

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
 Data File : BM020103.D
 Acq On : 02 May 2019 10:49
 Operator : JU/SJ
 Sample : PB119314BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 13:46:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	102586	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	361392	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	212726	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	510903	20.00	ng	0.00
76) Chrysene-d12	21.36	240	450592	20.00	ng	-0.01
87) Perylene-d12	23.64	264	485880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	963480	153.52	ng	0.00
7) Phenol-d6	6.95	99	1312016	153.03	ng	0.00
23) Nitrobenzene-d5	8.95	82	939913	102.68	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	535604	162.21	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1879361	108.70	ng	0.00
79) Terphenyl-d14	19.80	244	2976804	115.23	ng	0.00

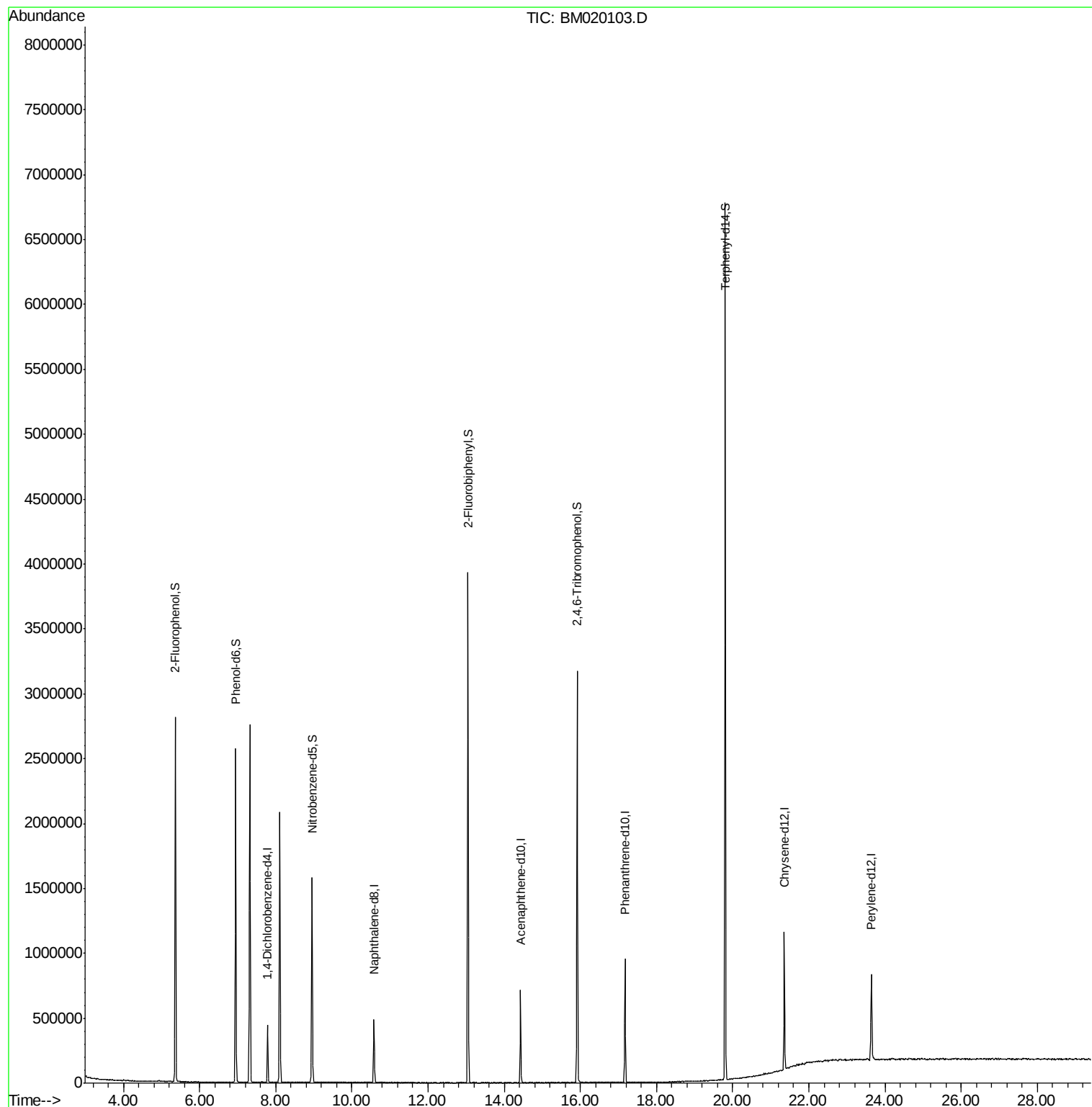
Target Compounds Qvalue

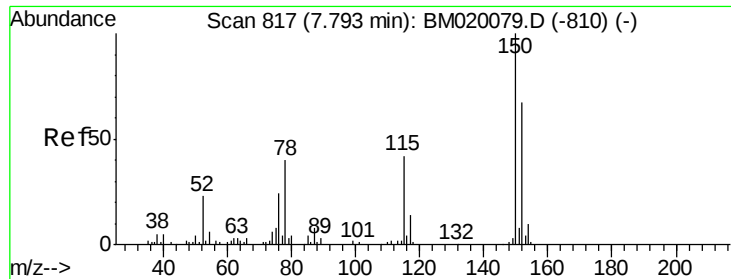
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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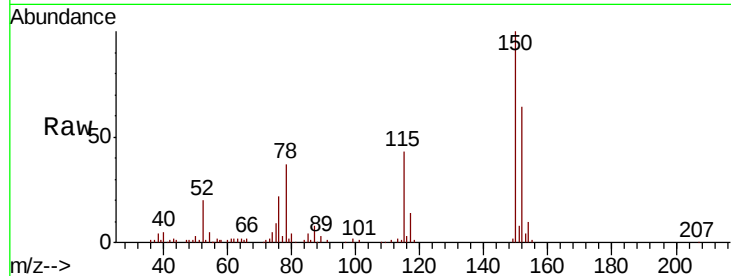


#1

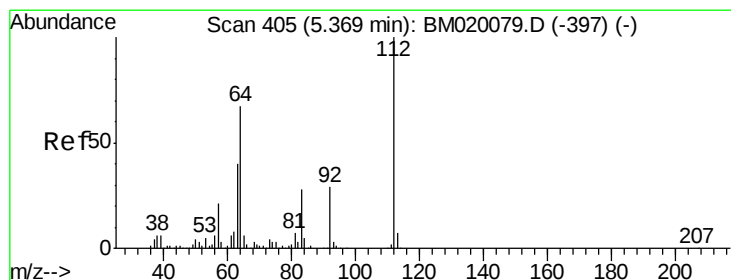
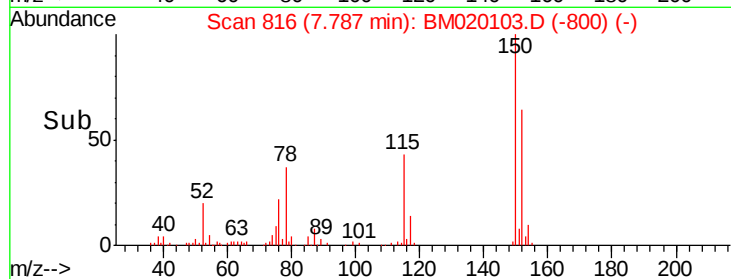
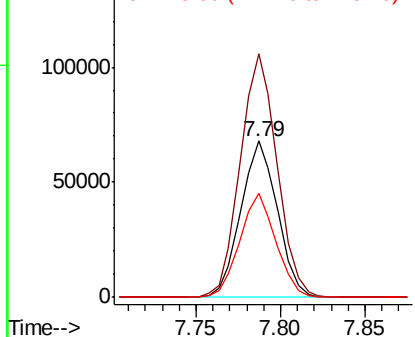
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020103.D
Acq: 02 May 2019 10:49

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 102586
Ion Ratio Lower Upper
152 100
150 155.7 119.8 179.8
115 66.3 50.8 76.2



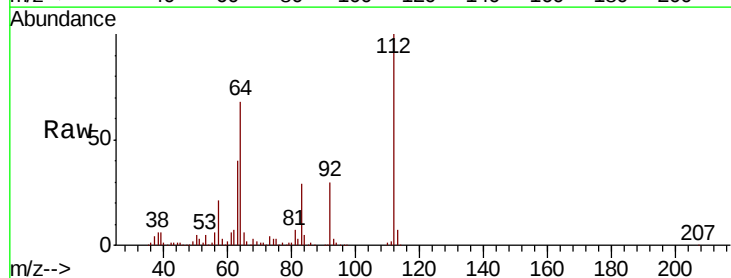
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



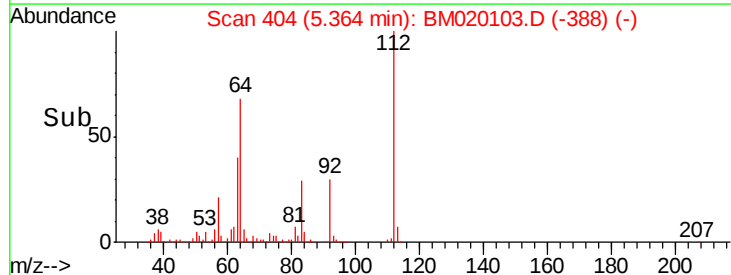
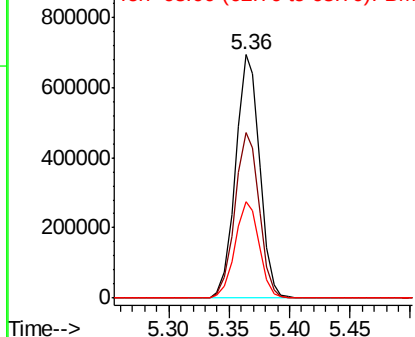
#5

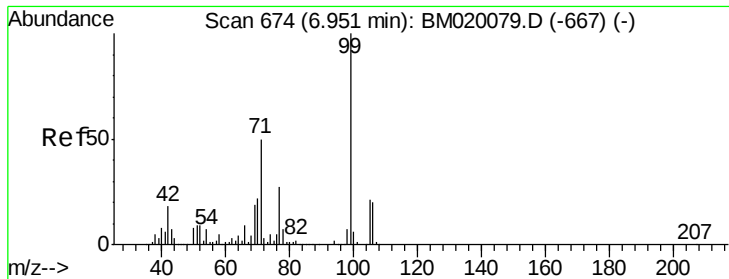
2-Fluorophenol
Concen: 153.520 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020103.D
Acq: 02 May 2019 10:49

Tgt Ion:112 Resp: 963480
Ion Ratio Lower Upper
112 100
64 67.8 53.8 80.6
63 39.6 32.3 48.5



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: 153.026 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020103.D

Acq: 02 May 2019 10:49

Instrument :

BNA_M

ClientSampleId :

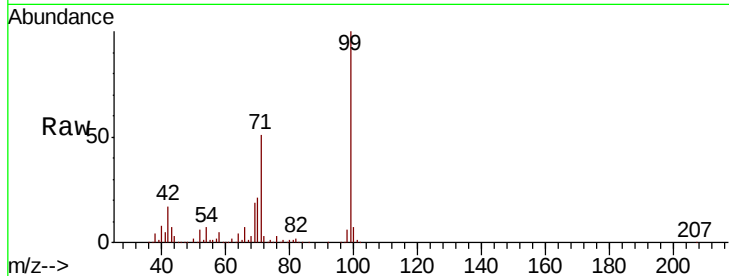
Tot Ion: 99 Resp: 1312016

Ion Ratio Lower Upper

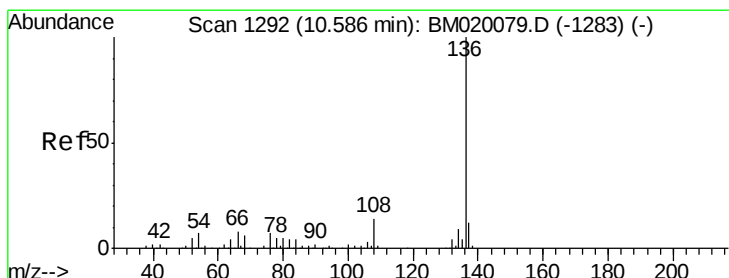
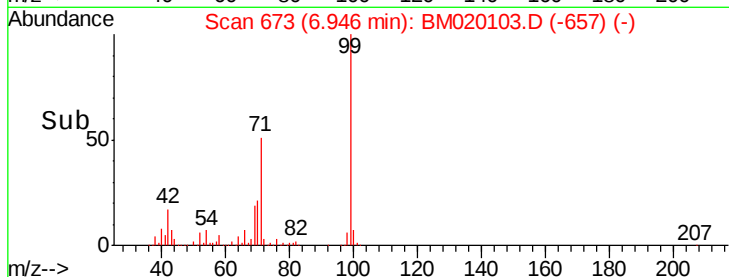
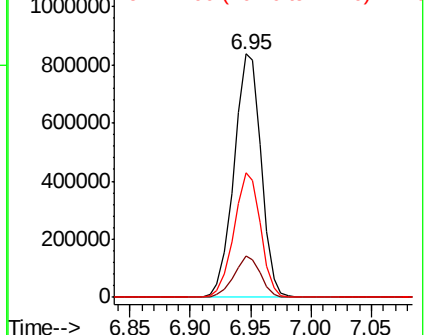
99 100

42 16.9 14.2 21.2

71 51.4 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020103.D

Acq: 02 May 2019 10:49

Tgt Ion: 136 Resp: 361392

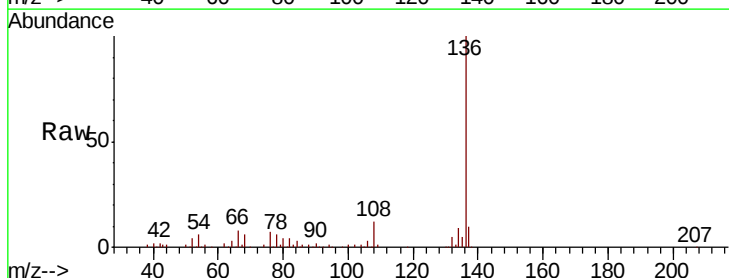
Ion Ratio Lower Upper

136 100

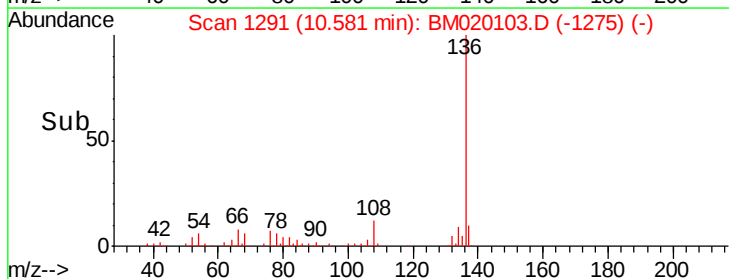
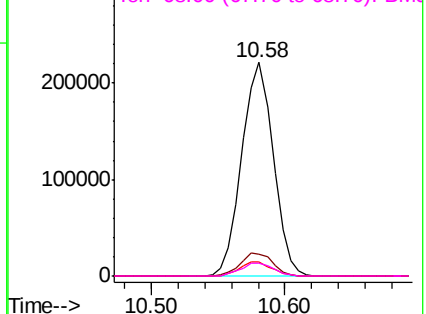
137 10.1 9.6 14.4

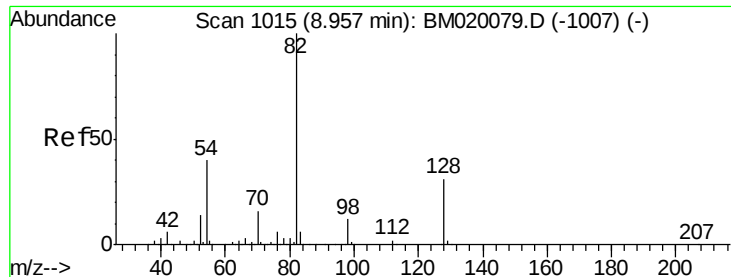
54 6.4 5.5 8.3

68 6.1 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

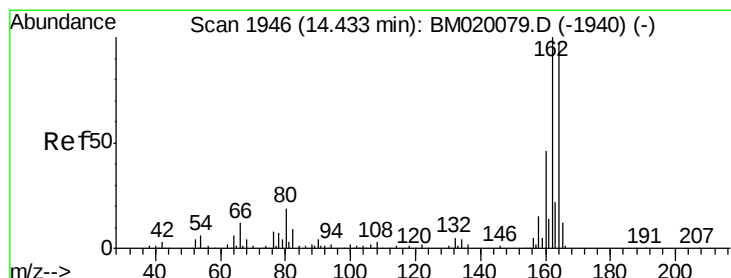
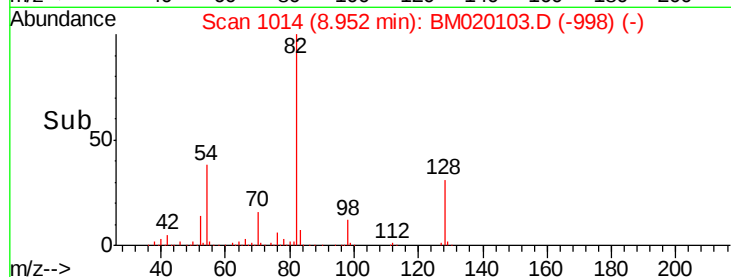
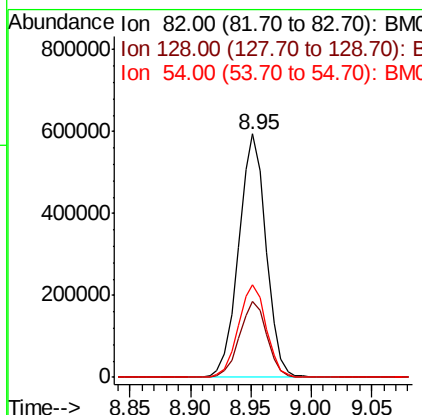
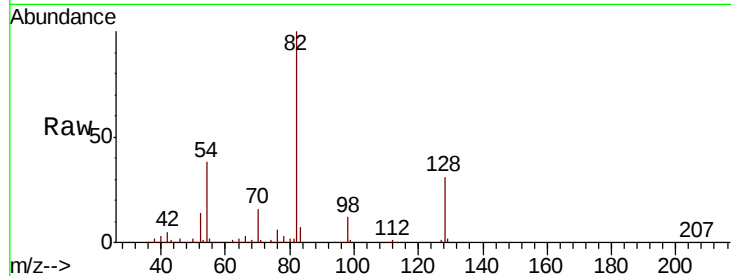




#23
 Nitrobenzene-d5
 Concen: 102.680 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020103.D
 Acq: 02 May 2019 10:49

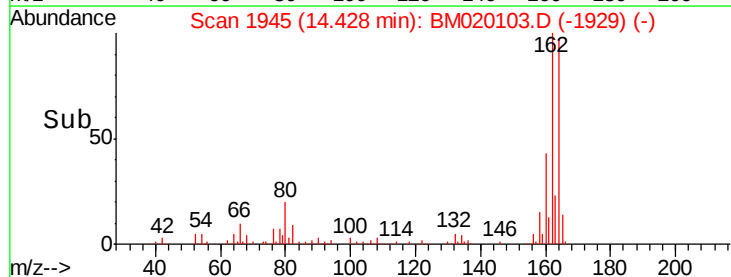
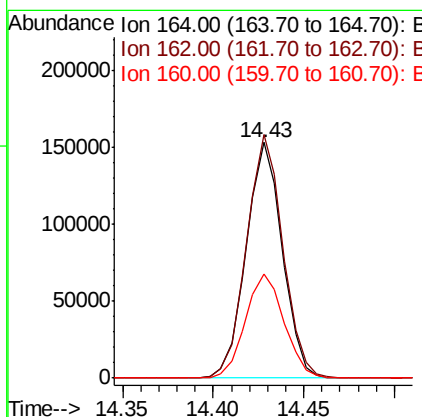
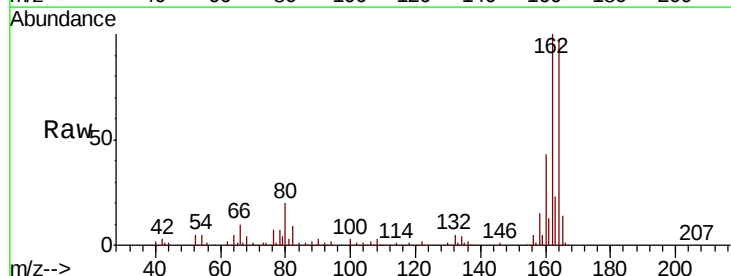
Instrument :
 BNA_M
 ClientSampleId :

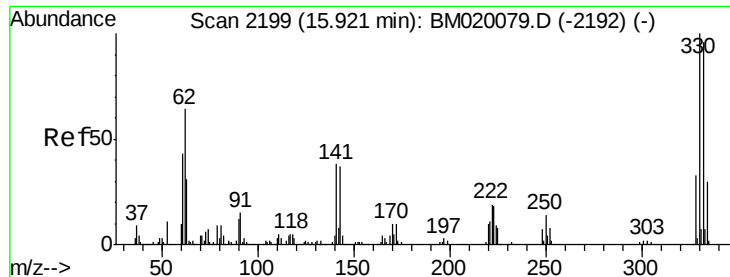
Tot Ion	82	Resp	939913
Ion Ratio	Lower	Upper	
82	100		
128	30.9	25.2	37.8
54	38.1	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM020103.D
 Acq: 02 May 2019 10:49

Tgt Ion	164	Resp	212726
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.2	123.2
160	44.4	37.6	56.4

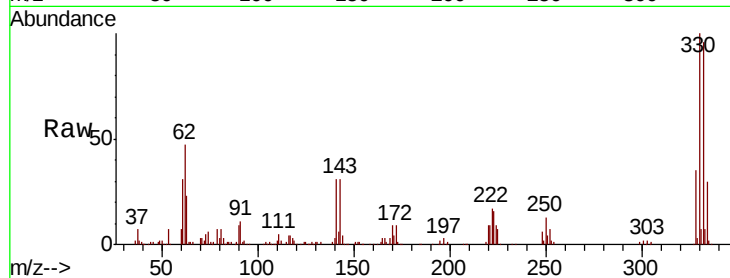




#42
 2,4,6-Tribromophenol
 Concen: 162.210 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BM020103.D
 Acq: 02 May 2019 10:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.8	29.2	43.8

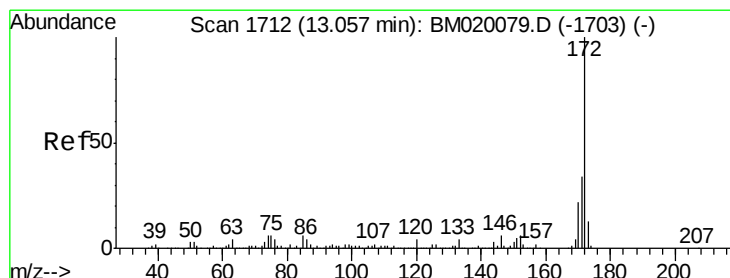
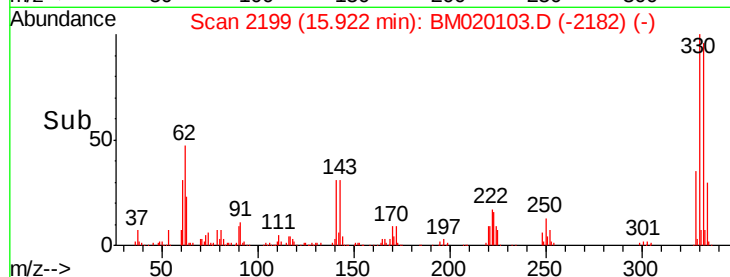
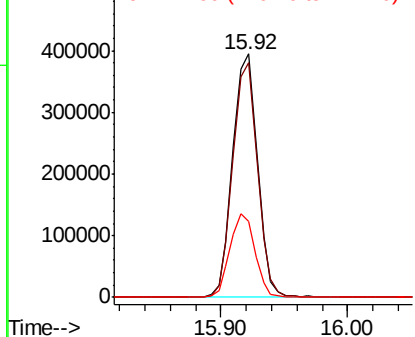


Abundance

Ion 329.80 (329.50 to 330.50): E

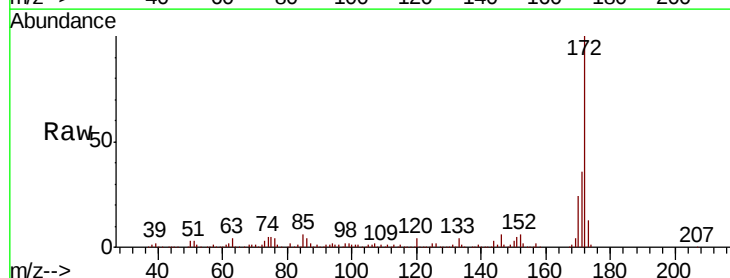
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.698 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020103.D
 Acq: 02 May 2019 10:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.3	40.9
170	23.6	17.9	26.9

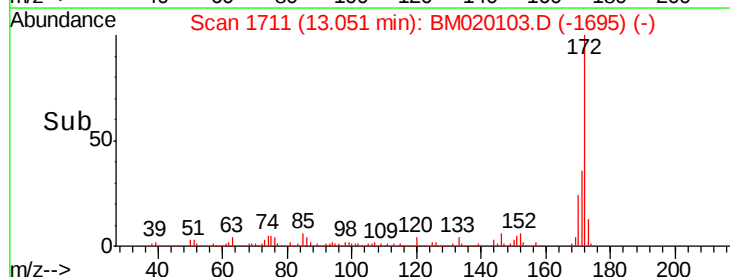
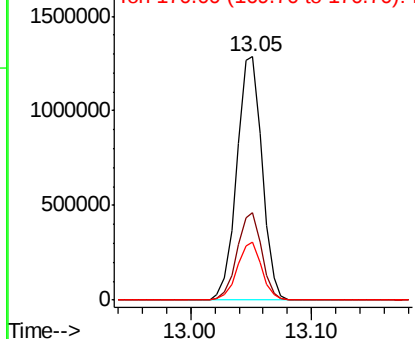


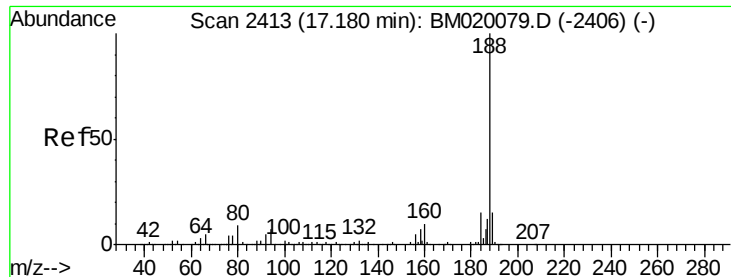
Abundance

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: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020103.D

Acq: 02 May 2019 10:49

Instrument :

BNA_M

ClientSampled :

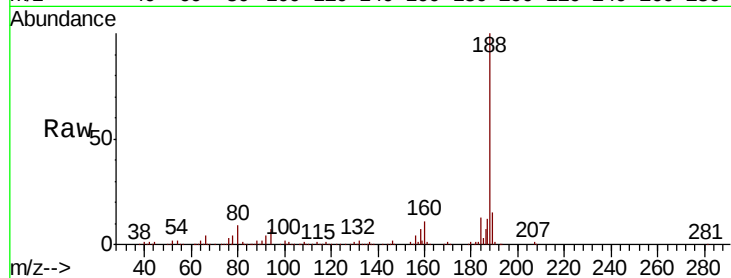
Tot Ion:188 Resp: 510903

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

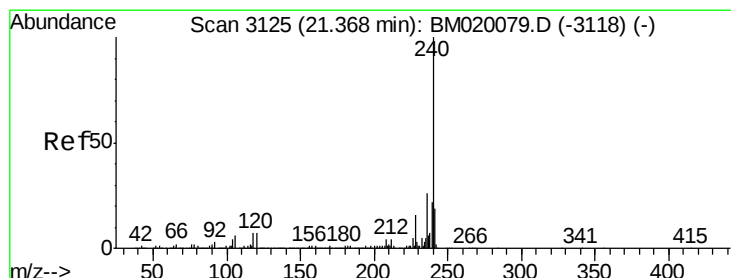
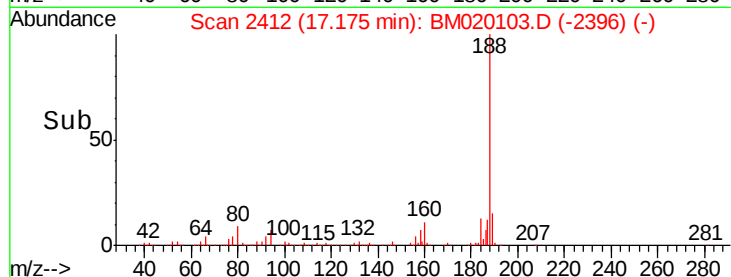
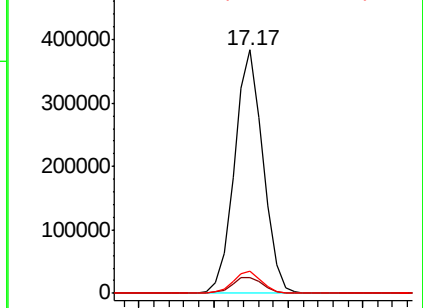
80 8.9 7.4 11.2



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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020103.D

Acq: 02 May 2019 10:49

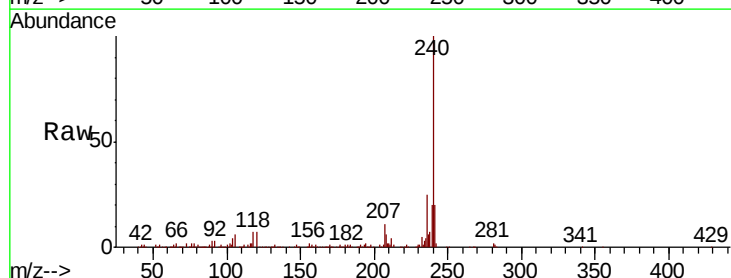
Tgt Ion:240 Resp: 450592

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

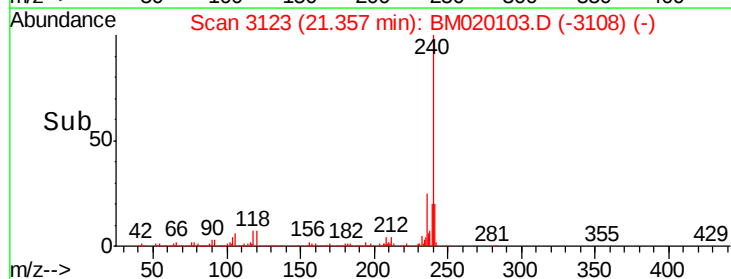
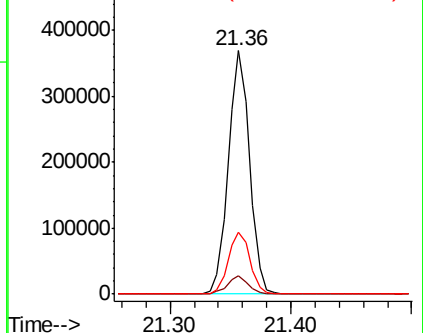
236 25.4 20.9 31.3

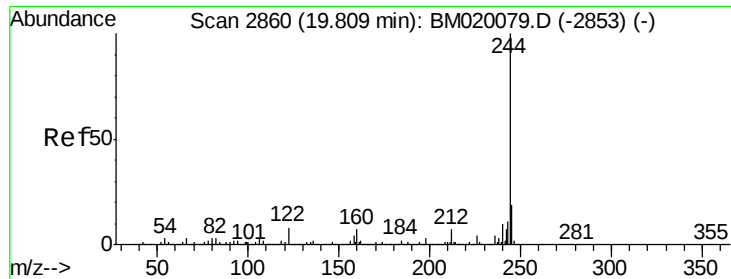


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.231 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020103.D

Acq: 02 May 2019 10:49

Instrument :

BNA_M

ClientSampleId :

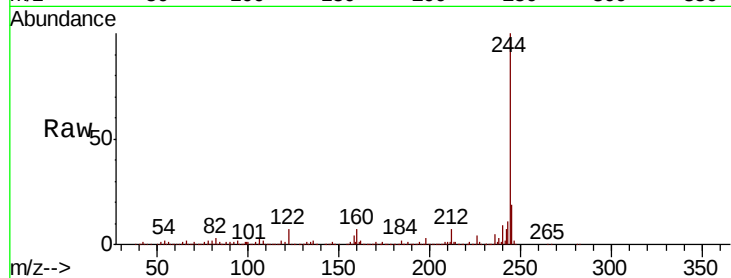
Tot Ion:244 Resp: 2976804

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

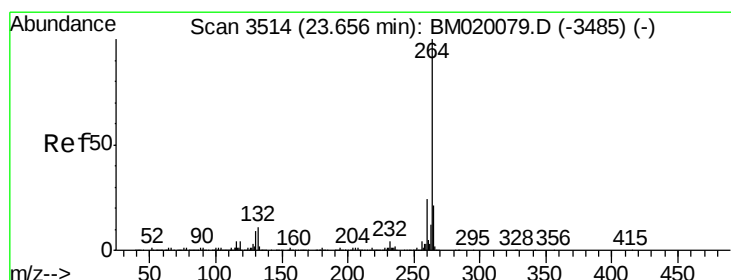
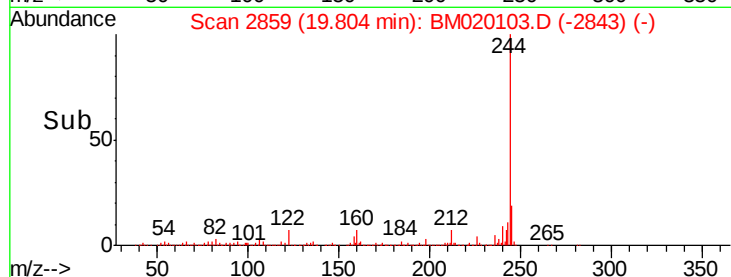
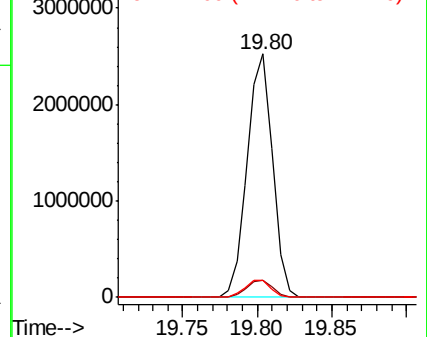
122 7.1 6.2 9.2



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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020103.D

Acq: 02 May 2019 10:49

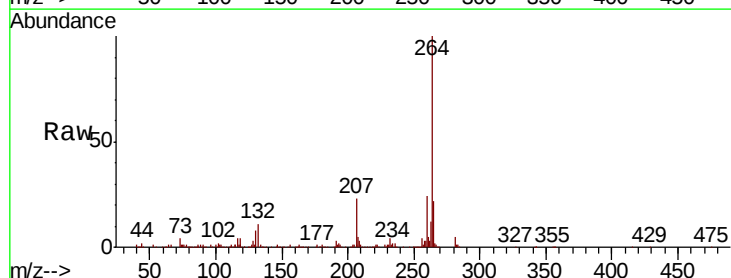
Tgt Ion:264 Resp: 485880

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.1 16.9 25.3



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

