

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022441.D
 Acq On : 30 Aug 2019 14:35
 Operator : HP/JU
 Sample : K4574-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 30 15:24:11 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

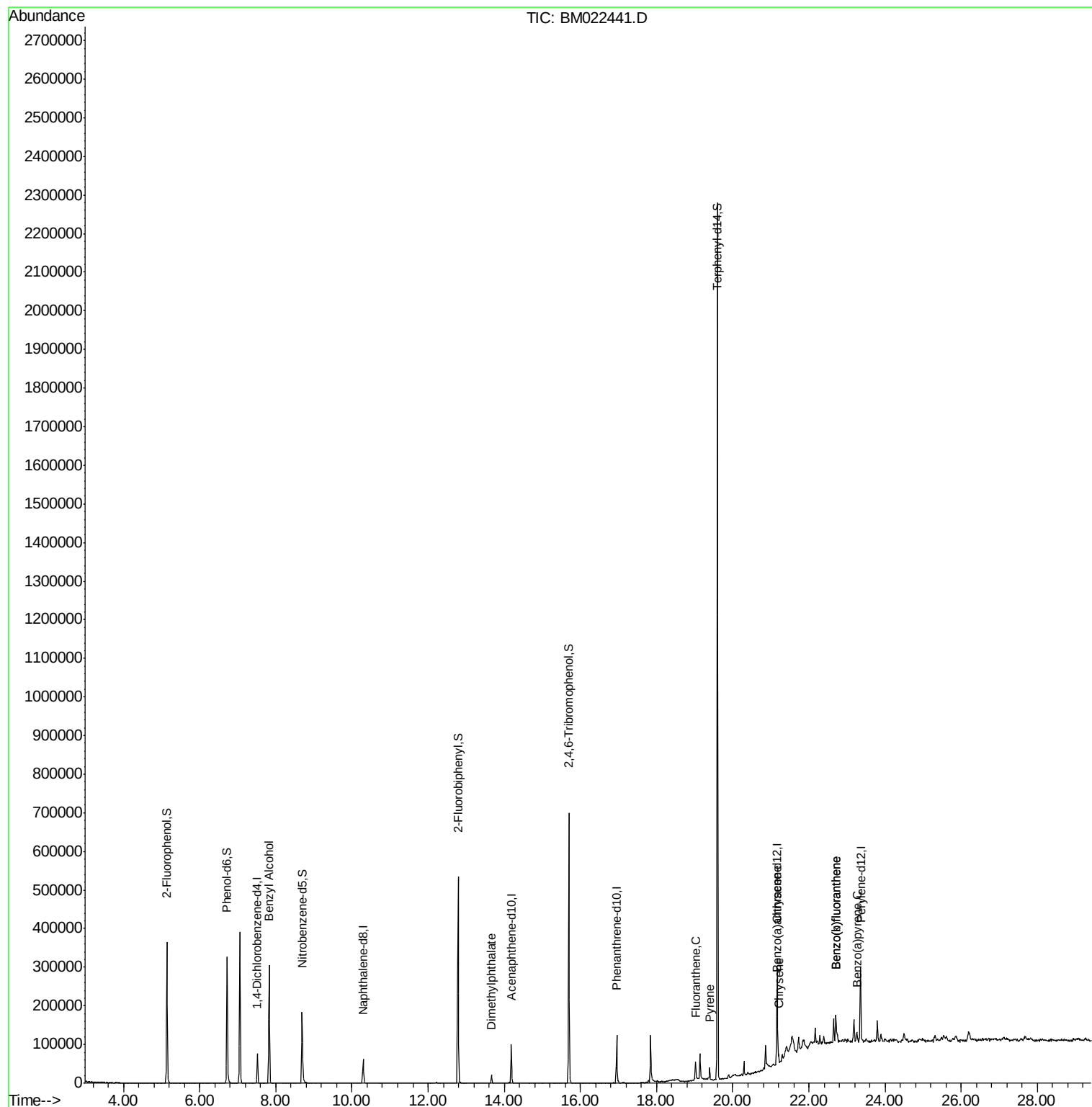
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16678	20.00	ng	-0.01
21) Naphthalene-d8	10.30	136	53109	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	32134	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	72475	20.00	ng	0.00
76) Chrysene-d12	21.17	240	99489	20.00	ng	0.00
87) Perylene-d12	23.36	264	131282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	122441	128.87	ng	0.00
7) Phenol-d6	6.72	99	152014	119.64	ng	0.00
23) Nitrobenzene-d5	8.69	82	105746	87.21	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	114934	174.79	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	251903	88.81	ng	0.00
79) Terphenyl-d14	19.60	244	865282	114.78	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.83	79	2507	2.080	ng	Qvalue # 22
50) Dimethylphthalate	13.66	163	16035	5.737	ng	98
75) Fluoranthene	19.03	202	22406	3.983	ng	96
78) Pyrene	19.39	202	20517	3.026	ng	96
81) Benzo(a)anthracene	21.15	228	16421	2.300	ng	96
83) Chrysene	21.21	228	15508	2.282	ng	97
88) Benzo(b)fluoranthene	22.71	252	25125	2.755	ng	# 84
89) Benzo(k)fluoranthene	22.71	252	25125	2.777	ng	# 82
90) Benzo(a)pyrene	23.26	252	18235	2.253	ng	# 90

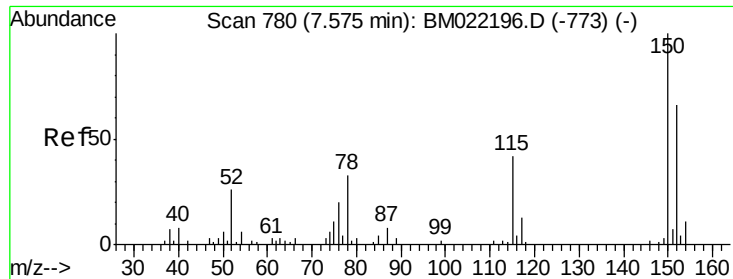
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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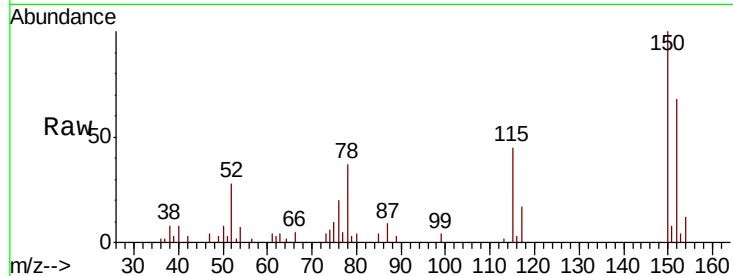


#1

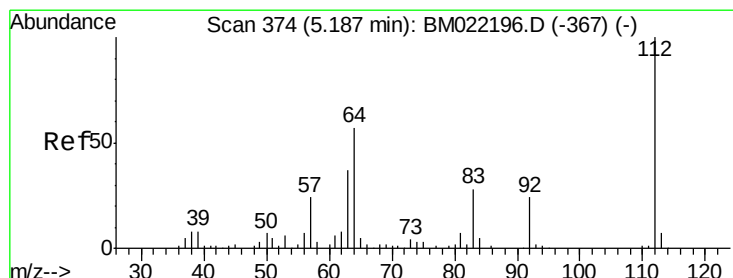
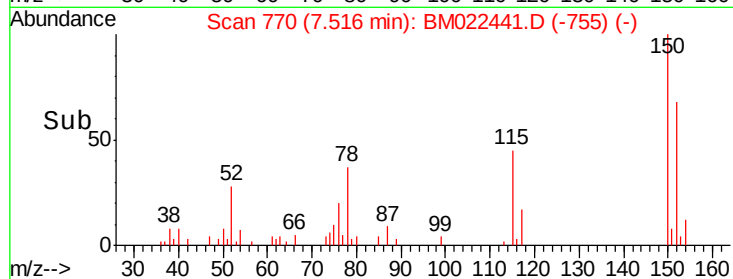
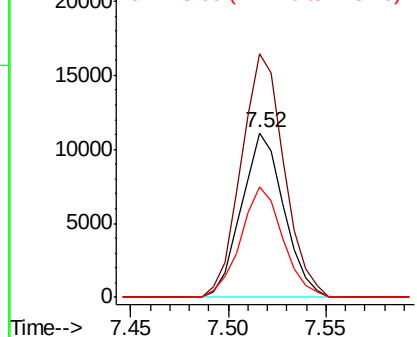
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 16678
Ion Ratio Lower Upper
152 100
150 147.9 125.4 188.0
115 67.3 50.3 75.5



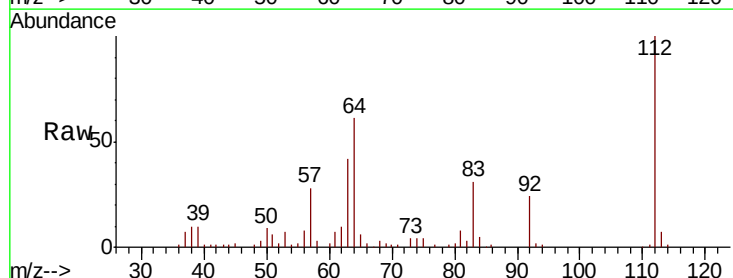
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



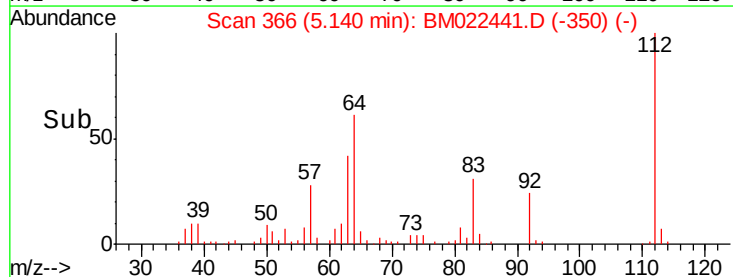
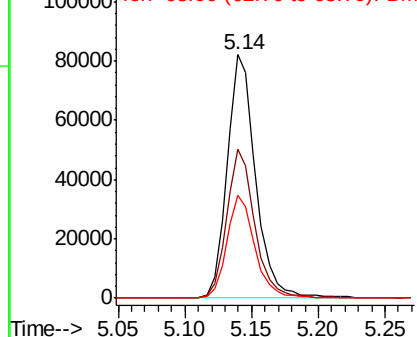
#5

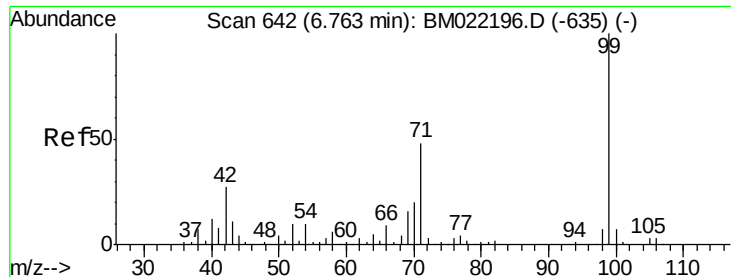
2-Fluorophenol
Concen: 128.867 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:112 Resp: 122441
Ion Ratio Lower Upper
112 100
64 60.9 45.4 68.2
63 42.4 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: 119.641 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022441.D

Acq: 30 Aug 2019 14:35

Instrument :

BNA_M

ClientSampled :

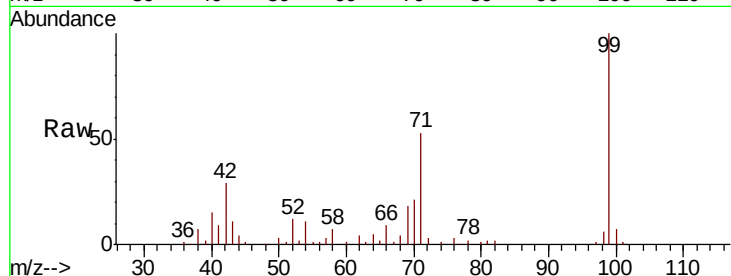
Tot Ion: 99 Resp: 152014

Ion Ratio Lower Upper

99 100

42 28.8 26.3 39.5

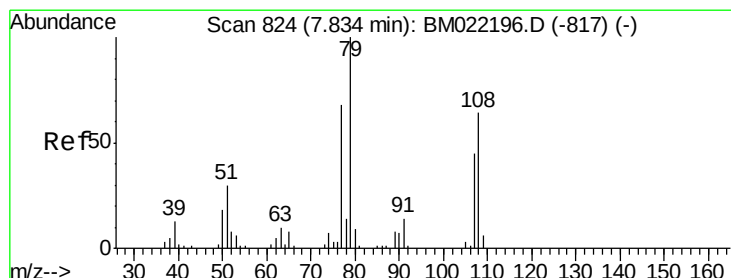
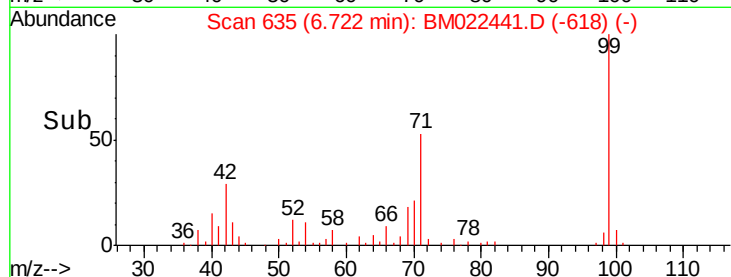
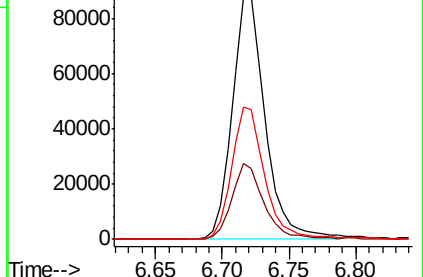
71 53.2 46.6 69.8



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) (-)



#15

Benzyl Alcohol

Concen: 2.080 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.03 min

Lab File: BM022441.D

Acq: 30 Aug 2019 14:35

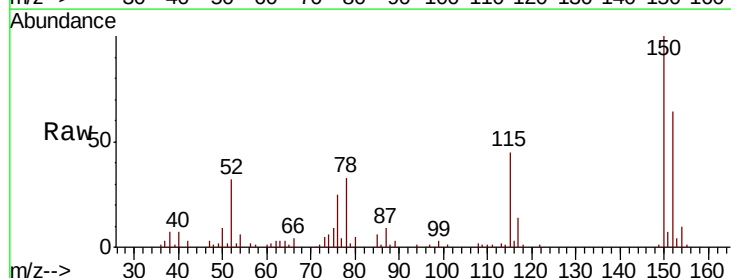
Tgt Ion: 79 Resp: 2507

Ion Ratio Lower Upper

79 100

108 79.9 48.2 72.4#

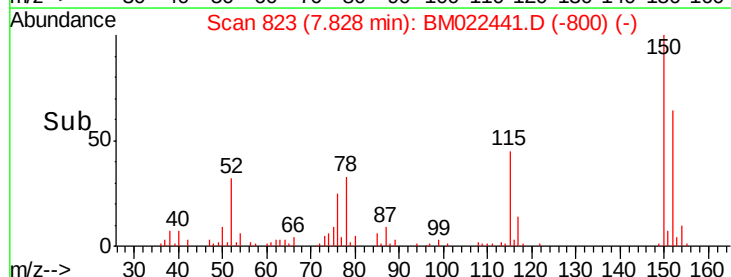
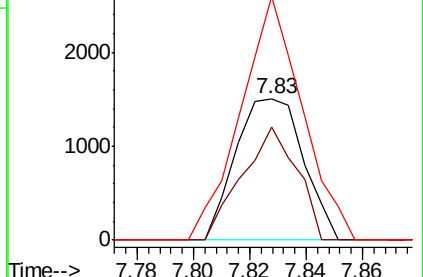
77 172.4 56.6 85.0#

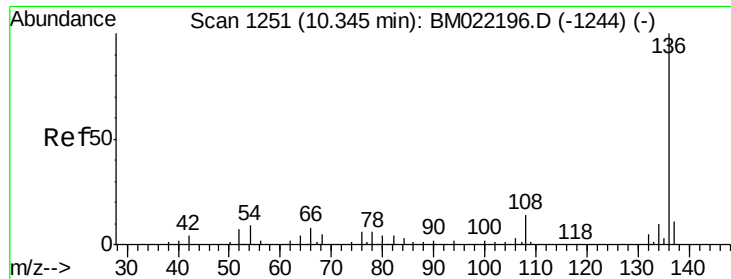


Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM022196.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM022196.D (-817) (-)

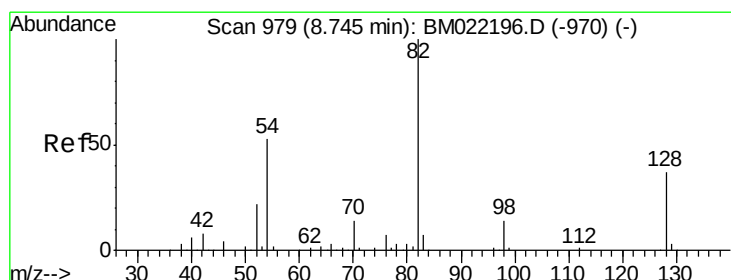
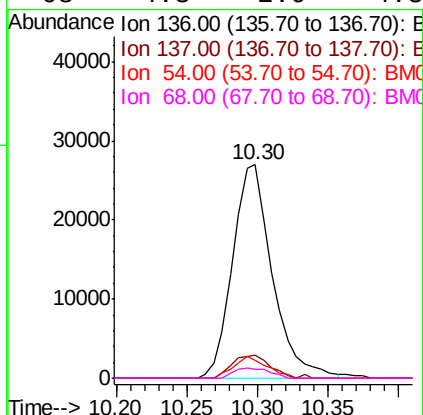
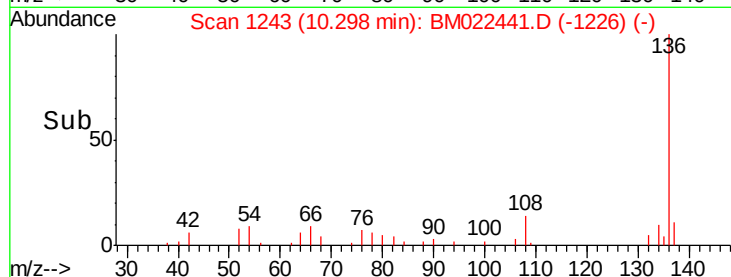
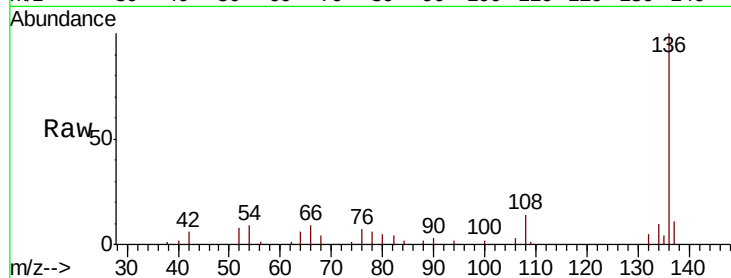




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

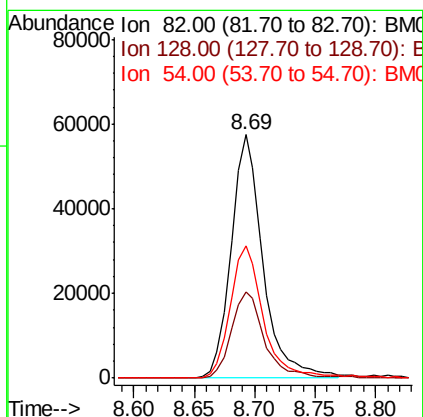
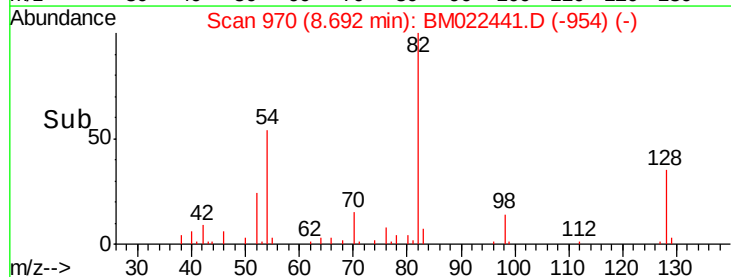
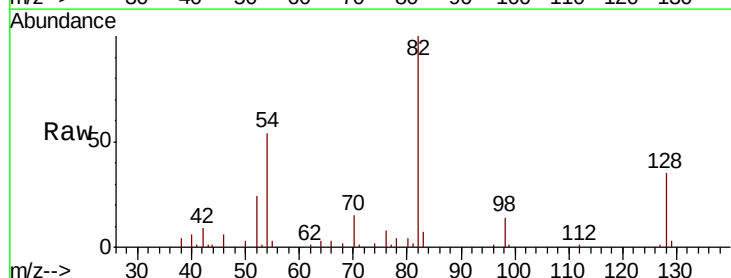
Instrument :
BNA_M
ClientSampleId :

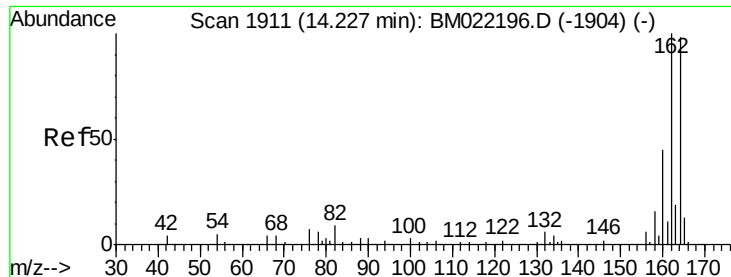
Tot Ion:136	Resp:	53109
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	8.6	7.0 10.6
68	4.3	2.9 4.3#



#23
Nitrobenzene-d5
Concen: 87.212 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion: 82	Resp:	105746
Ion	Ratio	Lower Upper
82	100	
128	35.5	27.9 41.9
54	54.5	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: BM022441.D

Acq: 30 Aug 2019 14:35

Instrument :

BNA_M

ClientSampleId :

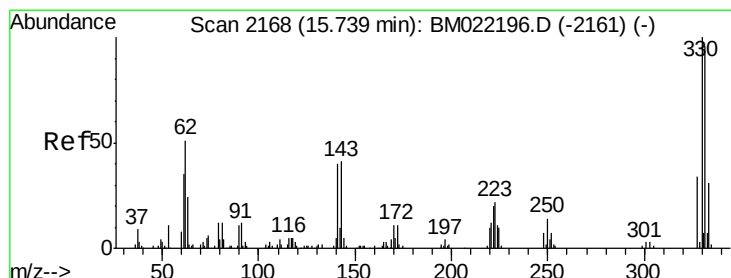
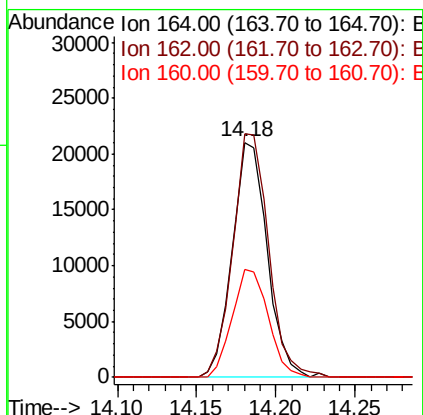
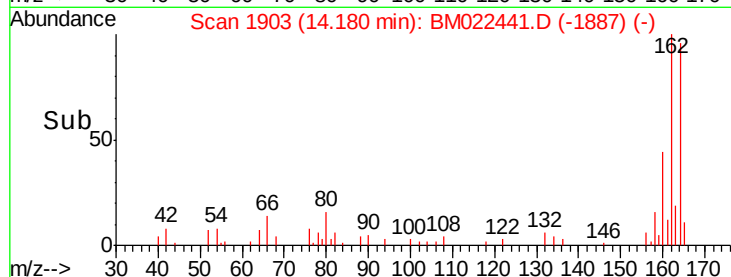
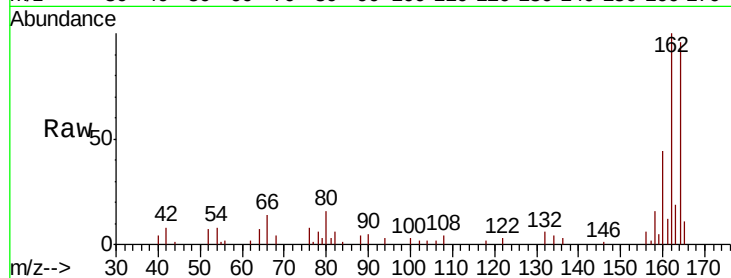
Tot Ion:164 Resp: 32134

Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 45.8 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 174.791 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022441.D

Acq: 30 Aug 2019 14:35

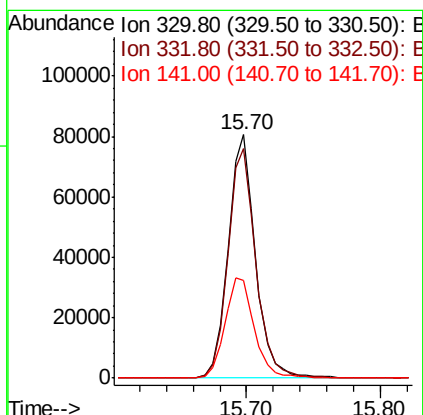
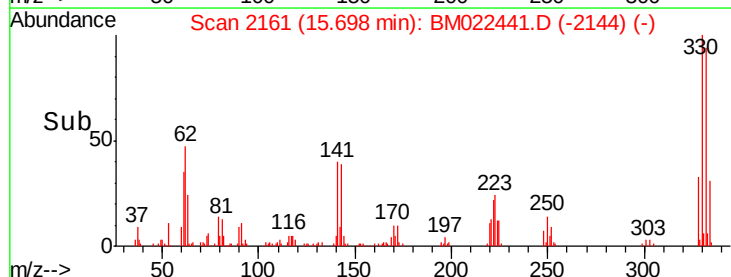
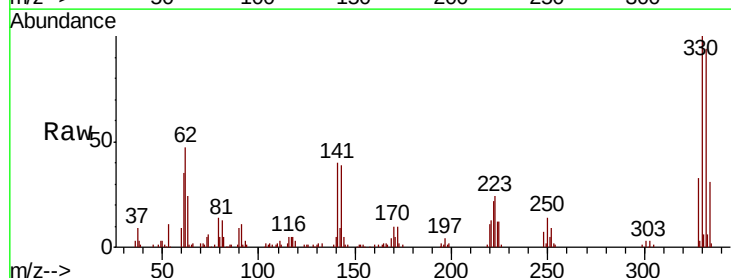
Tgt Ion:330 Resp: 114934

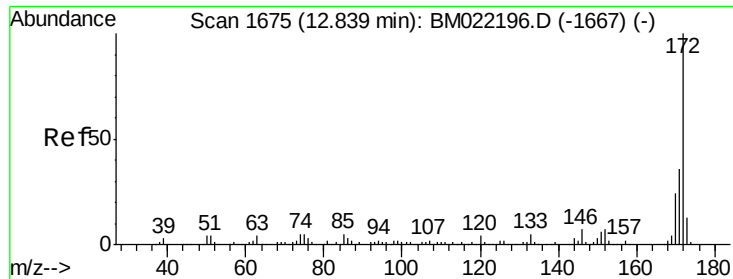
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 44.2 35.6 53.4

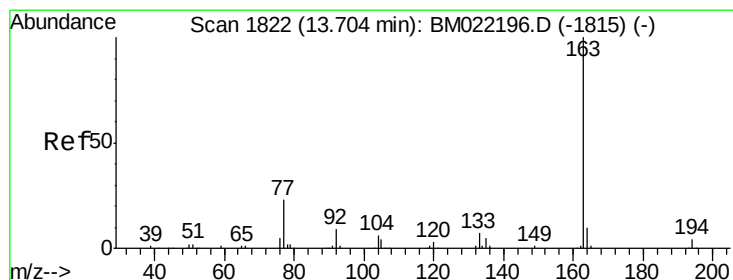
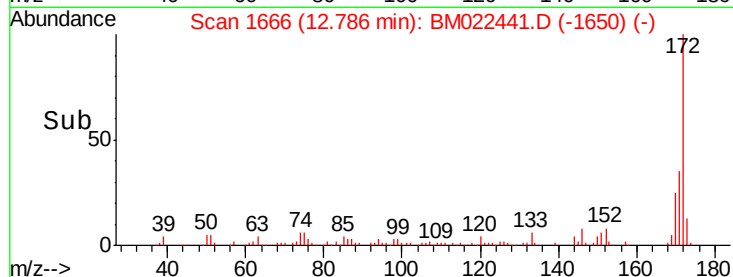
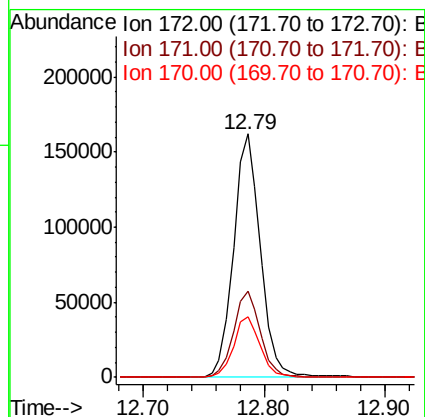
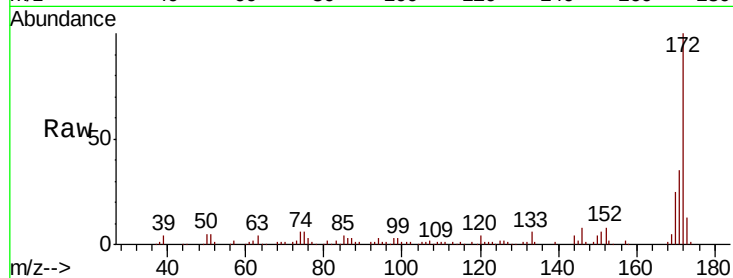




#45
2-Fluorobiphenyl
Concen: 88.805 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

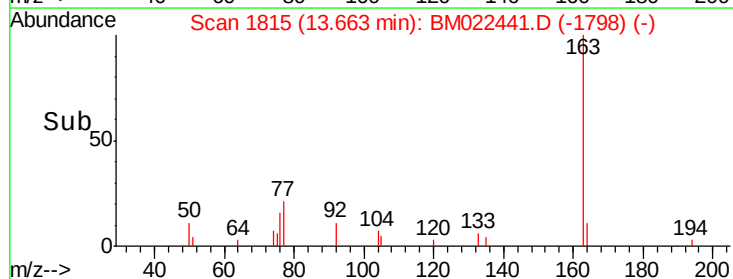
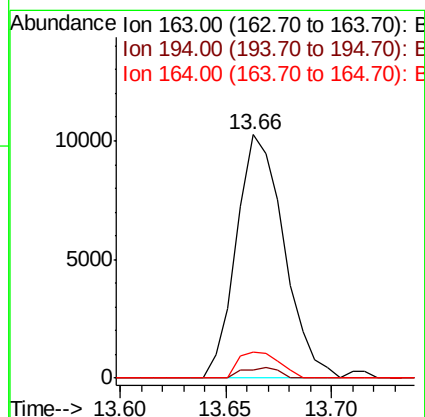
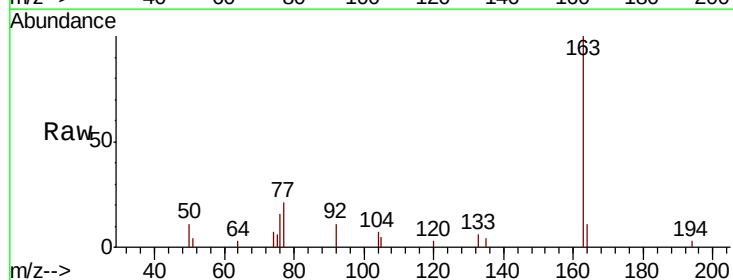
Instrument :
BNA_M
ClientSampleId :

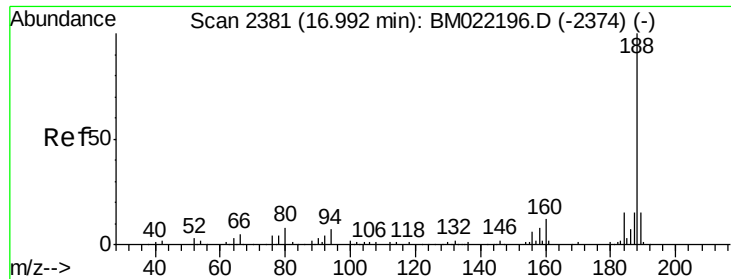
Tot Ion:172 Resp: 251903
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.9 18.9 28.3



#50
Dimethylphthalate
Concen: 5.737 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:163 Resp: 16035
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 10.9 8.2 12.2

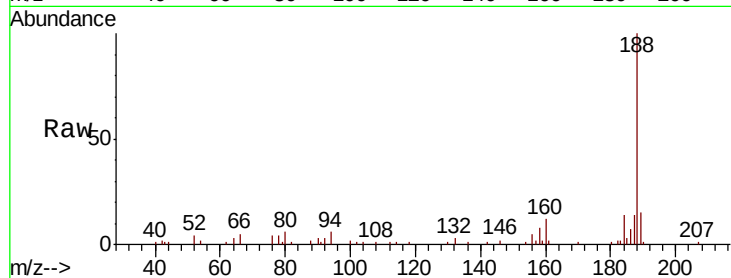




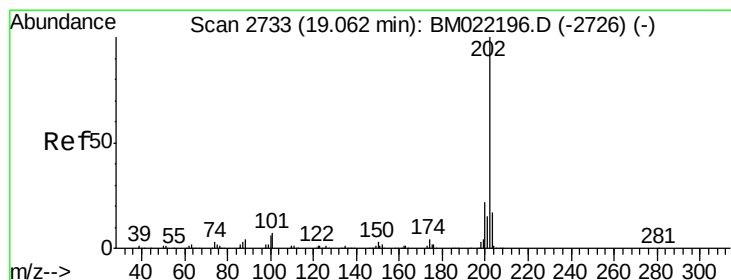
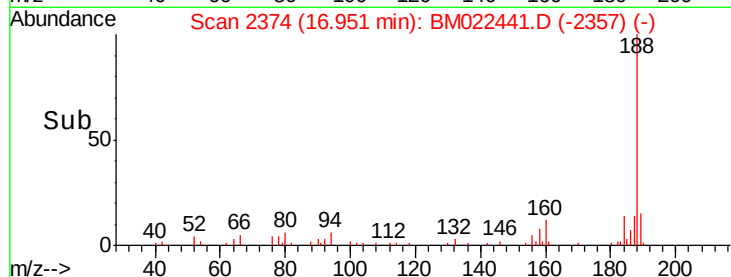
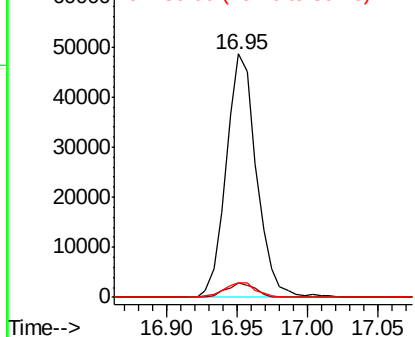
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 72475
Ion Ratio Lower Upper
188 100
94 6.2 4.4 6.6
80 5.9 5.0 7.6

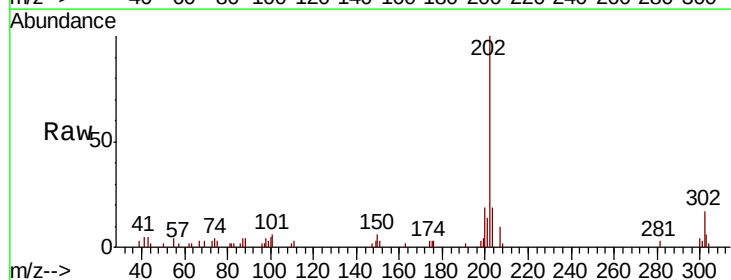


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

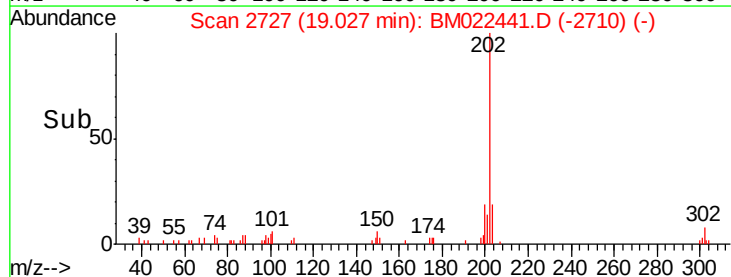
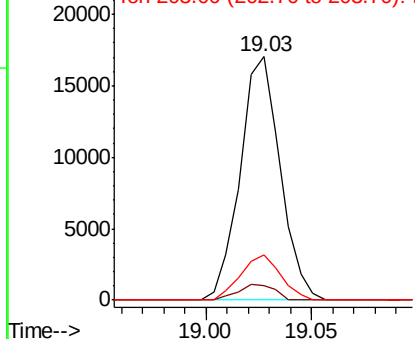


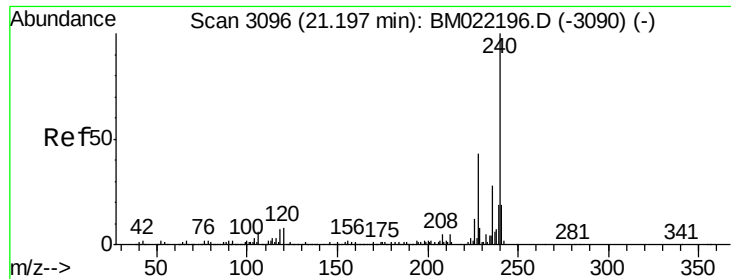
#75
Fluoranthene
Concen: 3.983 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:202 Resp: 22406
Ion Ratio Lower Upper
202 100
101 6.0 0.0 25.1
203 18.8 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

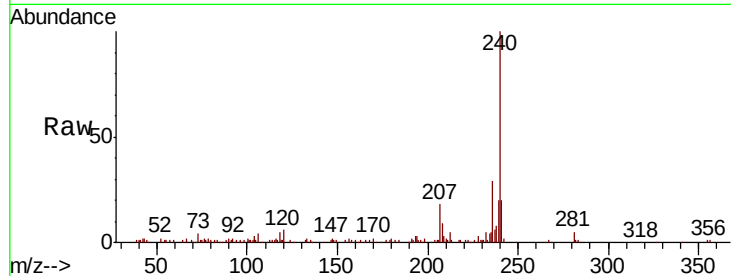




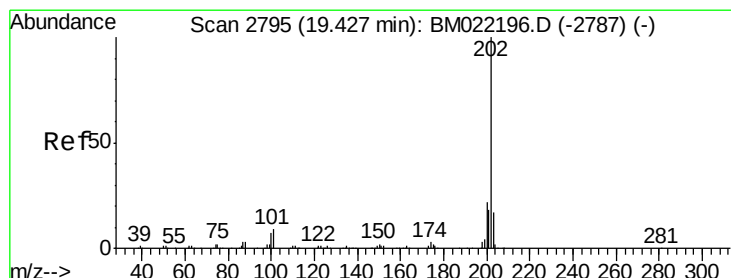
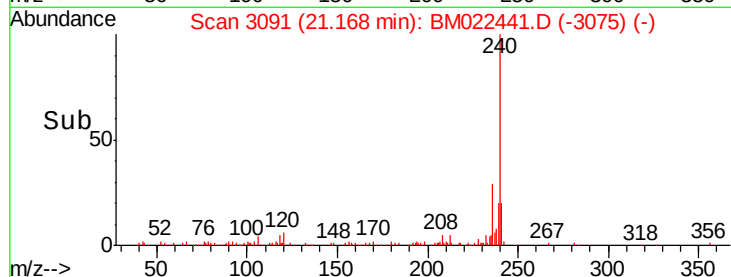
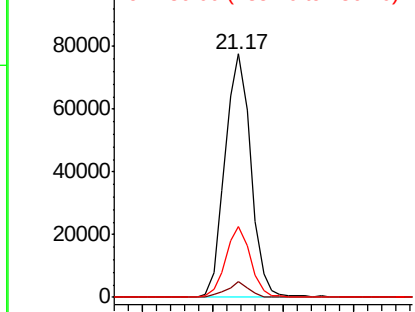
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 99489
Ion Ratio Lower Upper
240 100
120 6.3 3.9 5.9#
236 29.2 21.4 32.2

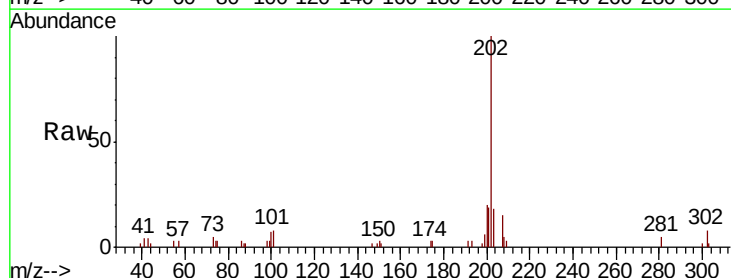


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

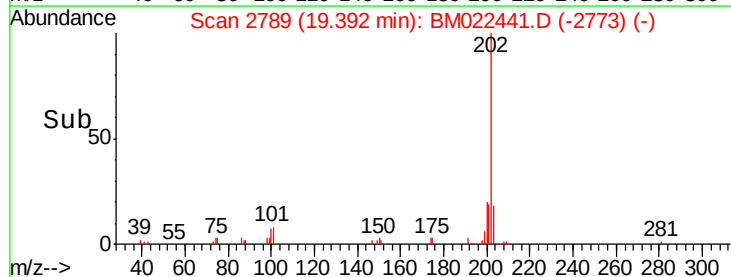
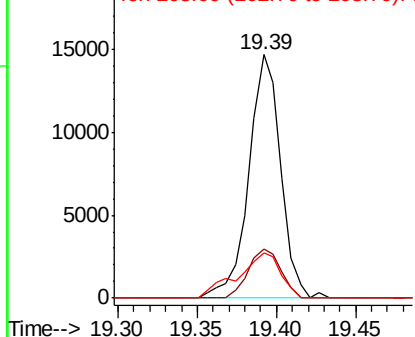


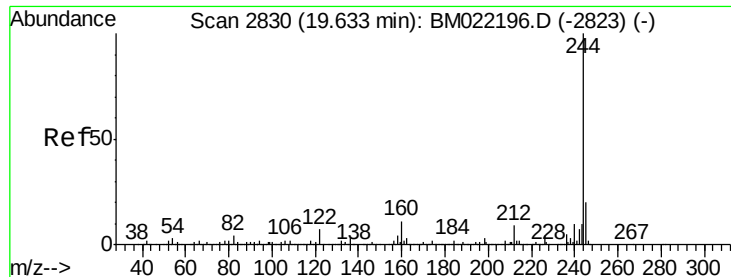
#78
Pyrene
Concen: 3.026 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022441.D
Acq: 30 Aug 2019 14:35

Tgt Ion:202 Resp: 20517
Ion Ratio Lower Upper
202 100
200 20.0 17.7 26.5
203 18.4 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

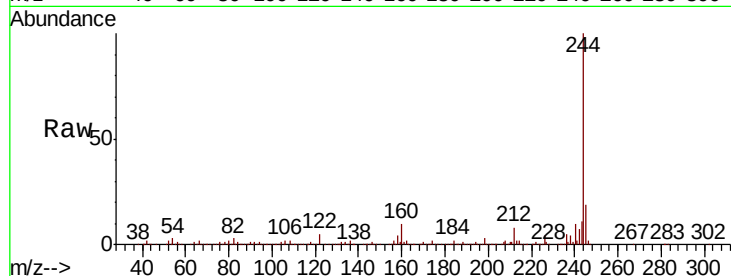




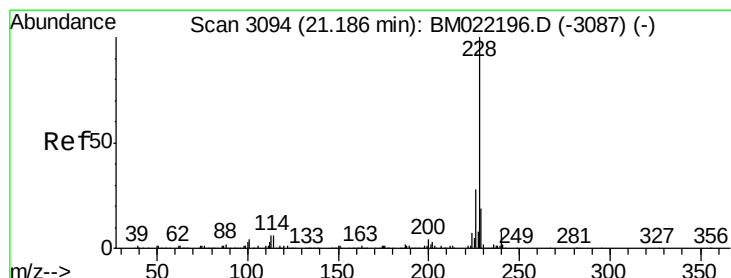
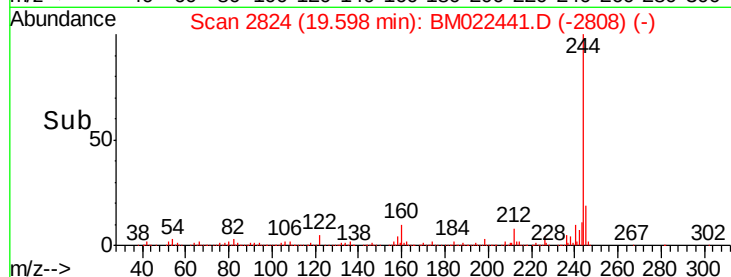
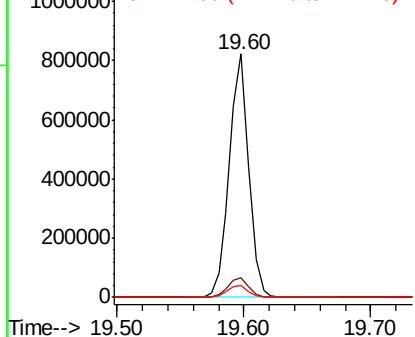
#79
 Terphenyl-d14
 Concen: 114.782 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022441.D
 Acq: 30 Aug 2019 14:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 865282
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 4.9 3.9 5.9

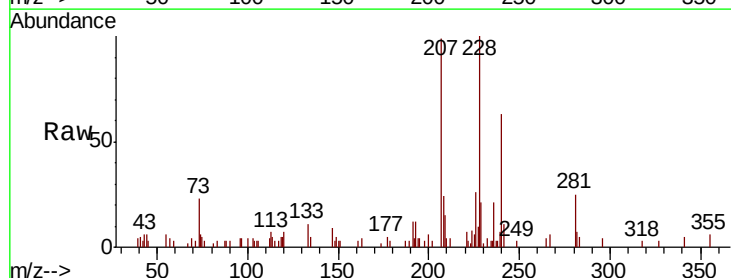


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

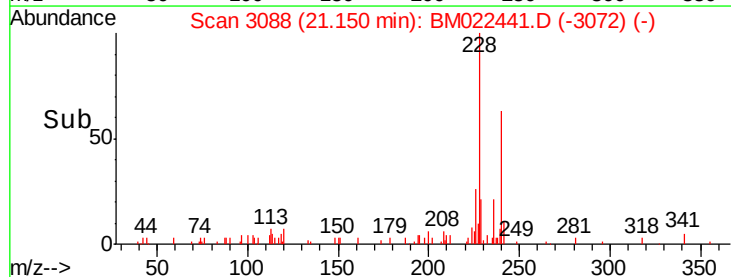
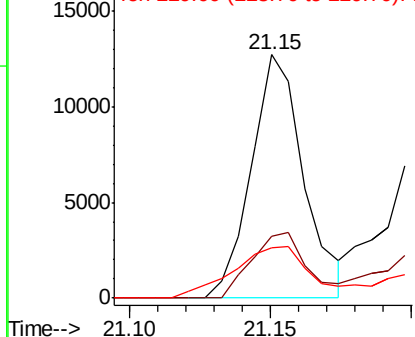


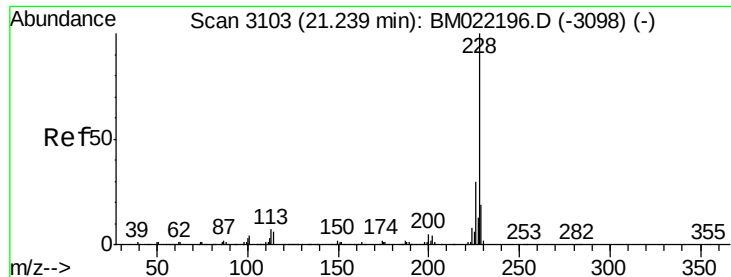
#81
 Benzo(a)anthracene
 Concen: 2.300 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM022441.D
 Acq: 30 Aug 2019 14:35

Tgt Ion:228 Resp: 16421
 Ion Ratio Lower Upper
 228 100
 226 25.6 22.6 34.0
 229 20.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.282 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM022441.D

Acq: 30 Aug 2019 14:35

Instrument :

BNA_M

ClientSampleId :

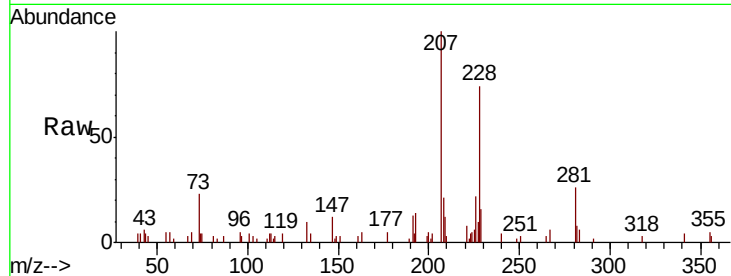
Tot Ion:228 Resp: 15508

Ion Ratio Lower Upper

228 100

226 29.4 24.5 36.7

229 22.1 15.7 23.5

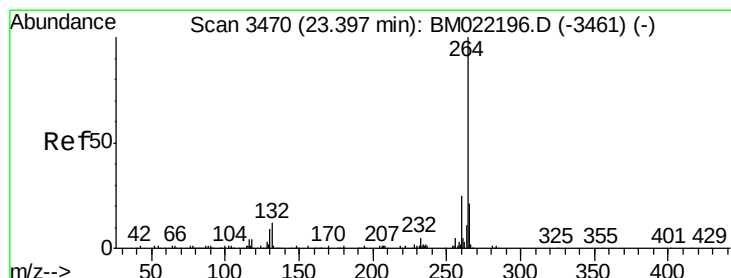
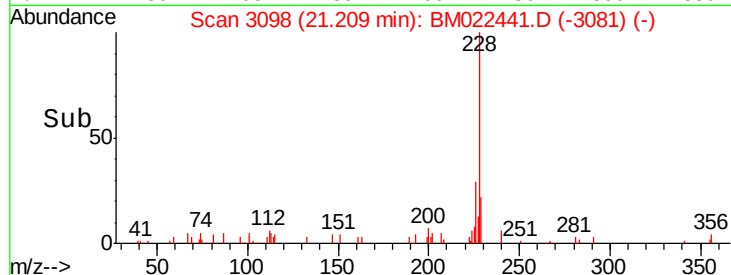
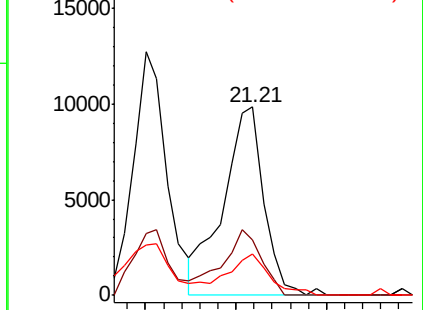


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022441.D

Acq: 30 Aug 2019 14:35

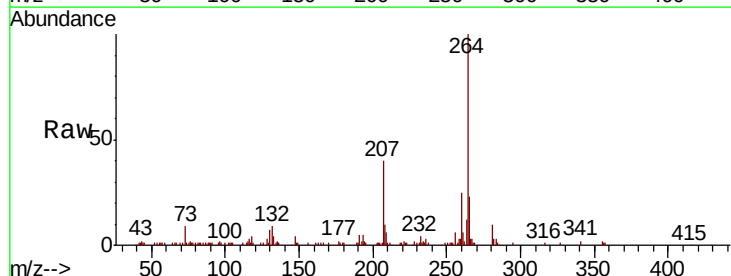
Tgt Ion:264 Resp: 131282

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 22.6 18.2 27.2

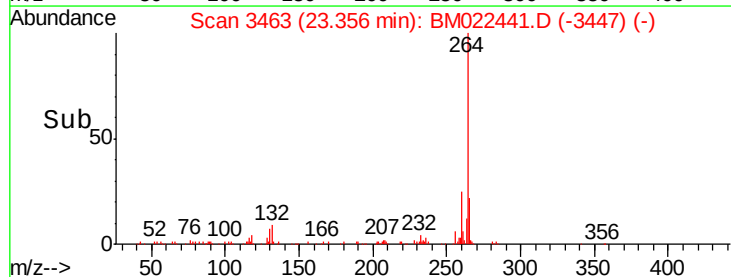
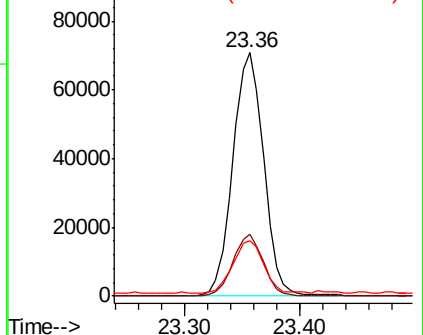


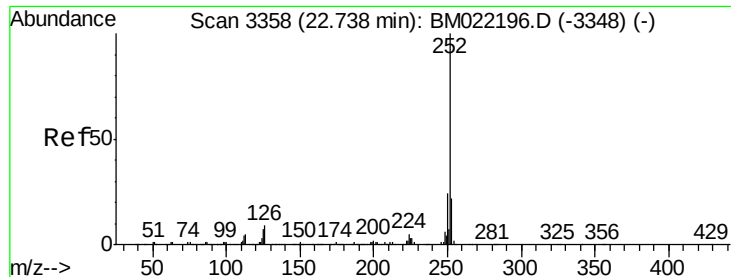
Abundance

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: 2.755 ng

RT: 22.71 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM022441.D

Acq: 30 Aug 2019 14:35

Instrument :

BNA_M

ClientSampleId :

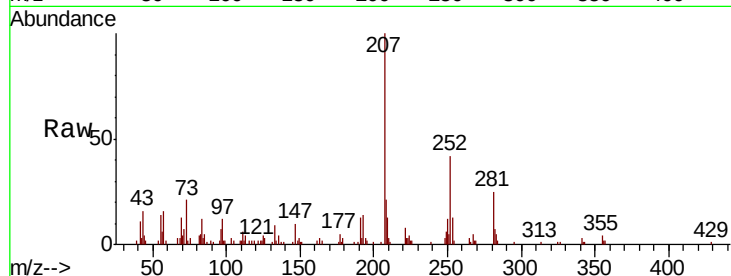
Tot Ion:252 Resp: 25125

Ion Ratio Lower Upper

252 100

253 29.7 17.9 26.9#

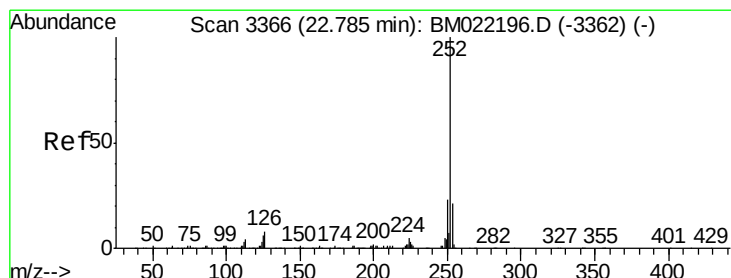
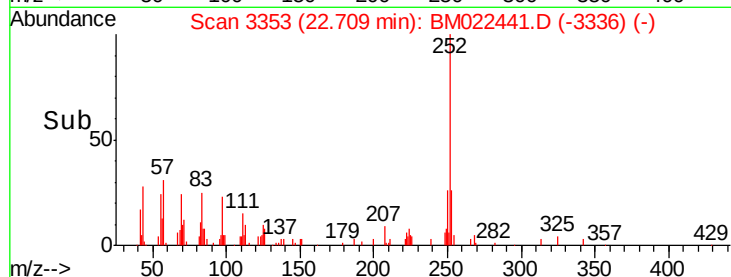
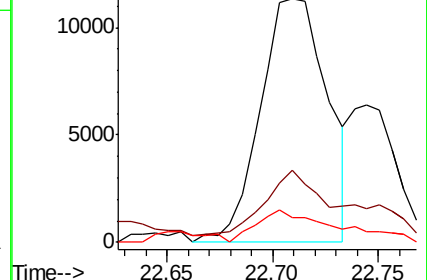
125 10.4 3.5 5.3#



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: 2.777 ng

RT: 22.71 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BM022441.D

Acq: 30 Aug 2019 14:35

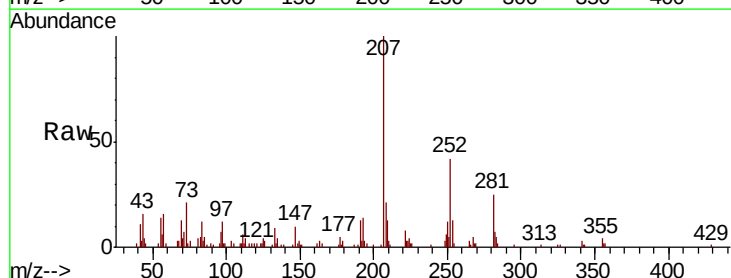
Tgt Ion:252 Resp: 25125

Ion Ratio Lower Upper

252 100

253 29.7 17.0 25.4#

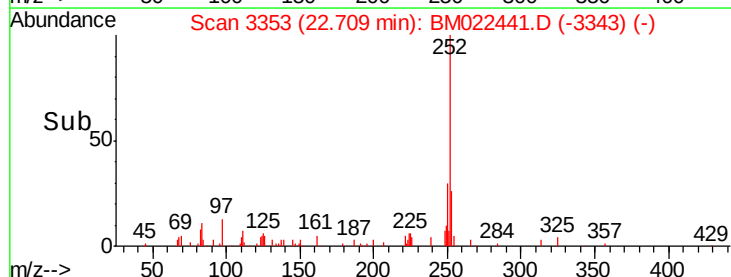
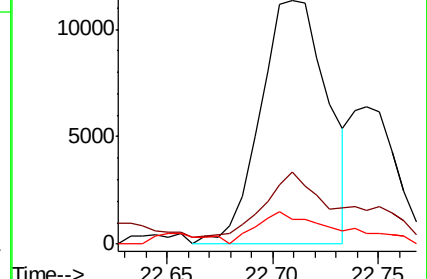
125 10.4 3.7 5.5#

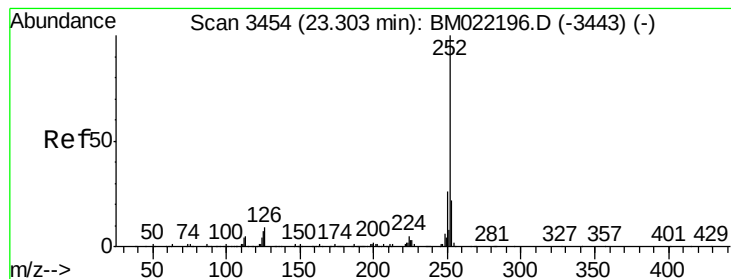


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
 Benzo(a)pyrene
 Concen: 2.253 ng
 RT: 23.26 min Scan# 3447
 Delta R.T. -0.01 min
 Lab File: BM022441.D
 Acq: 30 Aug 2019 14:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.2#
125	7.0	3.8	5.8#

