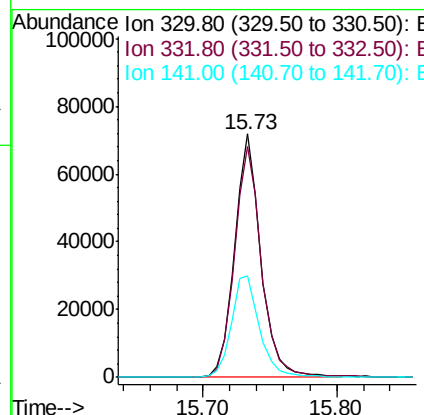
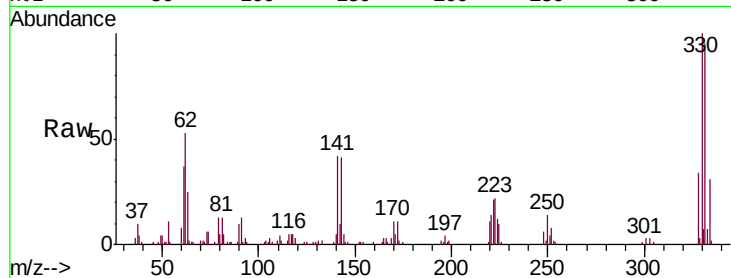




#42
 2,4,6-Tribromophenol
 Concen: 76.898 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022224.D
 Acq: 21 Aug 2019 12:02

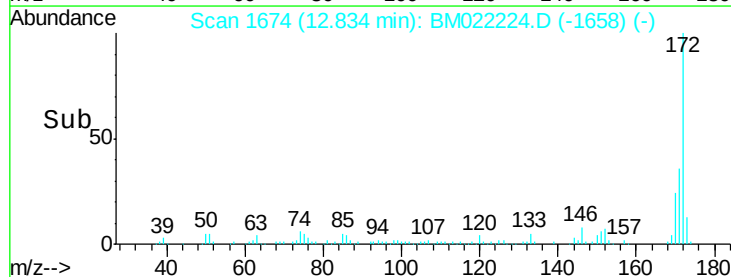
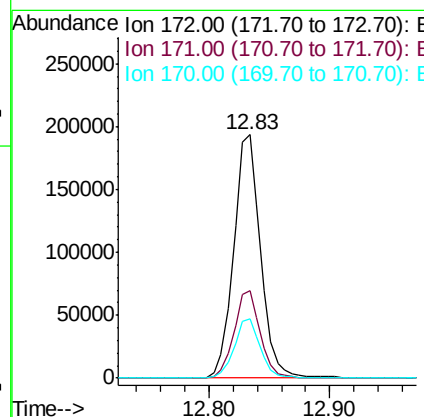
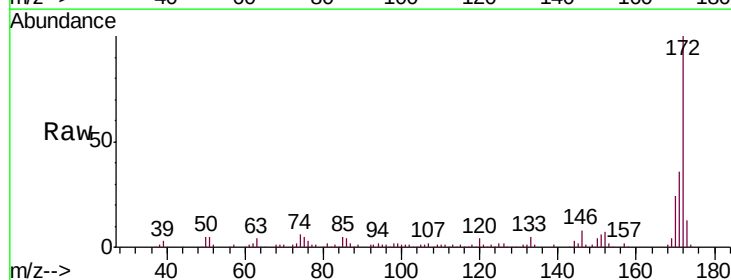
Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)

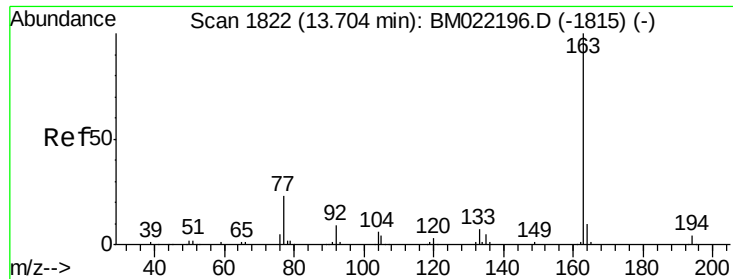
Tgt Ion:330 Resp: 99162
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.1 115.7
 141 44.6 21.8 32.8#



#45
 2-Fluorobiphenyl
 Concen: 46.978 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022224.D
 Acq: 21 Aug 2019 12:02

Tgt Ion:172 Resp: 299658
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.2 18.7 28.1





#50

Dimethylphthalate

Concen: 8.906 ng

RT: 13.70 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)

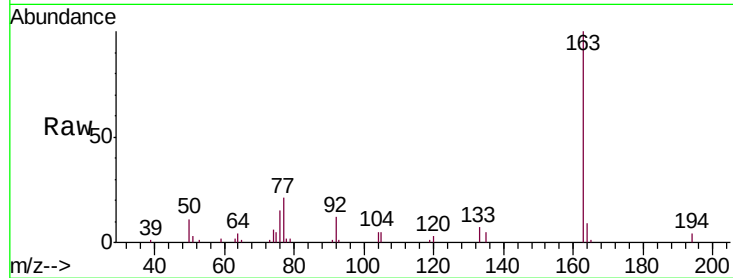
Tgt Ion:163 Resp: 59654

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

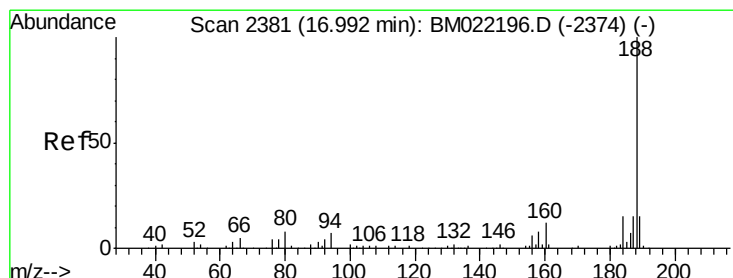
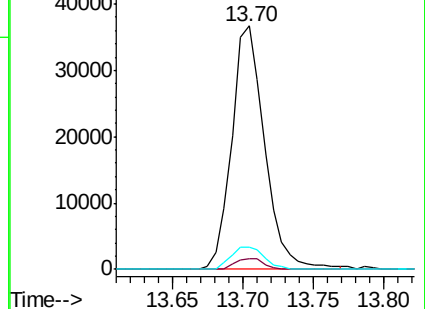
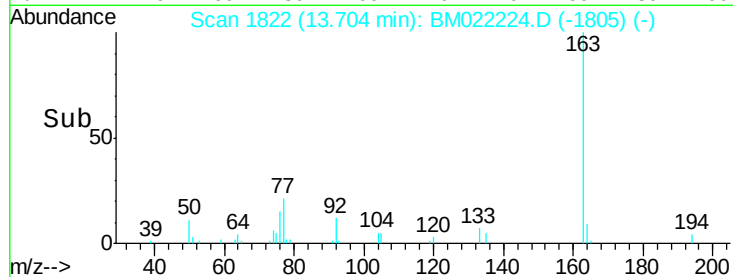
164 9.3 8.2 12.2



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# 2380

Delta R.T. -0.01 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

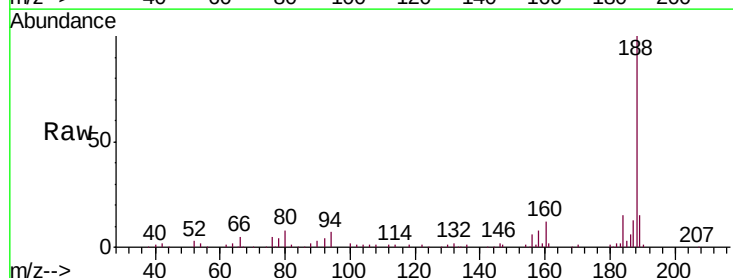
Tgt Ion:188 Resp: 180061

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

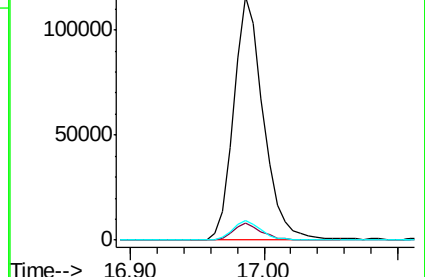
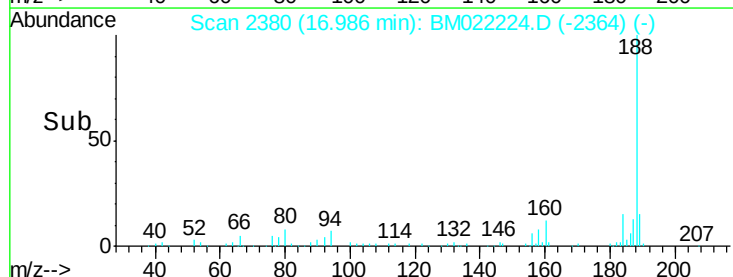
80 8.2 6.9 10.3

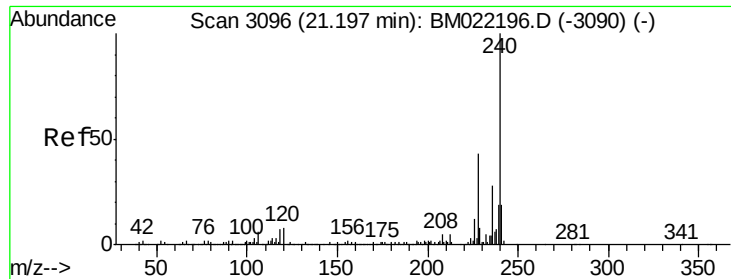


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)

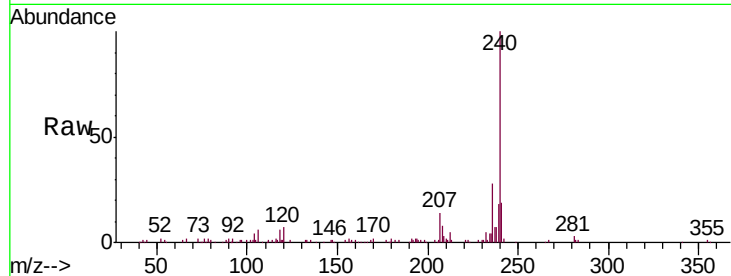
Tgt Ion:240 Resp: 158028

Ion Ratio Lower Upper

240 100

120 7.3 6.9 10.3

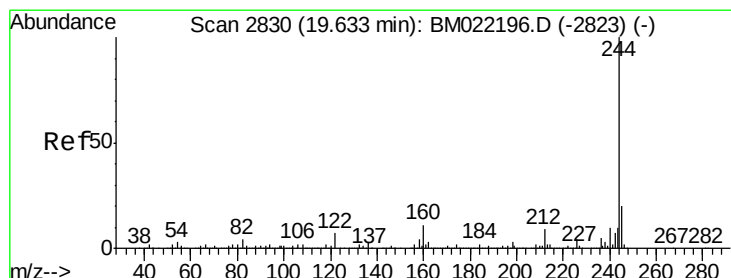
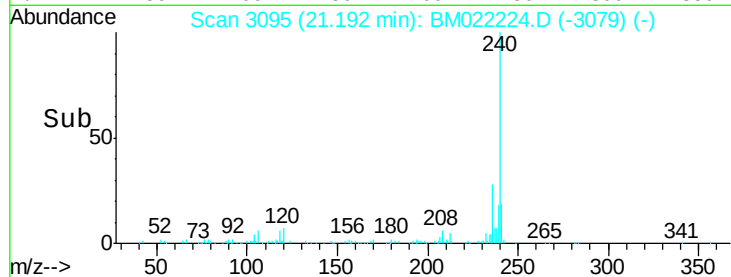
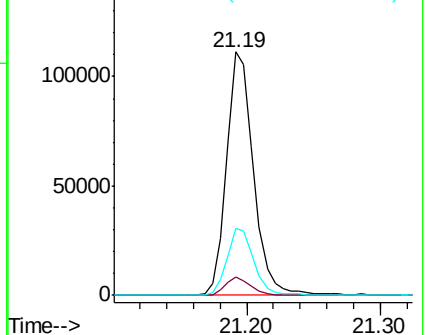
236 27.8 20.4 30.6



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: 54.866 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022224.D

Acq: 21 Aug 2019 12:02

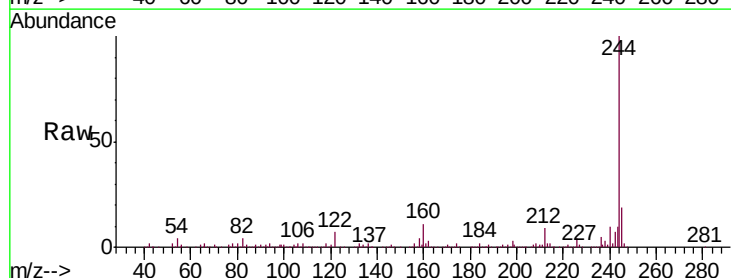
Tgt Ion:244 Resp: 595047

Ion Ratio Lower Upper

244 100

212 8.7 5.3 7.9#

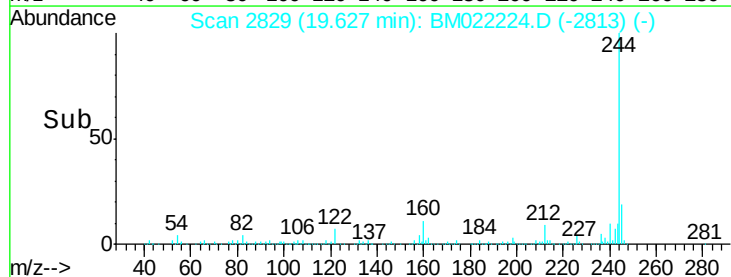
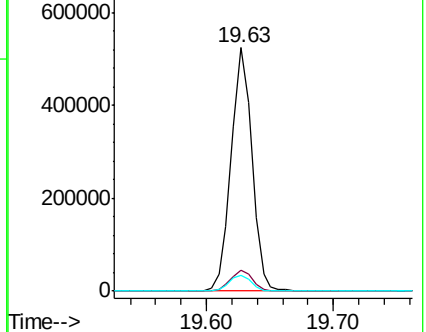
122 6.7 6.6 9.8

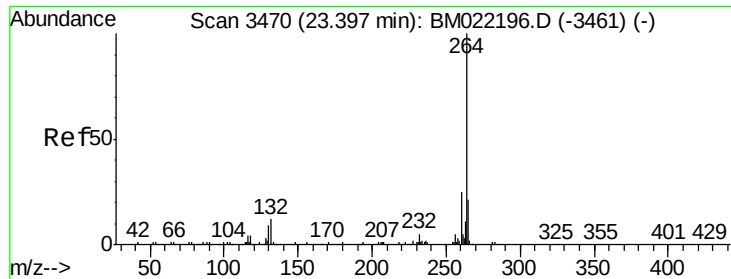


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM022224.D
Acq: 21 Aug 2019 12:02

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	20.7	17.7	26.5

