

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
 Data File : BM020337.D
 Acq On : 14 May 2019 17:53
 Operator : JU/SJ
 Sample : K2779-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

Quant Time: May 15 03:49:16 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

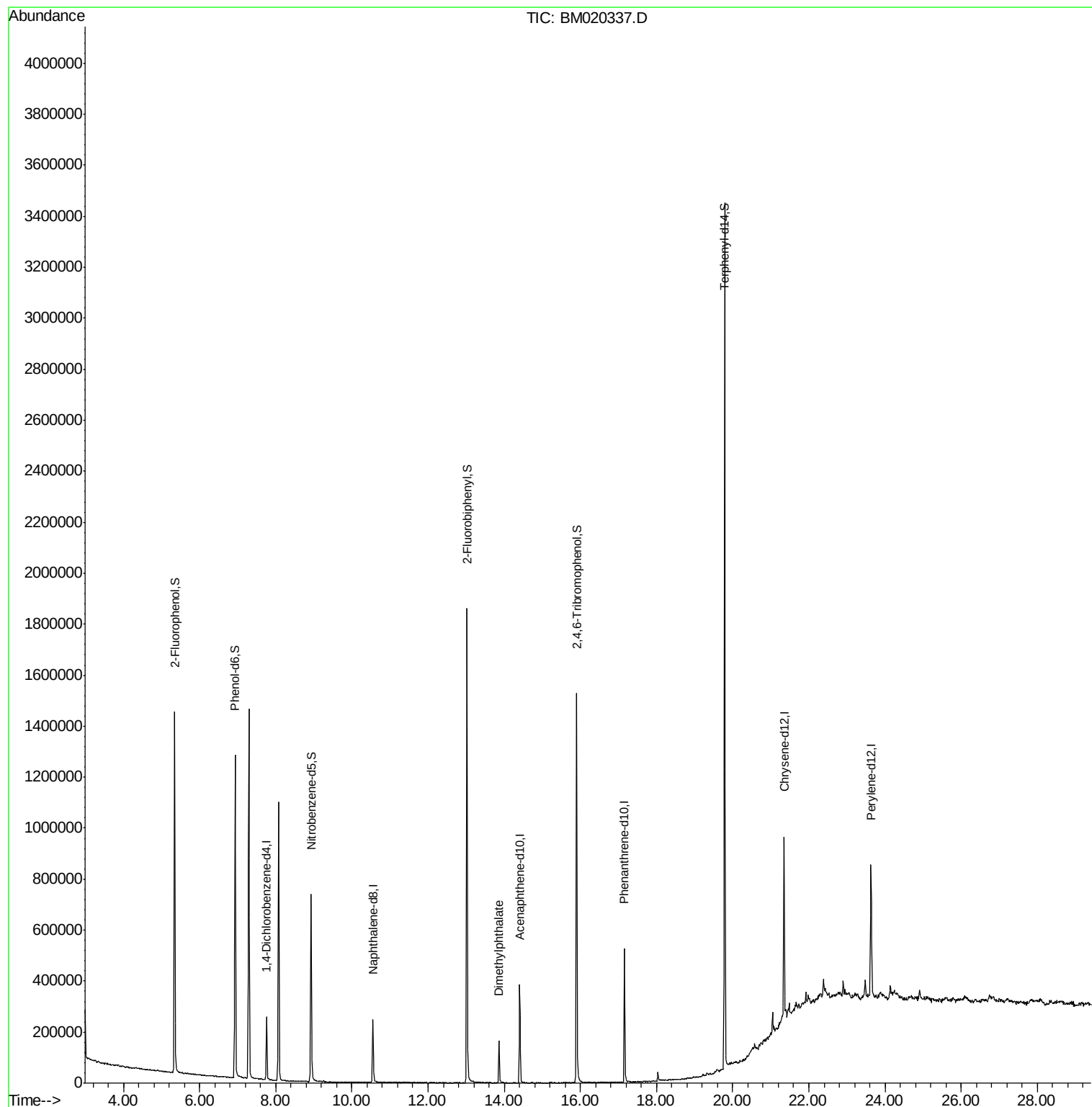
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	66466	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	216652	20.00	ng	-0.03
39) Acenaphthene-d10	14.40	164	133027	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	320118	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	345474	20.00	ng	-0.02
87) Perylene-d12	23.63	264	412120	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	576142	141.69	ng	-0.02
7) Phenol-d6	6.93	99	741031	133.40	ng	-0.02
23) Nitrobenzene-d5	8.93	82	502028	91.48	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	314830	152.47	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	945408	87.44	ng	-0.03
79) Terphenyl-d14	19.79	244	1574343	79.48	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.86	163	109915	9.722	ng	Qvalue 99

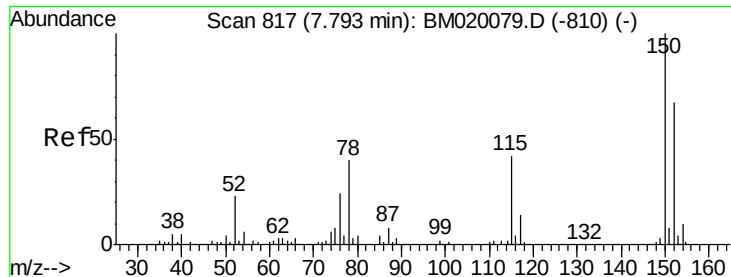
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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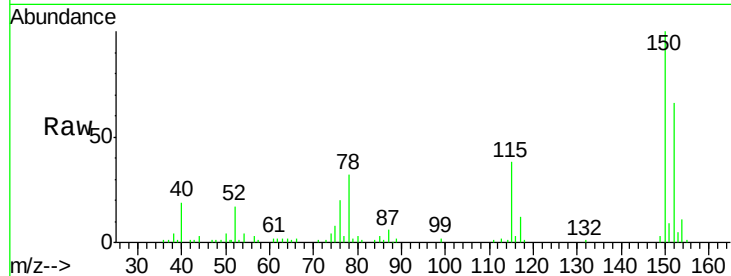


#1

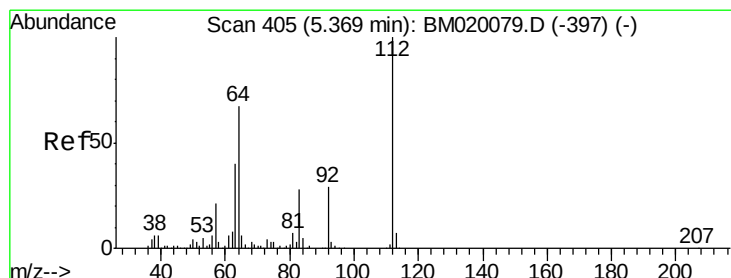
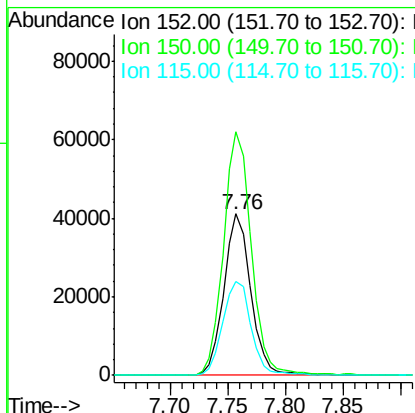
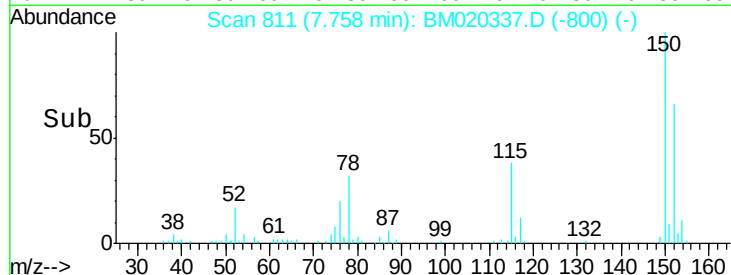
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 811
 Delta R.T. -0.03 min
 Lab File: BM020337.D
 Acq: 14 May 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

Tgt Ion:152 Resp: 66466
 Ion Ratio Lower Upper
 152 100
 150 151.1 119.8 179.8
 115 58.0 50.8 76.2



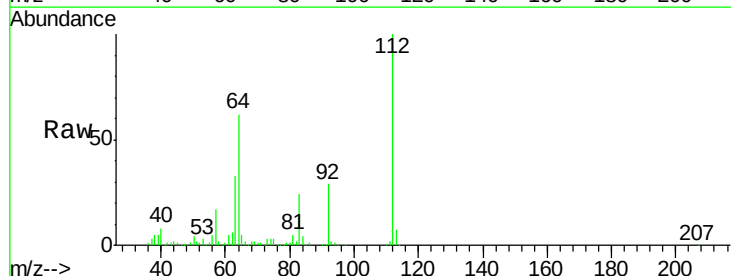
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



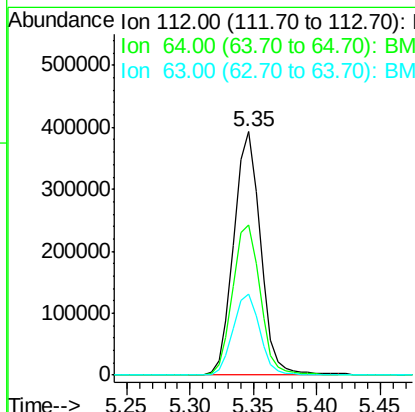
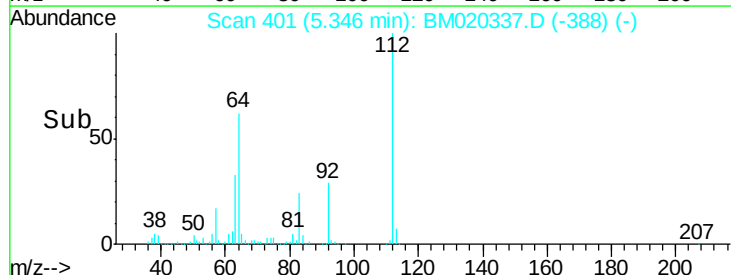
#5

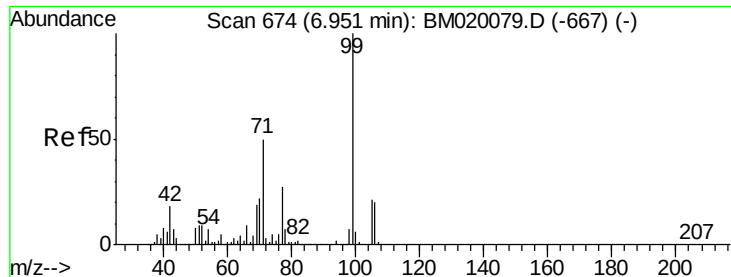
2-Fluorophenol
 Concen: 141.690 ng
 RT: 5.35 min Scan# 401
 Delta R.T. -0.02 min
 Lab File: BM020337.D
 Acq: 14 May 2019 17:53

Tgt Ion:112 Resp: 576142
 Ion Ratio Lower Upper
 112 100
 64 61.9 53.8 80.6
 63 33.1 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: 133.398 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020337.D

Acq: 14 May 2019 17:53

Instrument :

BNA_M

ClientSampleId :

RBR-200050

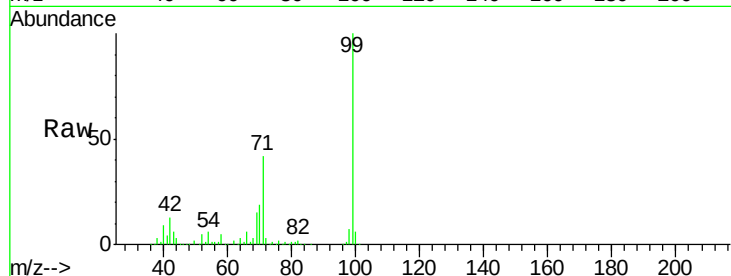
Tgt Ion: 99 Resp: 741031

Ion Ratio Lower Upper

99 100

42 13.2 14.2 21.2#

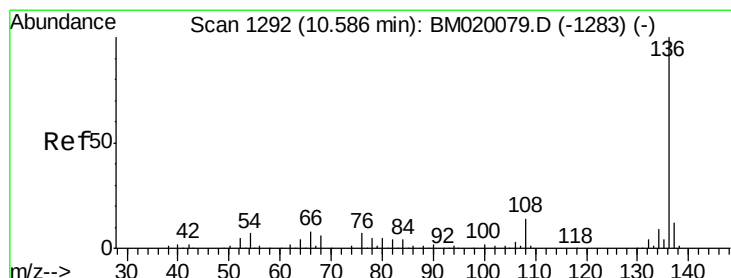
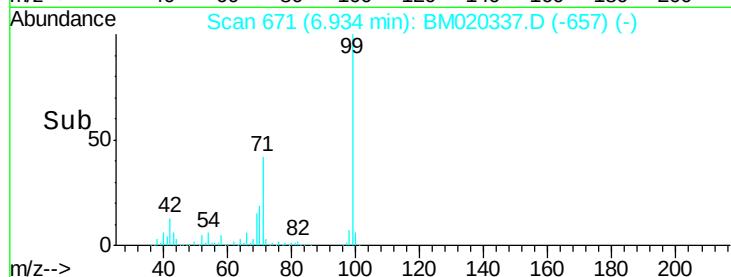
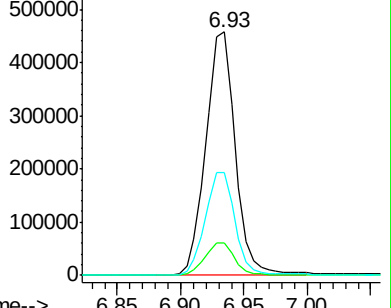
71 42.1 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020337.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020337.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020337.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.03 min

Lab File: BM020337.D

Acq: 14 May 2019 17:53

Tgt Ion: 136 Resp: 216652

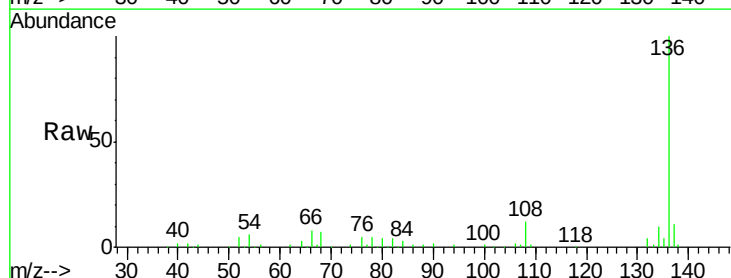
Ion Ratio Lower Upper

136 100

137 10.6 9.6 14.4

54 5.9 5.5 8.3

68 7.0 4.6 6.8#

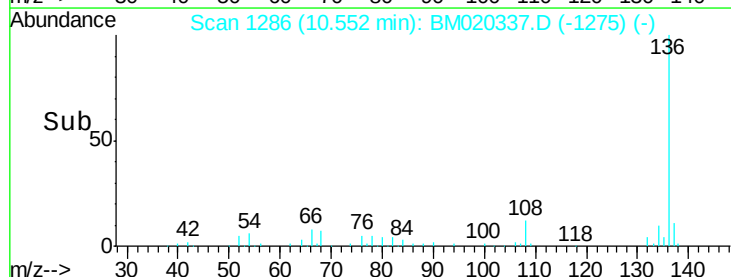
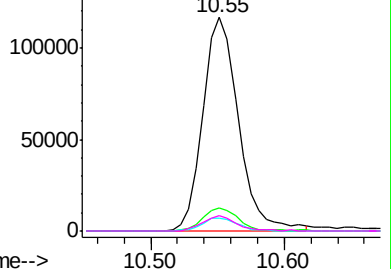


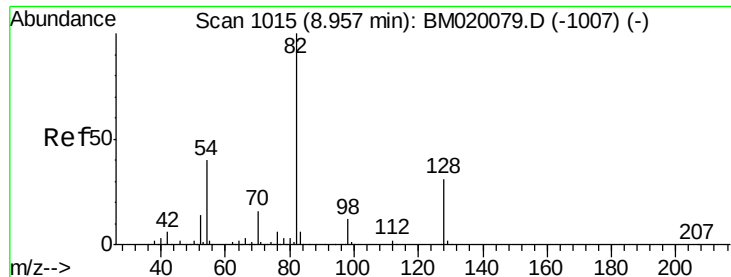
Abundance Ion 136.00 (135.70 to 136.70): BM020337.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020337.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020337.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020337.D (-1275) (-)

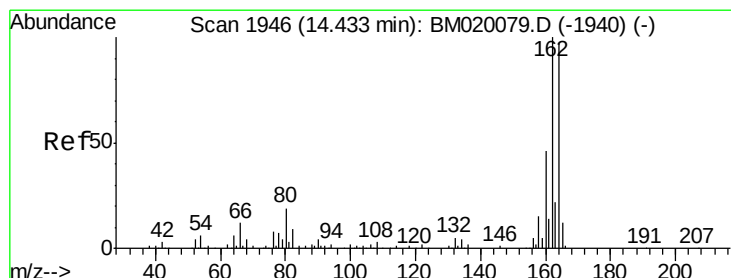
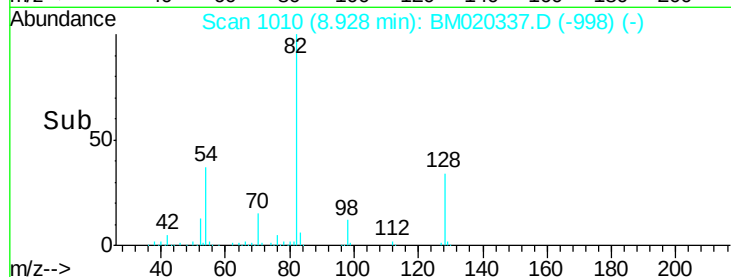
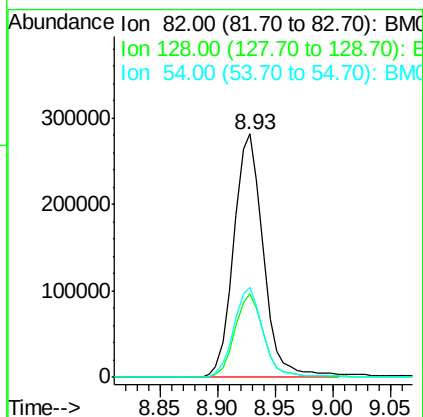
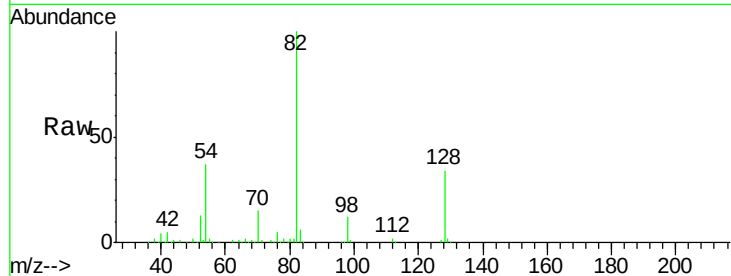




#23
 Nitrobenzene-d5
 Concen: 91.484 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BM020337.D
 Acq: 14 May 2019 17:53

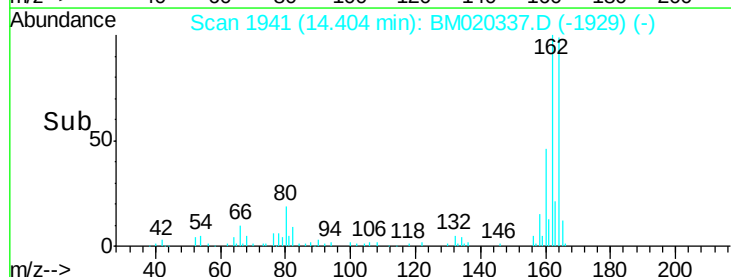
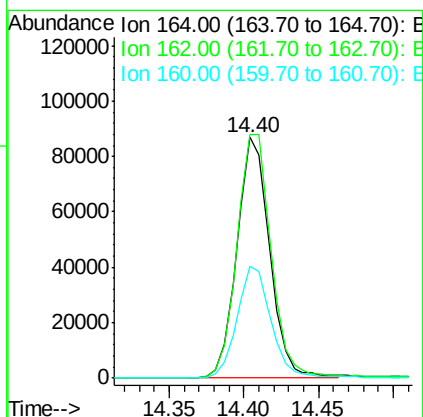
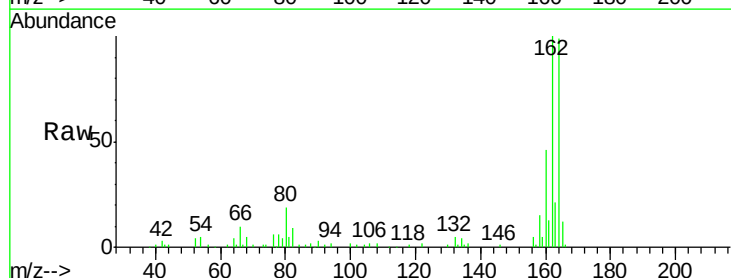
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

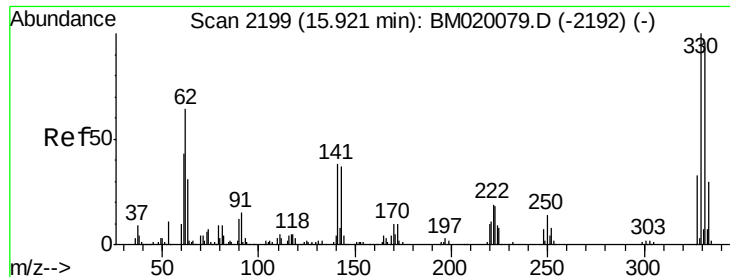
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	25.2	37.8
54	37.0	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: BM020337.D
 Acq: 14 May 2019 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	46.7	37.6	56.4

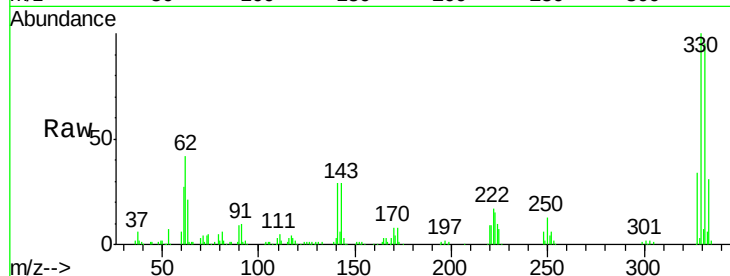




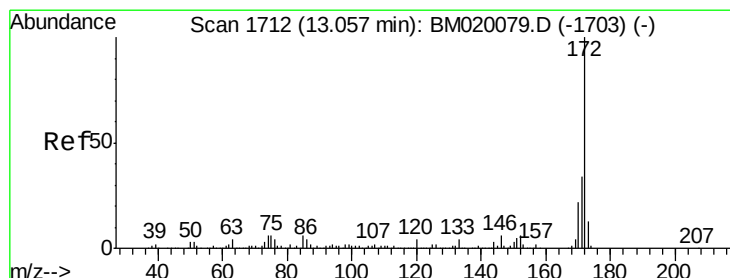
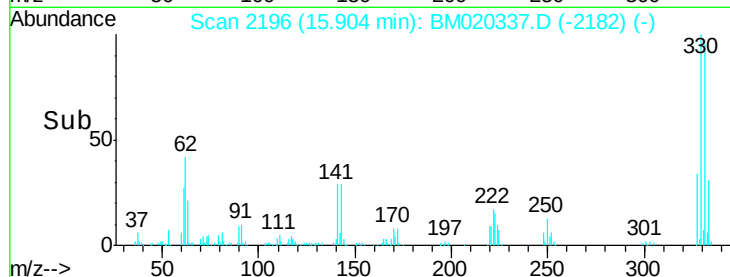
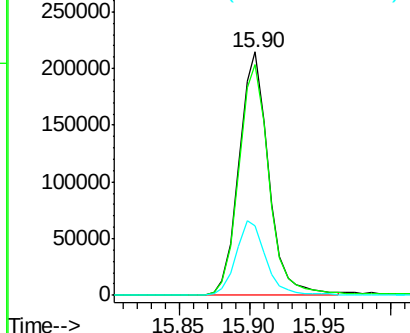
#42
 2,4,6-Tribromophenol
 Concen: 152.473 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020337.D
 Acq: 14 May 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	31.0	29.2	43.8

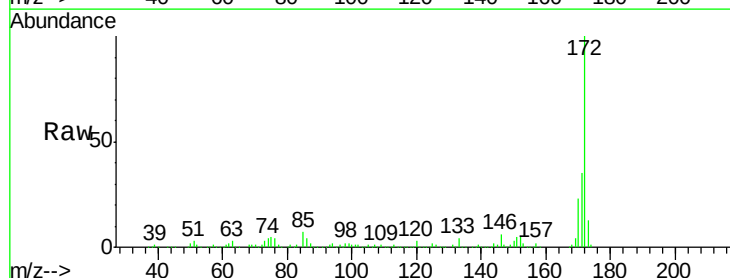


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

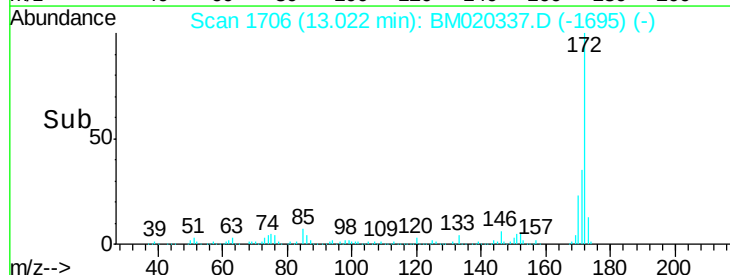
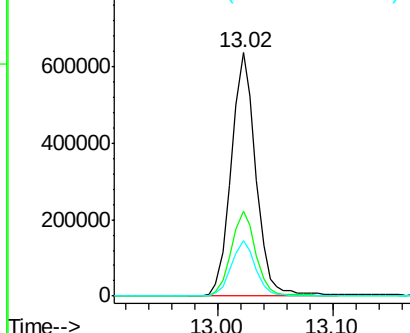


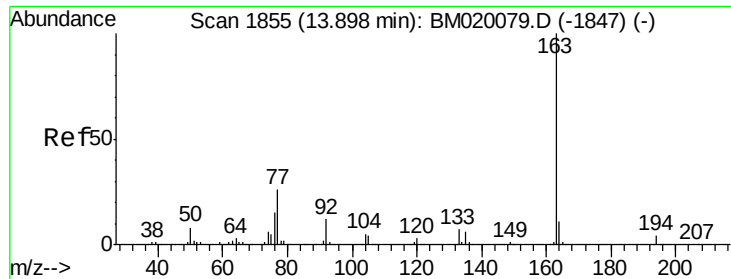
#45
 2-Fluorobiphenyl
 Concen: 87.441 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.03 min
 Lab File: BM020337.D
 Acq: 14 May 2019 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	22.6	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





#50

Dimethylphthalate

Concen: 9.722 ng

RT: 13.86 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BM020337.D

Acq: 14 May 2019 17:53

Instrument :

BNA_M

ClientSampleId :

RBR-200050

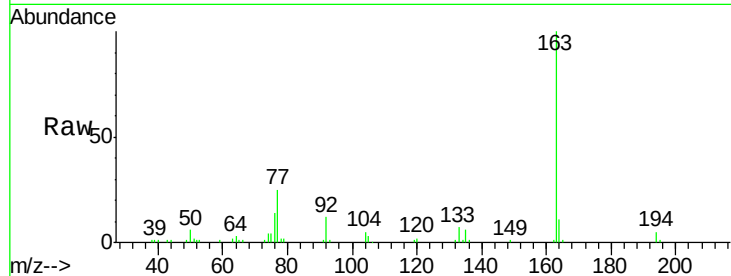
Tgt Ion:163 Resp: 109915

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

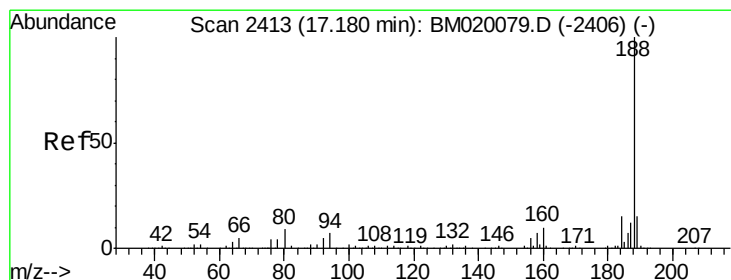
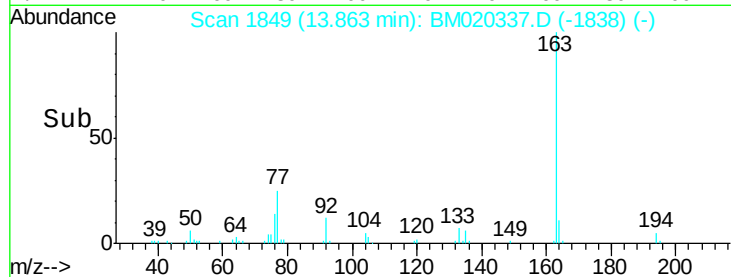
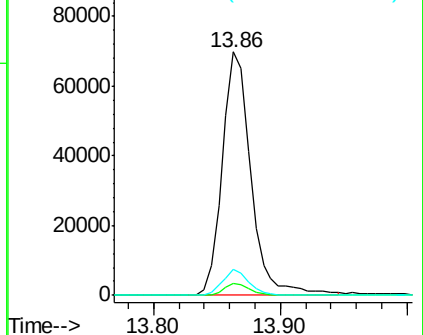
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020337.D

Acq: 14 May 2019 17:53

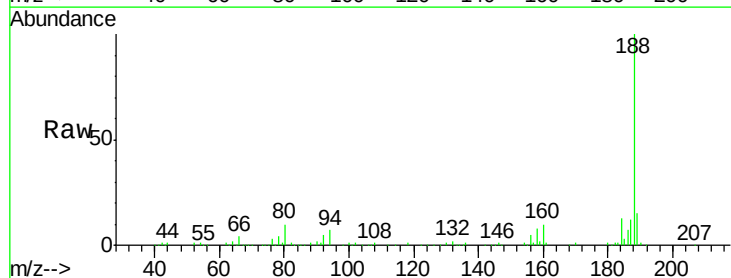
Tgt Ion:188 Resp: 320118

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

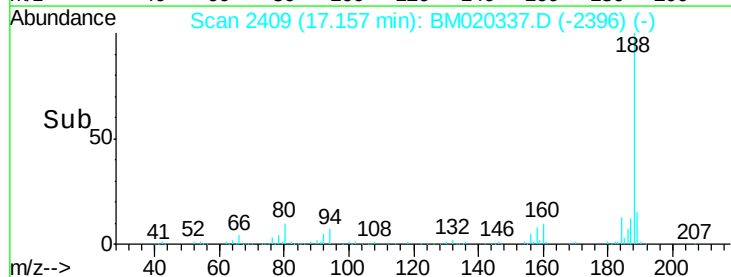
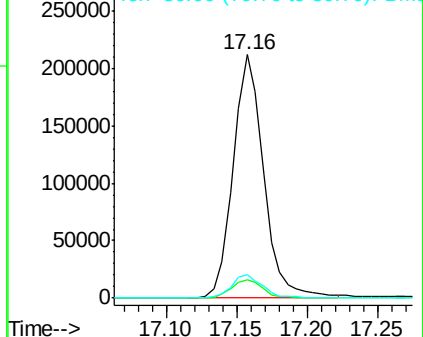
80 9.6 7.4 11.2

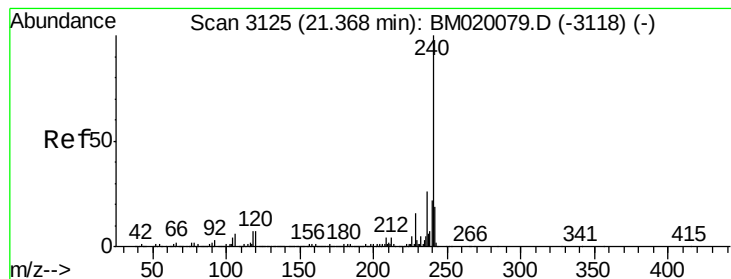


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020337.D

Acq: 14 May 2019 17:53

Instrument :

BNA_M

ClientSampleId :

RBR-200050

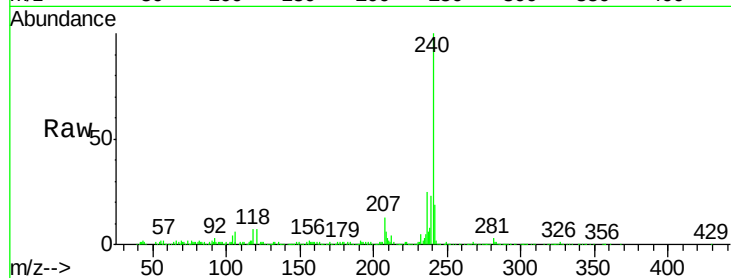
Tgt Ion:240 Resp: 345474

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

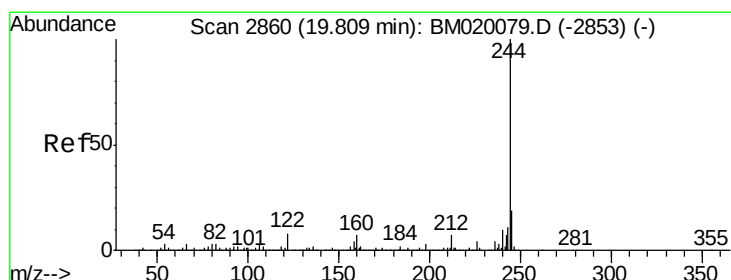
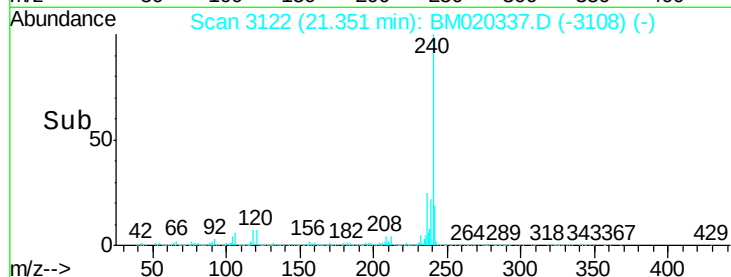
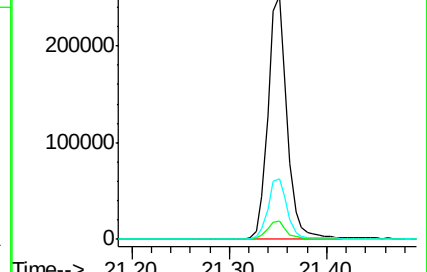
236 25.1 20.9 31.3



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: 79.485 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020337.D

Acq: 14 May 2019 17:53

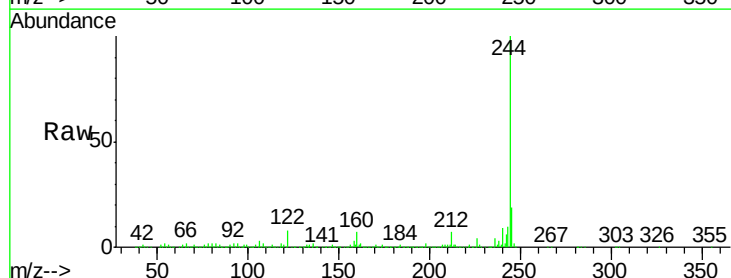
Tgt Ion:244 Resp: 1574343

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

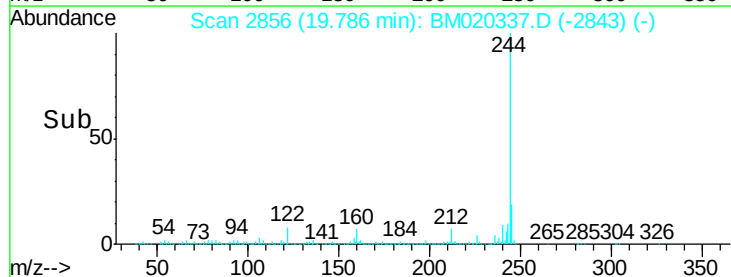
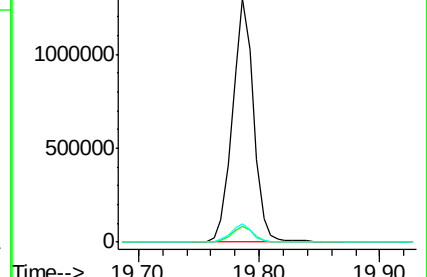
122 7.6 6.2 9.2

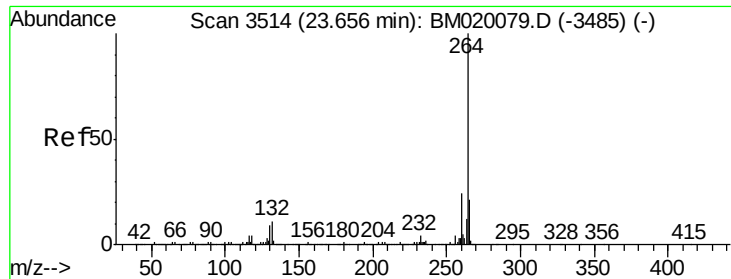


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM020337.D
 Acq: 14 May 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	21.5	16.9	25.3

