

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022235.D
 Acq On : 21 Aug 2019 18:48
 Operator : HP/JU
 Sample : K4095-09RE 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 03:44:59 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

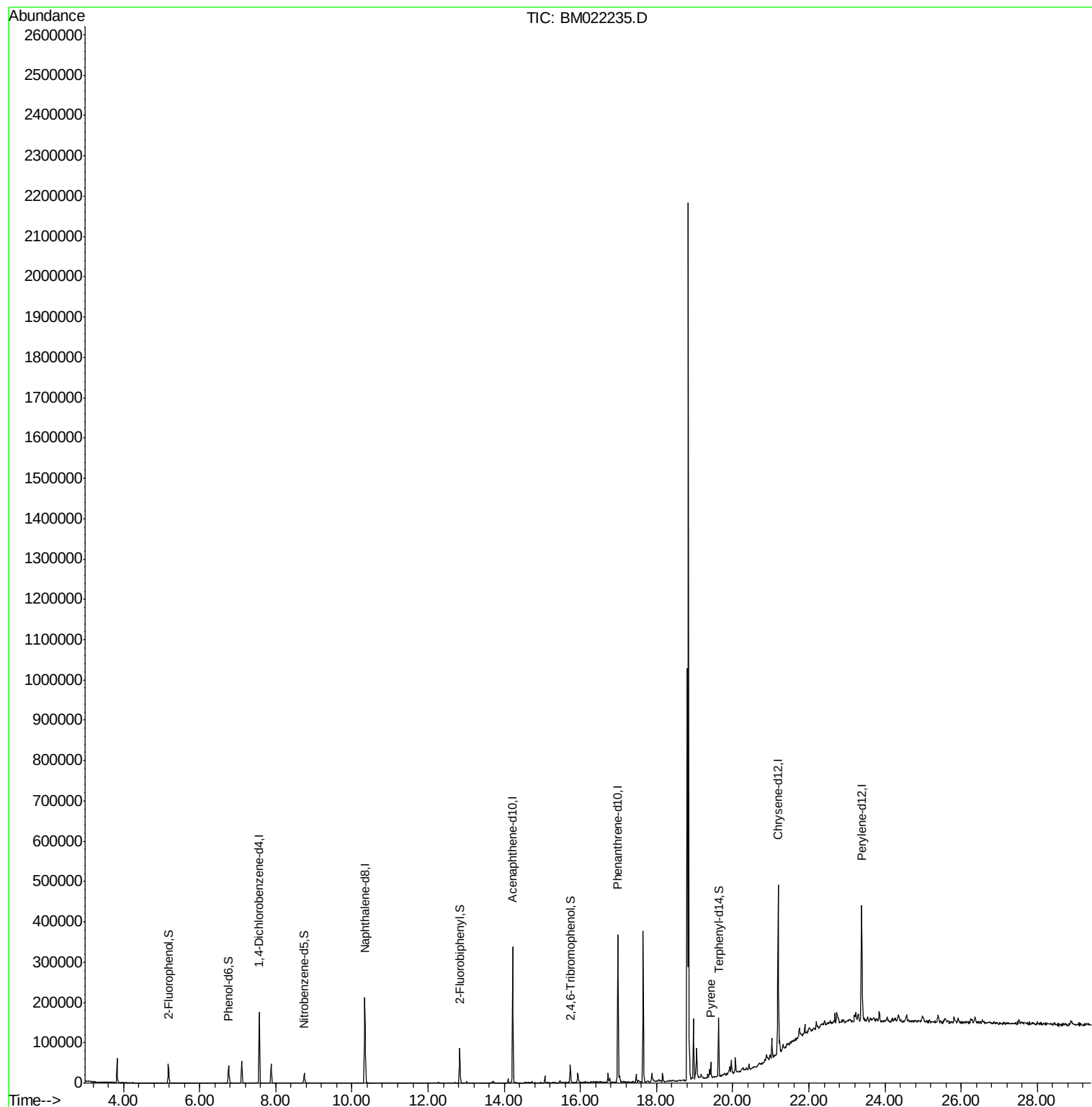
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	41434	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	163128	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	102323	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	192673	20.00	ng	0.00
76) Chrysene-d12	21.19	240	162402	20.00	ng	0.00
87) Perylene-d12	23.39	264	189379	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	19522	8.40	ng	0.00
7) Phenol-d6	6.76	99	25607	8.27	ng	0.00
23) Nitrobenzene-d5	8.75	82	17696	5.28	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	9247	5.58	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	45029	5.50	ng	0.00
79) Terphenyl-d14	19.63	244	58092	5.21	ng	0.00
Target Compounds						
78) Pyrene	19.42	202	24041	2.103	ng	Qvalue 96

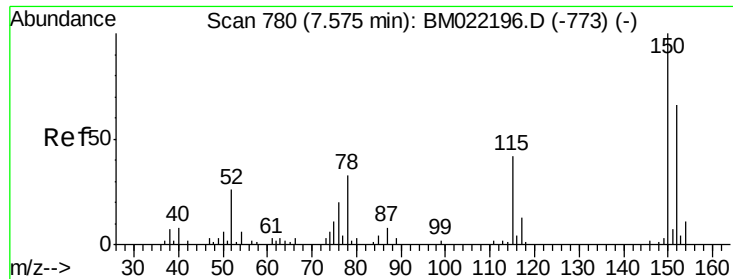
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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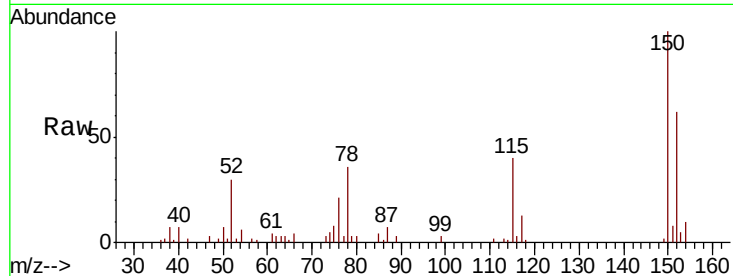


#1

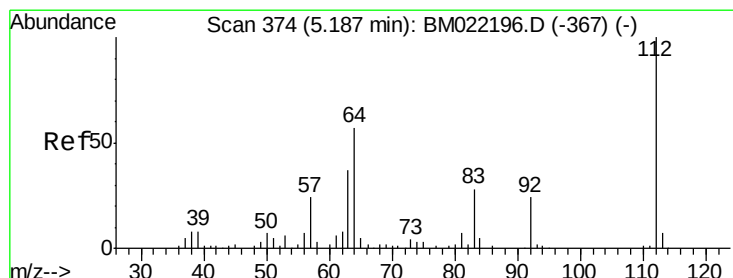
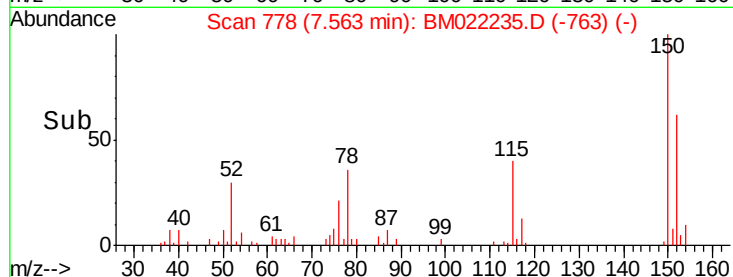
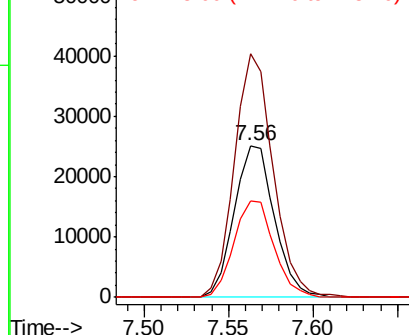
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 41434
Ion Ratio Lower Upper
152 100
150 160.6 123.1 184.7
115 63.5 44.2 66.4



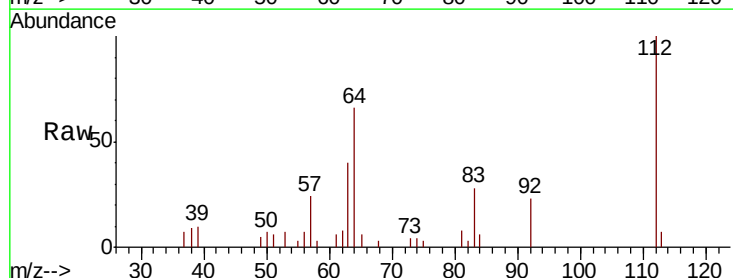
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



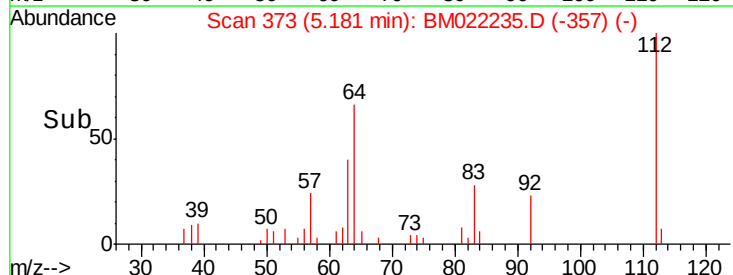
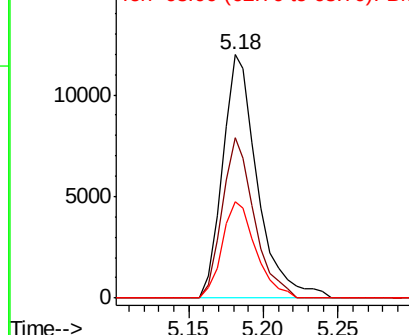
#5

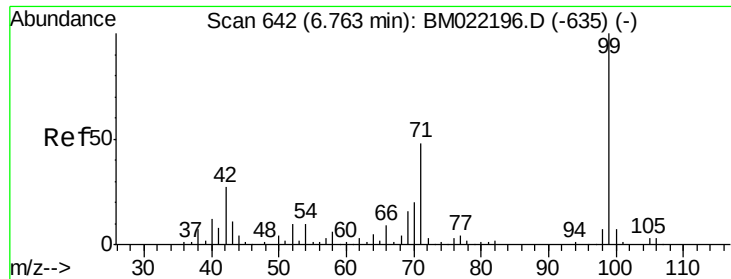
2-Fluorophenol
Concen: 8.396 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

Tgt Ion:112 Resp: 19522
Ion Ratio Lower Upper
112 100
64 65.9 45.2 67.8
63 39.5 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: 8.270 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022235.D

Acq: 21 Aug 2019 18:48

Instrument :

BNA_M

ClientSampleId :

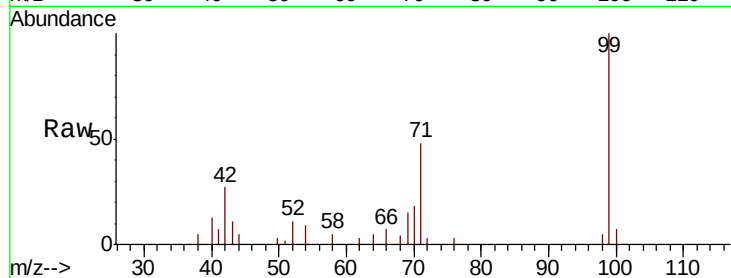
Tot Ion: 99 Resp: 25607

Ion Ratio Lower Upper

99 100

42 26.7 13.5 20.3#

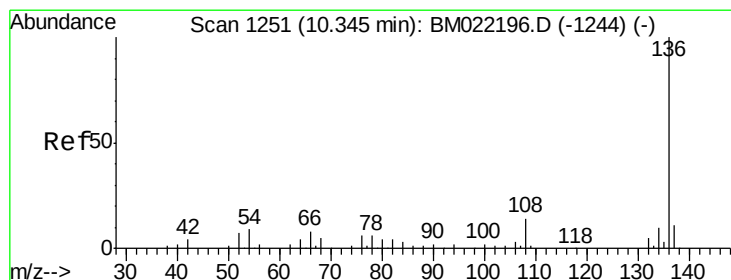
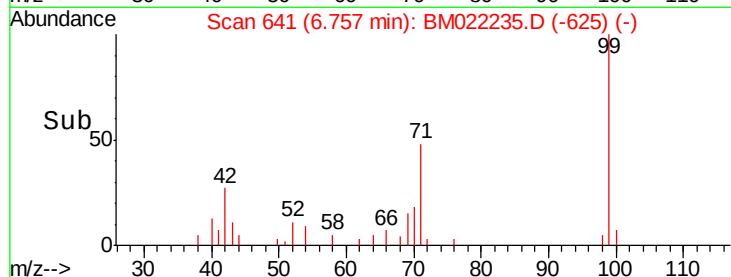
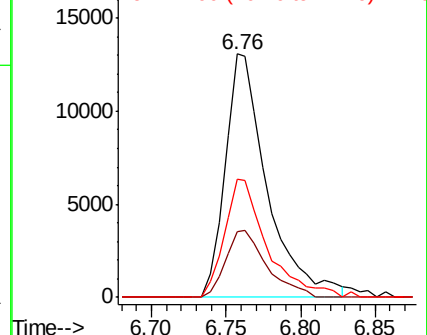
71 48.5 29.3 43.9#



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: 10.34 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM022235.D

Acq: 21 Aug 2019 18:48

Tgt Ion: 136 Resp: 163128

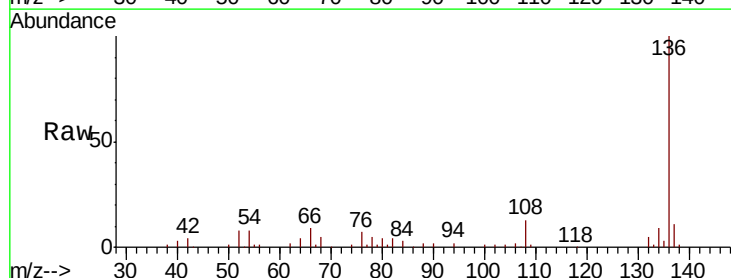
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.9 5.3 7.9#

68 4.6 4.4 6.6

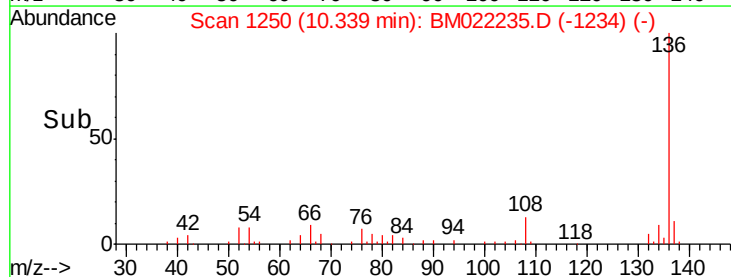
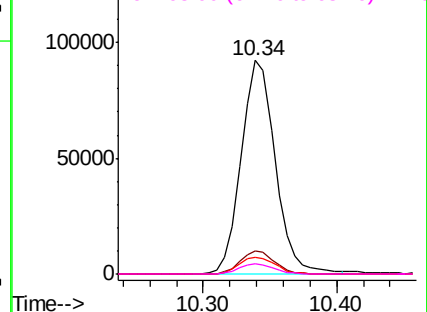


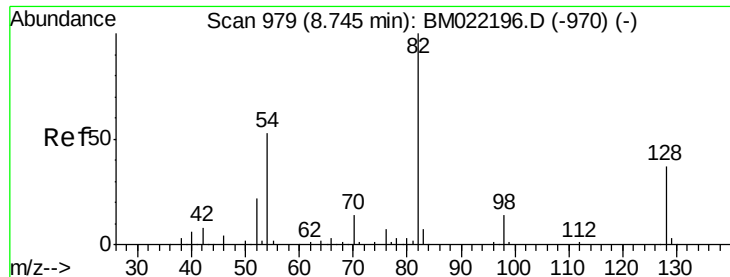
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

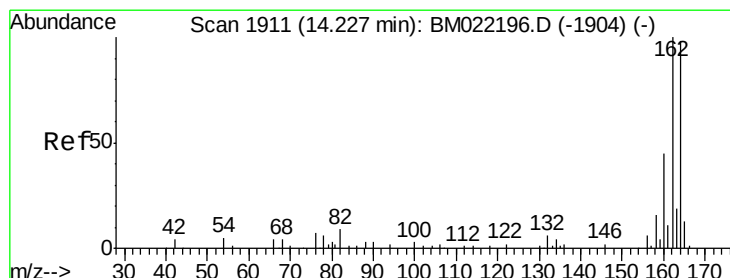
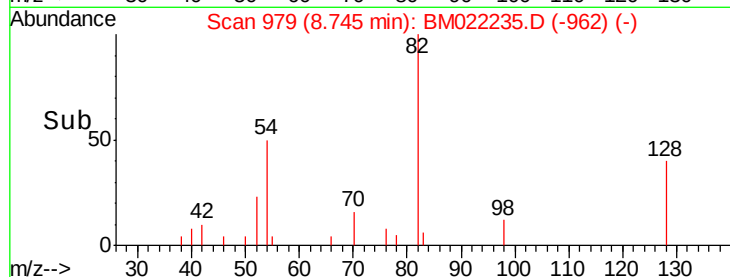
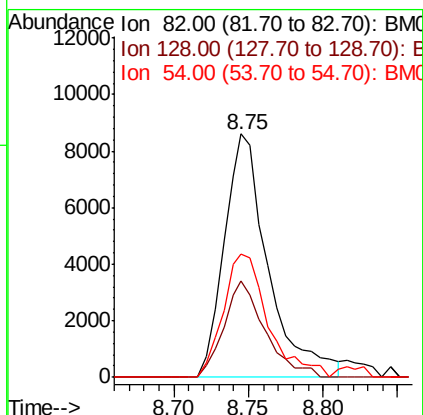
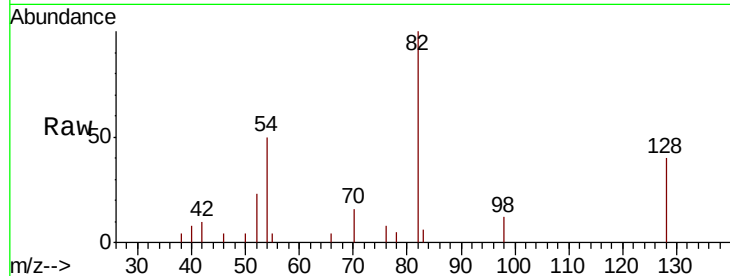




#23
Nitrobenzene-d5
Concen: 5.276 ng
RT: 8.75 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

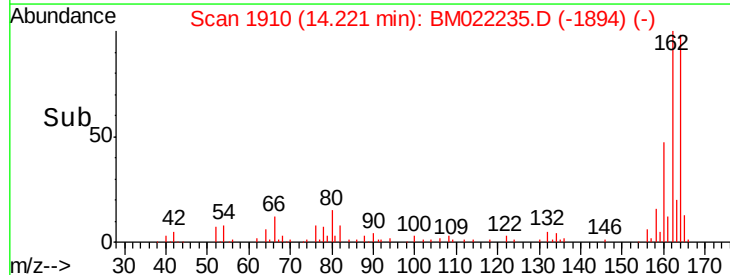
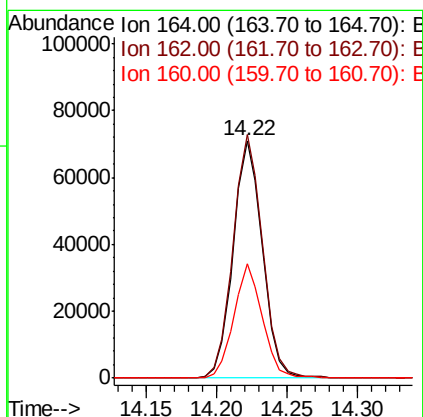
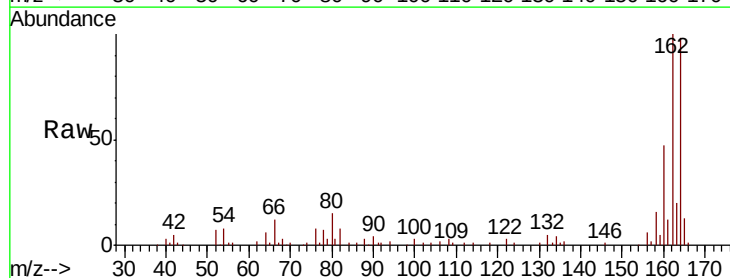
Instrument :
BNA_M
ClientSampled :

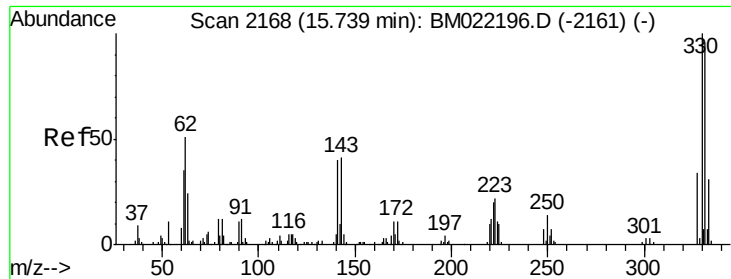
Tot Ion	82	Resp	17696
Ion Ratio	100	Lower	Upper
128	39.6	35.9	53.9
54	50.4	36.6	55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

Tgt Ion	164	Resp	102323
Ion Ratio	100	Lower	Upper
162	102.4	82.1	123.1
160	48.0	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 5.583 ng

RT: 15.74 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BM022235.D

Acq: 21 Aug 2019 18:48

Instrument :

BNA_M

ClientSampleId :

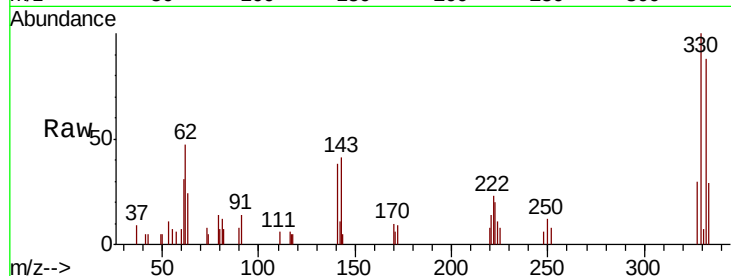
Tot Ion:330 Resp: 9247

Ion Ratio Lower Upper

330 100

332 91.6 77.1 115.7

141 43.4 21.8 32.8#

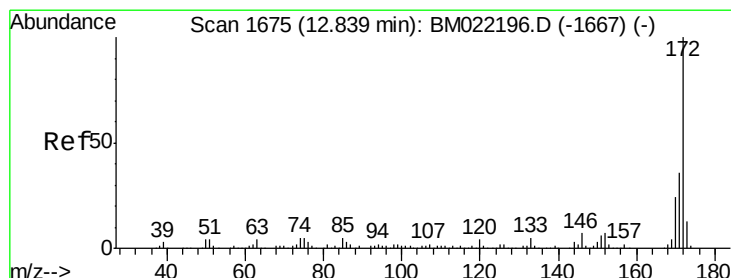
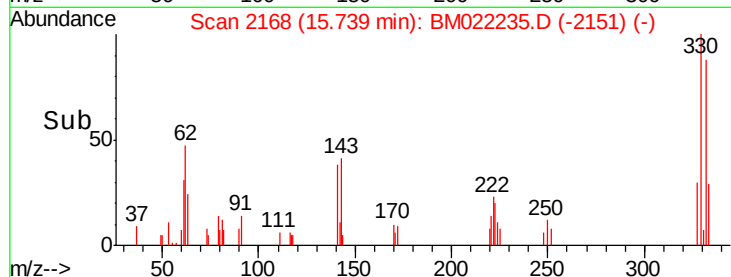
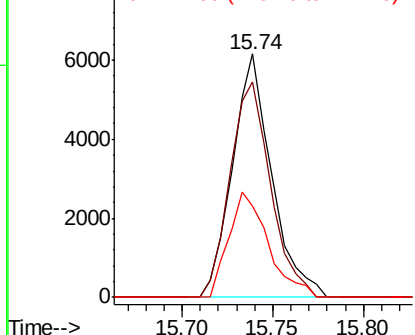


Abundance

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: 5.496 ng

RT: 12.83 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BM022235.D

Acq: 21 Aug 2019 18:48

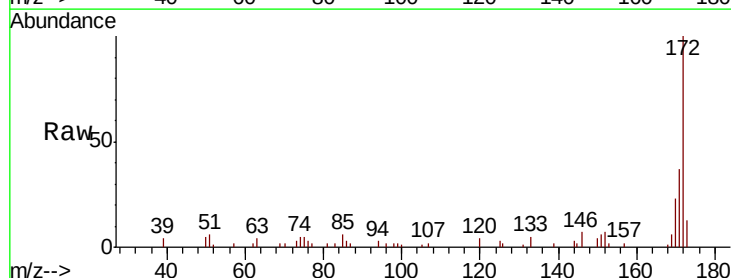
Tgt Ion:172 Resp: 45029

Ion Ratio Lower Upper

172 100

171 36.8 28.6 43.0

170 23.5 18.7 28.1

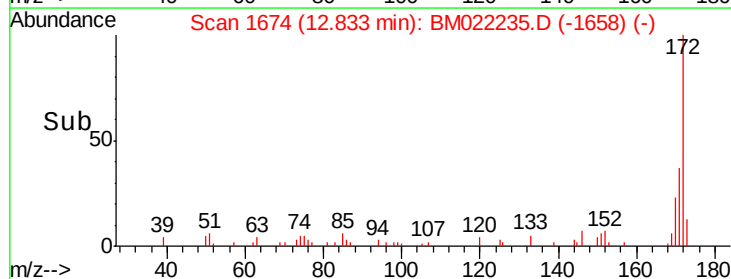
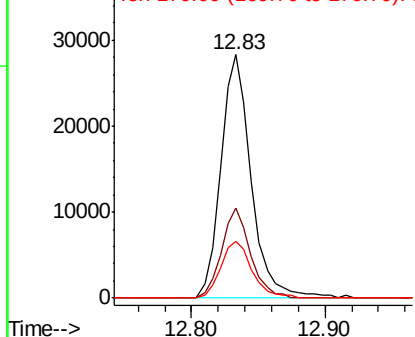


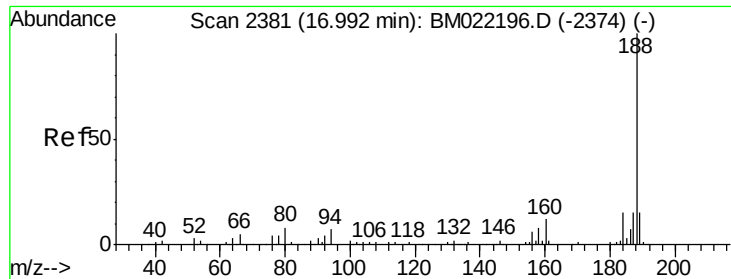
Abundance

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

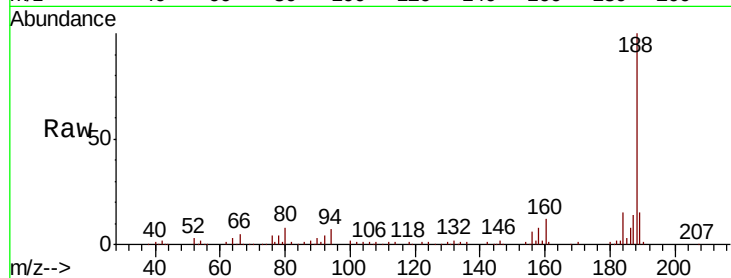




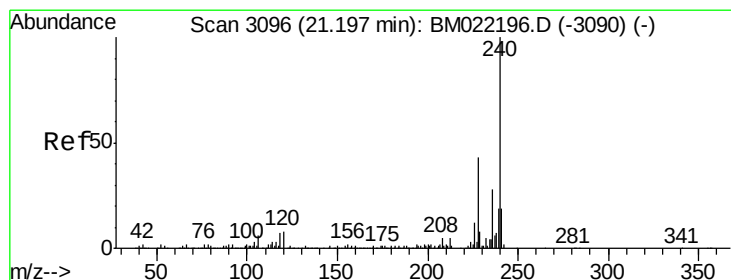
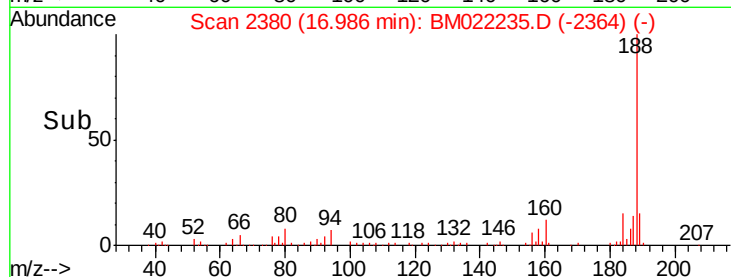
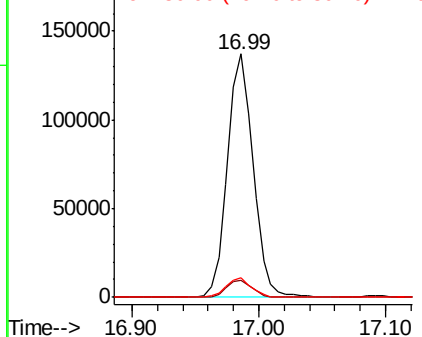
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 192673
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.9 6.9 10.3

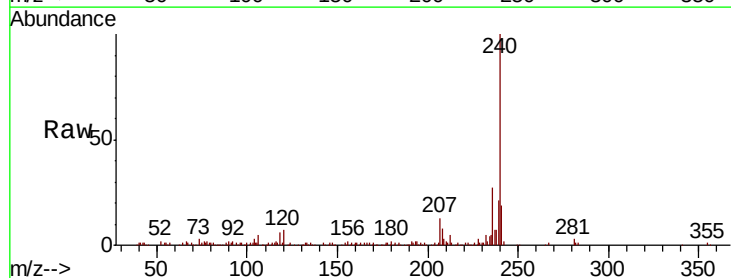


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

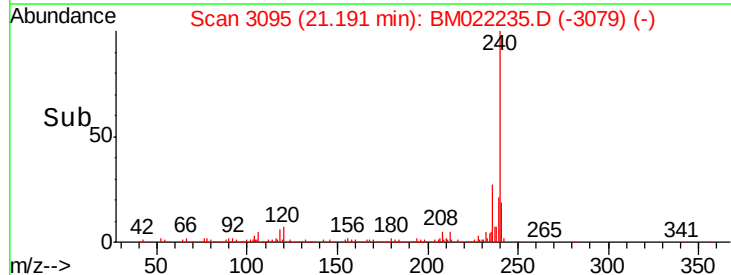
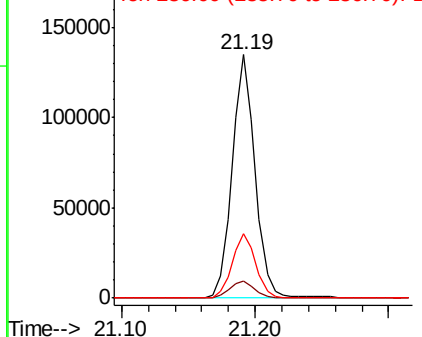


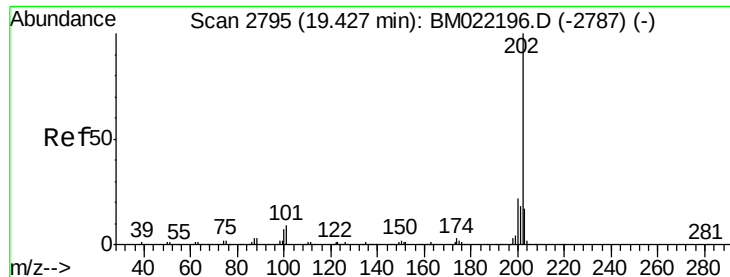
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

Tgt Ion:240 Resp: 162402
Ion Ratio Lower Upper
240 100
120 7.0 6.9 10.3
236 26.6 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

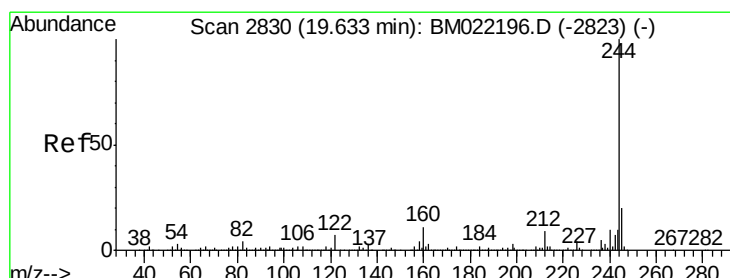
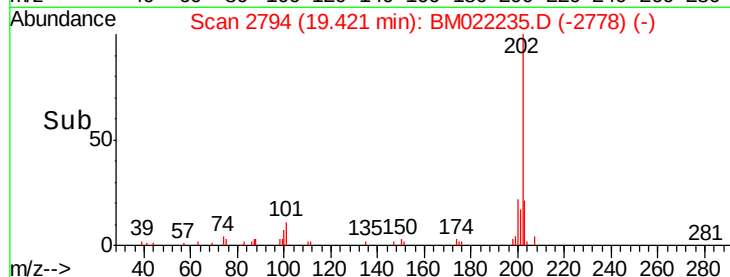
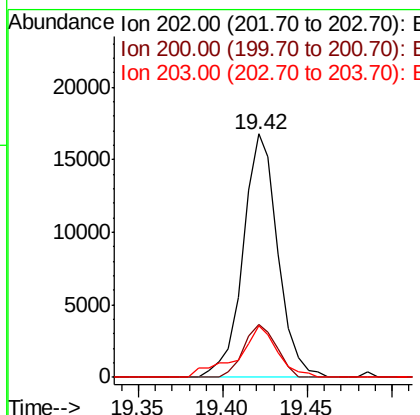
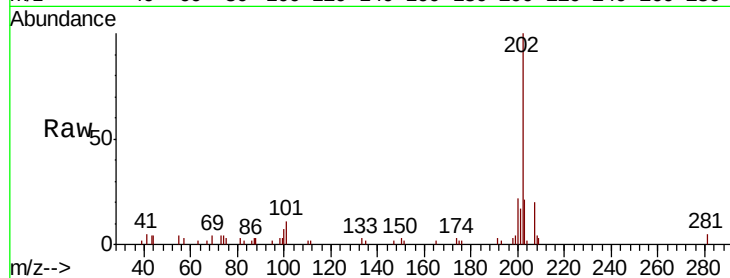




#78
Pvrene
Concen: 2.103 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

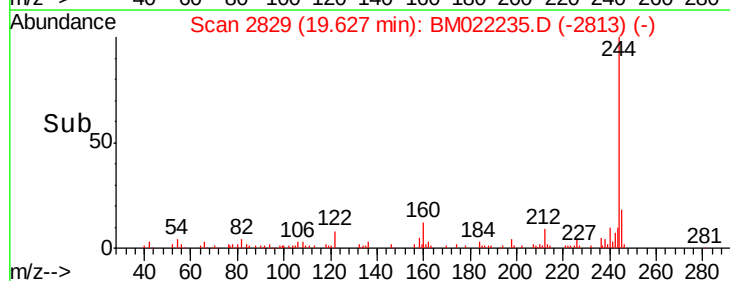
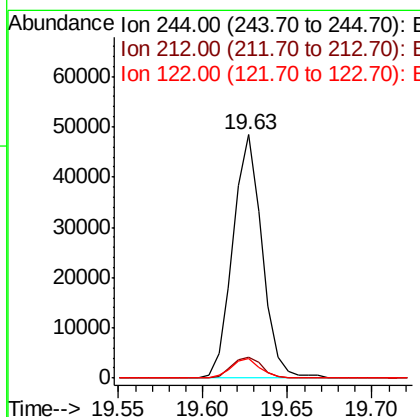
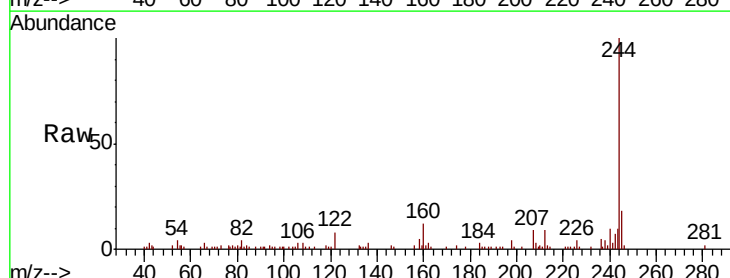
Instrument :
BNA_M
ClientSampleId :

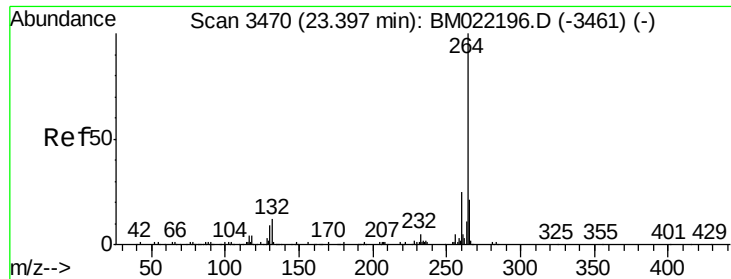
Tot Ion:202 Resp: 24041
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 21.0 14.0 21.0



#79
Terphenyl-d14
Concen: 5.212 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

Tgt Ion:244 Resp: 58092
Ion Ratio Lower Upper
244 100
212 8.6 5.3 7.9#
122 8.0 6.6 9.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM022235.D
Acq: 21 Aug 2019 18:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	264	Resp:	189379
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	22.3	17.7	26.5

