

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022455.D
 Acq On : 30 Aug 2019 23:47
 Operator : HP/JU
 Sample : K4583-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 31 01:11:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

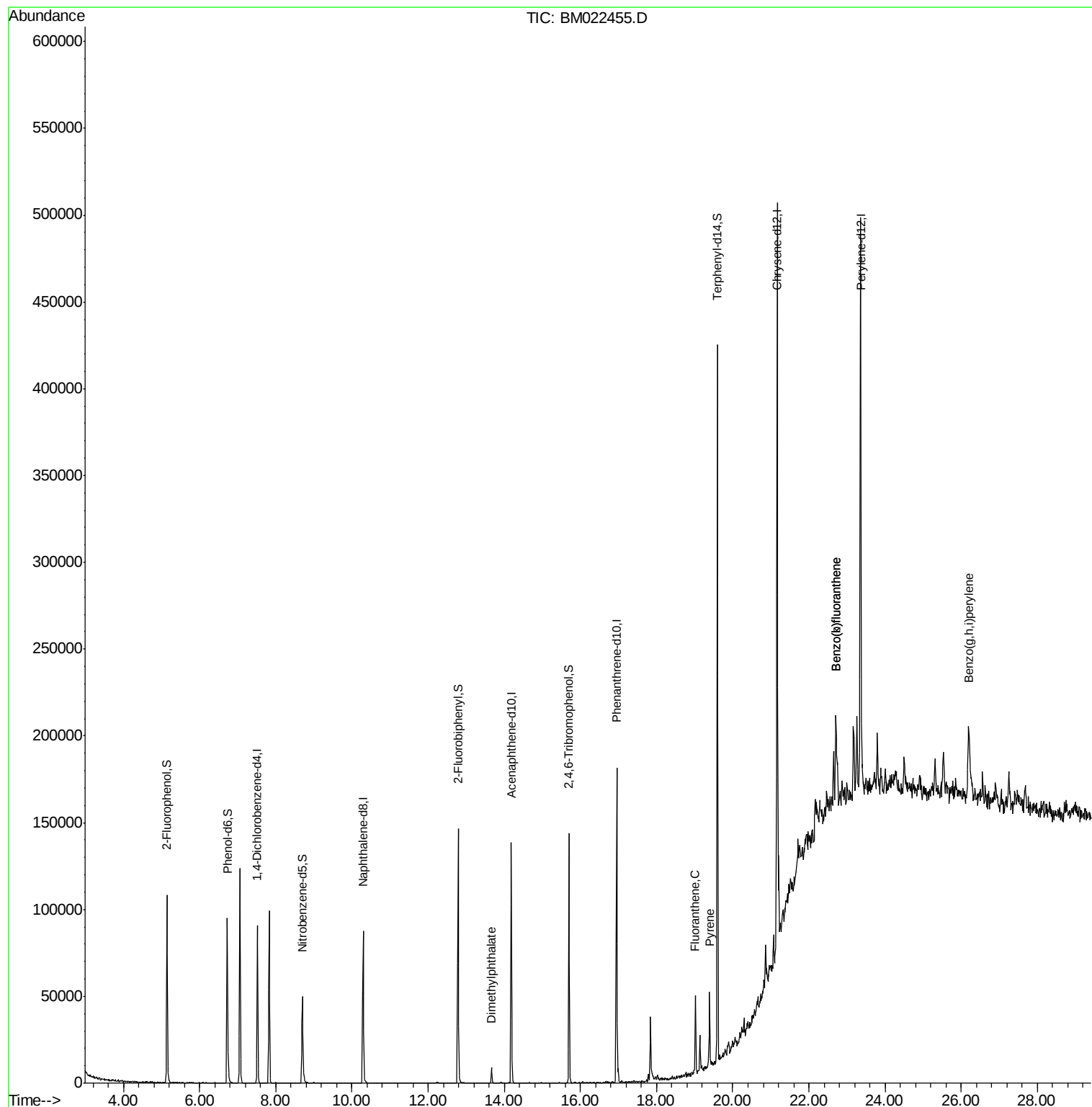
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19859	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	71325	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	44595	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	104016	20.00	ng	0.00
76) Chrysene-d12	21.17	240	164125	20.00	ng	0.00
87) Perylene-d12	23.36	264	213076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	40033	35.38	ng	0.00
7) Phenol-d6	6.72	99	50057	33.09	ng	0.00
23) Nitrobenzene-d5	8.70	82	34565	21.23	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	24445	26.79	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	73569	18.69	ng	0.00
79) Terphenyl-d14	19.60	244	176244	14.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	7891	2.034	ng	Qvalue # 91
75) Fluoranthene	19.02	202	26778	3.316	ng	98
78) Pyrene	19.39	202	25686	2.296	ng	97
88) Benzo(b)fluoranthene	22.71	252	35190	2.377	ng	# 97
89) Benzo(k)fluoranthene	22.71	252	35190	2.396	ng	# 98
92) Benzo(g,h,i)perylene	26.21	276	22964	2.011	ng	# 87

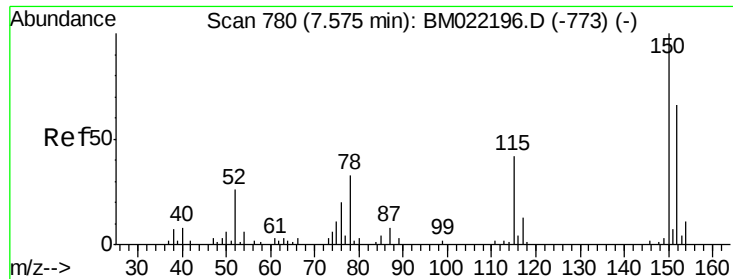
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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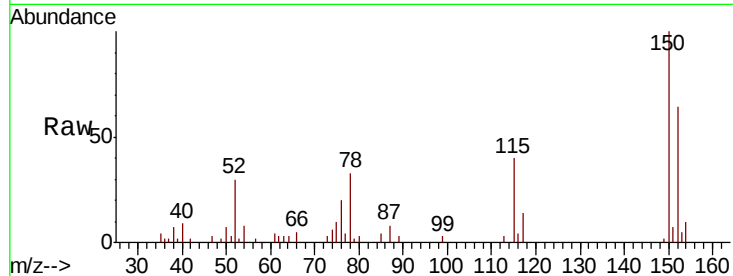


#1

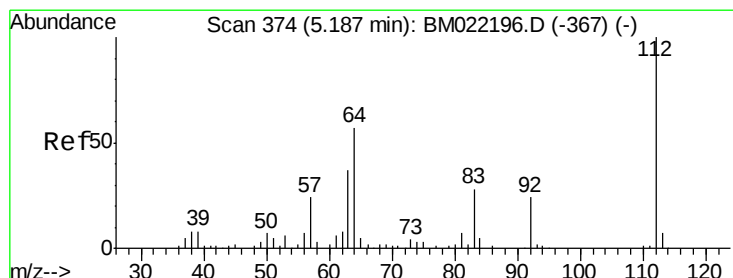
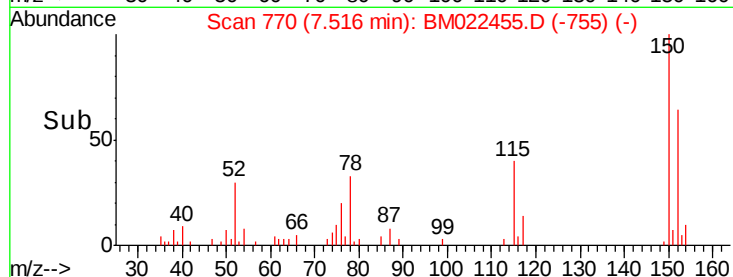
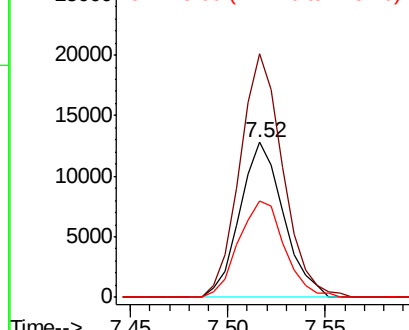
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022455.D
Acq: 30 Aug 2019 23:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 19859
Ion Ratio Lower Upper
152 100
150 157.4 125.4 188.0
115 62.4 50.3 75.5



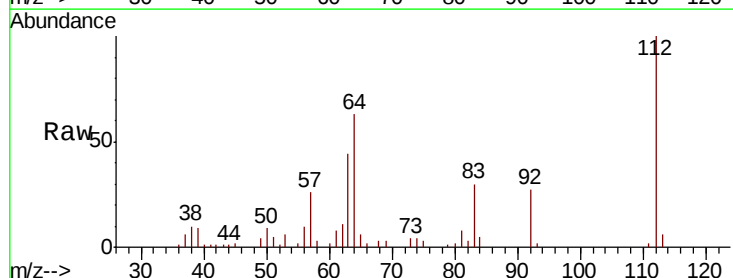
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



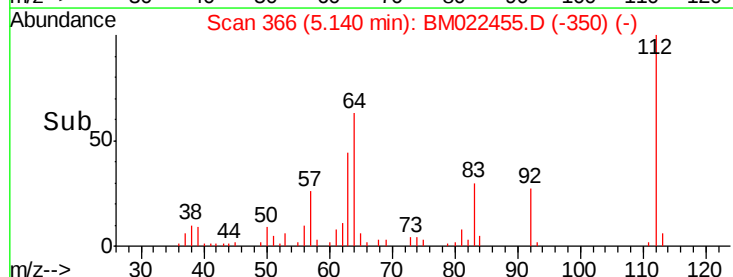
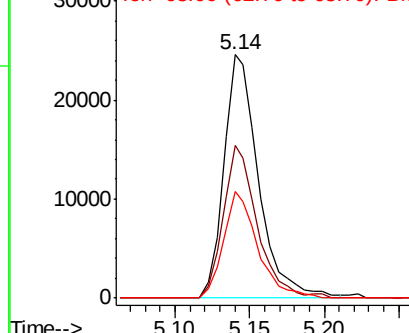
#5

2-Fluorophenol
Concen: 35.385 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022455.D
Acq: 30 Aug 2019 23:47

Tgt Ion:112 Resp: 40033
Ion Ratio Lower Upper
112 100
64 62.6 45.4 68.2
63 43.8 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: 33.086 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

Instrument :

BNA_M

ClientSampleId :

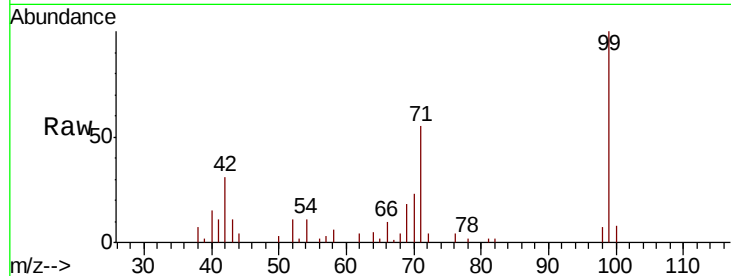
Tot Ion: 99 Resp: 50057

Ion Ratio Lower Upper

99 100

42 30.9 26.3 39.5

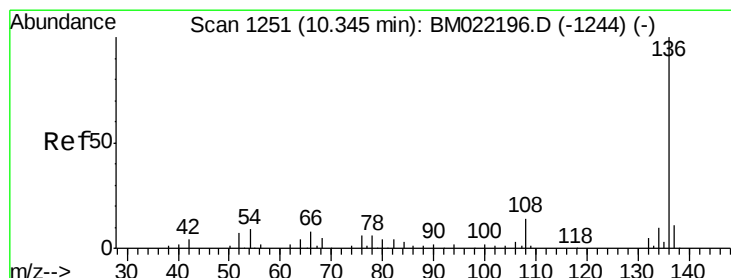
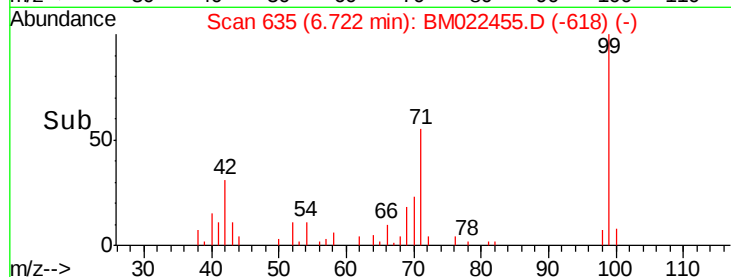
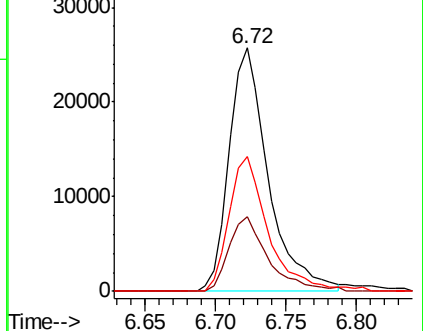
71 55.2 46.6 69.8



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# 1242

Delta R.T. -0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

Tgt Ion: 136 Resp: 71325

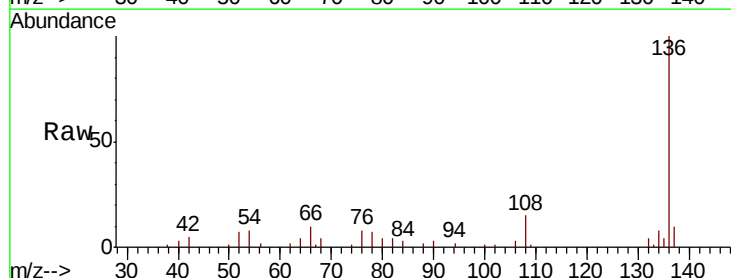
Ion Ratio Lower Upper

136 100

137 9.7 8.6 13.0

54 8.3 7.0 10.6

68 4.1 2.9 4.3

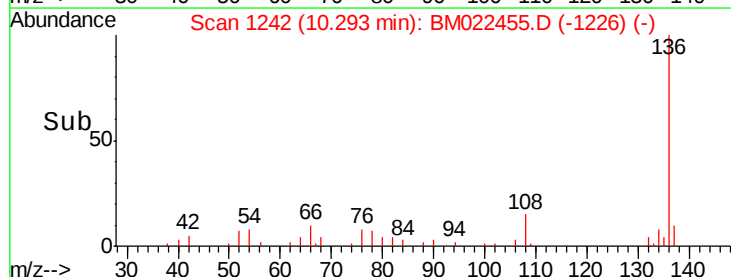
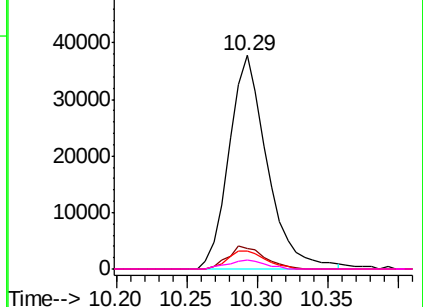


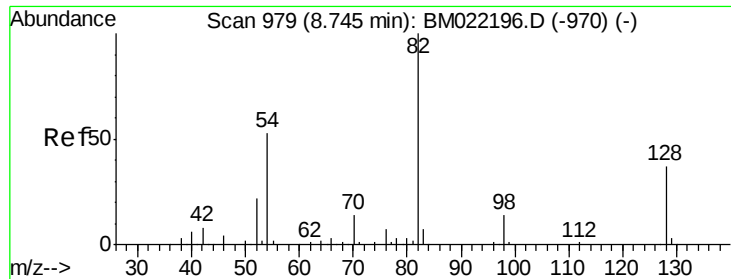
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

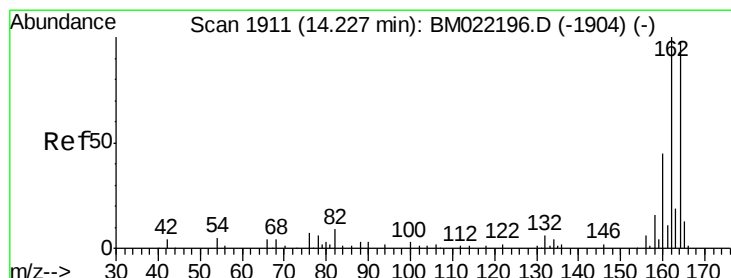
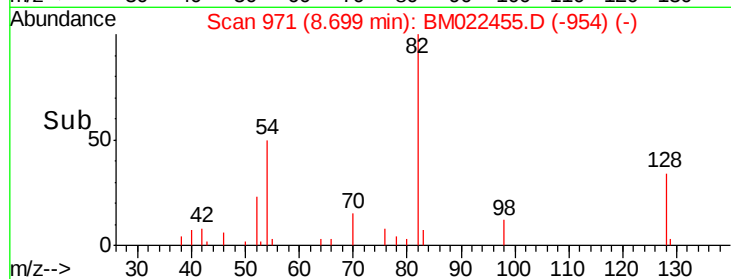
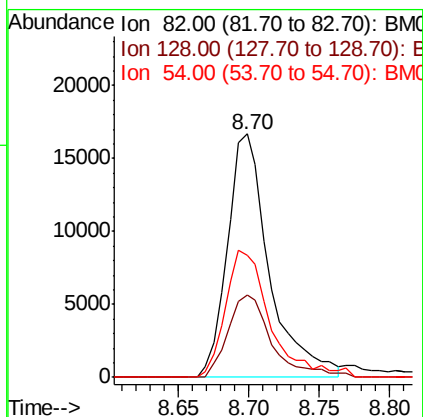
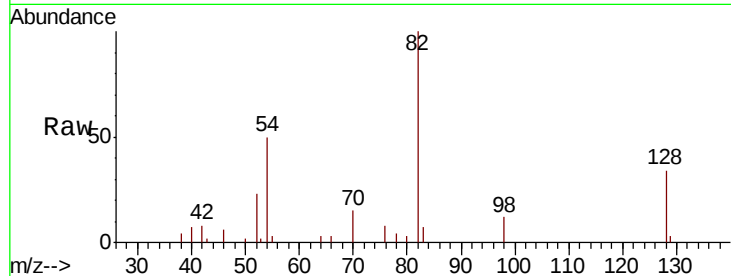




#23
 Nitrobenzene-d5
 Concen: 21.226 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM022455.D
 Acq: 30 Aug 2019 23:47

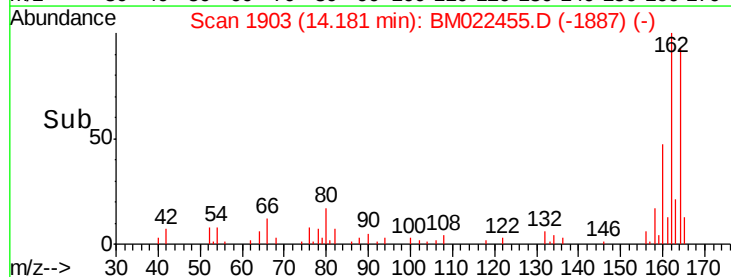
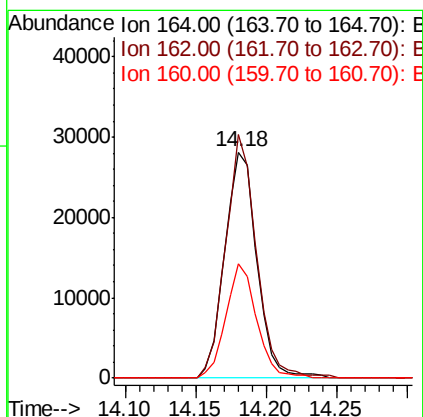
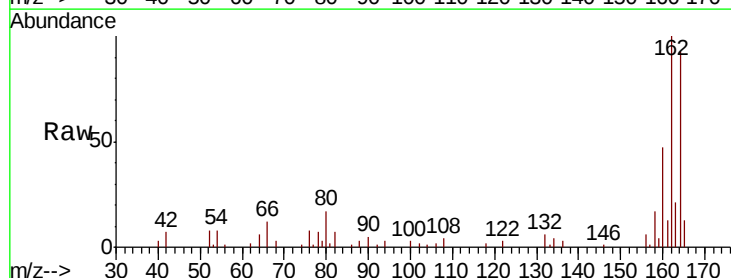
Instrument :
 BNA_M
 ClientSampled :

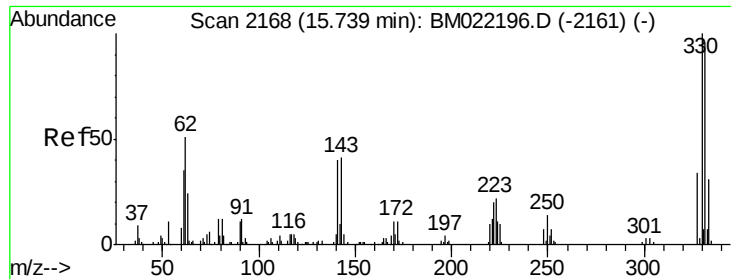
Tot Ion	82	Resp	34565
Ion Ratio	100	Lower	Upper
128	34.1	27.9	41.9
54	50.2	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022455.D
 Acq: 30 Aug 2019 23:47

Tgt Ion	164	Resp	44595
Ion Ratio	100	Lower	Upper
162	107.6	80.6	121.0
160	50.8	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 26.788 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

Instrument :

BNA_M

ClientSampleId :

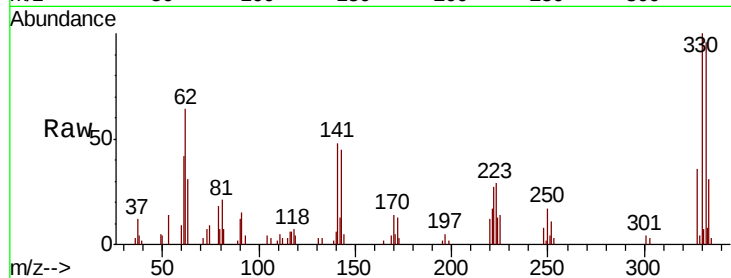
Tot Ion:330 Resp: 24445

Ion Ratio Lower Upper

330 100

332 93.6 77.8 116.8

141 47.7 35.6 53.4

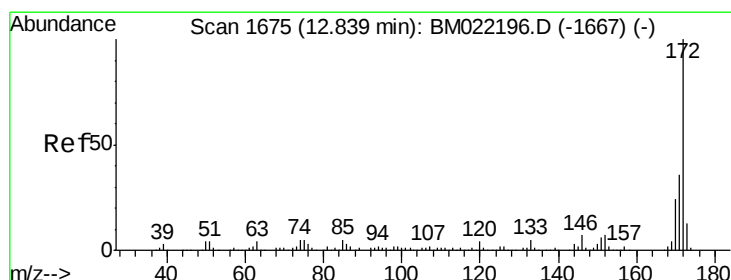
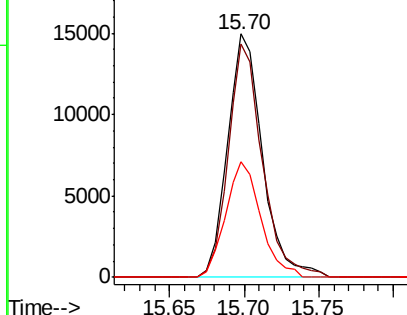
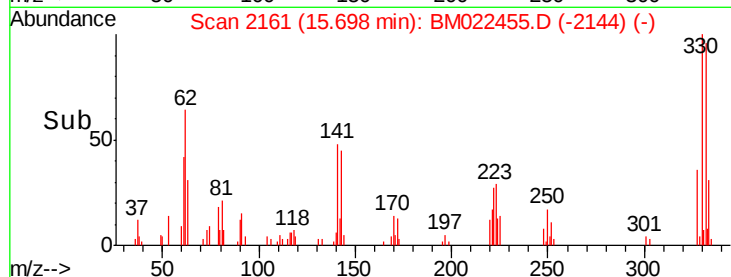


Abundance

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: 18.689 ng

RT: 12.79 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

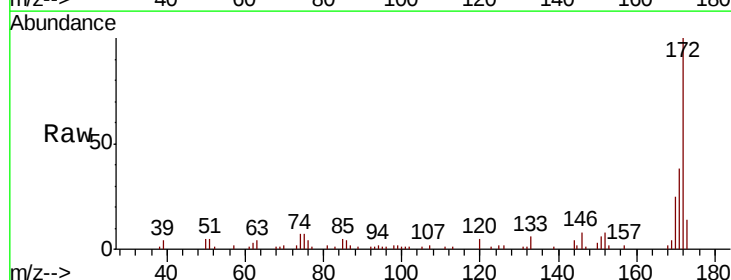
Tgt Ion:172 Resp: 73569

Ion Ratio Lower Upper

172 100

171 37.7 28.5 42.7

170 25.5 18.9 28.3

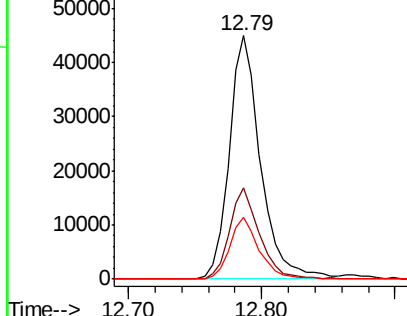
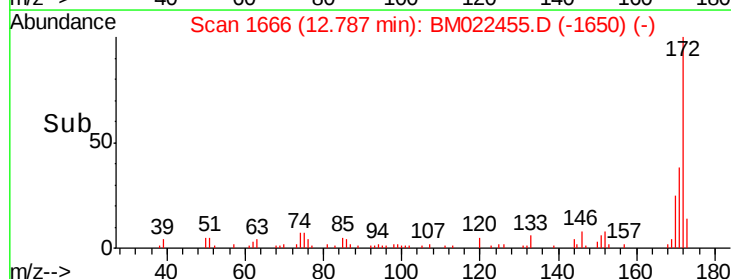


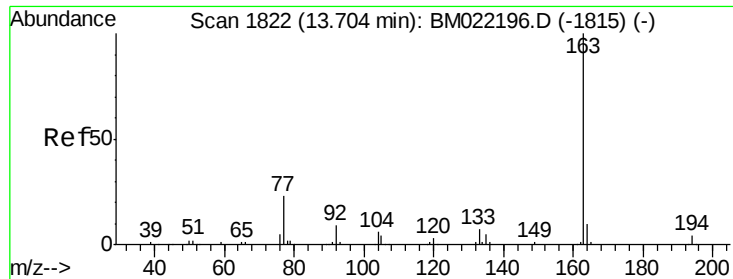
Abundance

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





#50

Dimethylphthalate

Concen: 2.034 ng

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

Instrument :

BNA_M

ClientSampleId :

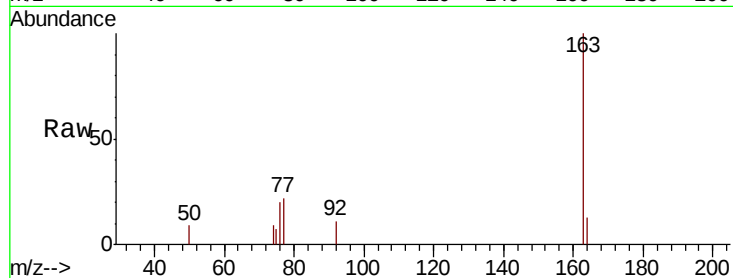
Tot Ion:163 Resp: 7891

Ion Ratio Lower Upper

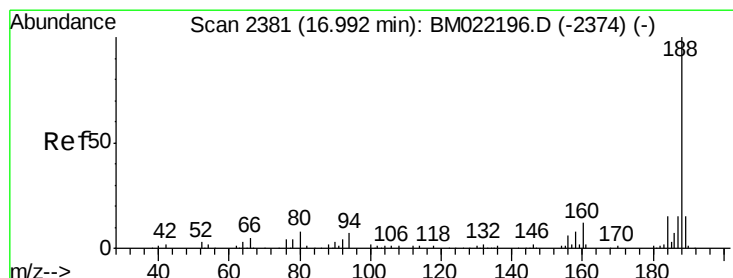
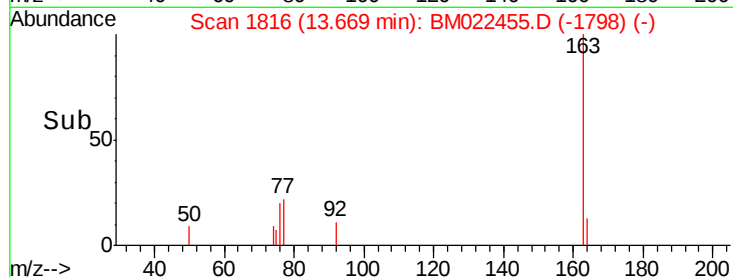
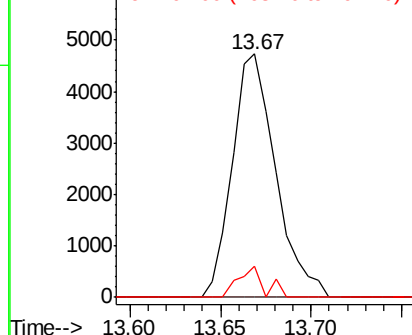
163 100

194 0.0 3.4 5.2#

164 12.8 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: 16.95 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

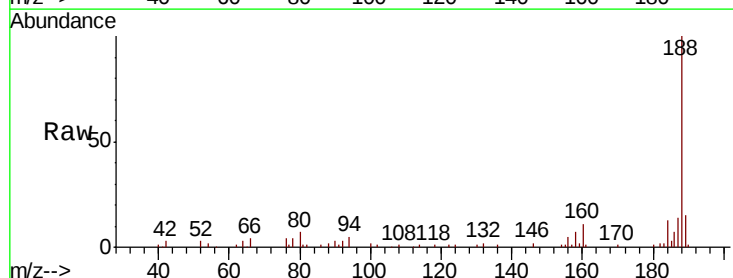
Tgt Ion:188 Resp: 104016

Ion Ratio Lower Upper

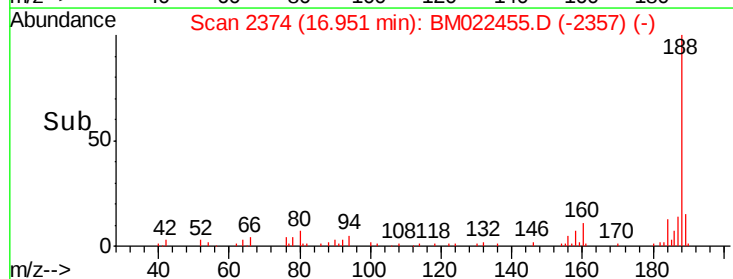
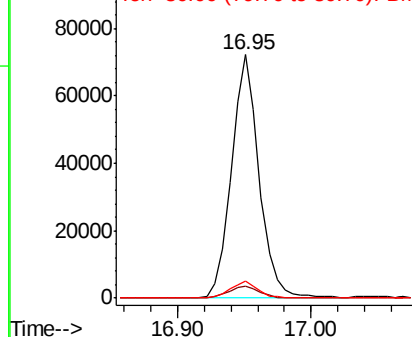
188 100

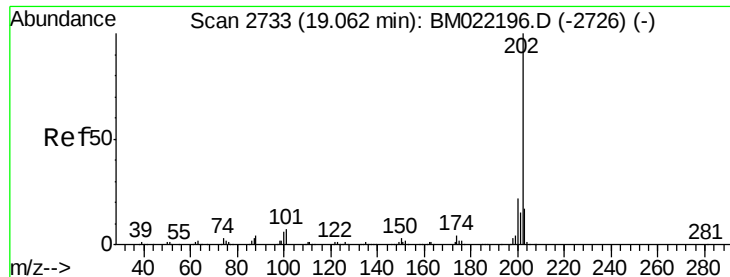
94 5.1 4.4 6.6

80 7.0 5.0 7.6



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





#75

Fluoranthene

Concen: 3.316 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

Instrument :

BNA_M

ClientSampleId :

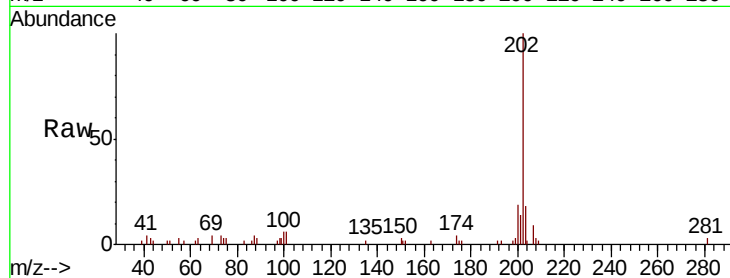
Tot Ion:202 Resp: 26778

Ion Ratio Lower Upper

202 100

101 5.8 0.0 25.1

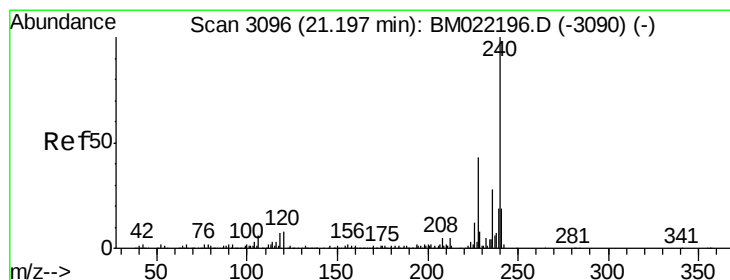
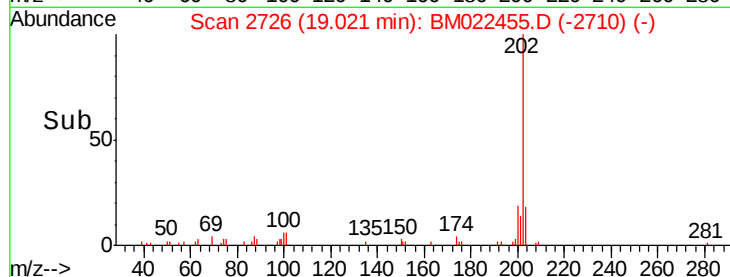
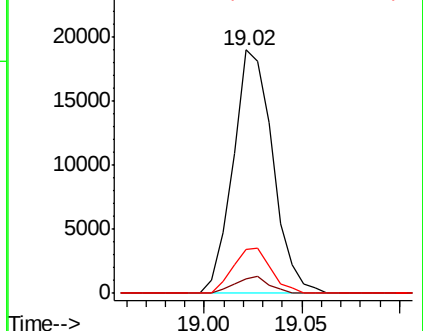
203 18.1 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

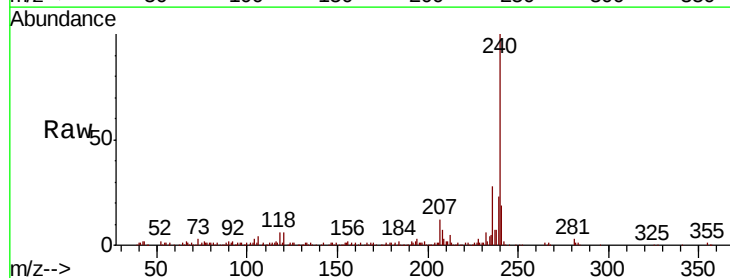
Tgt Ion:240 Resp: 164125

Ion Ratio Lower Upper

240 100

120 5.7 3.9 5.9

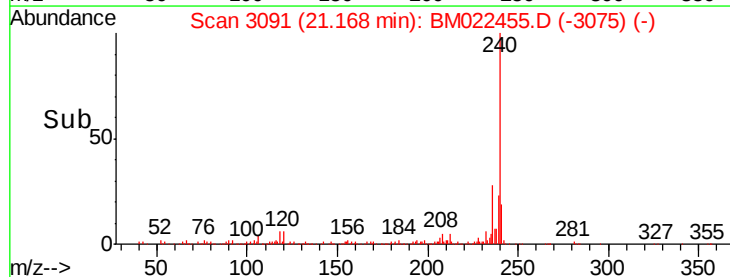
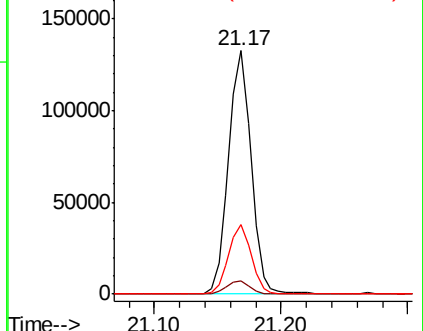
236 28.3 21.4 32.2

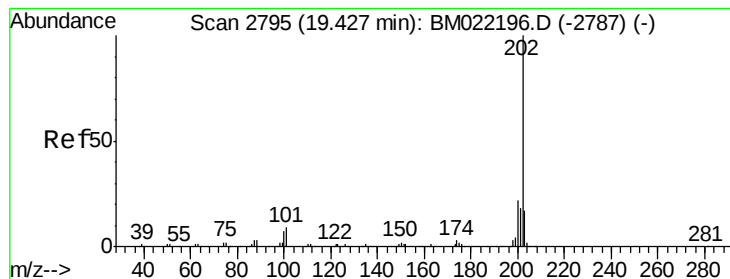


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.296 ng

RT: 19.39 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

Instrument :

BNA_M

ClientSampleId :

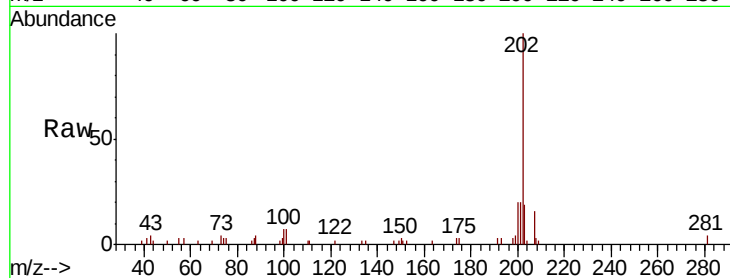
Tot Ion:202 Resp: 25686

Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

203 18.8 13.8 20.8

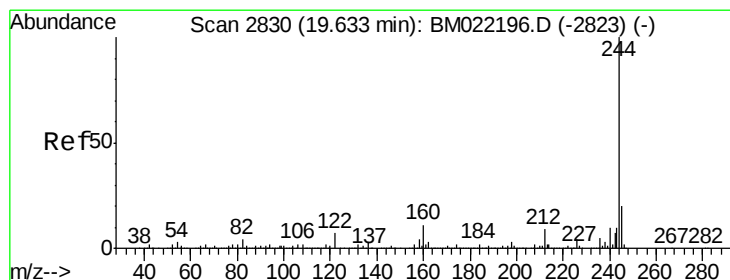
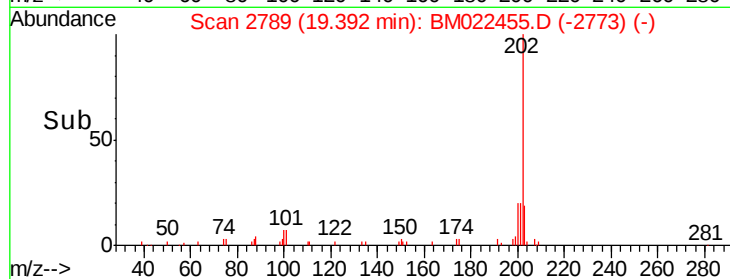
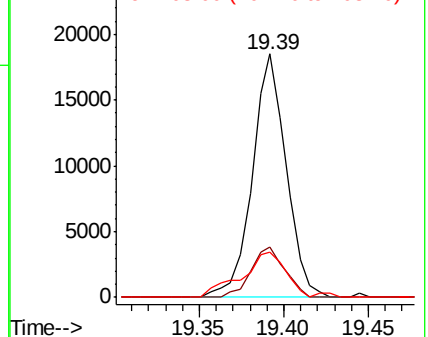


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 14.172 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

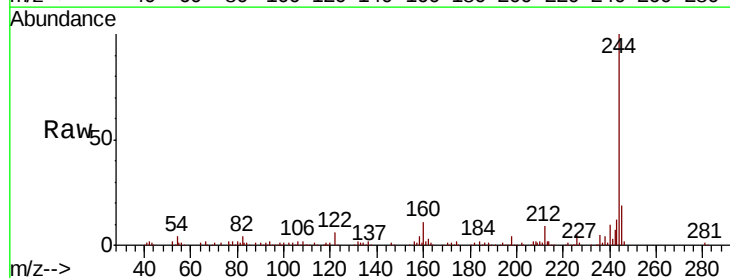
Tgt Ion:244 Resp: 176244

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

122 6.0 3.9 5.9#

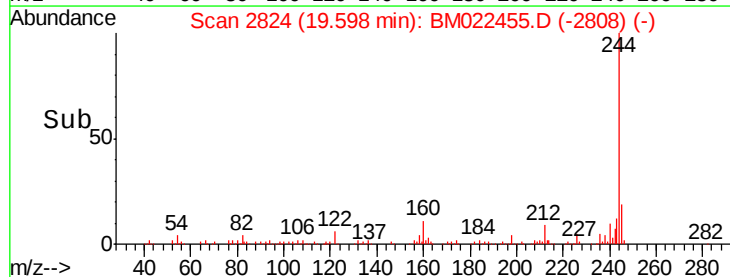
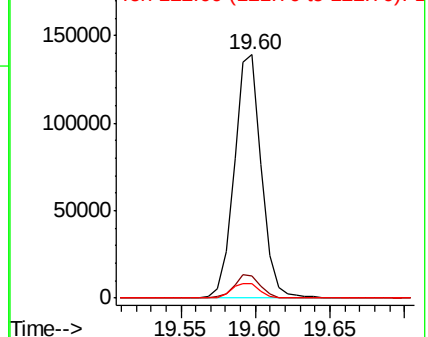


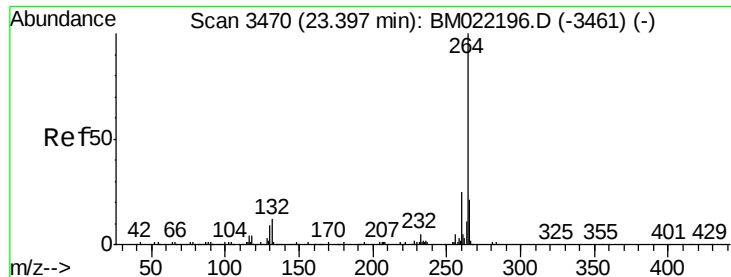
Abundance

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

Instrument :

BNA_M

ClientSampleId :

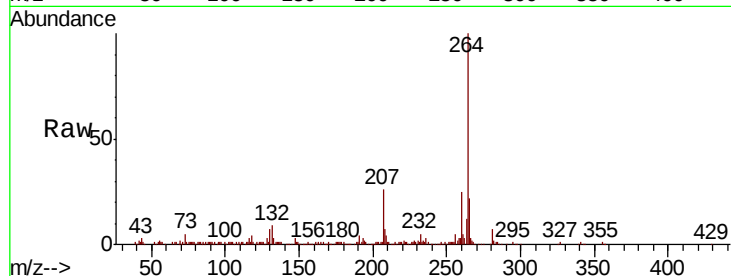
Tot Ion:264 Resp: 213076

Ion Ratio Lower Upper

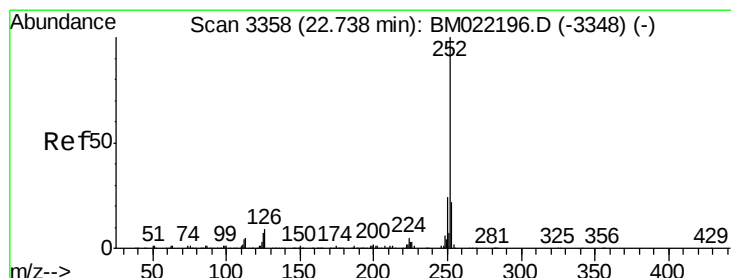
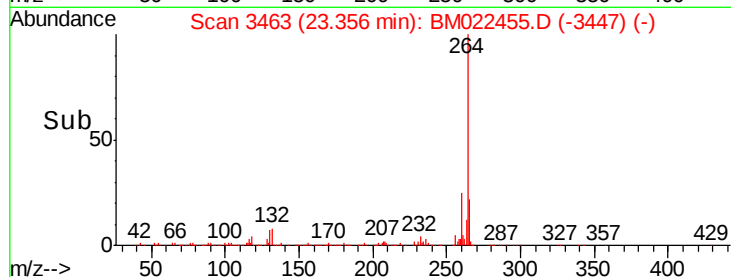
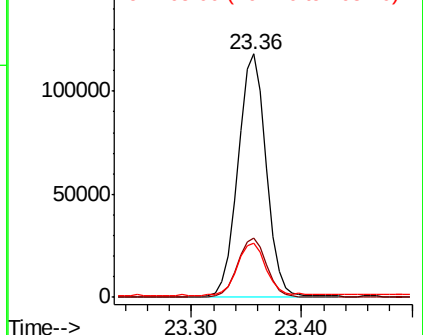
264 100

260 24.6 20.2 30.2

265 22.4 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



#88

Benzo(b)fluoranthene

Concen: 2.377 ng

RT: 22.71 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM022455.D

Acq: 30 Aug 2019 23:47

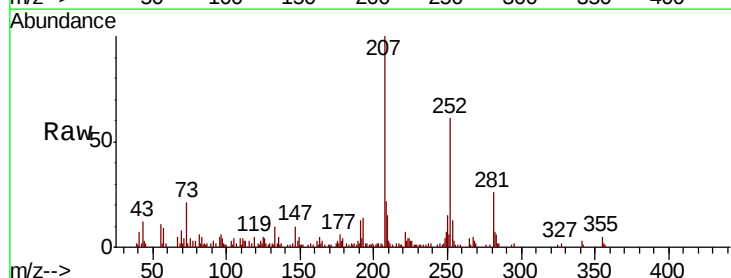
Tgt Ion:252 Resp: 35190

Ion Ratio Lower Upper

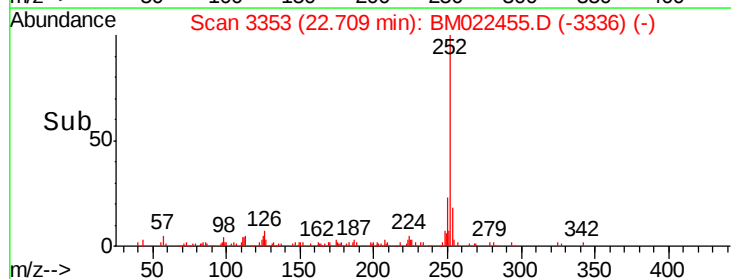
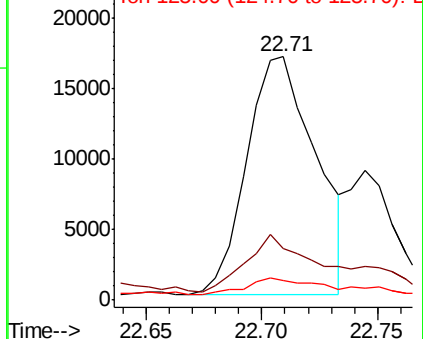
252 100

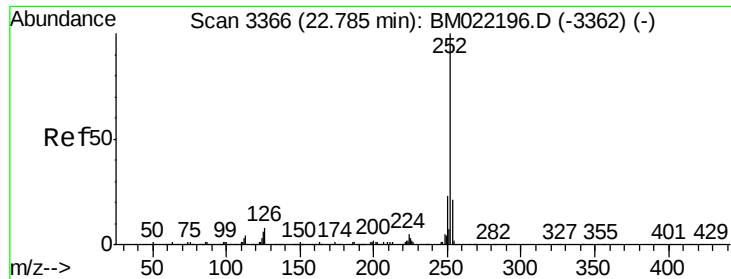
253 21.4 17.9 26.9

125 7.9 3.5 5.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

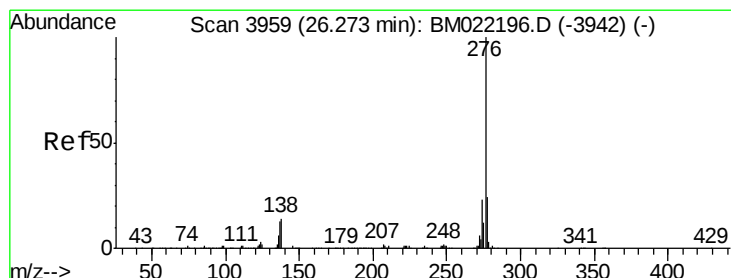
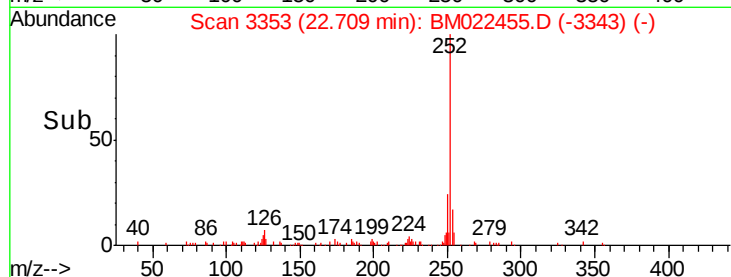
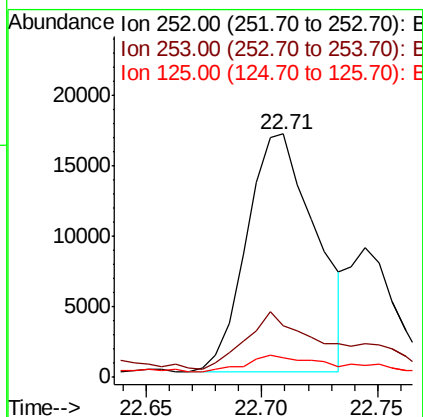
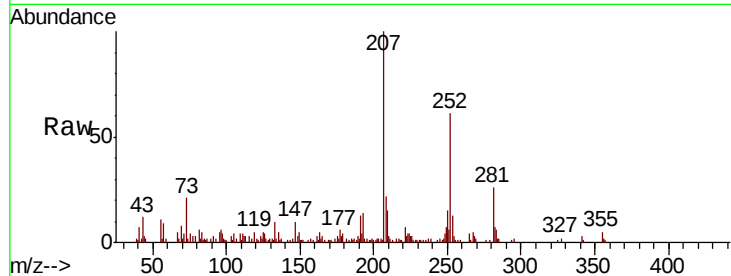




#89
Benzo(k)fluoranthene
Concen: 2.396 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BM022455.D
Acq: 30 Aug 2019 23:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 35190
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 7.9 3.7 5.5#



#92
Benzo(g,h,i)perylene
Concen: 2.011 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.01 min
Lab File: BM022455.D
Acq: 30 Aug 2019 23:47

Tgt Ion:276 Resp: 22964
Ion Ratio Lower Upper
276 100
277 30.0 19.4 29.0#
138 17.7 8.8 13.2#

