

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051419\
 Data File : BM020331.D
 Acq On : 14 May 2019 14:14
 Operator : JU/SJ
 Sample : K2769-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 14 15:48:47 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

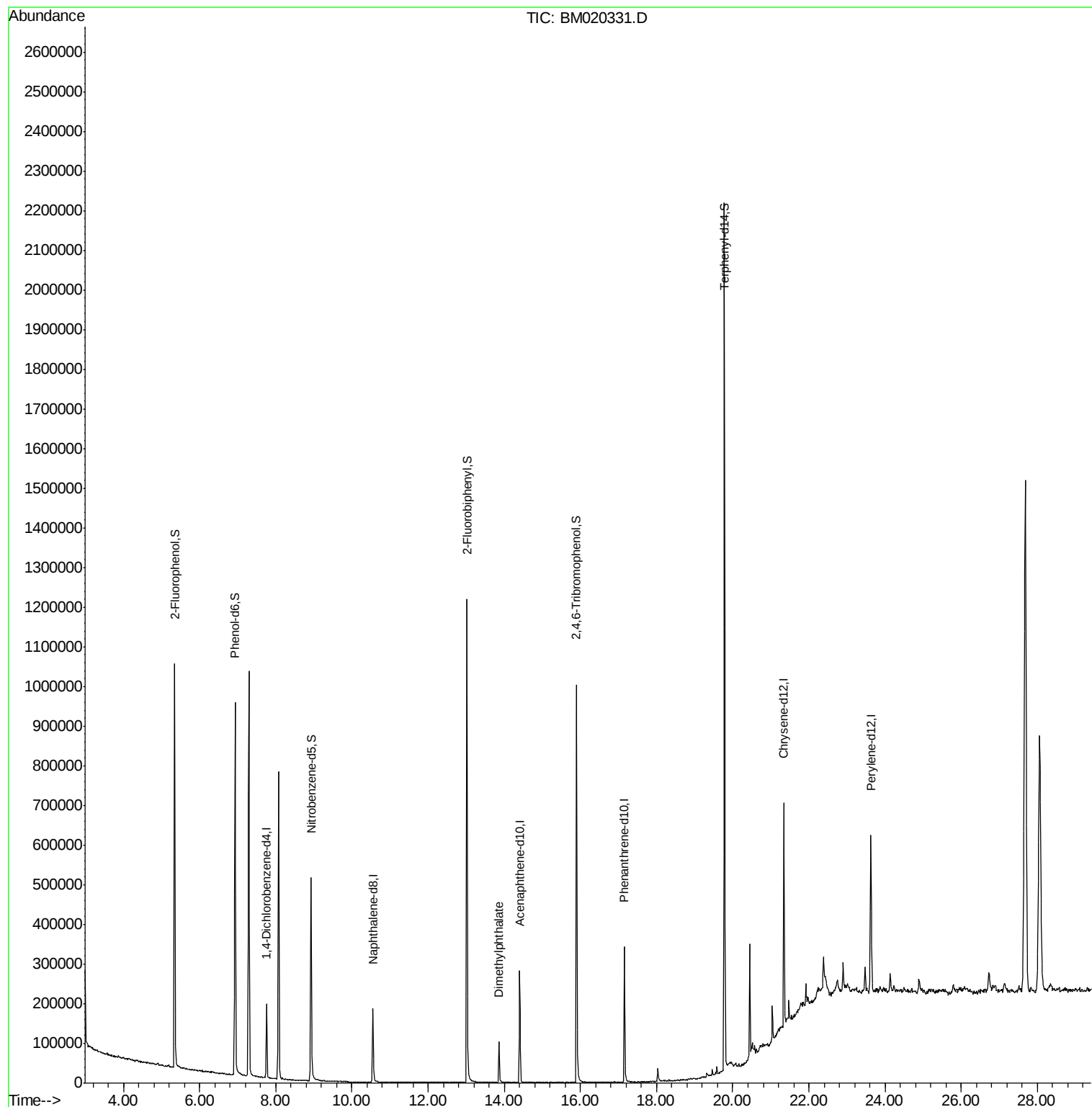
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	48921	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	160408	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	98102	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	227582	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	259931	20.00	ng	-0.02
87) Perylene-d12	23.63	264	316841	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	426465	142.49	ng	-0.02
7) Phenol-d6	6.93	99	541381	132.41	ng	-0.02
23) Nitrobenzene-d5	8.93	82	364565	89.73	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	207267	136.12	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	661227	82.93	ng	-0.04
79) Terphenyl-d14	19.78	244	1082563	72.64	ng	-0.03
Target Compounds						
50) Dimethylphthalate	13.86	163	72360	8.678	ng	Qvalue 98

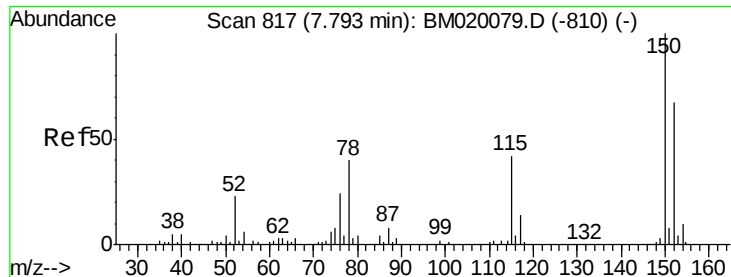
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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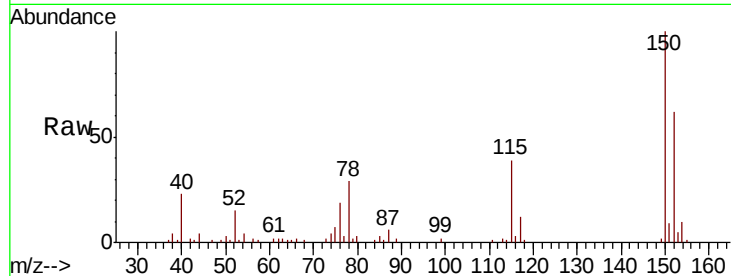


#1

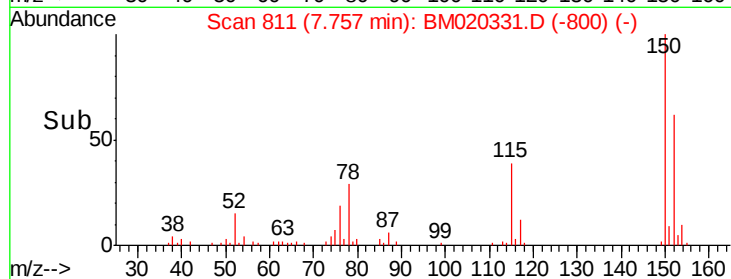
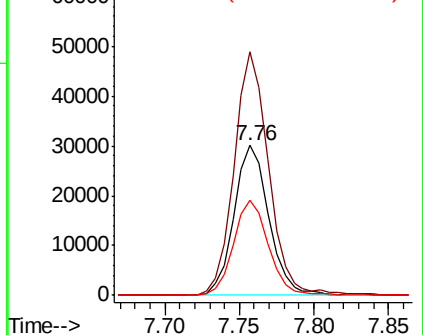
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020331.D
Acq: 14 May 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 48921
Ion Ratio Lower Upper
152 100
150 162.6 119.8 179.8
115 63.5 50.8 76.2



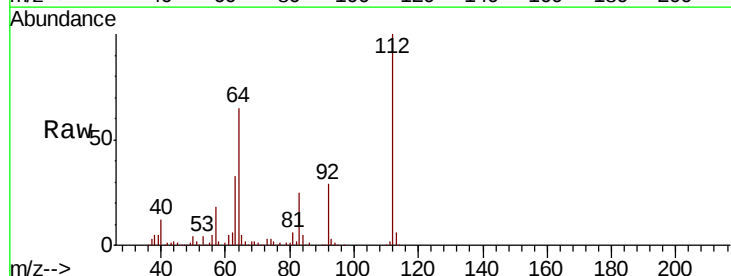
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



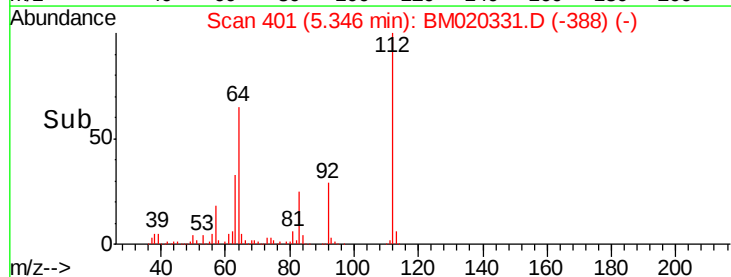
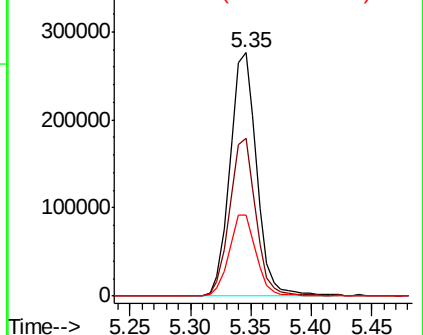
#5

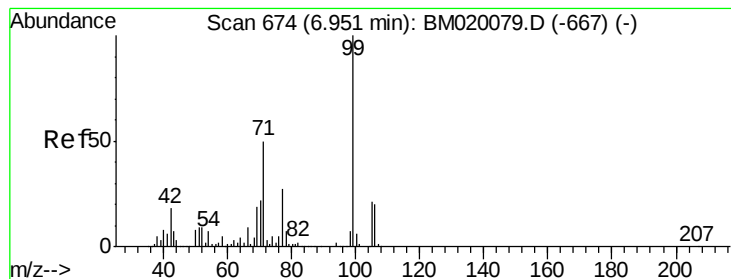
2-Fluorophenol
Concen: 142.494 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020331.D
Acq: 14 May 2019 14:14

Tgt Ion:112 Resp: 426465
Ion Ratio Lower Upper
112 100
64 64.7 53.8 80.6
63 33.3 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: 132.410 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020331.D

Acq: 14 May 2019 14:14

Instrument :

BNA_M

ClientSampleId :

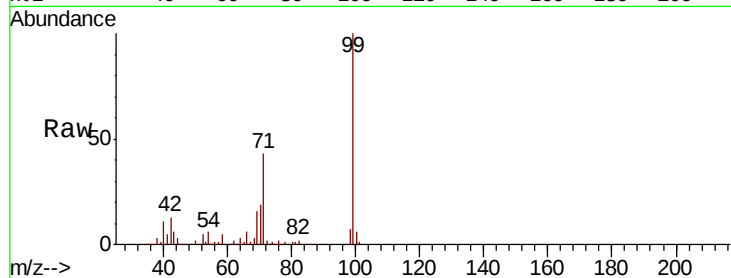
Tot Ion: 99 Resp: 541381

Ion Ratio Lower Upper

99 100

42 13.4 14.2 21.2#

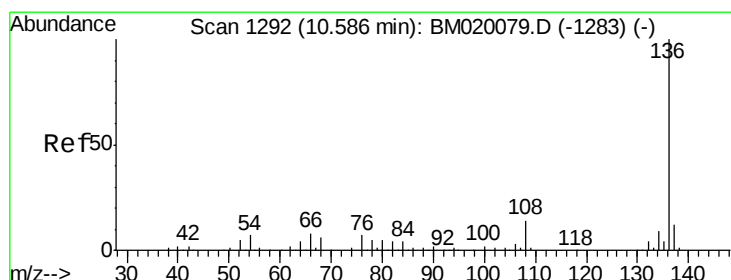
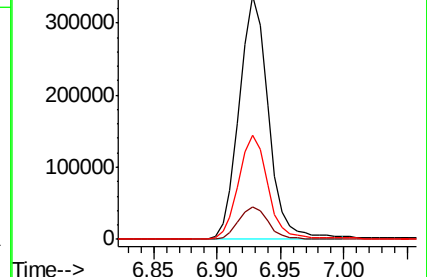
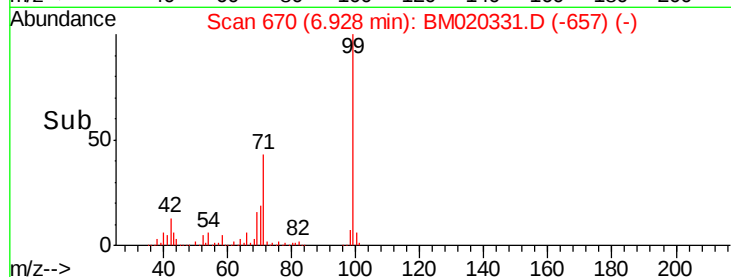
71 42.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020331.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020331.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020331.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020331.D

Acq: 14 May 2019 14:14

Tgt Ion: 136 Resp: 160408

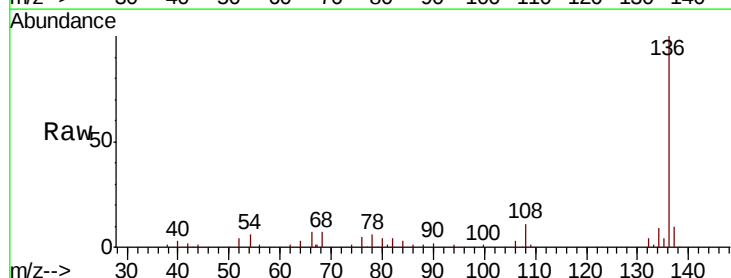
Ion Ratio Lower Upper

136 100

137 9.6 9.6 14.4

54 5.7 5.5 8.3

68 6.9 4.6 6.8#

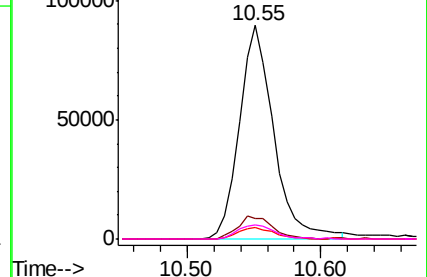
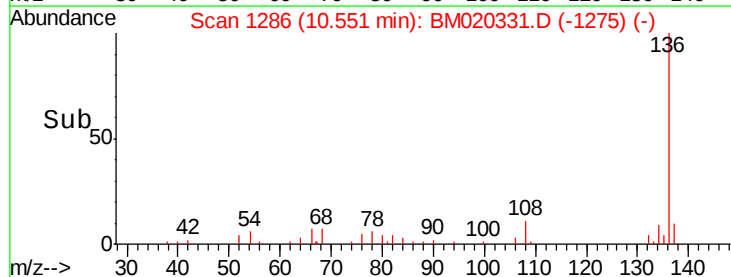


Abundance Ion 136.00 (135.70 to 136.70): BM020331.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020331.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020331.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020331.D (-1275) (-)

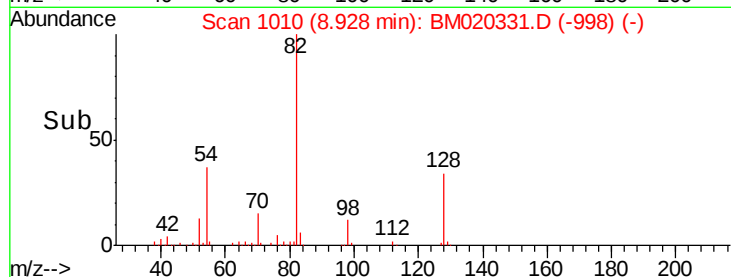
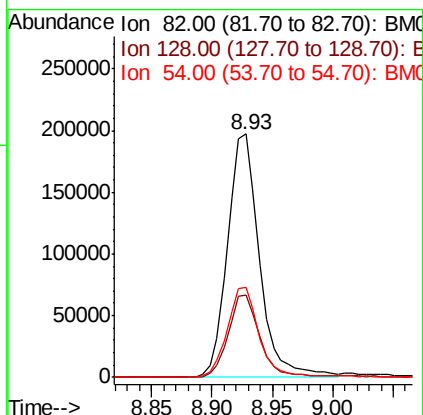
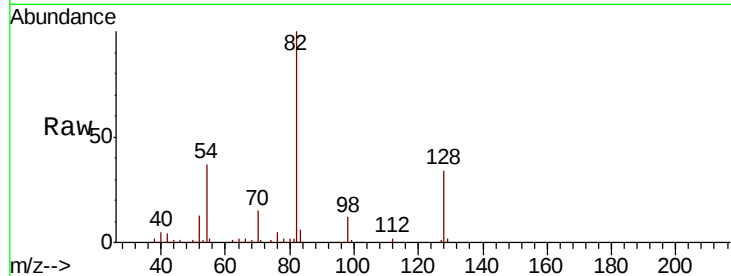




#23
 Nitrobenzene-d5
 Concen: 89.728 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. -0.03 min
 Lab File: BM020331.D
 Acq: 14 May 2019 14:14

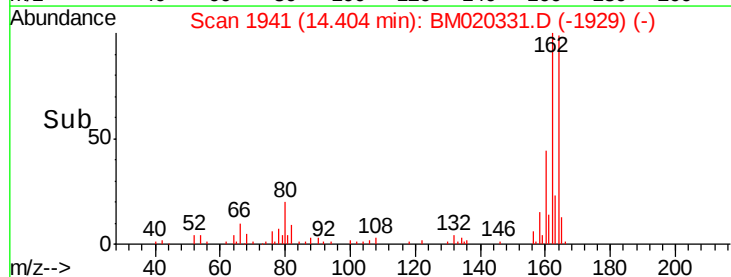
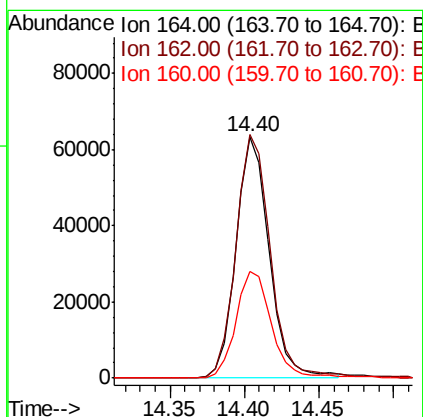
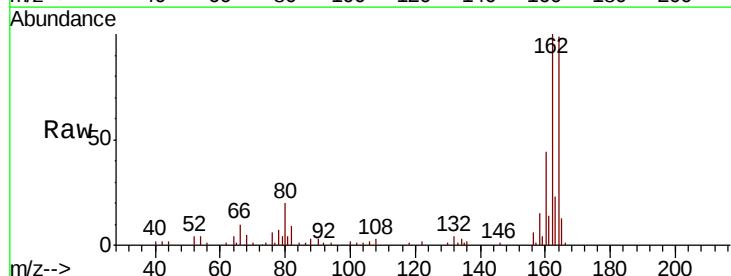
Instrument :
 BNA_M
 ClientSampled :

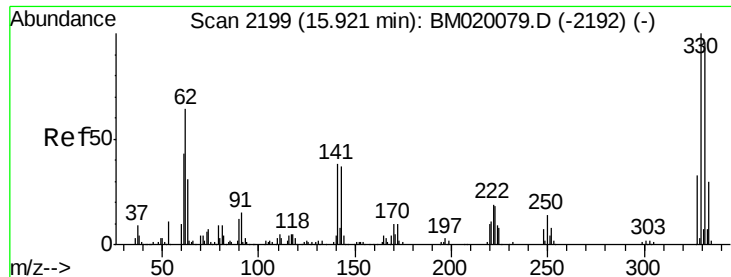
Tot Ion	82	Resp	364565
Ion Ratio	100	Lower	Upper
128	33.7	25.2	37.8
54	37.2	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: BM020331.D
 Acq: 14 May 2019 14:14

Tgt Ion	164	Resp	98102
Ion Ratio	100	Lower	Upper
162	100.9	82.2	123.2
160	44.4	37.6	56.4

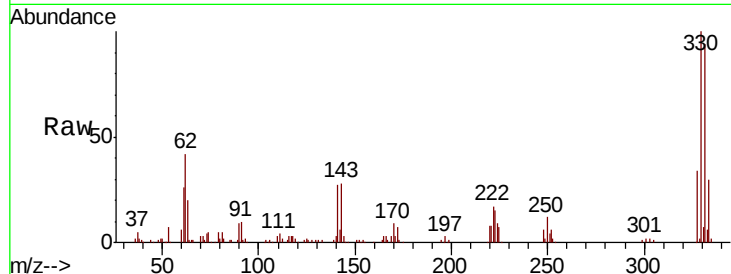




#42
 2,4,6-Tribromophenol
 Concen: 136.116 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020331.D
 Acq: 14 May 2019 14:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	31.1	29.2	43.8

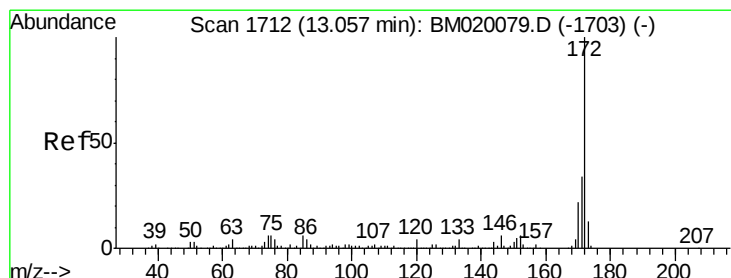
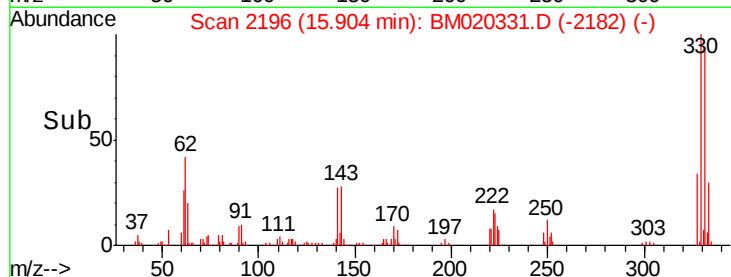
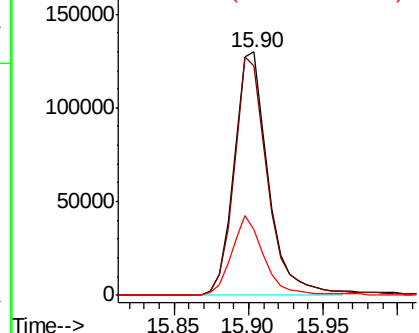


Abundance

Ion 329.80 (329.50 to 330.50): E

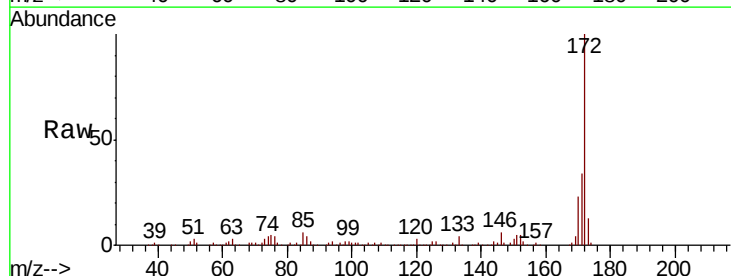
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.929 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020331.D
 Acq: 14 May 2019 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	22.7	17.9	26.9

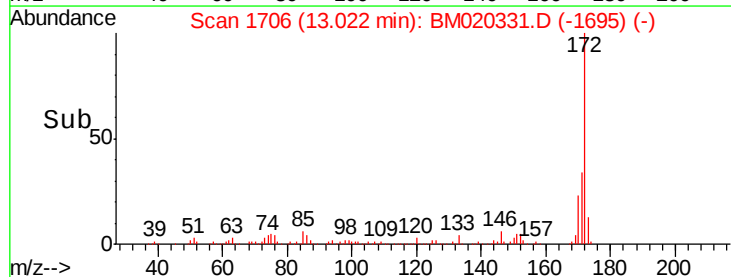
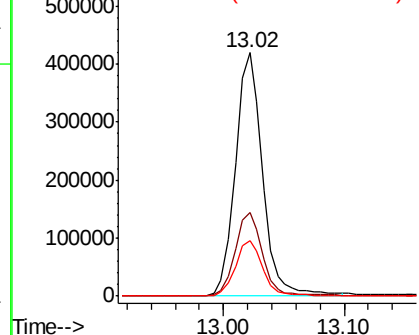


Abundance

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: 8.678 ng

RT: 13.86 min Scan# 1849

Delta R.T. -0.04 min

Lab File: BM020331.D

Acq: 14 May 2019 14:14

Instrument :

BNA_M

ClientSampleId :

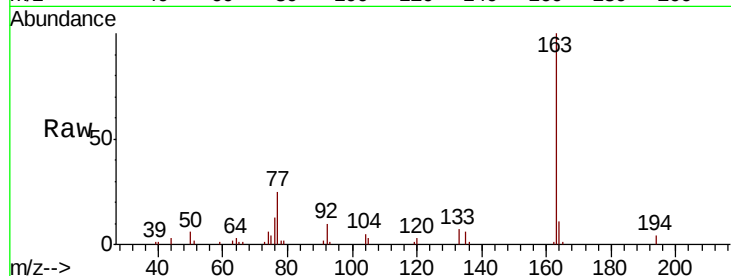
Tot Ion:163 Resp: 72360

Ion Ratio Lower Upper

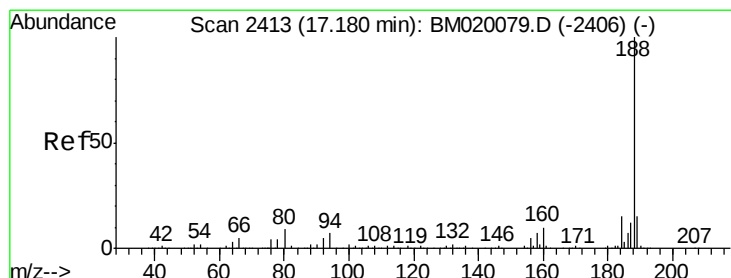
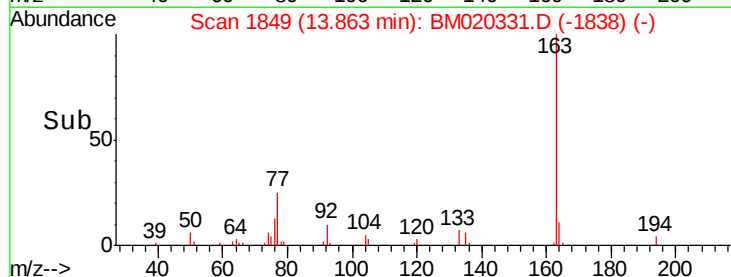
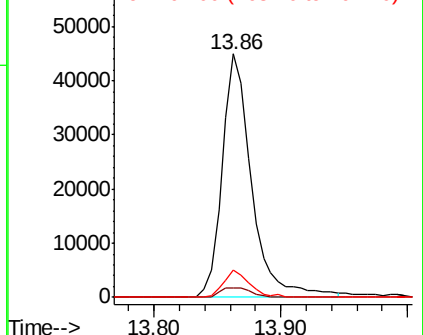
163 100

194 4.0 3.6 5.4

164 11.1 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: BM020331.D

Acq: 14 May 2019 14:14

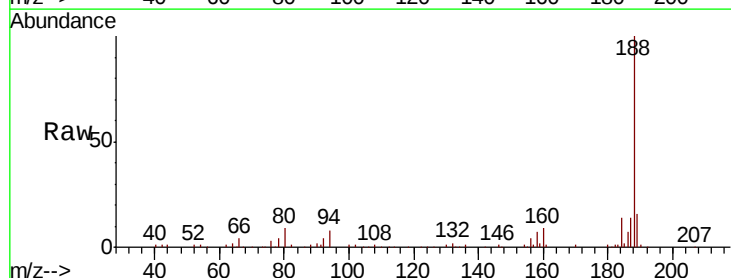
Tgt Ion:188 Resp: 227582

Ion Ratio Lower Upper

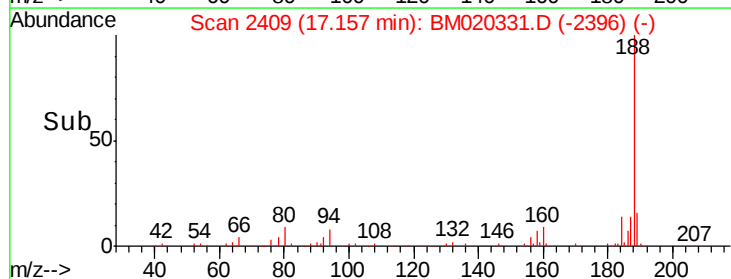
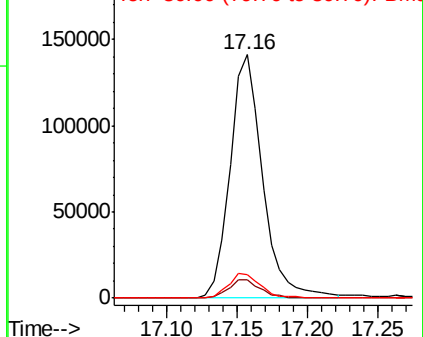
188 100

94 7.5 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): BM0
Ion 80.00 (79.70 to 80.70): BM0

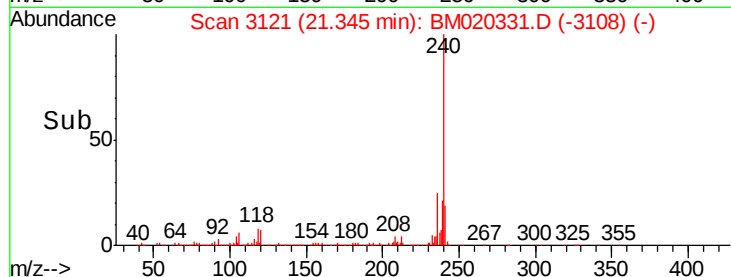
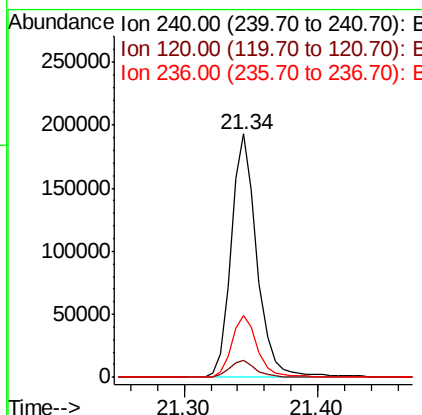
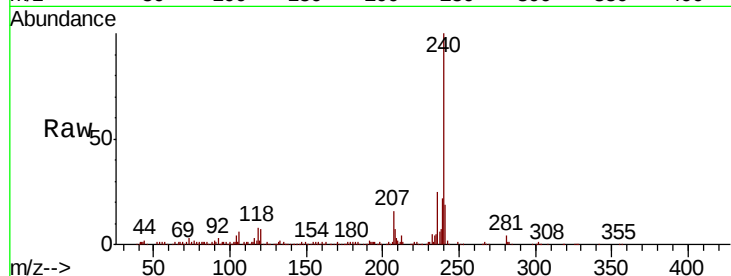




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.34 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BM020331.D
 Acq: 14 May 2019 14:14

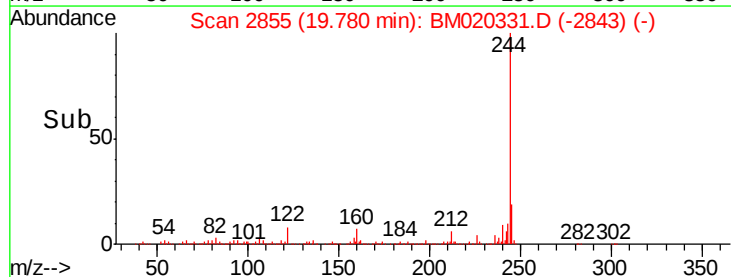
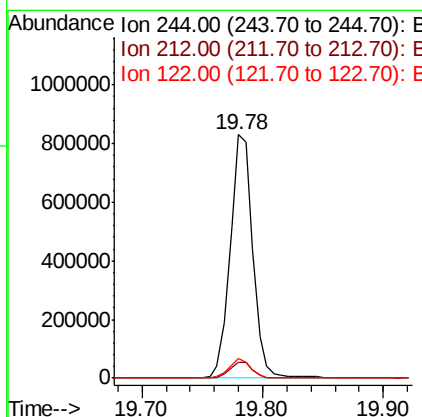
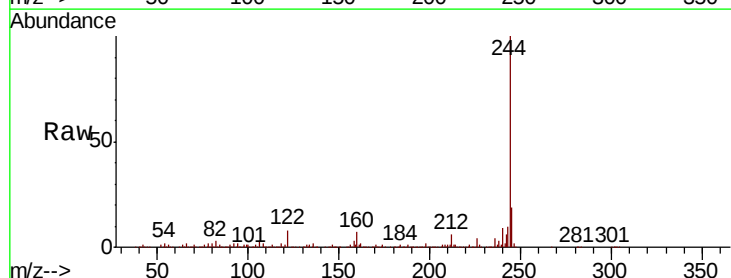
Instrument :
 BNA_M
 ClientSampled :

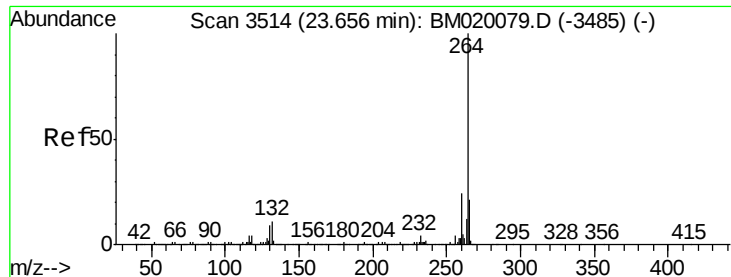
Tot Ion:240 Resp: 259931
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.6 8.4
 236 25.2 20.9 31.3



#79
 Terphenyl-d14
 Concen: 72.643 ng
 RT: 19.78 min Scan# 2855
 Delta R.T. -0.03 min
 Lab File: BM020331.D
 Acq: 14 May 2019 14:14

Tgt Ion:244 Resp: 1082563
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 8.1 6.2 9.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3509
Delta R.T. -0.03 min
Lab File: BM020331.D
Acq: 14 May 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	22.0	16.9	25.3

