

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022450.D
 Acq On : 30 Aug 2019 20:43
 Operator : HP/JU
 Sample : K4618-09 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 31 00:09:48 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	14755	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	49429	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	29973	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	67865	20.00	ng	0.00
76) Chrysene-d12	21.17	240	95918	20.00	ng	0.00
87) Perylene-d12	23.36	264	128423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	17084	20.32	ng	0.00
7) Phenol-d6	6.73	99	19431	17.29	ng	0.00
23) Nitrobenzene-d5	8.70	82	13451	11.92	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	8729	14.23	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	26695	10.09	ng	0.00
79) Terphenyl-d14	19.60	244	59954	8.25	ng	0.00

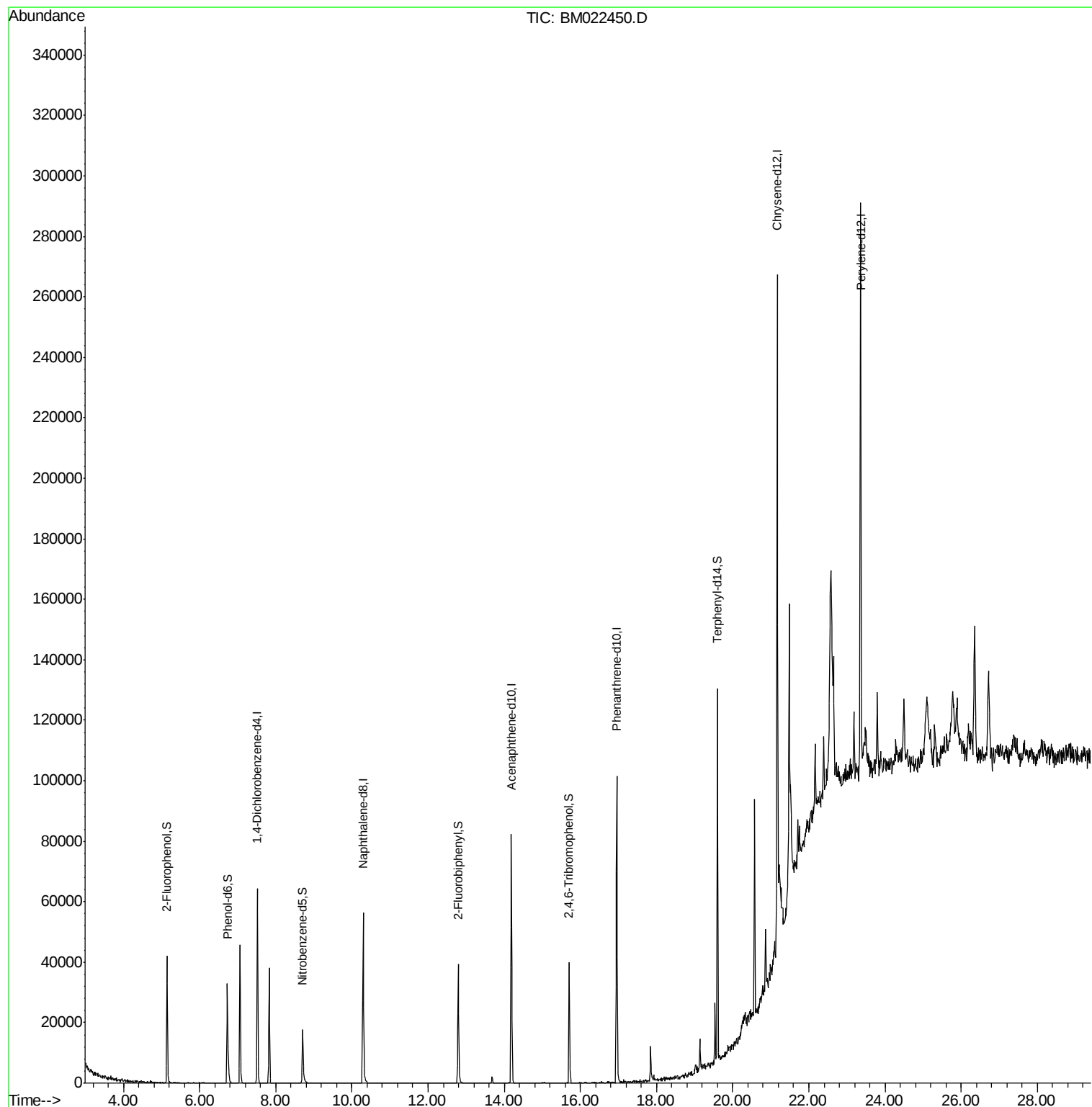
Target Compounds Qvalue

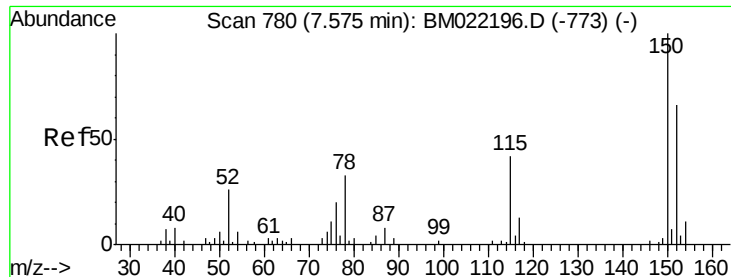
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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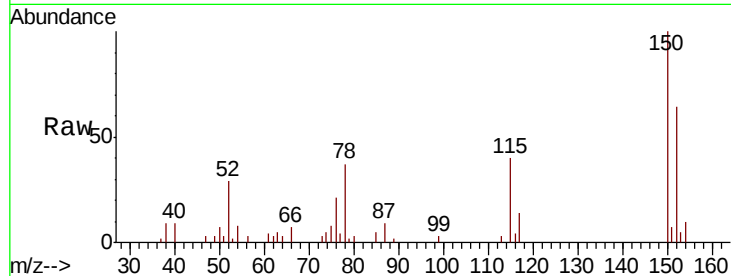


#1

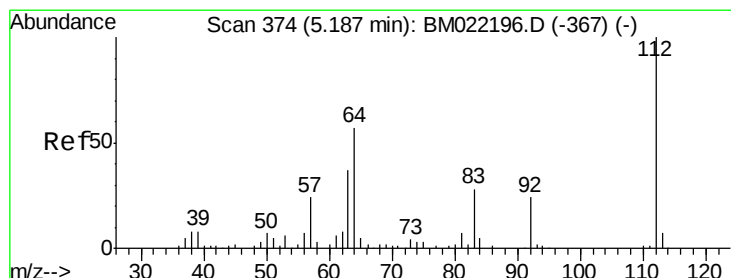
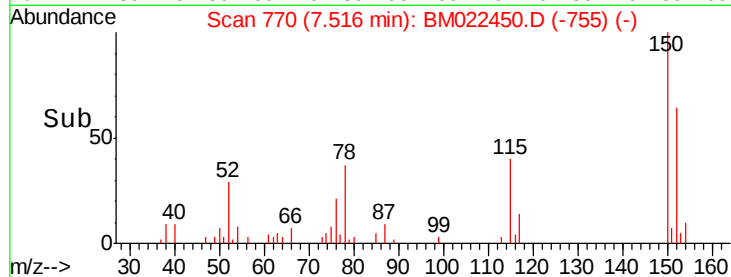
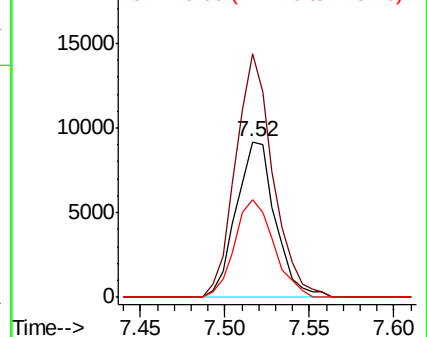
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022450.D
Acq: 30 Aug 2019 20:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 14755
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.0
115 62.9 50.3 75.5



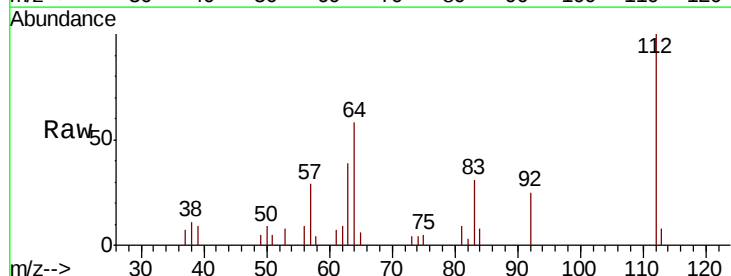
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



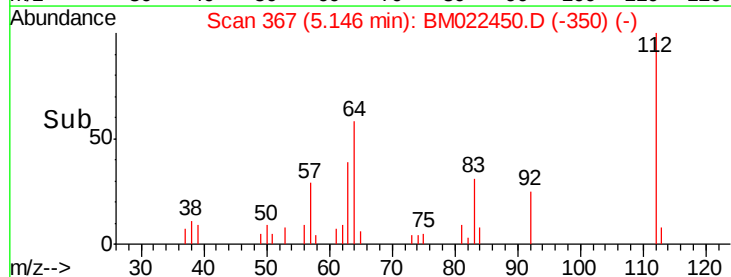
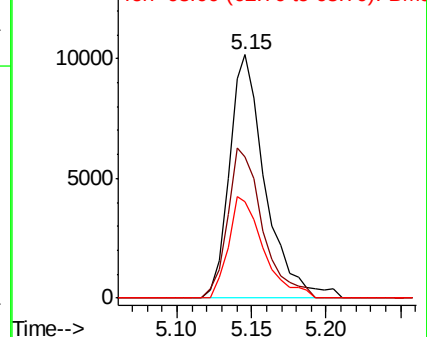
#5

2-Fluorophenol
Concen: 20.324 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022450.D
Acq: 30 Aug 2019 20:43

Tgt Ion:112 Resp: 17084
Ion Ratio Lower Upper
112 100
64 58.1 45.4 68.2
63 39.4 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: 17.286 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM022450.D

Acq: 30 Aug 2019 20:43

Instrument :

BNA_M

ClientSampleId :

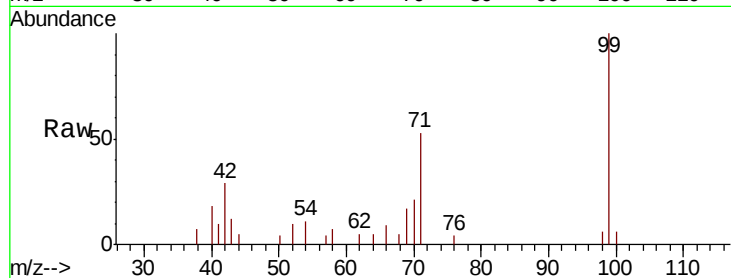
Tot Ion: 99 Resp: 19431

Ion Ratio Lower Upper

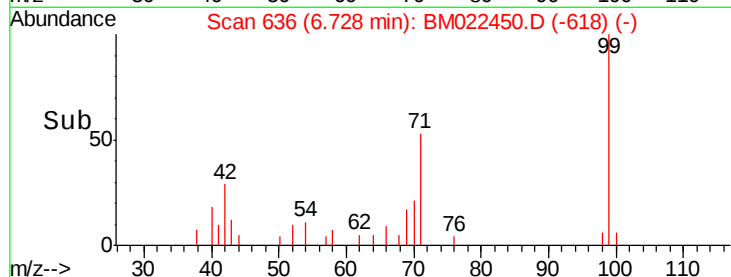
99 100

42 28.8 26.3 39.5

71 53.4 46.6 69.8



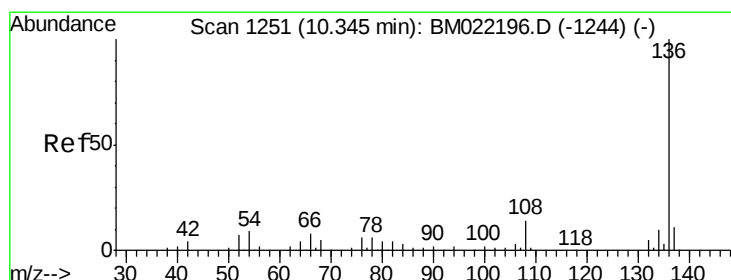
Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)



Ion 42.00 (41.70 to 42.70): BM022450.D (-618) (-)

Ion 71.00 (70.70 to 71.70): BM022450.D (-618) (-)

Time--> 6.65 6.70 6.75 6.80



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022450.D

Acq: 30 Aug 2019 20:43

Tgt Ion: 136 Resp: 49429

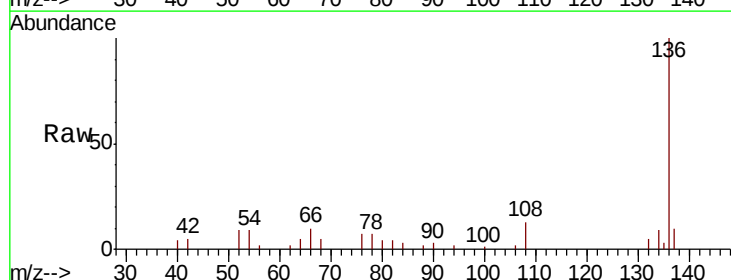
Ion Ratio Lower Upper

136 100

137 10.0 8.6 13.0

54 9.0 7.0 10.6

68 4.9 2.9 4.3#

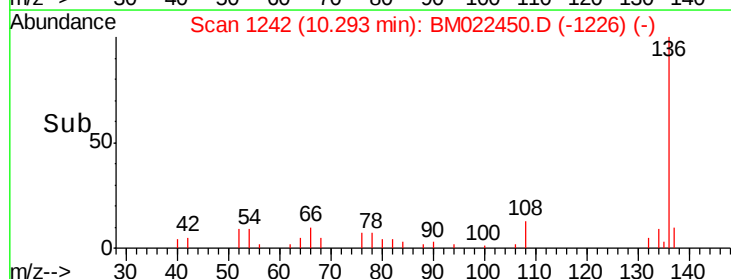


Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

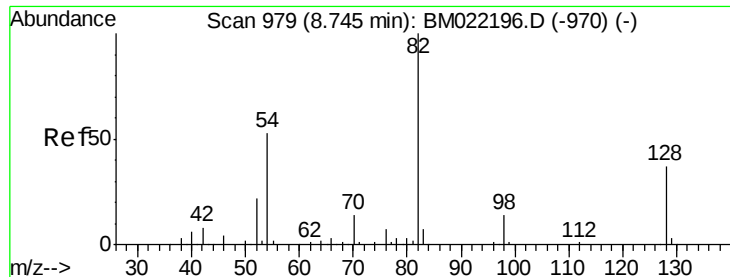
Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)



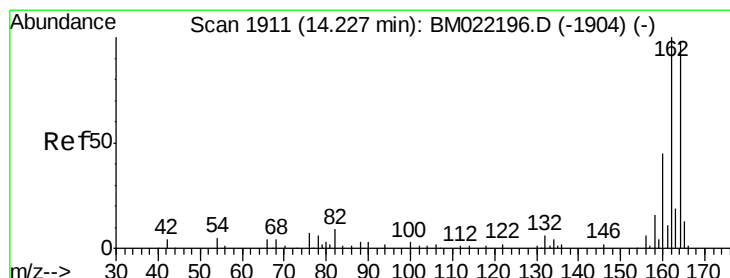
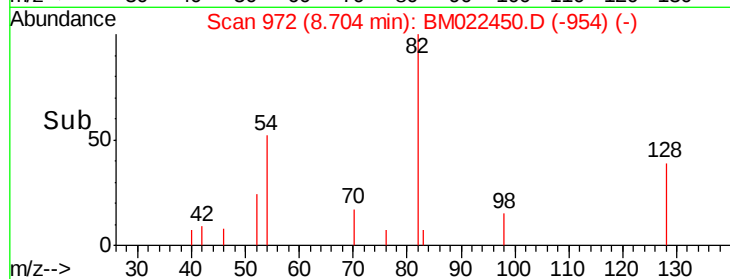
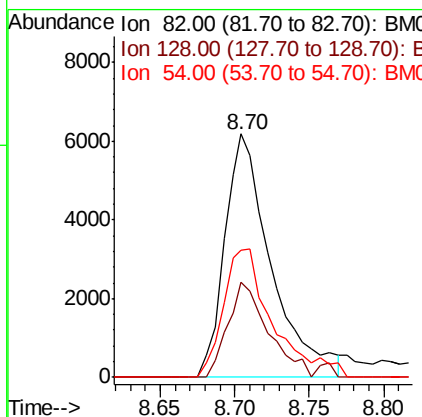
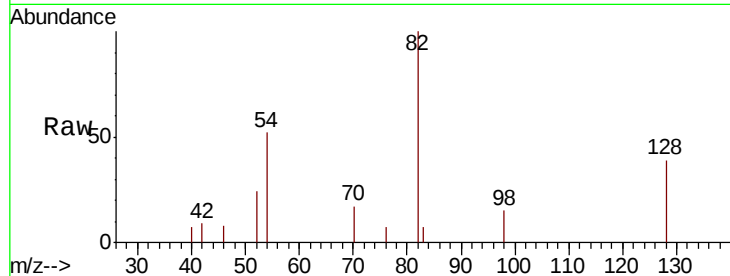
Time--> 10.20 10.25 10.30 10.35



#23
 Nitrobenzene-d5
 Concen: 11.919 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BM022450.D
 Acq: 30 Aug 2019 20:43

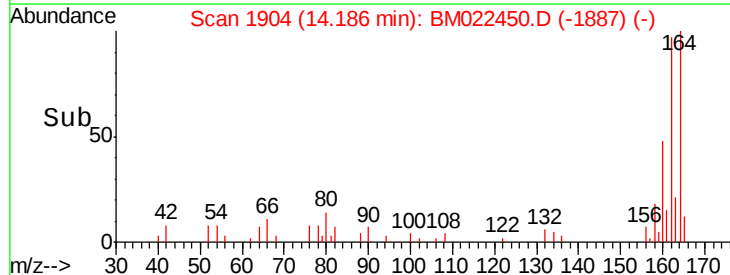
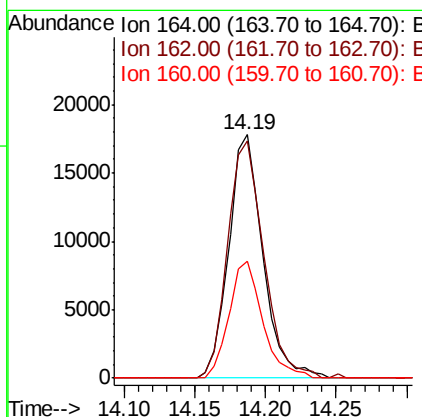
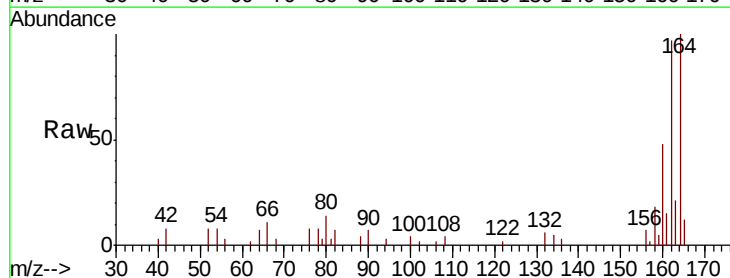
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	82	Resp	13451
Ion Ratio	Lower	Upper	
82	100		
128	39.1	27.9	41.9
54	52.3	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BM022450.D
 Acq: 30 Aug 2019 20:43

Tgt Ion	164	Resp	29973
Ion Ratio	Lower	Upper	
164	100		
162	97.5	80.6	121.0
160	47.8	37.3	55.9

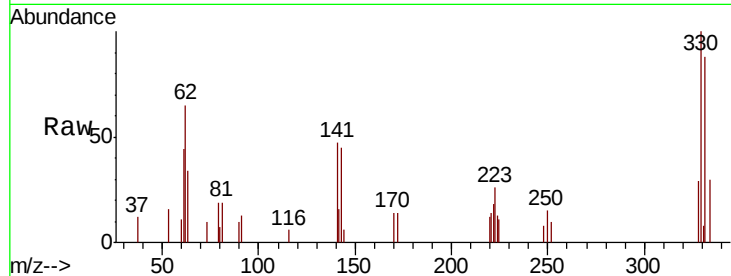




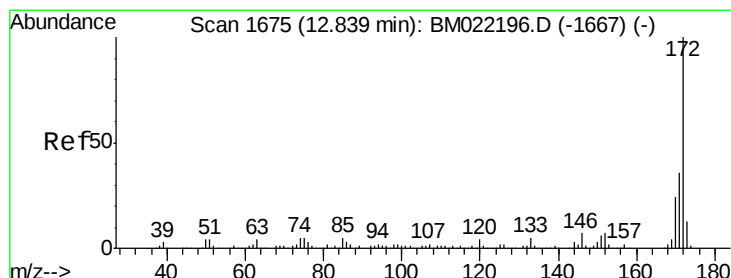
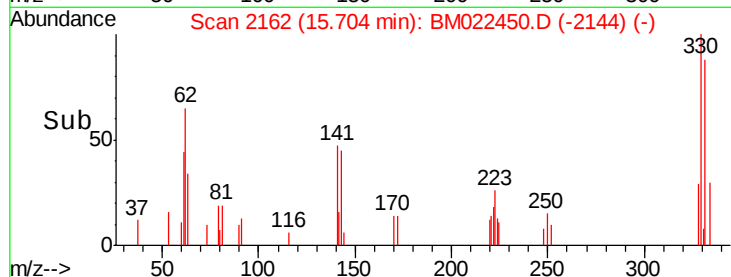
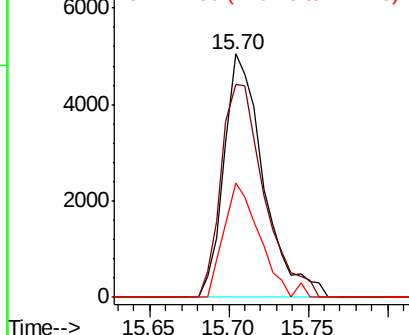
#42
 2,4,6-Tribromophenol
 Concen: 14.232 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BM022450.D
 Acq: 30 Aug 2019 20:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 8729
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.8 116.8
 141 42.7 35.6 53.4

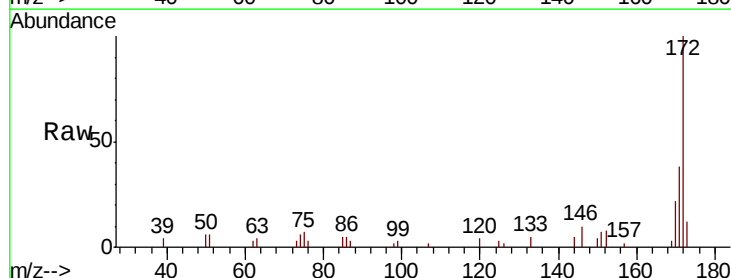


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

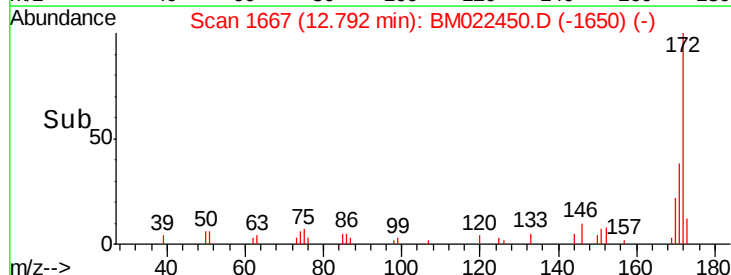
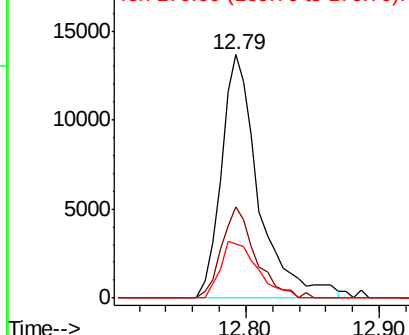


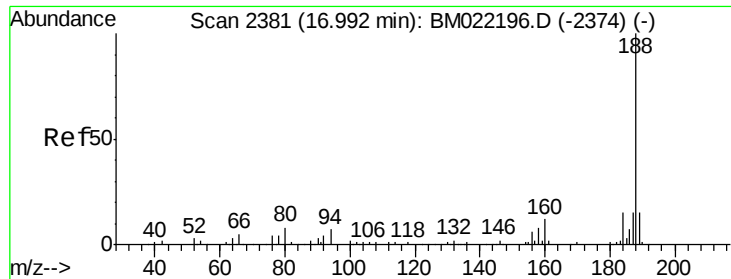
#45
 2-Fluorobiphenyl
 Concen: 10.090 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BM022450.D
 Acq: 30 Aug 2019 20:43

Tgt Ion:172 Resp: 26695
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.5 42.7
 170 22.0 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: BM022450.D

Acq: 30 Aug 2019 20:43

Instrument :

BNA_M

ClientSampled :

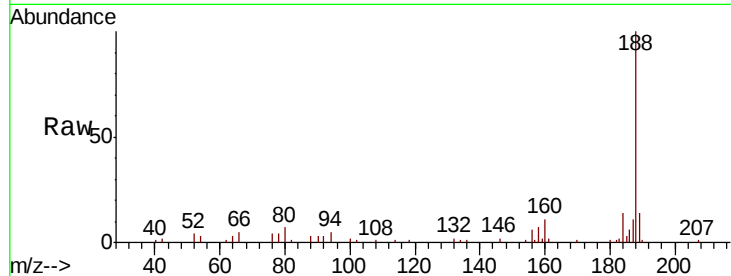
Tot Ion:188 Resp: 67865

Ion Ratio Lower Upper

188 100

94 5.5 4.4 6.6

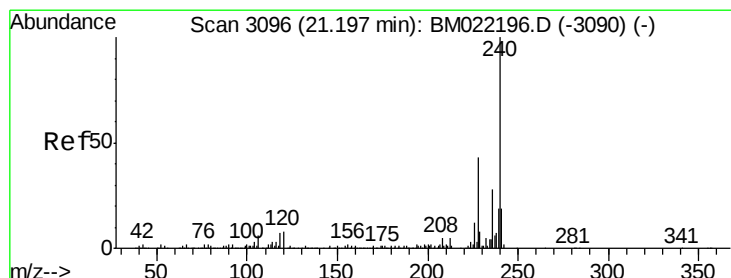
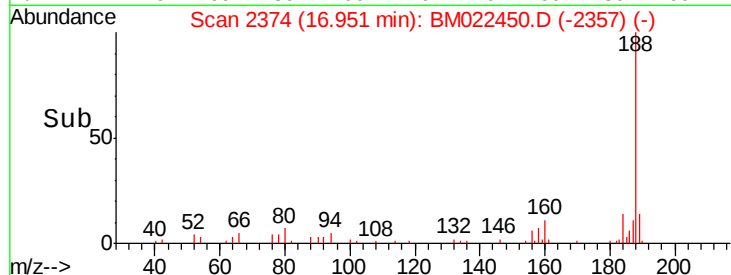
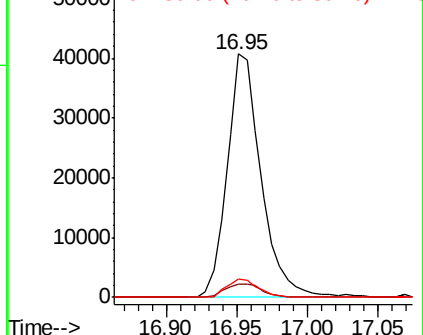
80 7.3 5.0 7.6



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: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022450.D

Acq: 30 Aug 2019 20:43

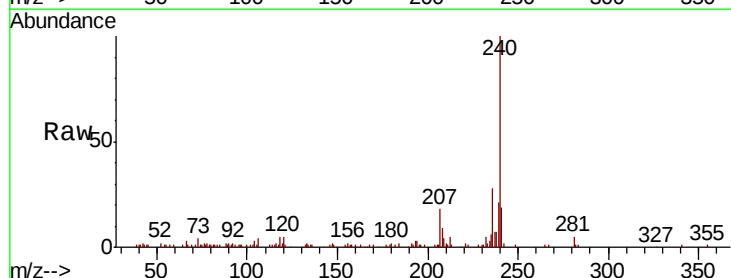
Tgt Ion:240 Resp: 95918

Ion Ratio Lower Upper

240 100

120 5.2 3.9 5.9

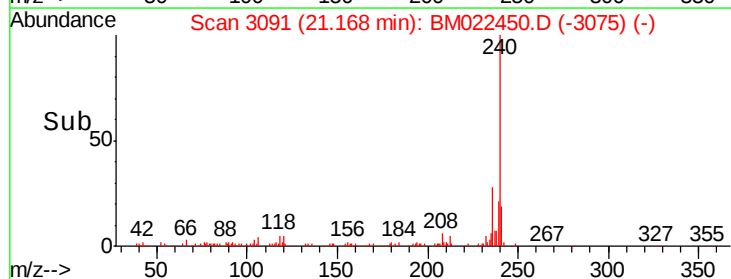
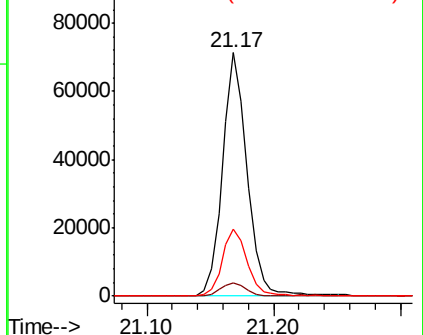
236 27.7 21.4 32.2

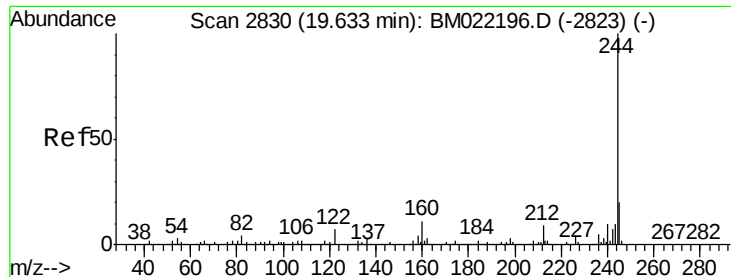


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

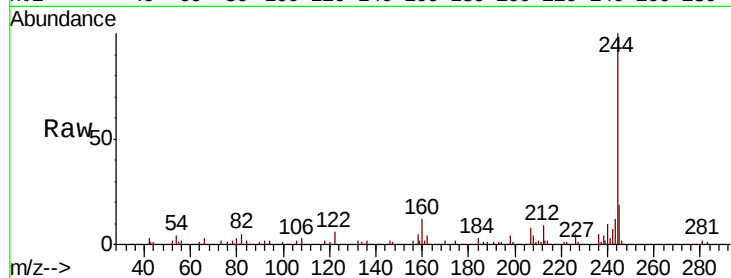




#79
 Terphenyl-d14
 Concen: 8.249 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM022450.D
 Acq: 30 Aug 2019 20:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	6.1	3.9	5.9

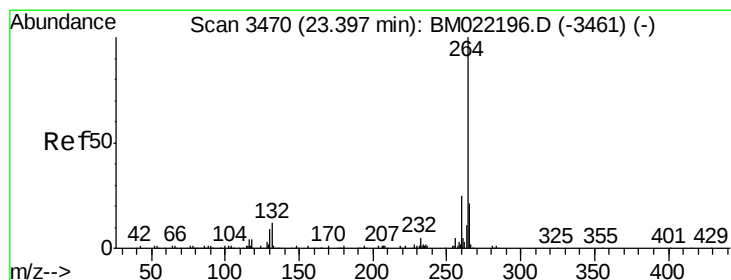
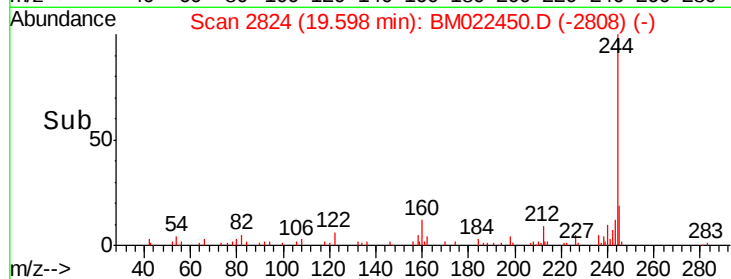
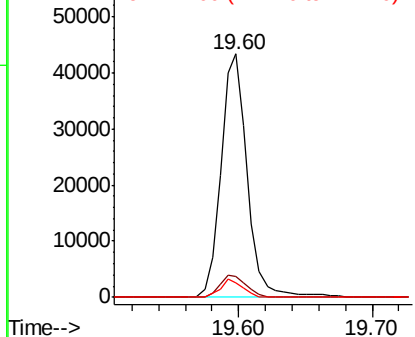


Abundance

Ion 244.00 (243.70 to 244.70): E

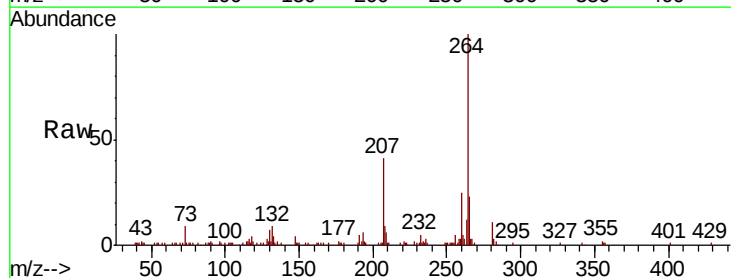
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BM022450.D
 Acq: 30 Aug 2019 20:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	23.0	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

