

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
 Data File : BM020325.D
 Acq On : 13 May 2019 20:33
 Operator : JU/SJ
 Sample : K2769-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS017-0206-01

Quant Time: May 14 03:50:48 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

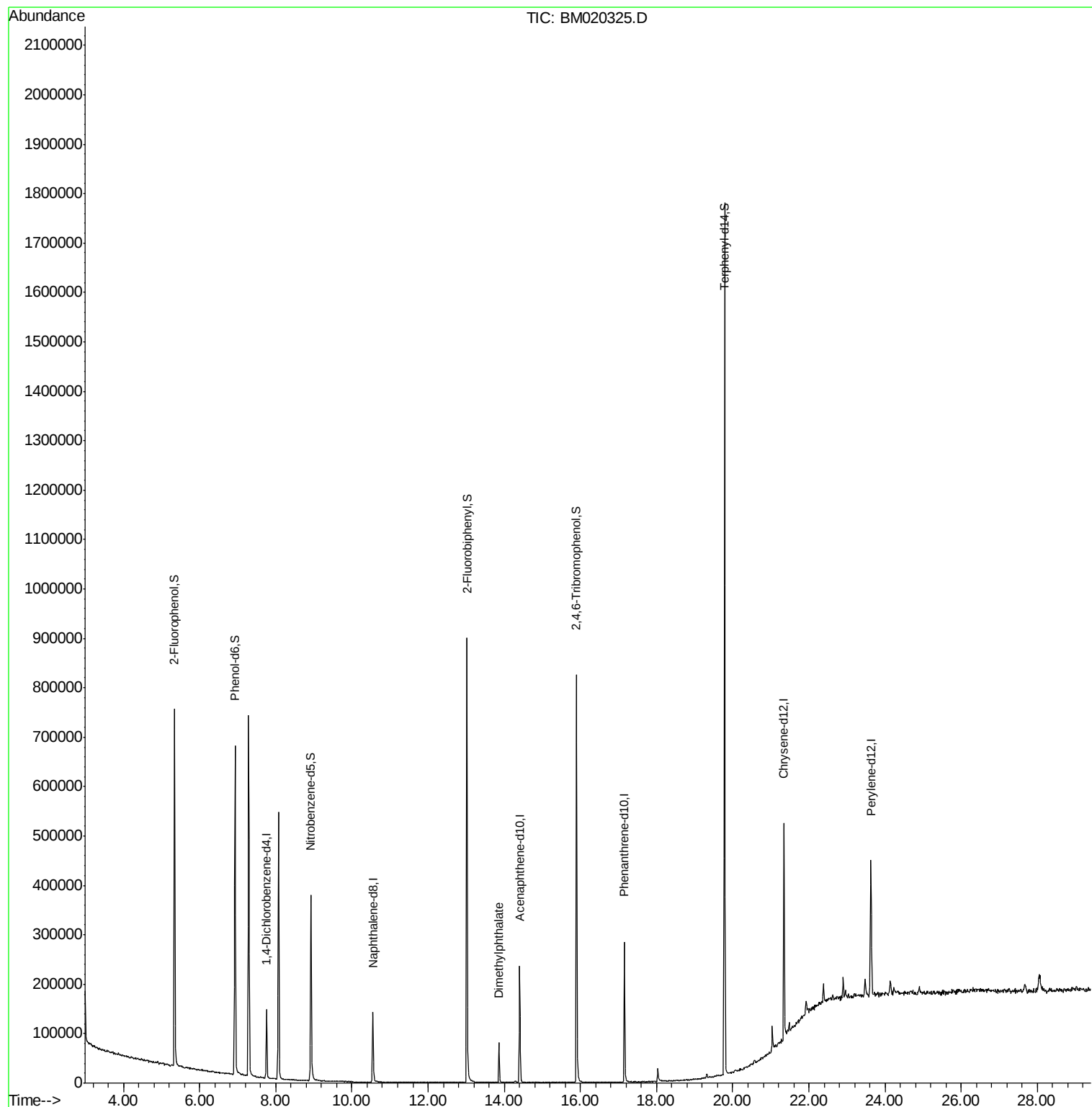
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	36817	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	123732	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	78053	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	187589	20.00	ng	-0.02
76) Chrysene-d12	21.34	240	212803	20.00	ng	-0.02
87) Perylene-d12	23.63	264	223025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	296879	131.81	ng	-0.03
7) Phenol-d6	6.93	99	382886	124.43	ng	-0.02
23) Nitrobenzene-d5	8.92	82	256355	81.80	ng	-0.04
42) 2,4,6-Tribromophenol	15.90	330	159543	131.69	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	490329	77.29	ng	-0.04
79) Terphenyl-d14	19.79	244	905138	74.19	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.86	163	55034	8.296	ng	Qvalue 98

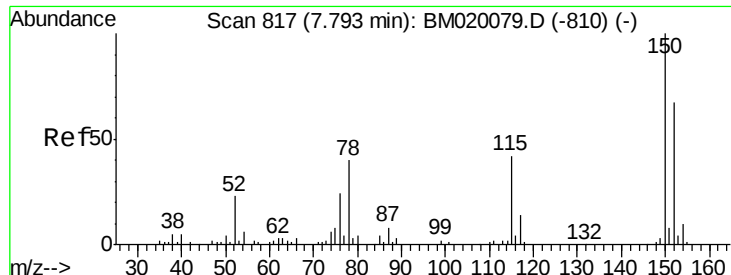
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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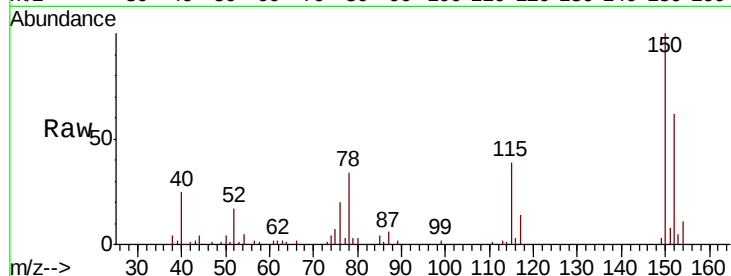


#1

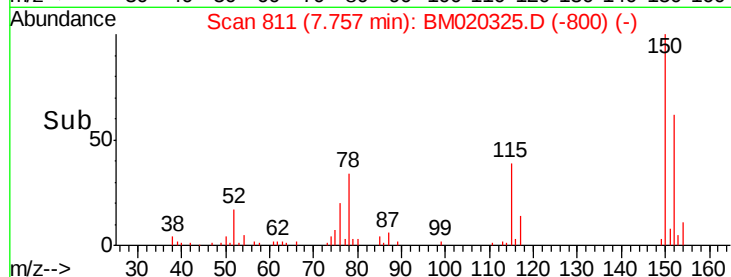
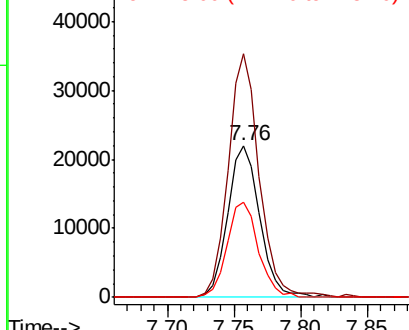
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020325.D
Acq: 13 May 2019 20:33

Instrument :
BNA_M
ClientSampleId :
P026-SS017-0206-01

Tot Ion:152 Resp: 36817
Ion Ratio Lower Upper
152 100
150 160.5 119.8 179.8
115 62.6 50.8 76.2



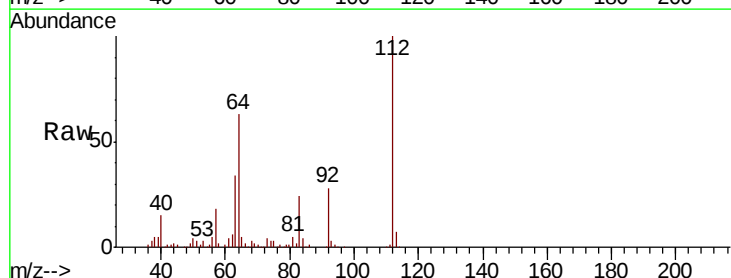
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



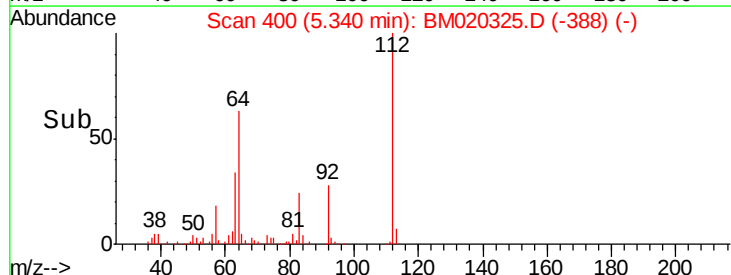
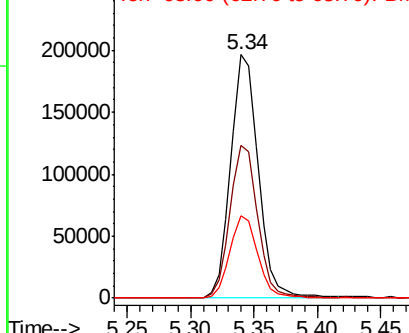
#5

2-Fluorophenol
Concen: 131.808 ng
RT: 5.34 min Scan# 400
Delta R.T. -0.03 min
Lab File: BM020325.D
Acq: 13 May 2019 20:33

Tgt Ion:112 Resp: 296879
Ion Ratio Lower Upper
112 100
64 63.0 53.8 80.6
63 33.9 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: 124.433 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020325.D

Acq: 13 May 2019 20:33

Instrument :

BNA_M

ClientSampleId :

P026-SS017-0206-01

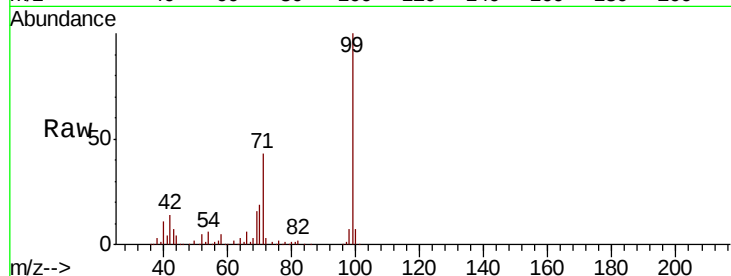
Tot Ion: 99 Resp: 382886

Ion Ratio Lower Upper

99 100

42 13.8 14.2 21.2#

71 42.8 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) (-)

6.93

250000

200000

150000

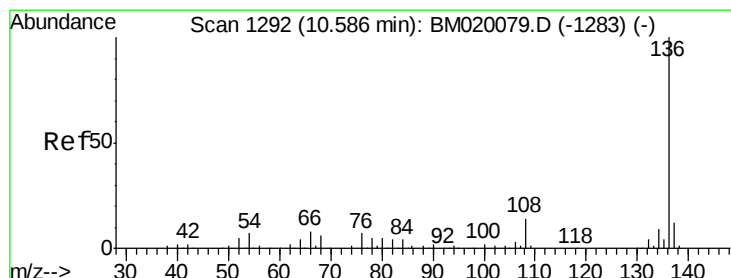
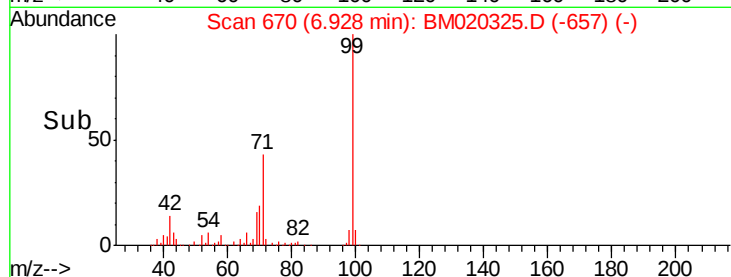
100000

50000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. -0.04 min

Lab File: BM020325.D

Acq: 13 May 2019 20:33

Tgt Ion: 136 Resp: 123732

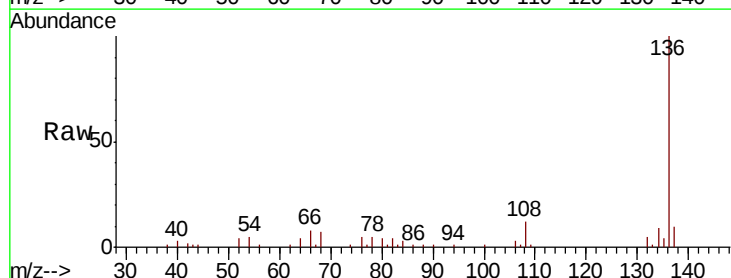
Ion Ratio Lower Upper

136 100

137 9.9 9.6 14.4

54 5.2 5.5 8.3#

68 6.6 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) (-)

10.55

80000

60000

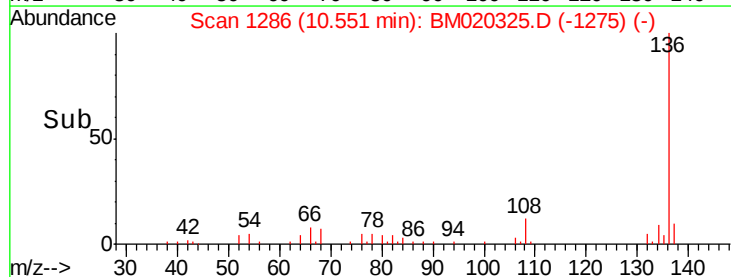
40000

20000

0

10.50 10.55 10.60

Time-->

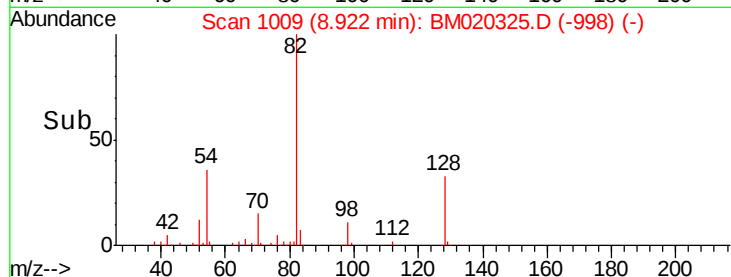
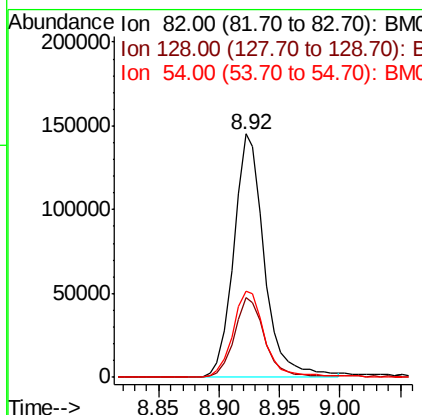
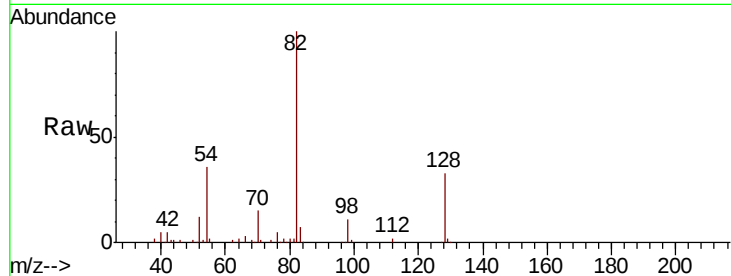




#23
Nitrobenzene-d5
Concen: 81.797 ng
RT: 8.92 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BM020325.D
Acq: 13 May 2019 20:33

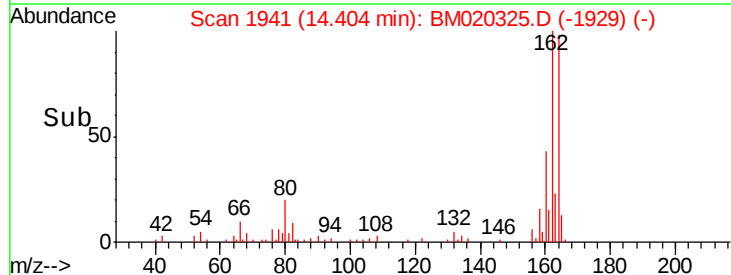
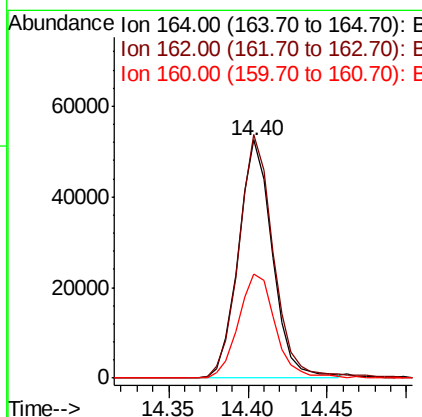
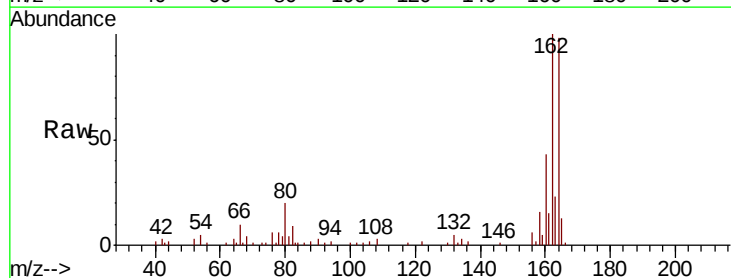
Instrument :
BNA_M
ClientSampleId :
P026-SS017-0206-01

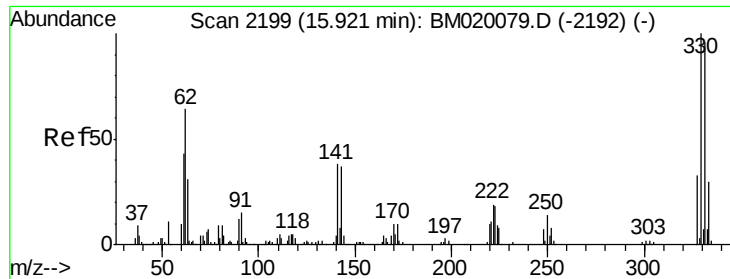
Tot Ion	82	Resp	256355
Ion Ratio	100	Lower	Upper
128	32.6	25.2	37.8
54	35.6	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020325.D
Acq: 13 May 2019 20:33

Tgt Ion	164	Resp	78053
Ion Ratio	100	Lower	Upper
162	102.3	82.2	123.2
160	43.7	37.6	56.4

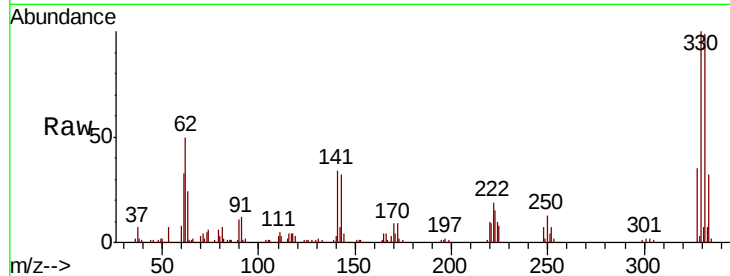




#42
 2,4,6-Tribromophenol
 Concen: 131.687 ng
 RT: 15.90 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BM020325.D
 Acq: 13 May 2019 20:33

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS017-0206-01

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

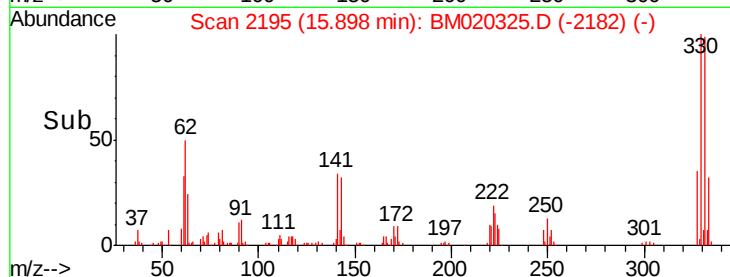
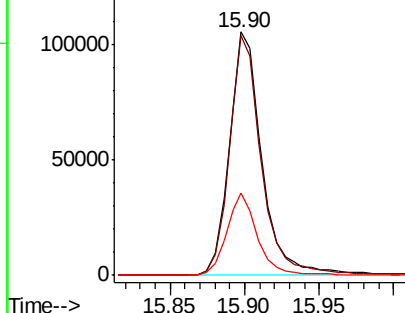


Abundance

Ion 329.80 (329.50 to 330.50): E

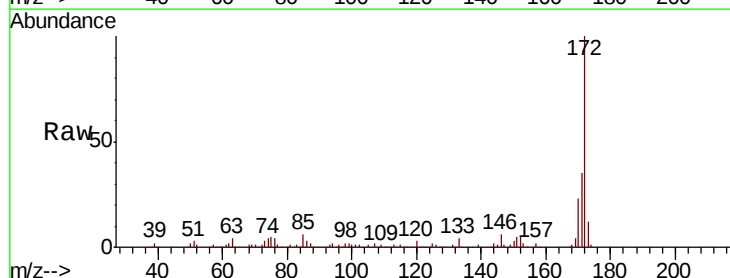
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.292 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020325.D
 Acq: 13 May 2019 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.3	17.9	26.9

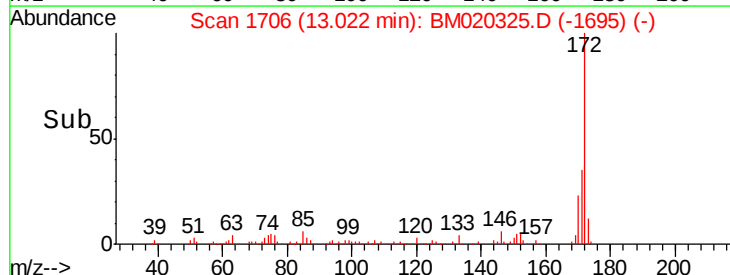
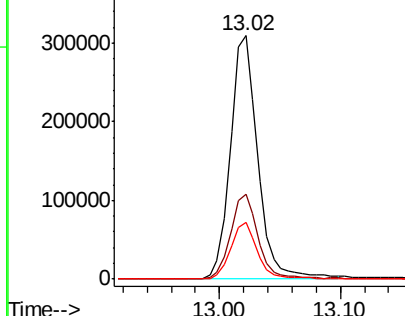


Abundance

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: 8.296 ng

RT: 13.86 min Scan# 1849

Delta R.T. -0.04 min

Lab File: BM020325.D

Acq: 13 May 2019 20:33

Instrument :

BNA_M

ClientSampleId :

P026-SS017-0206-01

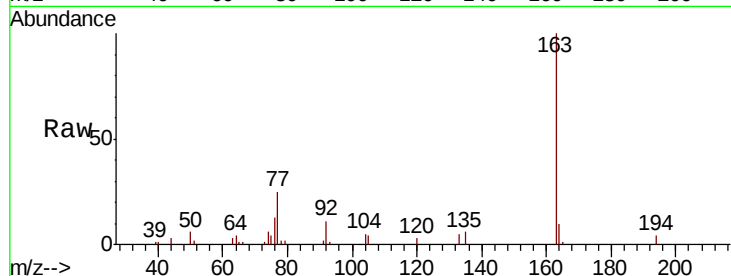
Tot Ion:163 Resp: 55034

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

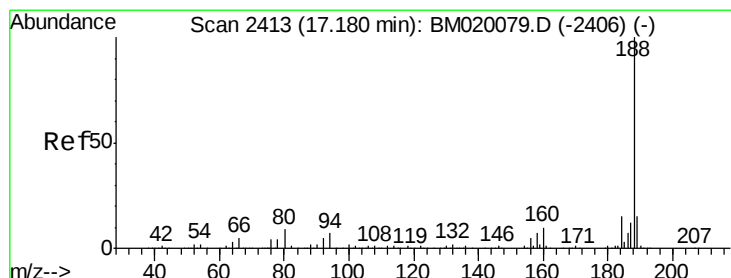
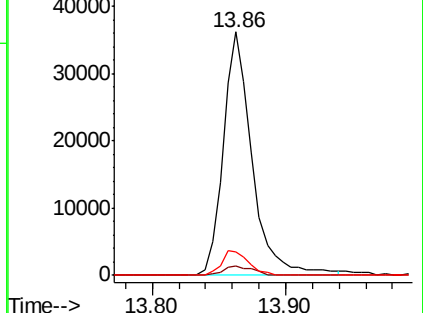
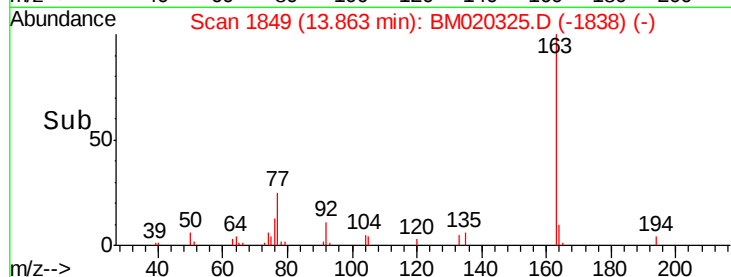
164 9.5 8.4 12.6



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: BM020325.D

Acq: 13 May 2019 20:33

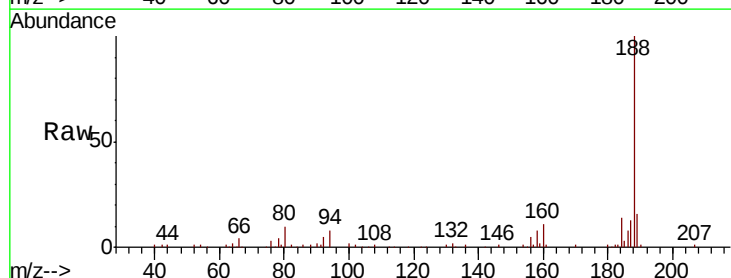
Tgt Ion:188 Resp: 187589

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

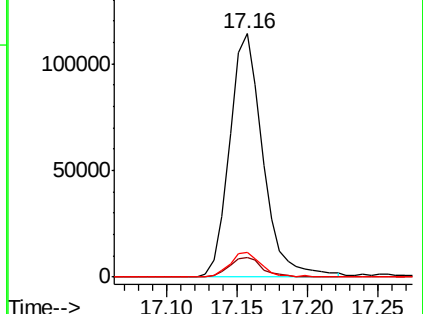
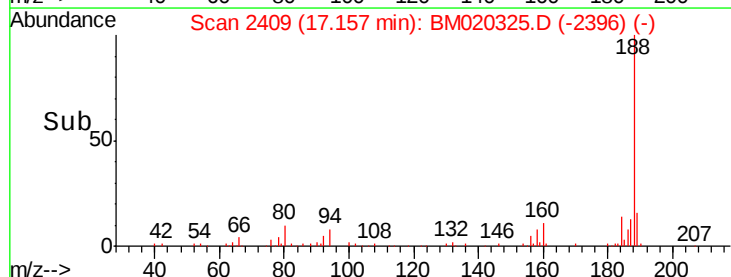
80 9.9 7.4 11.2



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: 21.34 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BM020325.D

Acq: 13 May 2019 20:33

Instrument :

BNA_M

ClientSampleId :

P026-SS017-0206-01

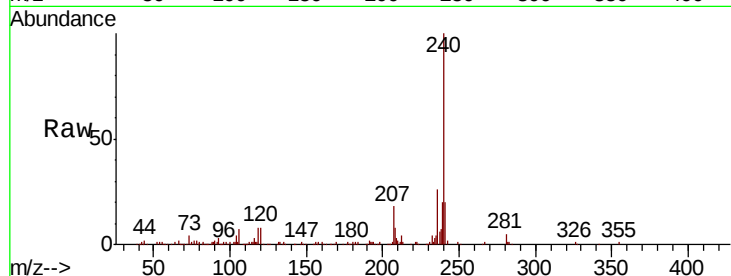
Tot Ion:240 Resp: 212803

Ion Ratio Lower Upper

240 100

120 7.8 5.6 8.4

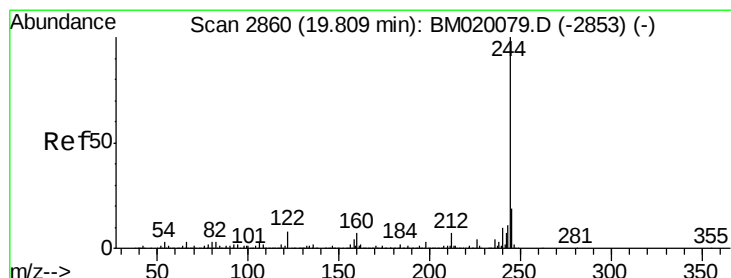
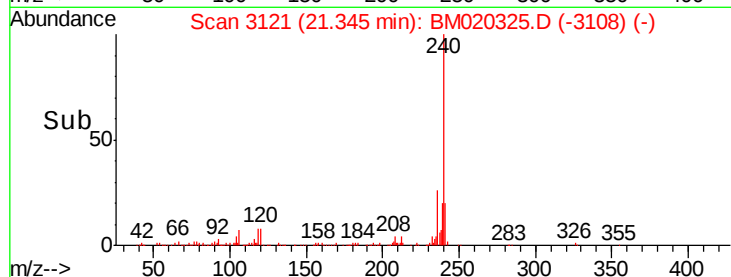
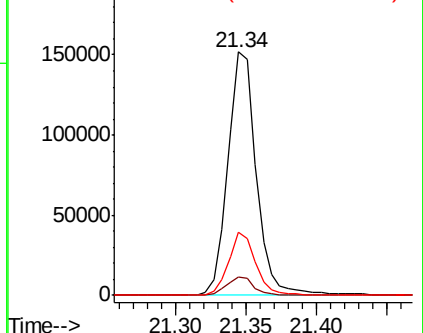
236 26.0 20.9 31.3



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: 74.189 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020325.D

Acq: 13 May 2019 20:33

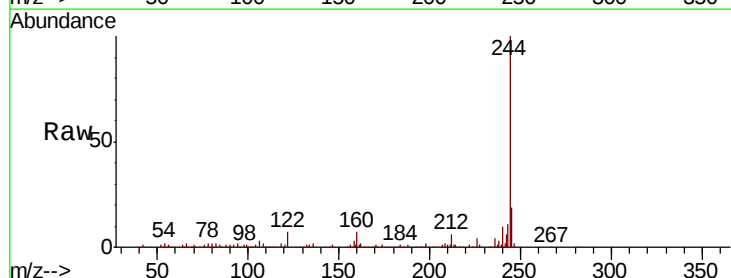
Tgt Ion:244 Resp: 905138

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

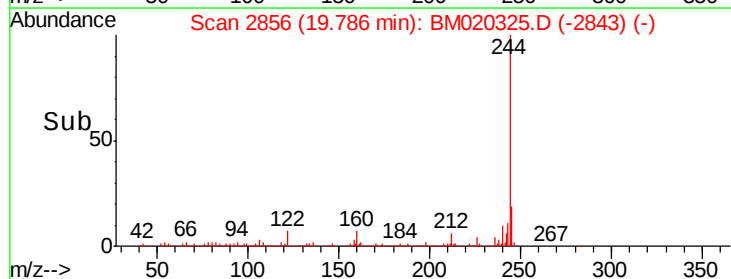
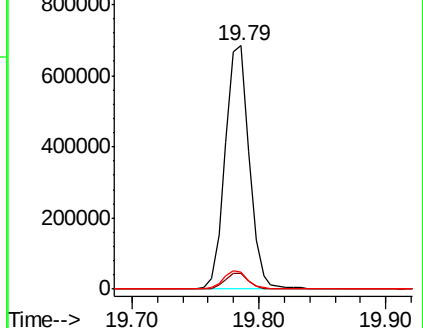
122 7.2 6.2 9.2

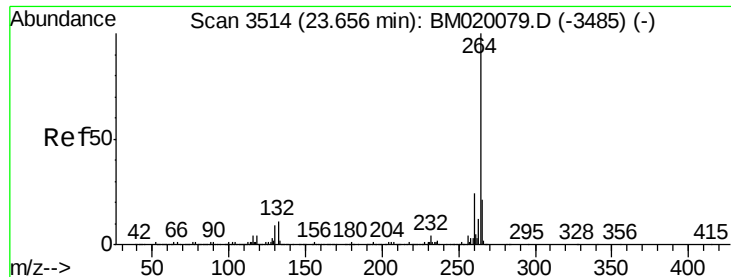


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020325.D
Acq: 13 May 2019 20:33

Instrument :
BNA_M
ClientSampleId :
P026-SS017-0206-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	16.9	25.3

