

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
 Data File : BM020341.D
 Acq On : 14 May 2019 20:20
 Operator : JU/SJ
 Sample : PB119718BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BL

Quant Time: May 15 03:50:47 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	7.76	152	52822	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	168786	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	107342	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	256512	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	292835	20.00	ng	-0.02
87) Perylene-d12	23.63	264	342205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	254620	78.79	ng	-0.03
7) Phenol-d6	6.93	99	299314	67.80	ng	-0.02
23) Nitrobenzene-d5	8.92	82	322065	75.33	ng	-0.04
42) 2,4,6-Tribromophenol	15.90	330	123689	74.24	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	661972	75.88	ng	-0.04
79) Terphenyl-d14	19.79	244	1140112	67.91	ng	-0.02

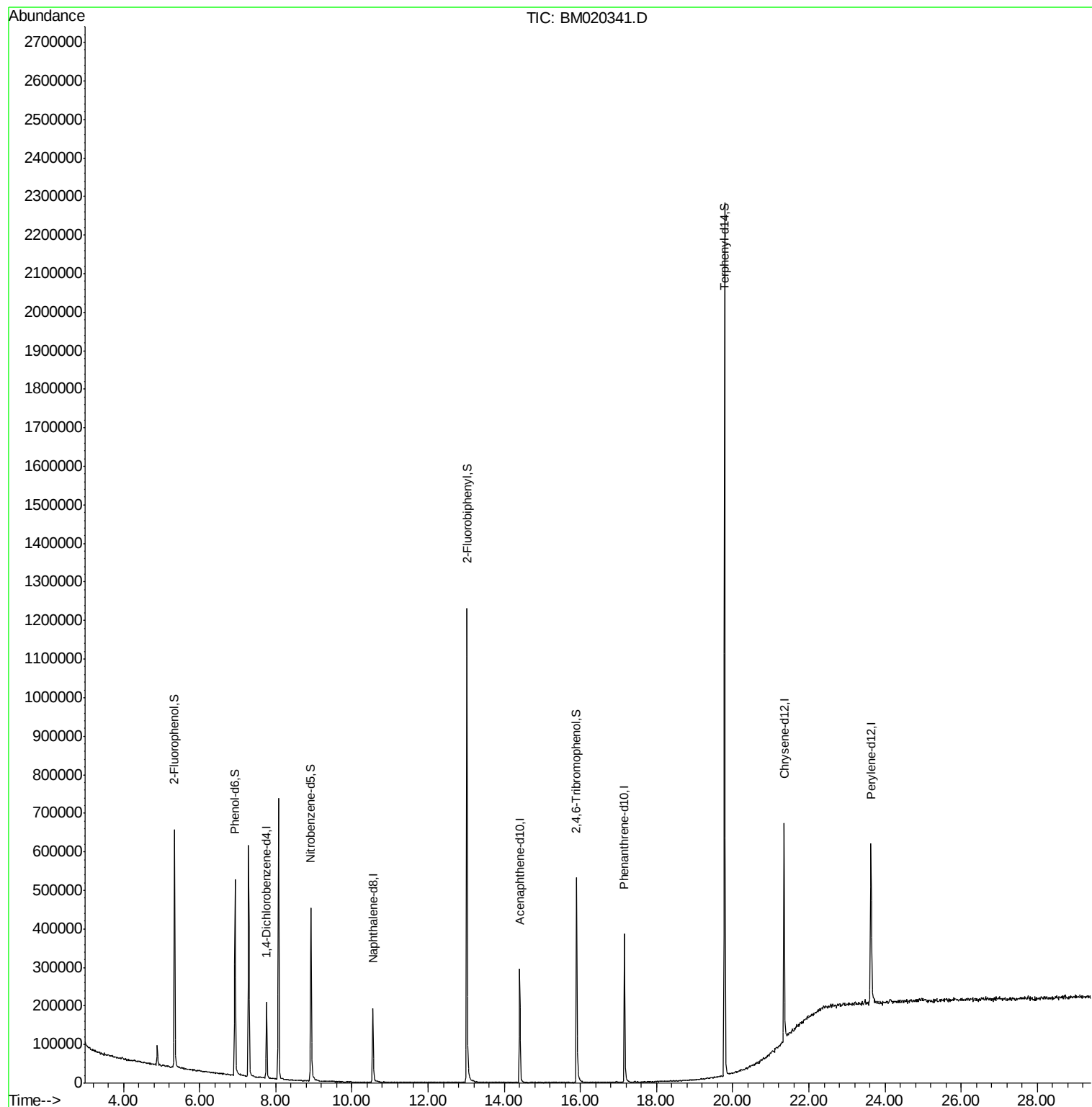
Target Compounds	Qvalue
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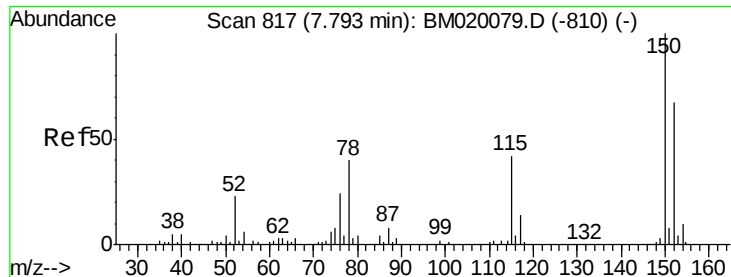
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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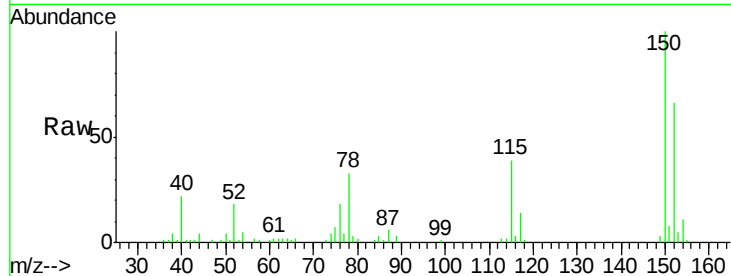


#1

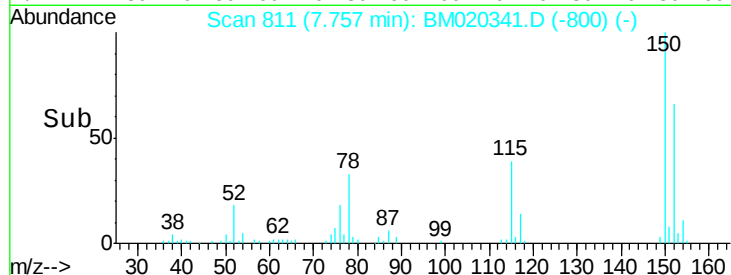
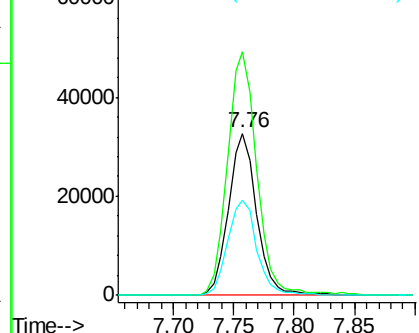
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020341.D
Acq: 14 May 2019 20:20

Instrument :
BNA_M
ClientSampleId :
PB119718BL

Tgt Ion:152 Resp: 52822
Ion Ratio Lower Upper
152 100
150 150.5 119.8 179.8
115 59.0 50.8 76.2



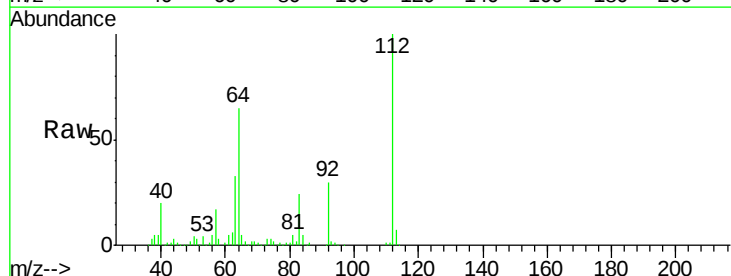
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



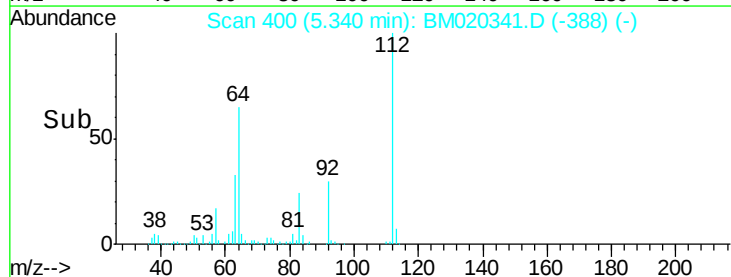
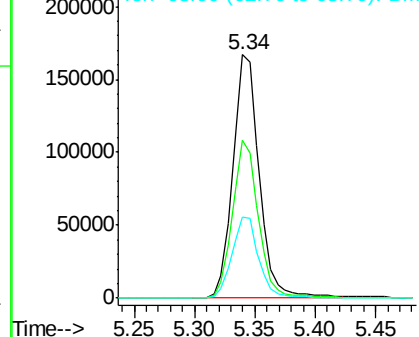
#5

2-Fluorophenol
Concen: 78.793 ng
RT: 5.34 min Scan# 400
Delta R.T. -0.03 min
Lab File: BM020341.D
Acq: 14 May 2019 20:20

Tgt Ion:112 Resp: 254620
Ion Ratio Lower Upper
112 100
64 64.7 53.8 80.6
63 33.5 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: 67.799 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020341.D

Acq: 14 May 2019 20:20

Instrument :

BNA_M

ClientSampleId :

PB119718BL

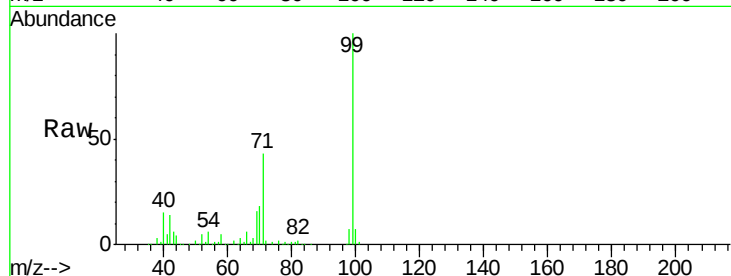
Tgt Ion: 99 Resp: 299314

Ion Ratio Lower Upper

99 100

42 14.0 14.2 21.2#

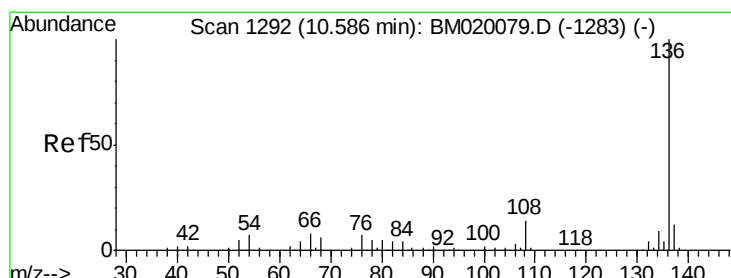
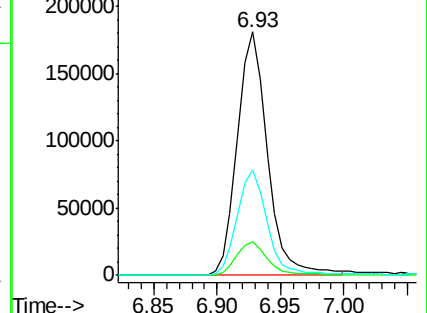
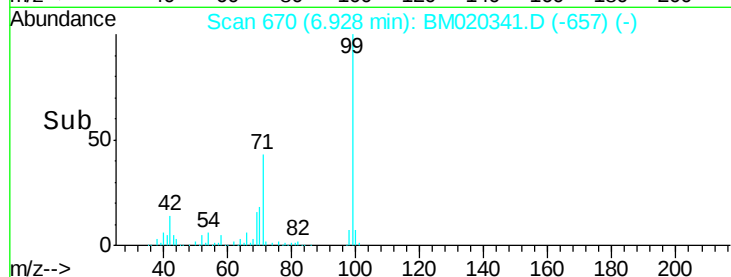
71 43.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020341.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020341.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020341.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020341.D

Acq: 14 May 2019 20:20

Tgt Ion: 136 Resp: 168786

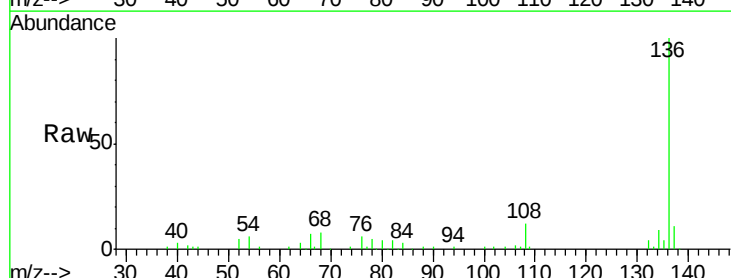
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 6.2 5.5 8.3

68 7.6 4.6 6.8#

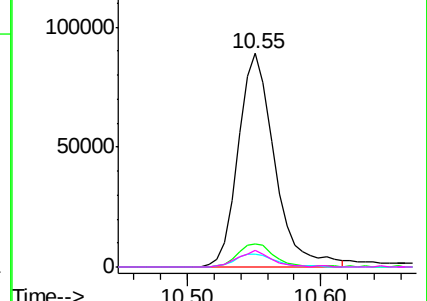
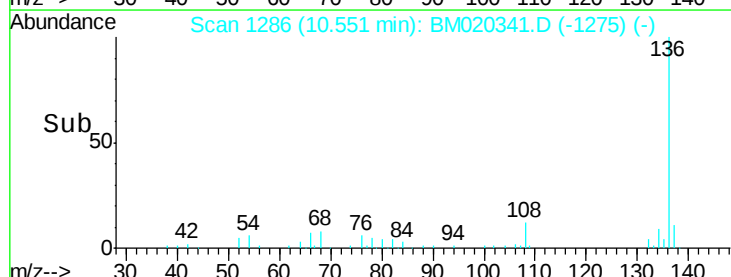


Abundance Ion 136.00 (135.70 to 136.70): BM020341.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020341.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020341.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020341.D (-1275) (-)

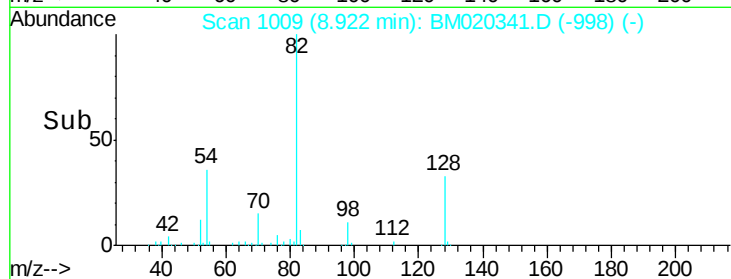
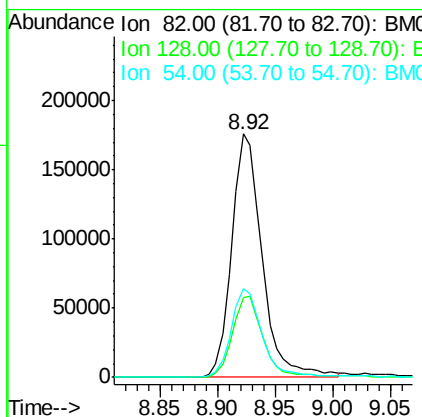
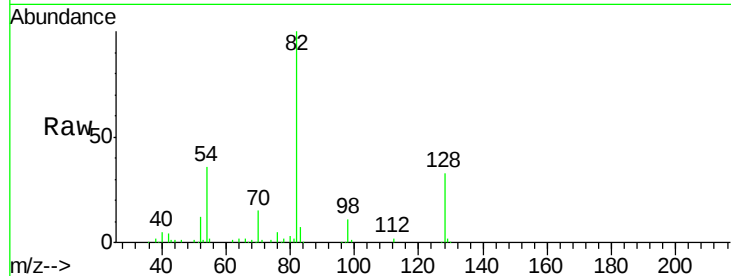




#23
 Nitrobenzene-d5
 Concen: 75.333 ng
 RT: 8.92 min Scan# 1009
 Delta R.T. -0.04 min
 Lab File: BM020341.D
 Acq: 14 May 2019 20:20

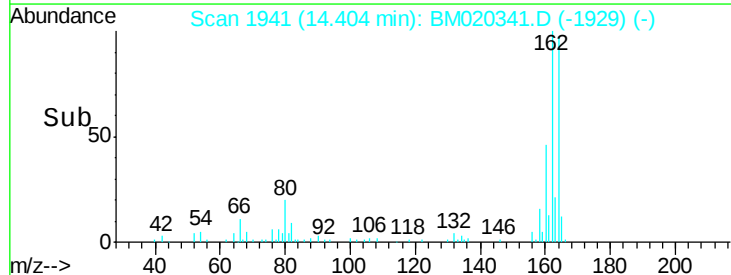
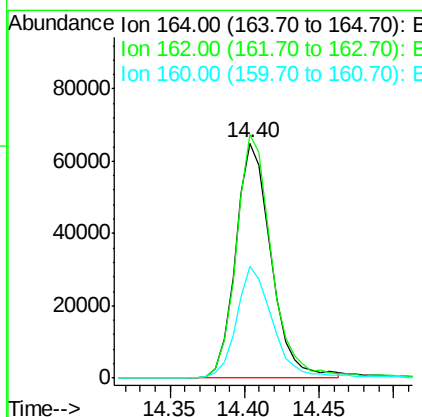
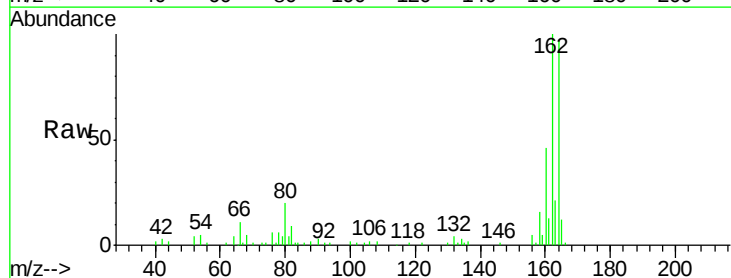
Instrument :
 BNA_M
 ClientSampleId :
 PB119718BL

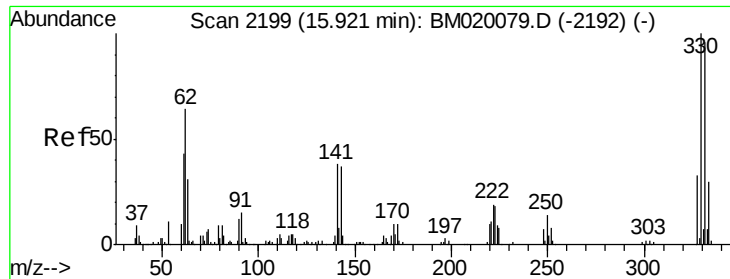
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.2	37.8
54	36.4	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: BM020341.D
 Acq: 14 May 2019 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.2
160	47.4	37.6	56.4

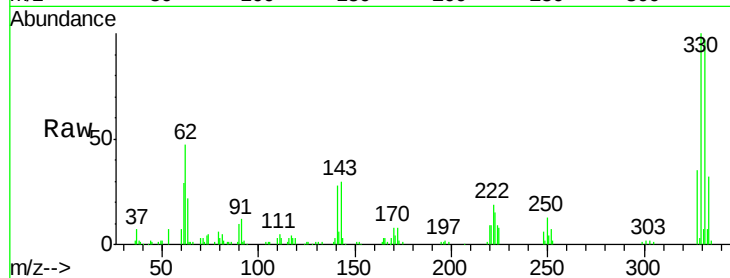




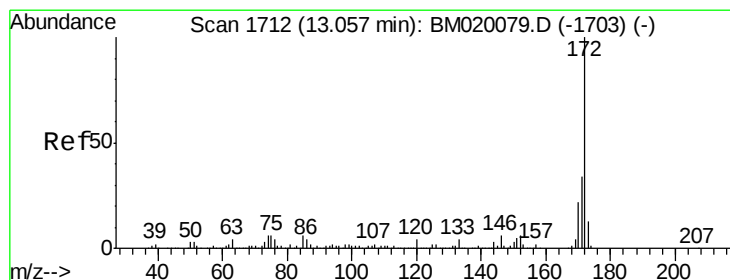
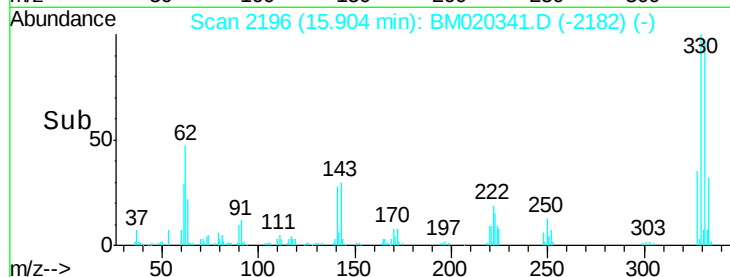
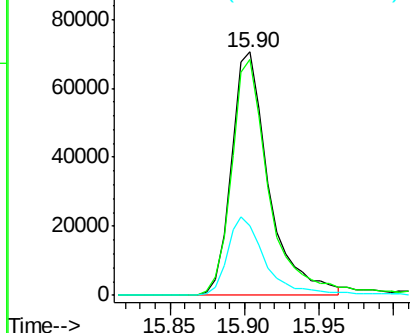
#42
 2,4,6-Tribromophenol
 Concen: 74.236 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020341.D
 Acq: 14 May 2019 20:20

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	31.9	29.2	43.8

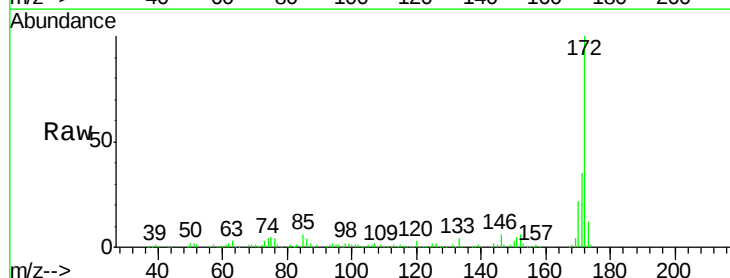


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

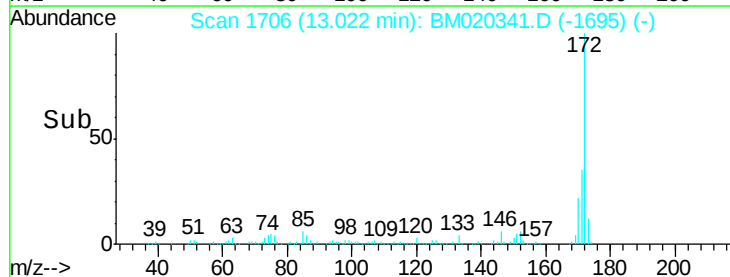
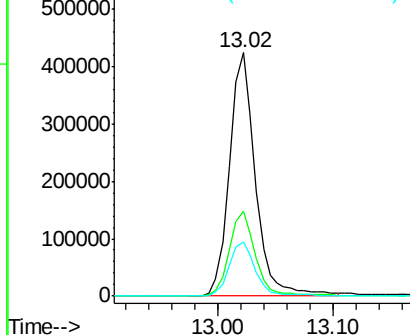


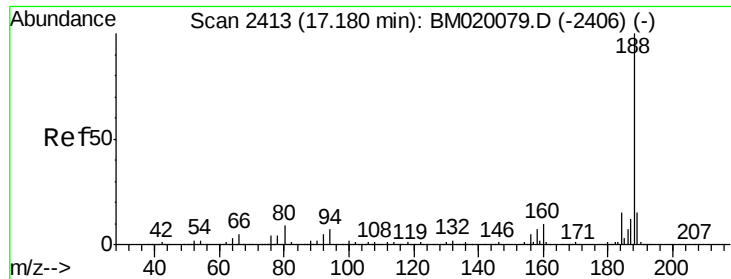
#45
 2-Fluorobiphenyl
 Concen: 75.876 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020341.D
 Acq: 14 May 2019 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.3	40.9
170	22.4	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

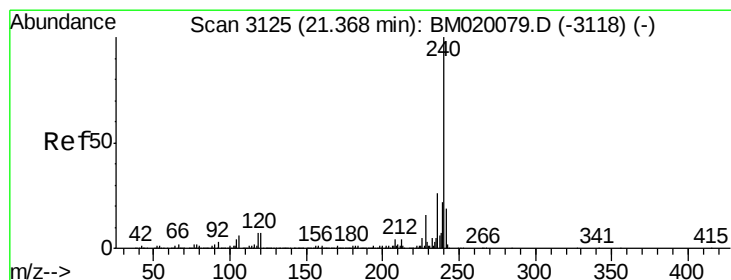
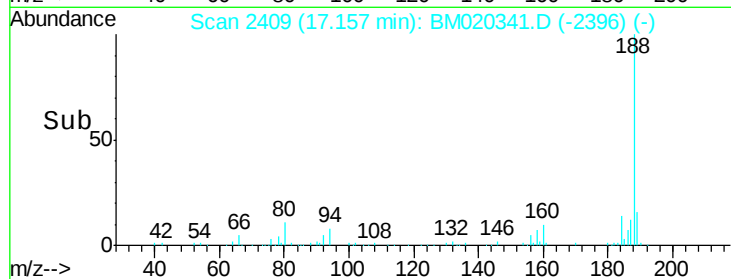
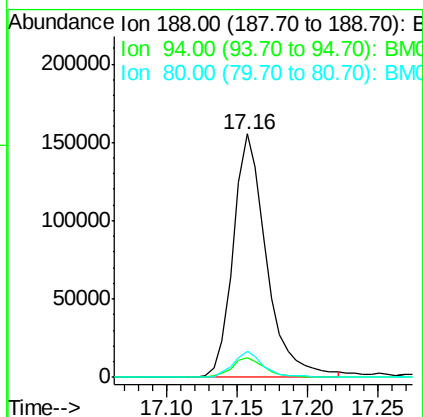
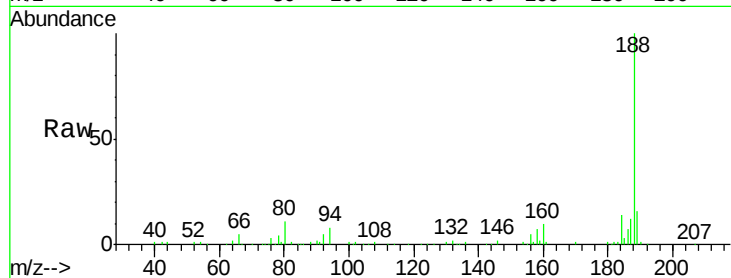




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020341.D
Acq: 14 May 2019 20:20

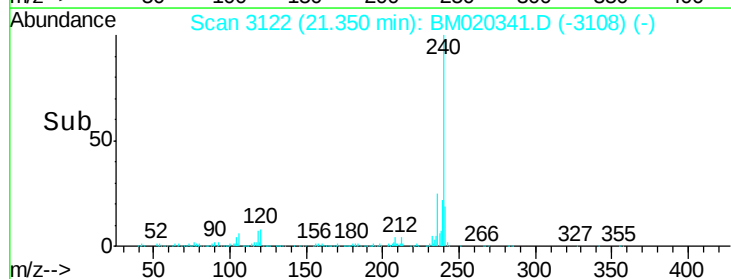
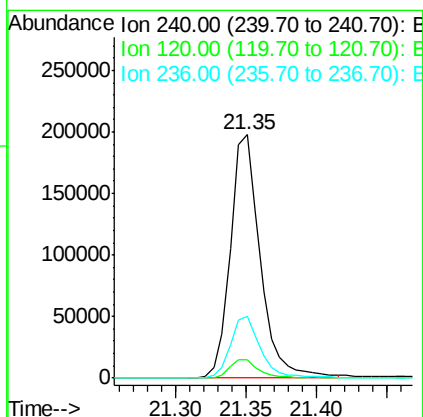
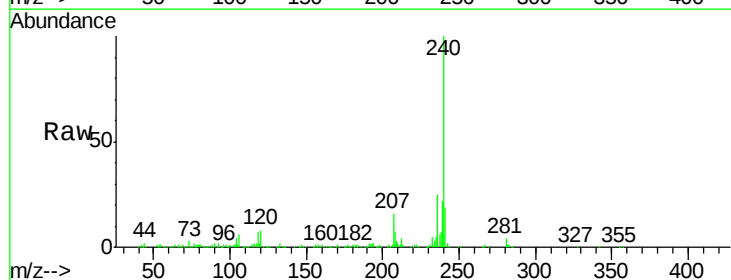
Instrument :
BNA_M
ClientSampleId :
PB119718BL

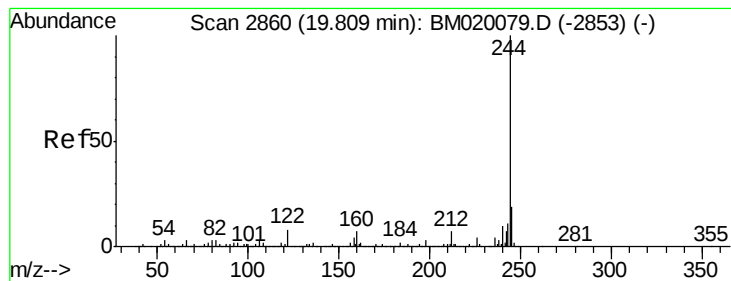
Tgt Ion:188 Resp: 256512
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 10.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020341.D
Acq: 14 May 2019 20:20

Tgt Ion:240 Resp: 292835
Ion Ratio Lower Upper
240 100
120 7.7 5.6 8.4
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 67.909 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020341.D

Acq: 14 May 2019 20:20

Instrument :

BNA_M

ClientSampleId :

PB119718BL

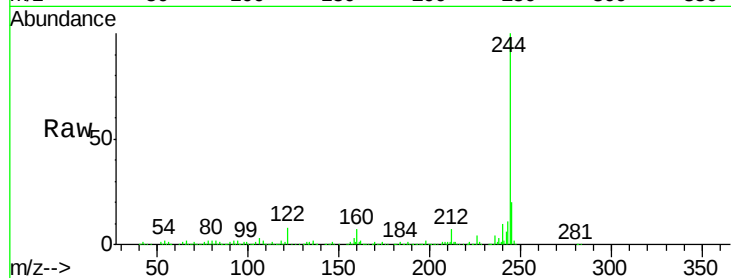
Tgt Ion:244 Resp: 1140112

Ion Ratio Lower Upper

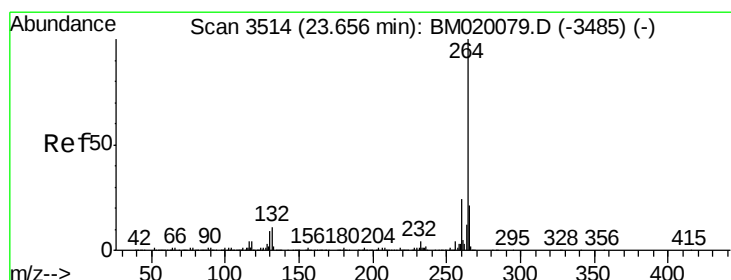
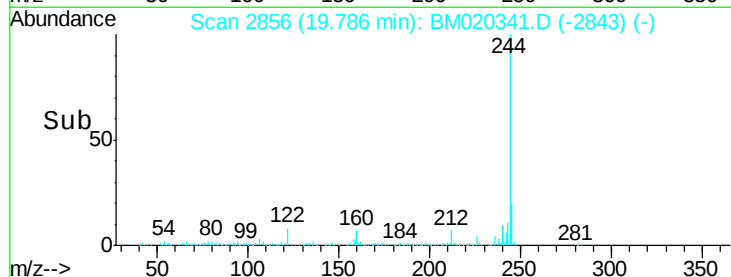
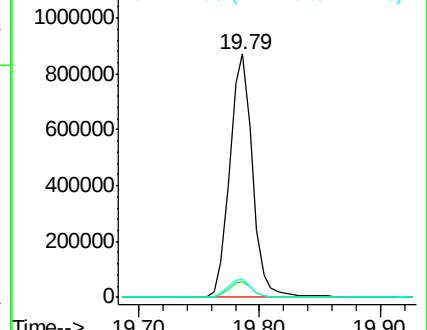
244 100

212 6.7 5.7 8.5

122 7.6 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: 23.63 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM020341.D

Acq: 14 May 2019 20:20

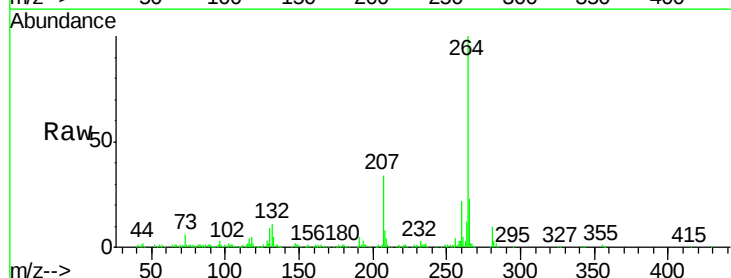
Tgt Ion:264 Resp: 342205

Ion Ratio Lower Upper

264 100

260 21.9 19.2 28.8

265 22.7 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

