

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022453.D
 Acq On : 30 Aug 2019 22:33
 Operator : HP/JU
 Sample : K4439-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 31 01:11:09 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

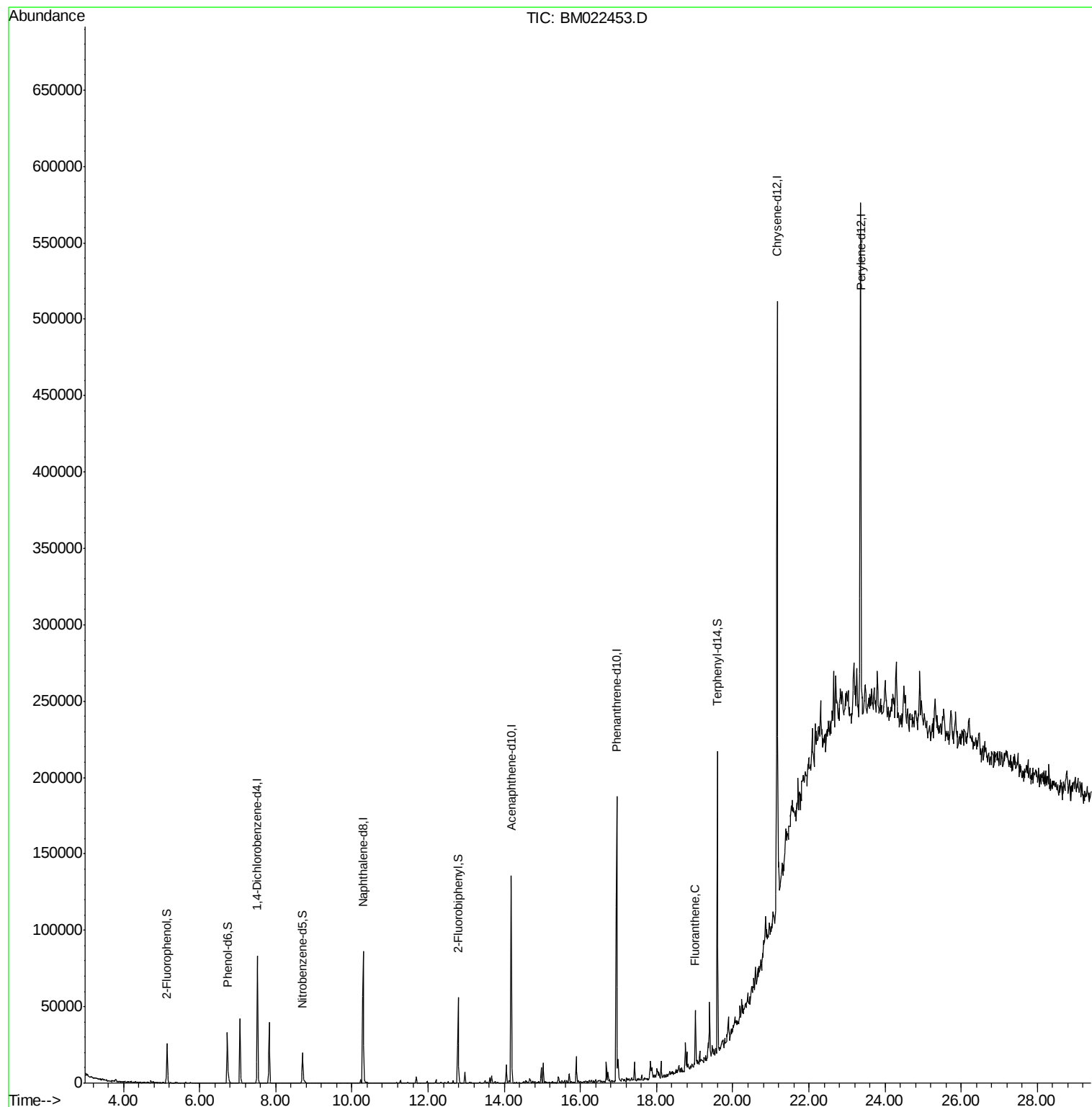
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19111	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	67229	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	43038	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	102228	20.00	ng	0.00
76) Chrysene-d12	21.16	240	162122	20.00	ng	-0.01
87) Perylene-d12	23.36	264	219165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	10676	9.81	ng	0.00
7) Phenol-d6	6.73	99	19492	13.39	ng	0.00
23) Nitrobenzene-d5	8.70	82	13852	9.02	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	1592	1.81	ng	0.01
45) 2-Fluorobiphenyl	12.79	172	30043	7.91	ng	0.00
79) Terphenyl-d14	19.59	244	74639	6.08	ng	-0.01
Target Compounds						
75) Fluoranthene	19.02	202	18920	2.384	ng	Qvalue 96

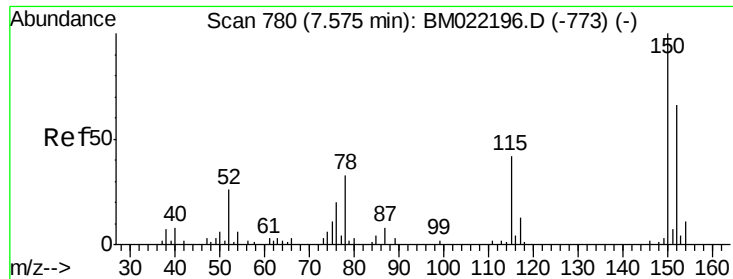
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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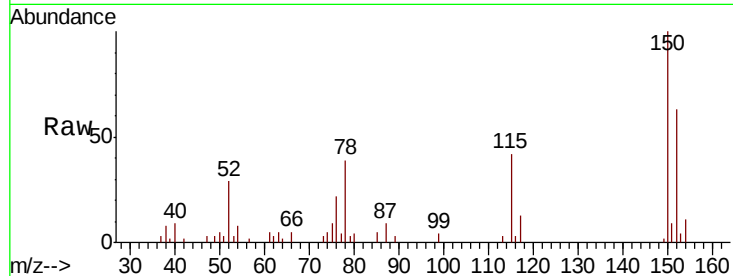




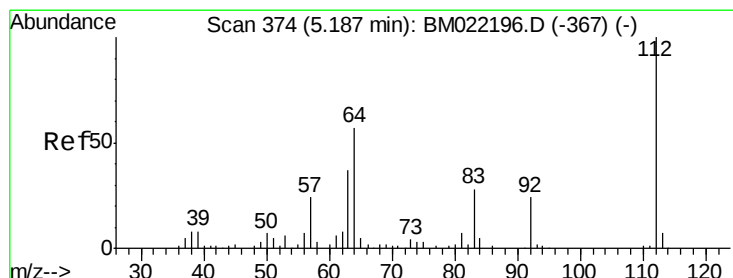
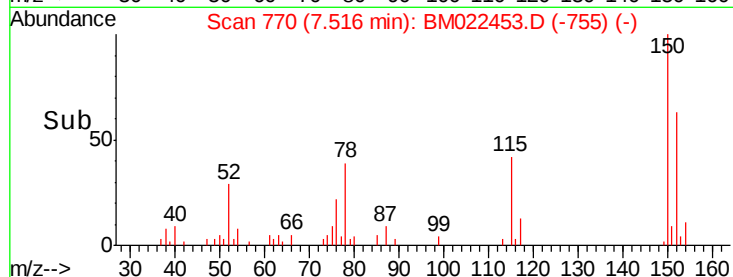
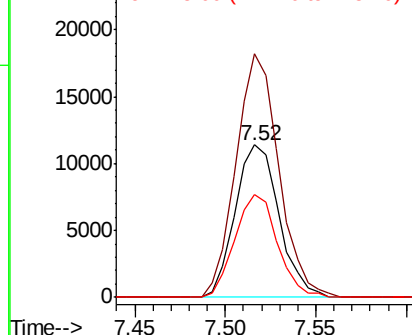
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:152 Resp: 19111
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.4 188.0
 115 67.2 50.3 75.5

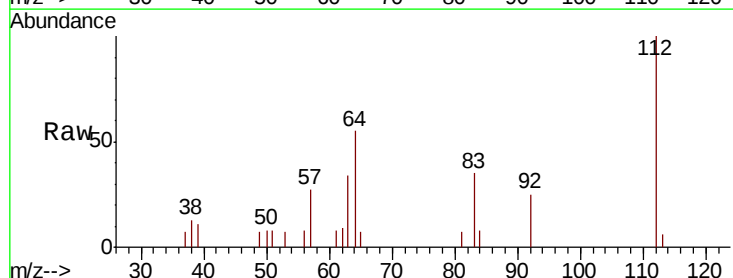


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

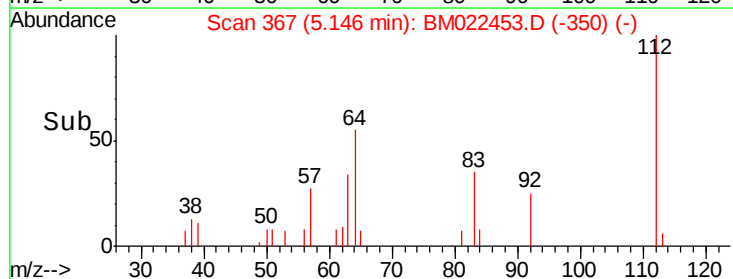
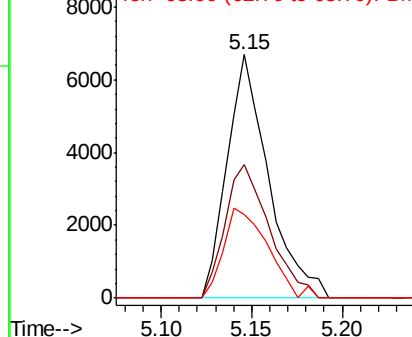


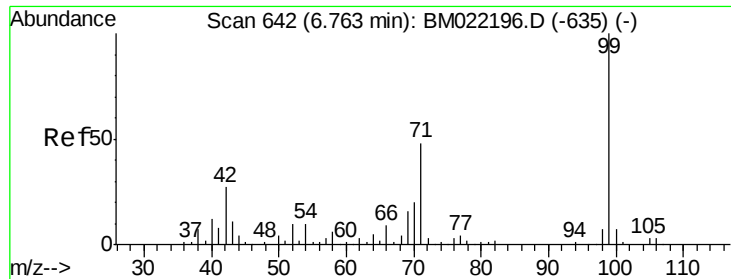
#5
 2-Fluorophenol
 Concen: 9.806 ng
 RT: 5.15 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Tgt Ion:112 Resp: 10676
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.4 68.2
 63 34.2 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: 13.388 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM022453.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_M

ClientSampleId :

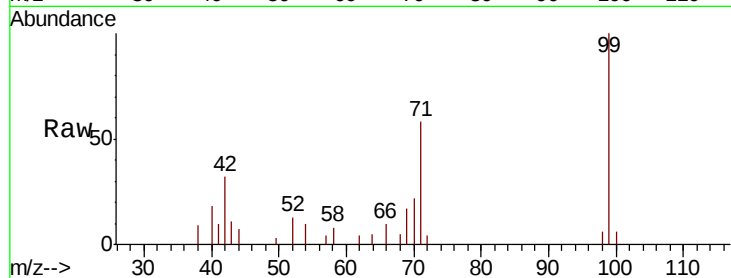
Tot Ion: 99 Resp: 19492

Ion Ratio Lower Upper

99 100

42 32.1 26.3 39.5

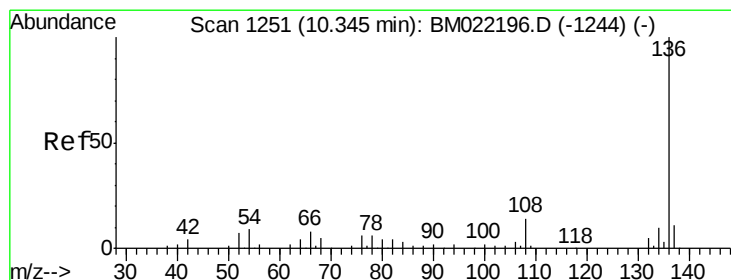
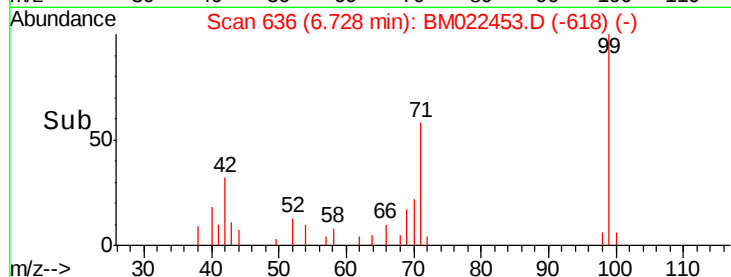
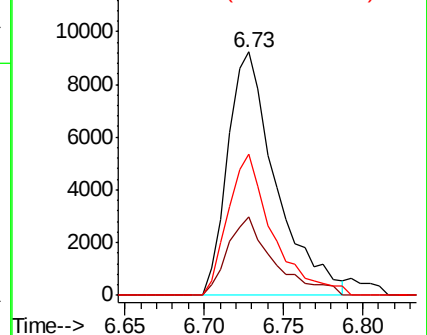
71 58.0 46.6 69.8



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: BM022453.D

Acq: 30 Aug 2019 22:33

Tgt Ion: 136 Resp: 67229

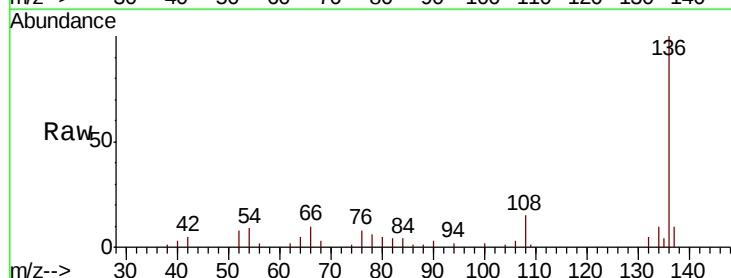
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 8.7 7.0 10.6

68 3.0 2.9 4.3

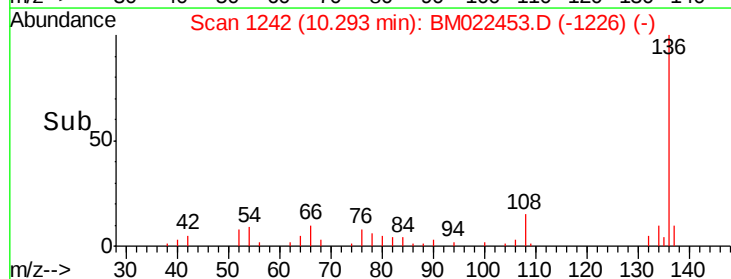
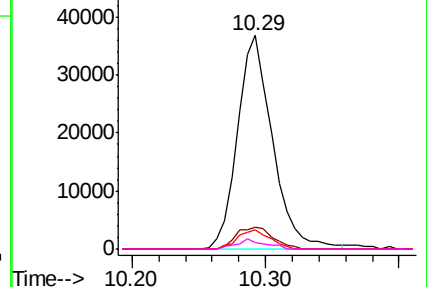


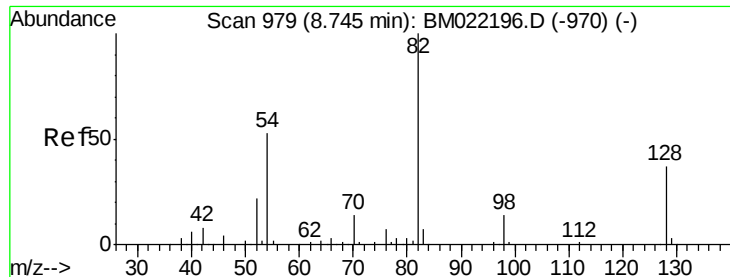
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

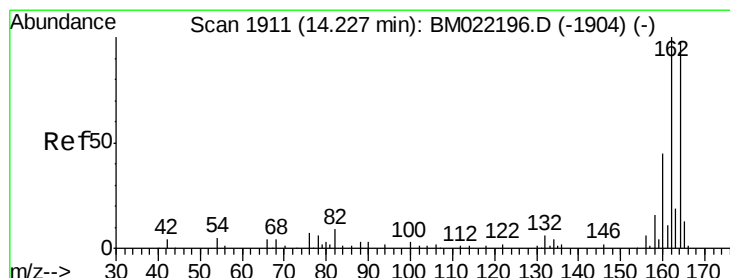
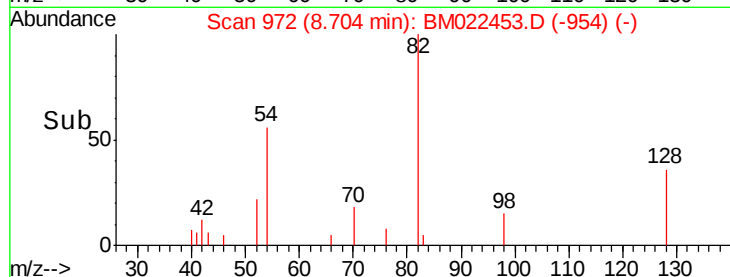
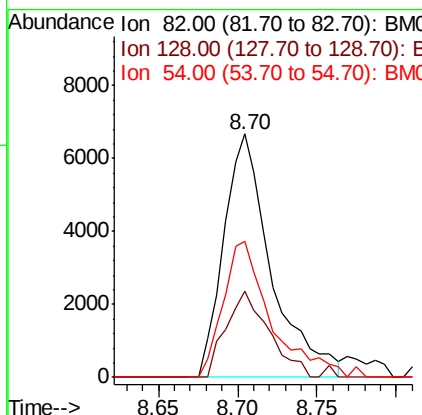
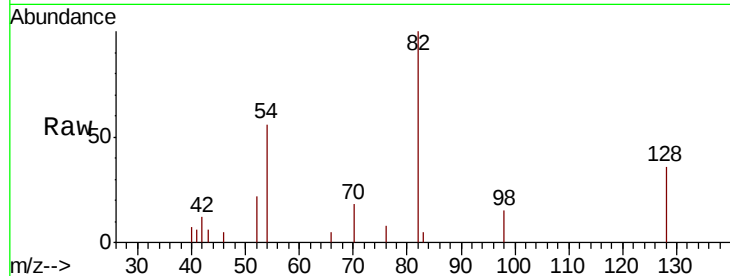




#23
 Nitrobenzene-d5
 Concen: 9.025 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

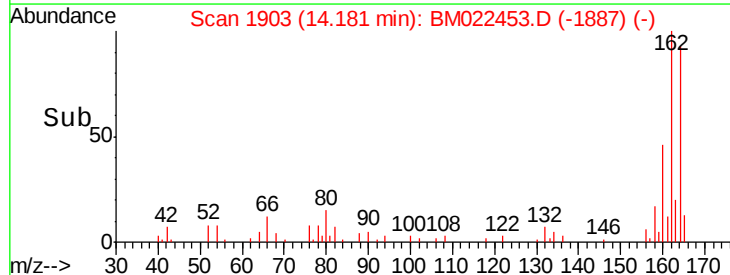
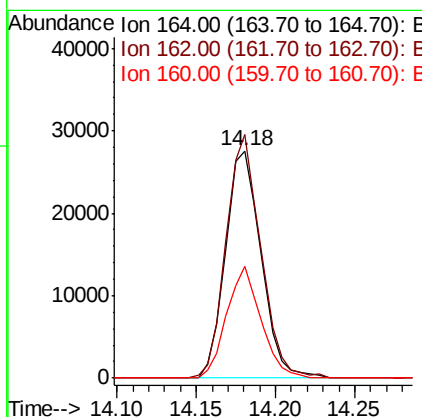
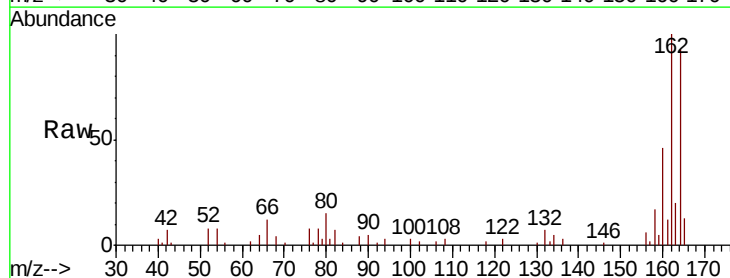
Instrument :
 BNA_M
 ClientSampleId :

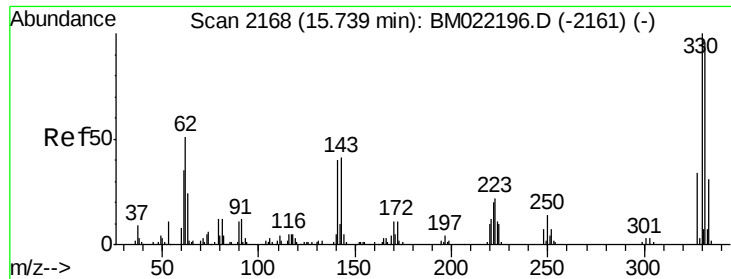
Tot Ion	82	Resp	13852
Ion Ratio	100	Lower	Upper
128	35.5	27.9	41.9
54	55.9	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Tgt Ion	164	Resp	43038
Ion Ratio	100	Lower	Upper
162	107.0	80.6	121.0
160	48.9	37.3	55.9

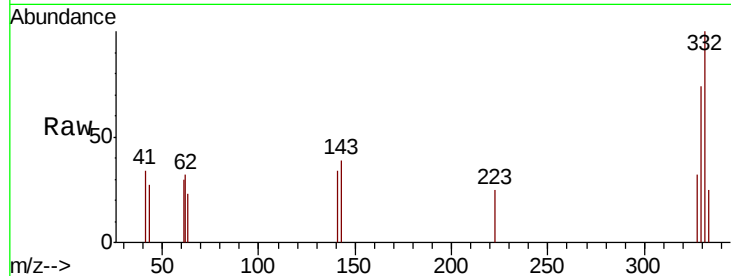




#42
 2,4,6-Tribromophenol
 Concen: 1.808 ng
 RT: 15.71 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.8	116.8
141	26.9	35.6	53.4

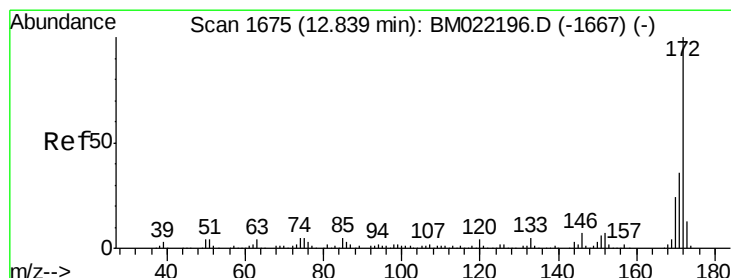
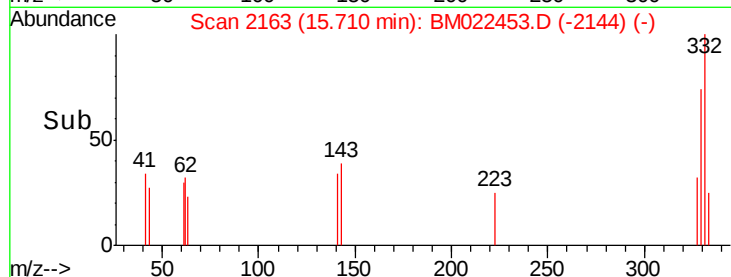
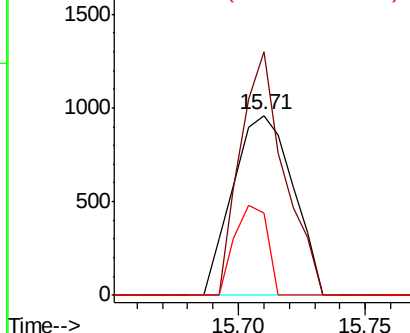


Abundance

Ion 329.80 (329.50 to 330.50): E

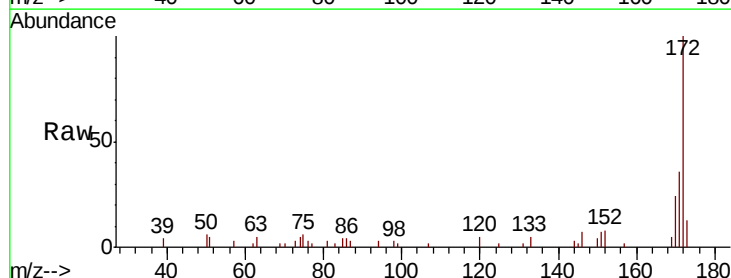
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 7.908 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.3	18.9	28.3

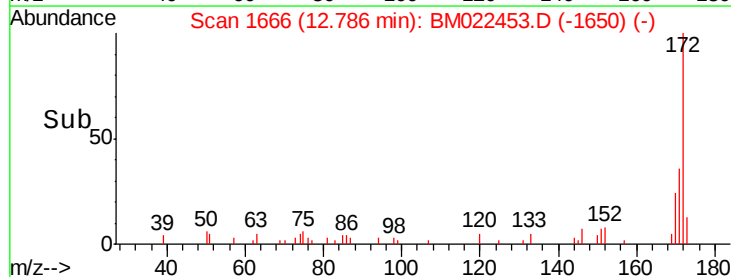
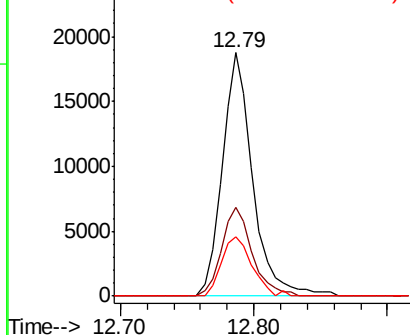


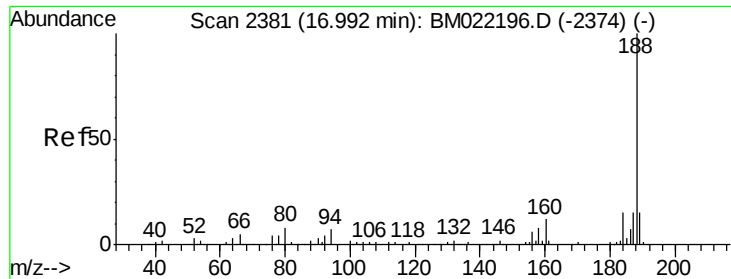
Abundance

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

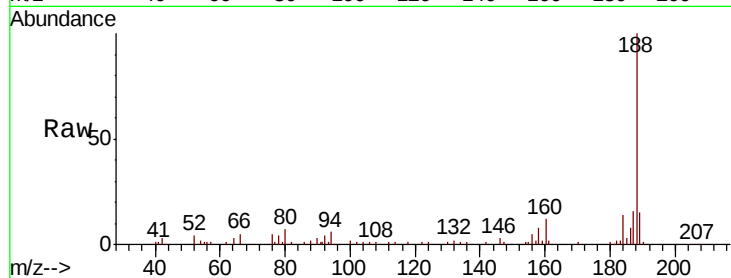




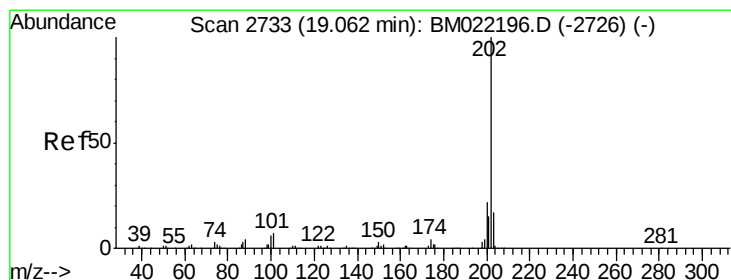
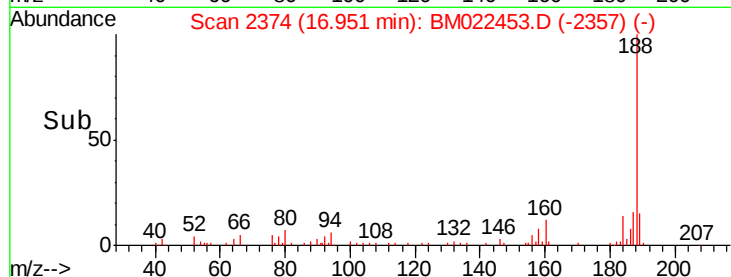
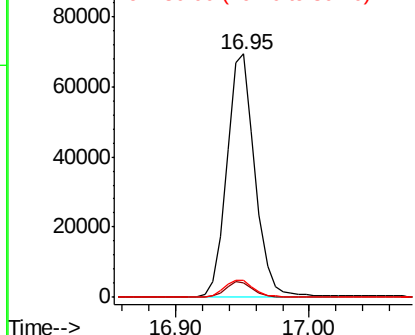
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022453.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 102228
Ion Ratio Lower Upper
188 100
94 5.9 4.4 6.6
80 7.0 5.0 7.6

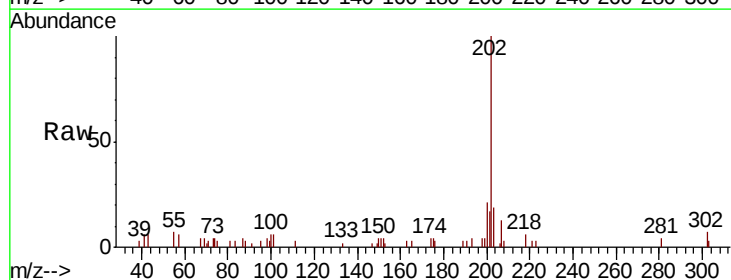


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

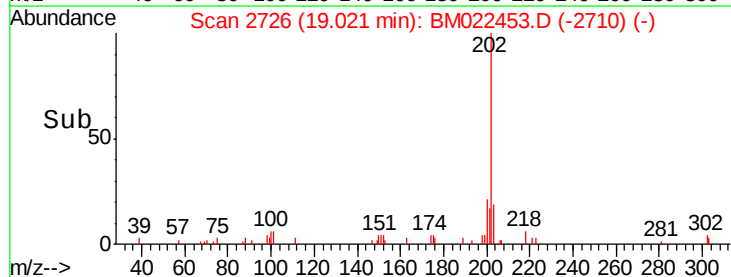
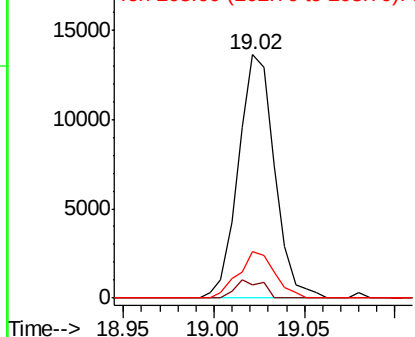


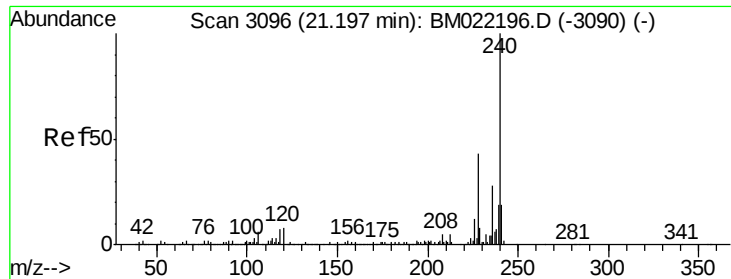
#75
Fluoranthene
Concen: 2.384 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022453.D
Acq: 30 Aug 2019 22:33

Tgt Ion:202 Resp: 18920
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.1
203 19.3 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

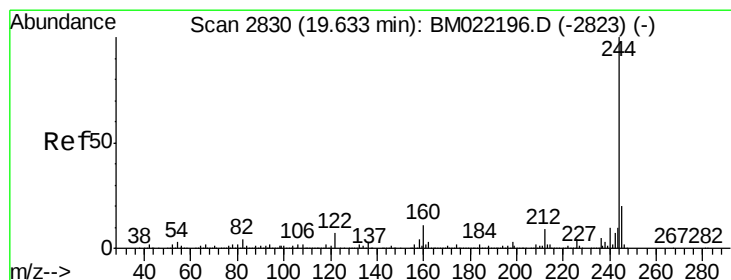
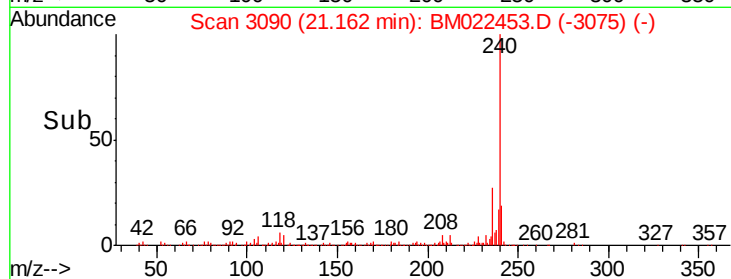
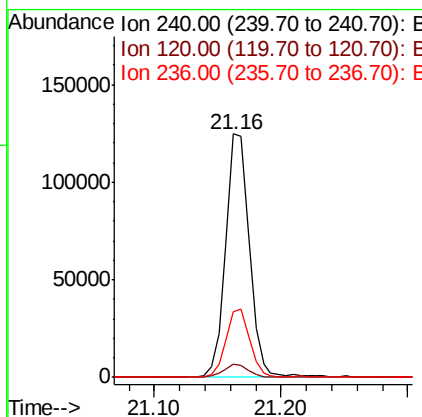
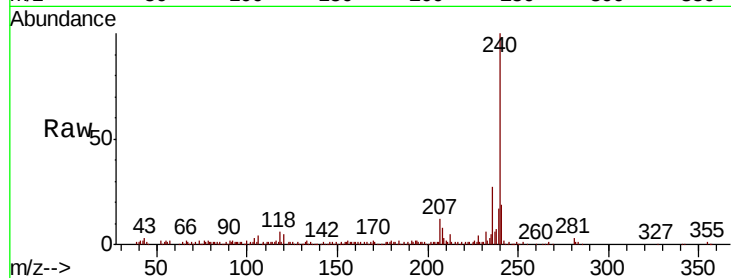




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM022453.D
Acq: 30 Aug 2019 22:33

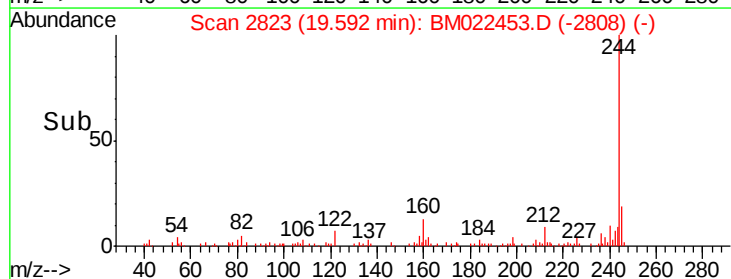
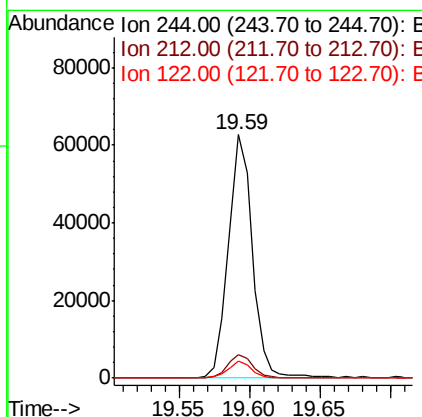
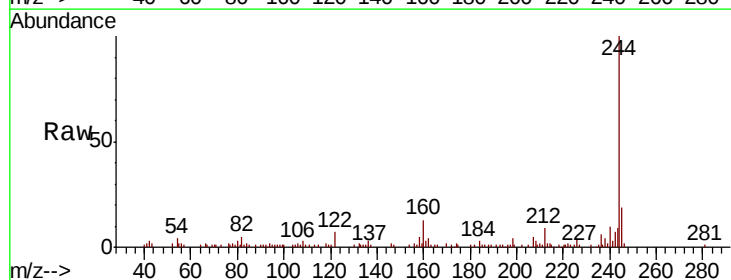
Instrument :
BNA_M
ClientSampleId :

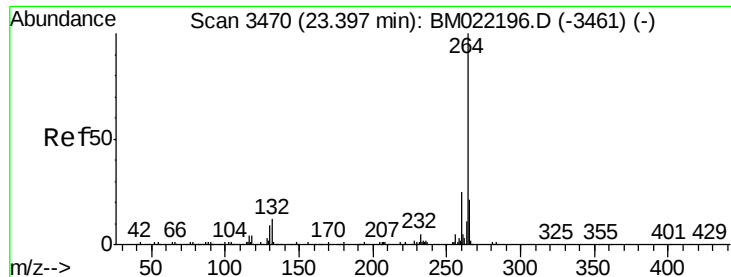
Tot Ion:240 Resp: 162122
Ion Ratio Lower Upper
240 100
120 5.3 3.9 5.9
236 27.1 21.4 32.2



#79
Terphenyl-d14
Concen: 6.076 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM022453.D
Acq: 30 Aug 2019 22:33

Tgt Ion:244 Resp: 74639
Ion Ratio Lower Upper
244 100
212 9.4 7.0 10.4
122 7.0 3.9 5.9#

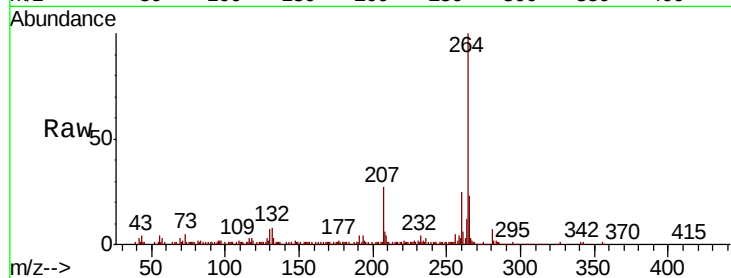




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BM022453.D
 Acq: 30 Aug 2019 22:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

