

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020250.D
 Acq On : 10 May 2019 21:54
 Operator : JU/SJ
 Sample : PB119597BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BL

Quant Time: May 11 01:51:29 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	7.77	152	67179	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	256112	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	179645	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	489576	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	559217	20.00	ng	-0.02
87) Perylene-d12	23.64	264	615090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	534633	130.09	ng	-0.01
7) Phenol-d6	6.94	99	749248	133.45	ng	-0.01
23) Nitrobenzene-d5	8.94	82	499448	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	396228	142.10	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	1126076	77.12	ng	-0.02
79) Terphenyl-d14	19.79	244	2517224	78.51	ng	-0.02

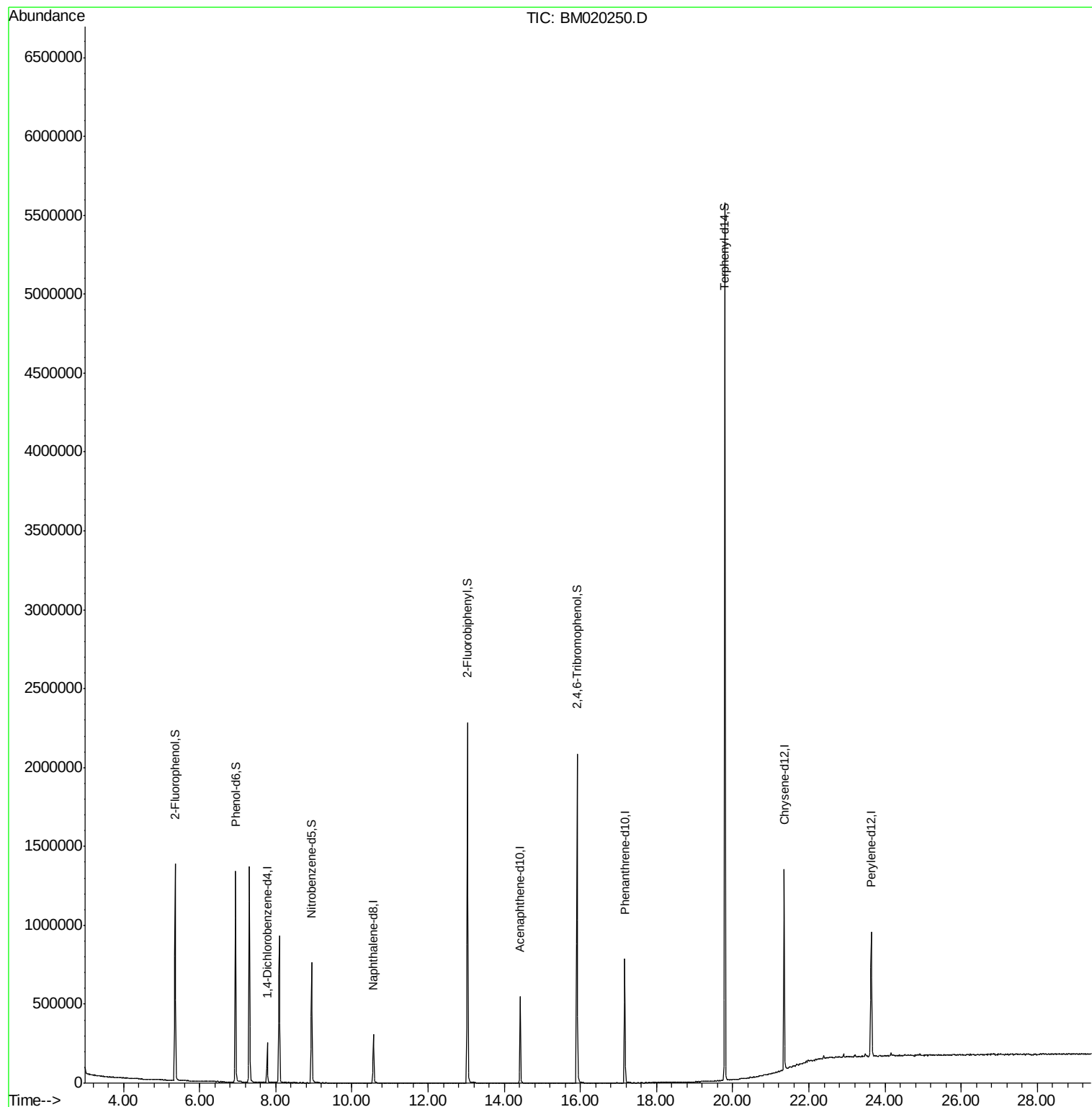
Target Compounds Qvalue

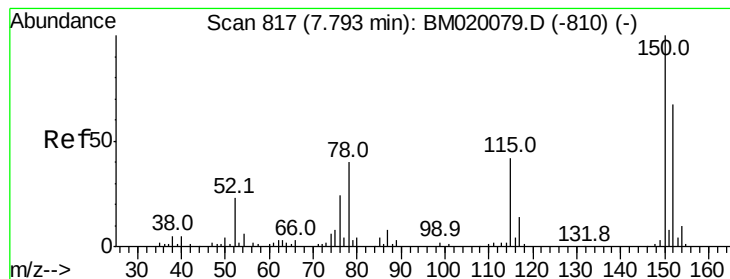
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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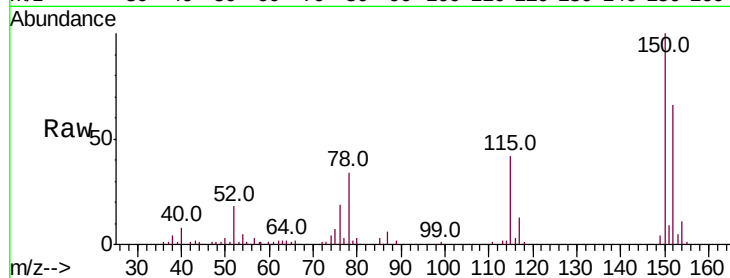


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.77 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020250.D
 Acq: 10 May 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.8	179.8
115	62.8	50.8	76.2

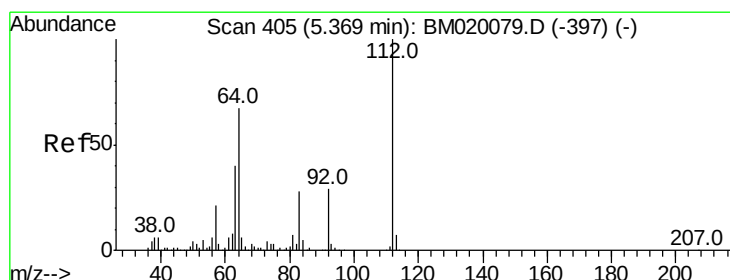
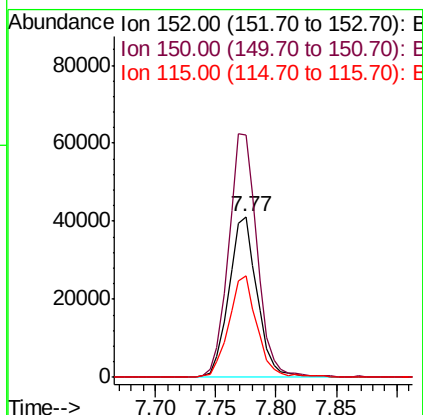
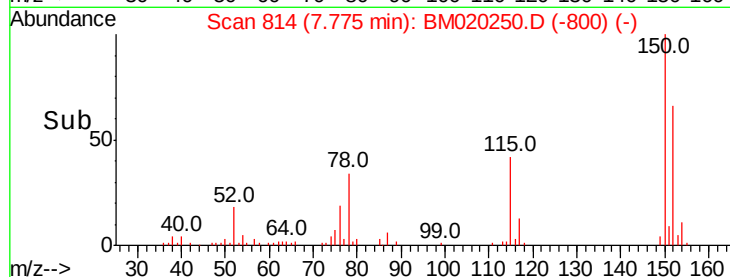


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

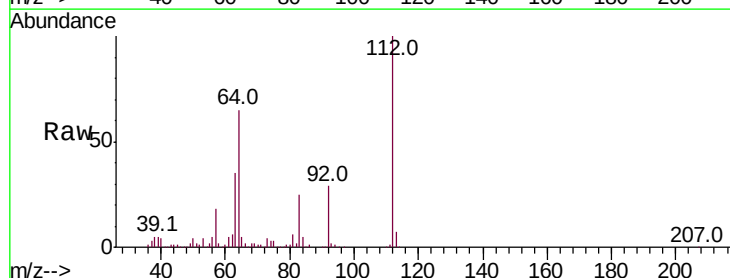
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 130.086 ng
 RT: 5.36 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM020250.D
 Acq: 10 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.8	80.6
63	34.9	32.3	48.5

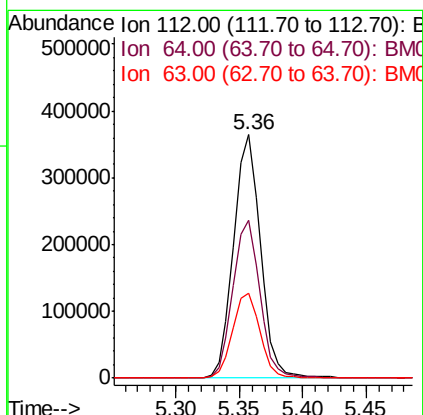
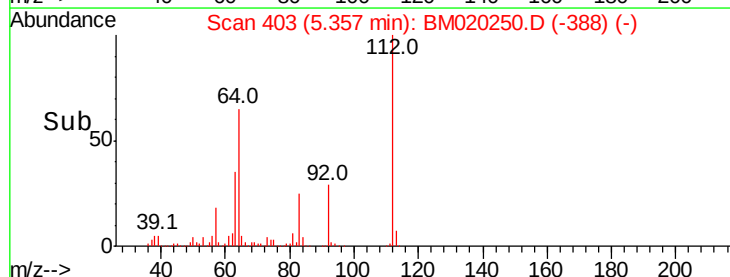


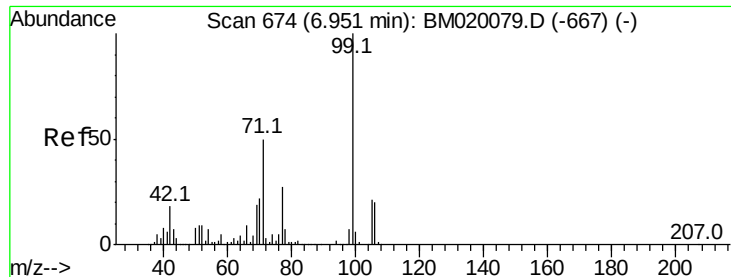
Abundance

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: 133.446 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020250.D

Acq: 10 May 2019 21:54

Instrument :

BNA_M

ClientSampleId :

PB119597BL

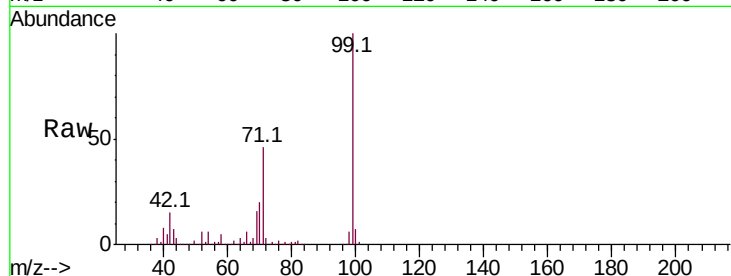
Tot Ion: 99 Resp: 749248

Ion Ratio Lower Upper

99 100

42 15.1 14.2 21.2

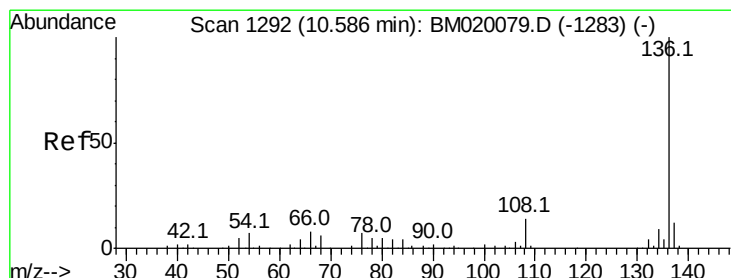
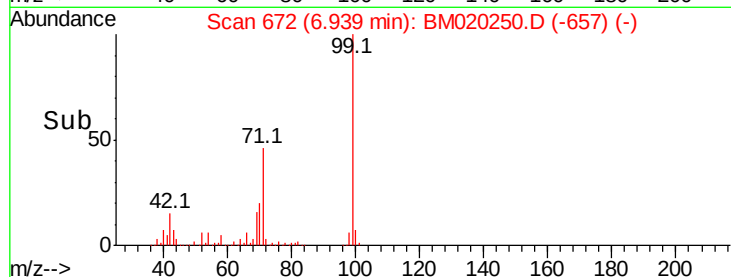
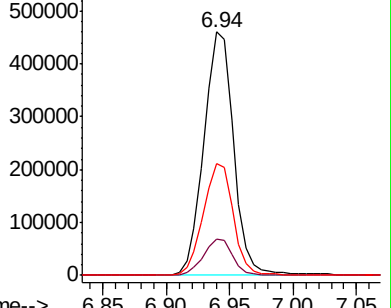
71 46.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BM020250.D

Acq: 10 May 2019 21:54

Tgt Ion: 136 Resp: 256112

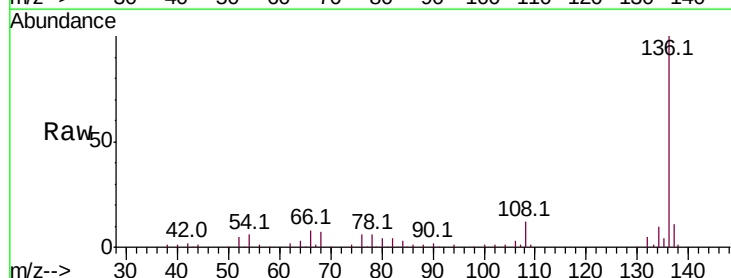
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 5.8 5.5 8.3

68 6.7 4.6 6.8

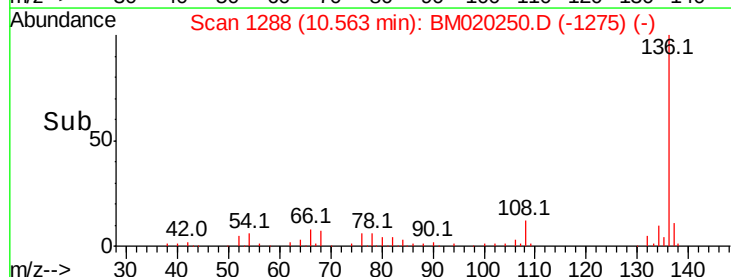
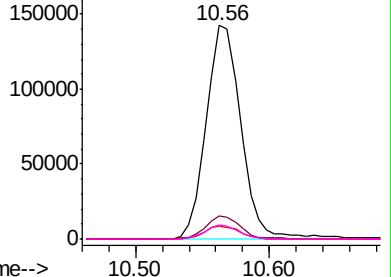


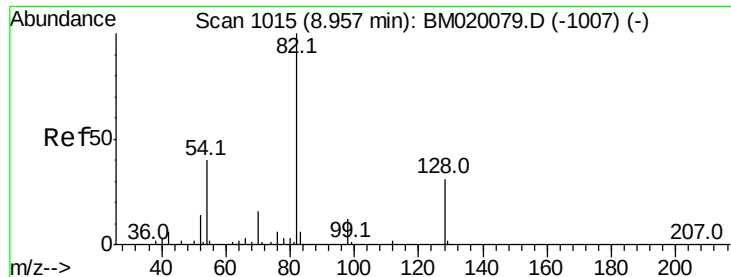
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

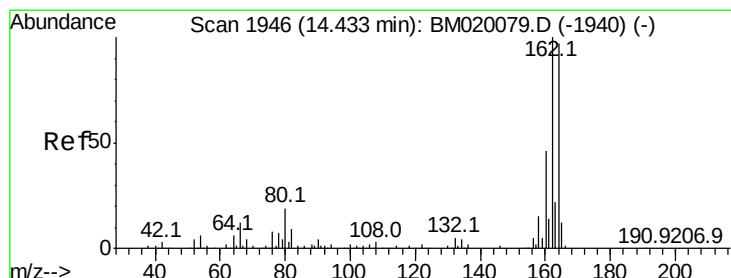
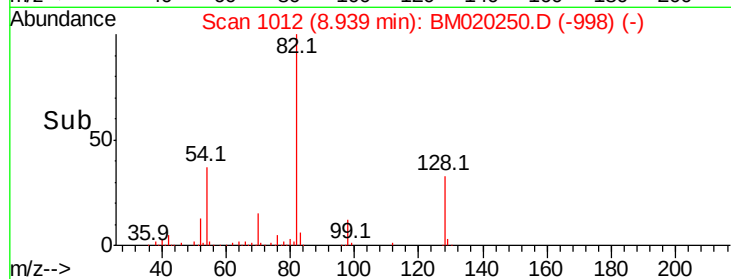
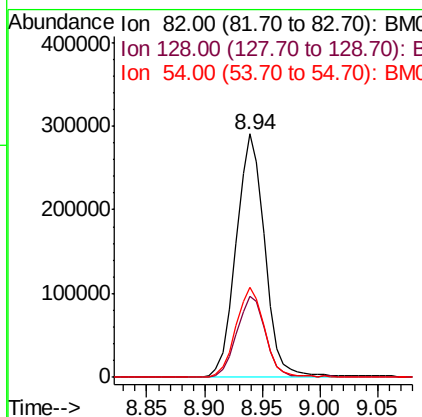
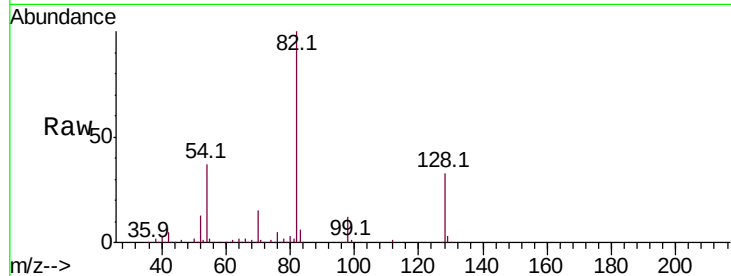




#23
Nitrobenzene-d5
Concen: 76.991 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020250.D
Acq: 10 May 2019 21:54

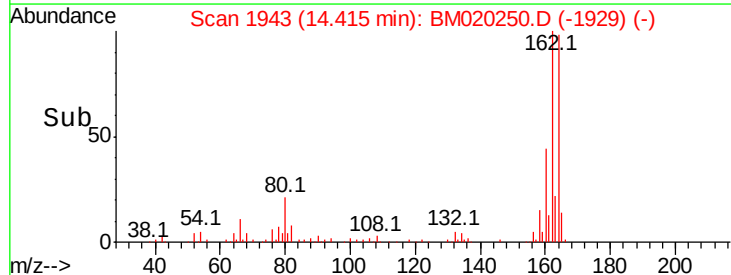
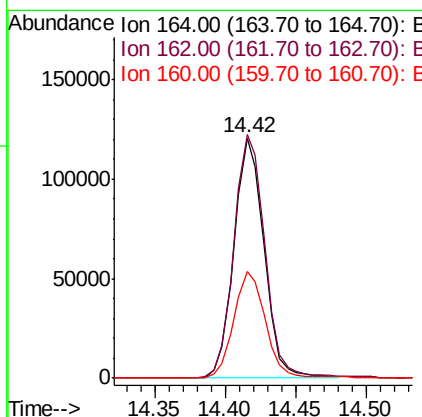
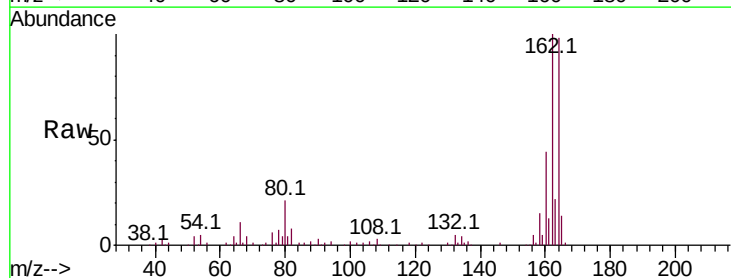
Instrument :
BNA_M
ClientSampleId :
PB119597BL

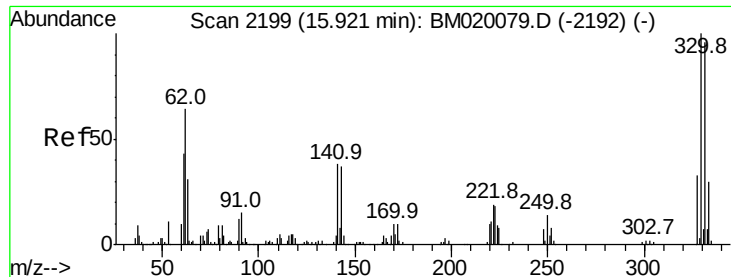
Tot Ion	82	Resp	499448
Ion Ratio	Lower	Upper	
82	100		
128	33.4	25.2	37.8
54	37.2	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020250.D
Acq: 10 May 2019 21:54

Tgt Ion	164	Resp	179645
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.2	123.2
160	44.5	37.6	56.4

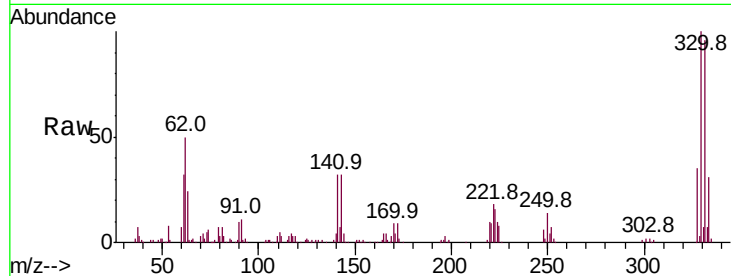




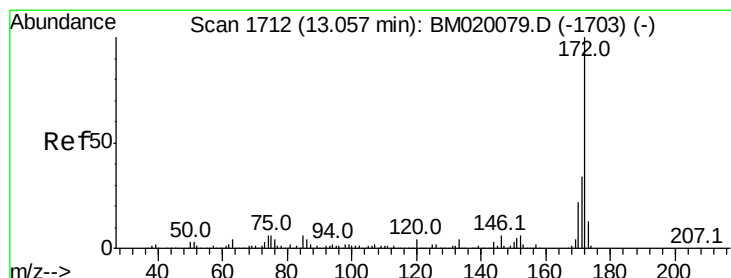
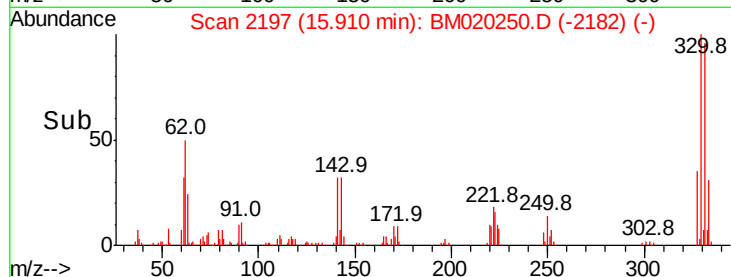
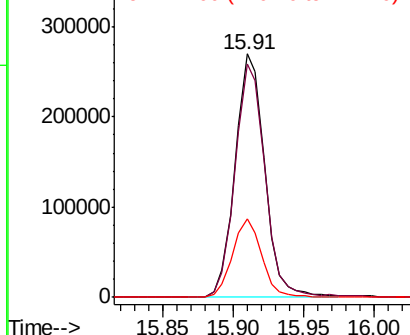
#42
 2,4,6-Tribromophenol
 Concen: 142.097 ng
 RT: 15.91 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BM020250.D
 Acq: 10 May 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	32.1	29.2	43.8

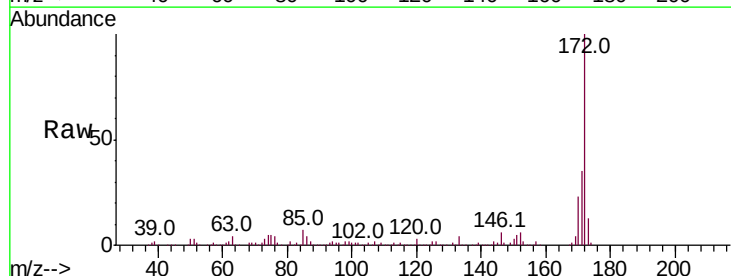


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

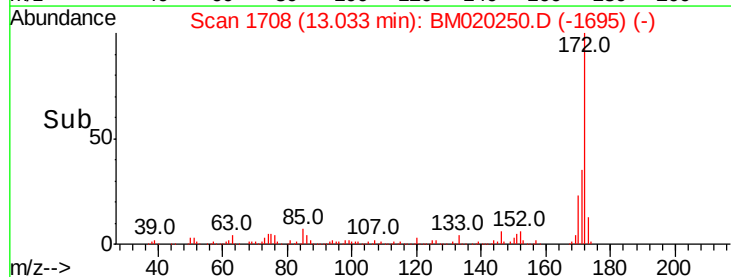
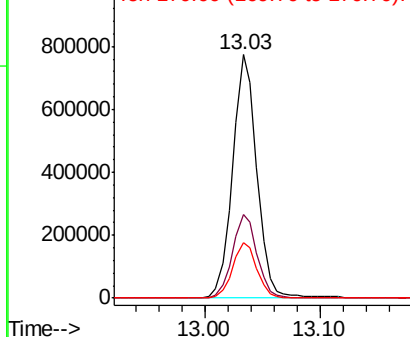


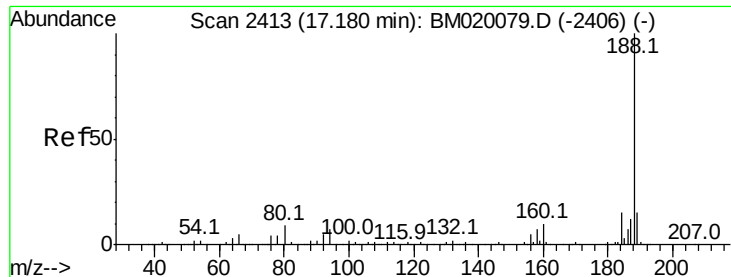
#45
 2-Fluorobiphenyl
 Concen: 77.123 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM020250.D
 Acq: 10 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.3	40.9
170	22.8	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

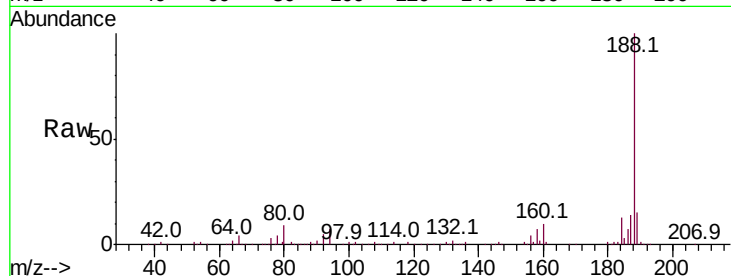




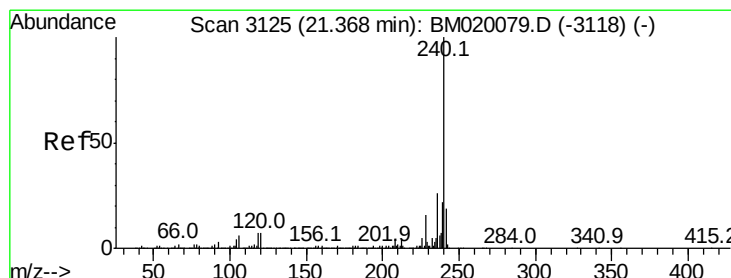
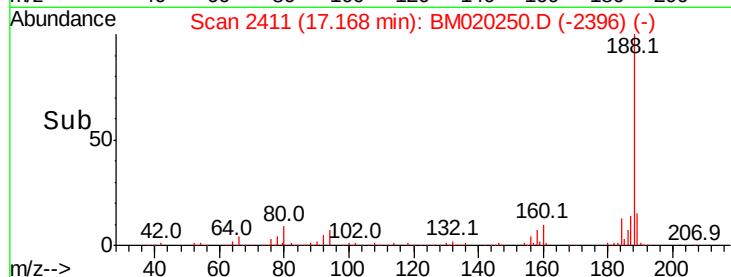
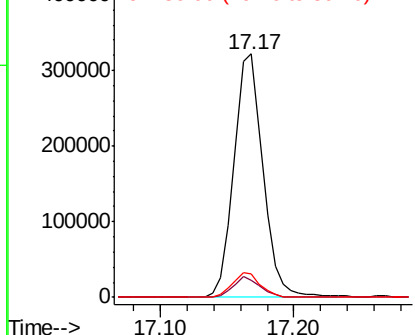
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.17 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BM020250.D
 Acq: 10 May 2019 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BL

Tot Ion:188 Resp: 489576
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.8 8.6
 80 9.5 7.4 11.2

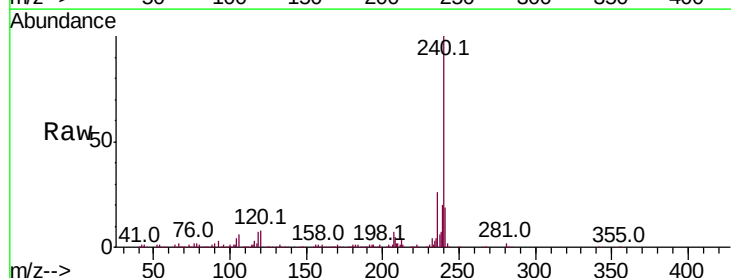


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

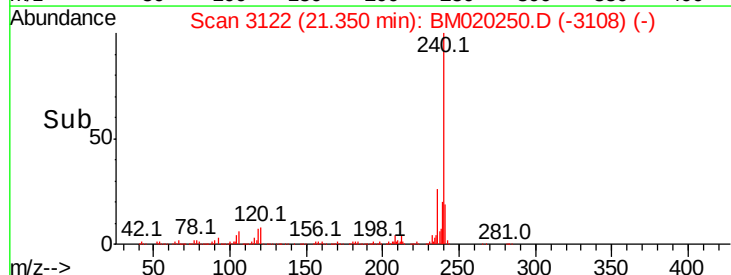
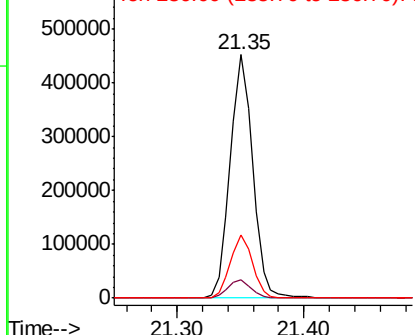


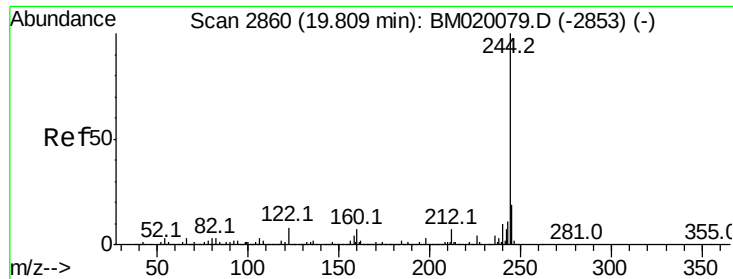
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.35 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BM020250.D
 Acq: 10 May 2019 21:54

Tgt Ion:240 Resp: 559217
 Ion Ratio Lower Upper
 240 100
 120 7.8 5.6 8.4
 236 26.0 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: 78.513 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020250.D

Acq: 10 May 2019 21:54

Instrument :

BNA_M

ClientSampled :

PB119597BL

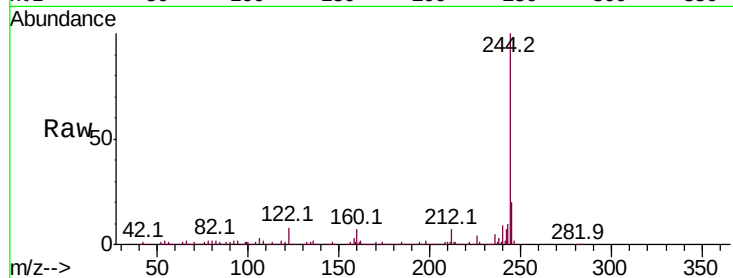
Tot Ion:244 Resp: 2517224

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

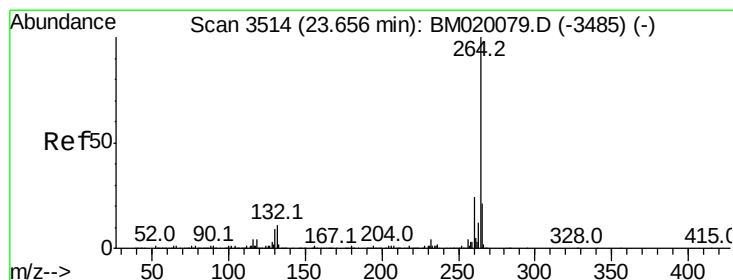
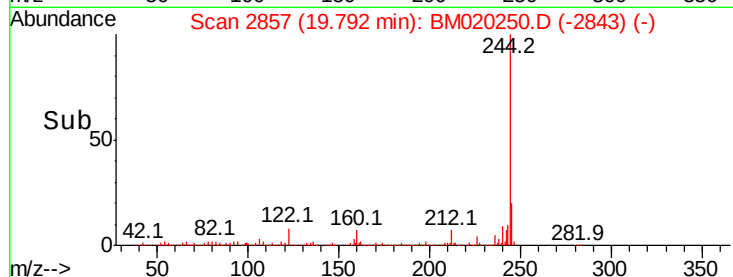
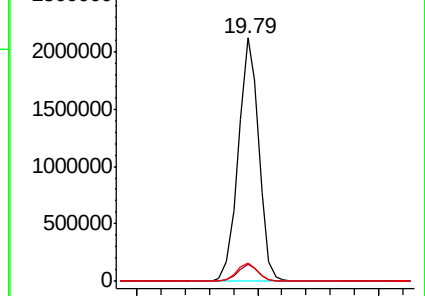
122 7.7 6.2 9.2



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# 3511

Delta R.T. -0.02 min

Lab File: BM020250.D

Acq: 10 May 2019 21:54

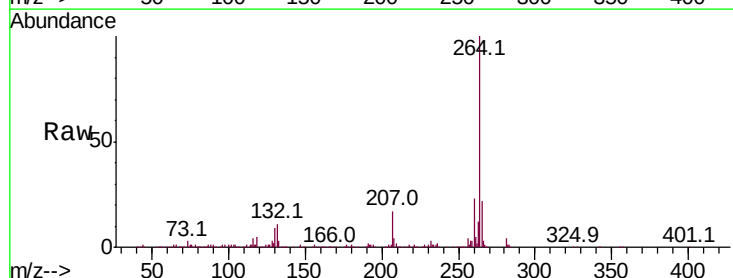
Tgt Ion:264 Resp: 615090

Ion Ratio Lower Upper

264 100

260 22.9 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

