

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051319\
 Data File : BM020313.D
 Acq On : 13 May 2019 13:22
 Operator : JU/SJ
 Sample : PB119670BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119670BL

Quant Time: May 14 03:47:44 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	60409	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	195060	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	121473	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	293752	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	331155	20.00	ng	-0.02
87) Perylene-d12	23.63	264	384168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	448155	121.27	ng	-0.02
7) Phenol-d6	6.93	99	564626	111.83	ng	-0.02
23) Nitrobenzene-d5	8.93	82	384235	77.77	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	246790	130.89	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	784228	79.43	ng	-0.04
79) Terphenyl-d14	19.79	244	1527731	80.47	ng	-0.02

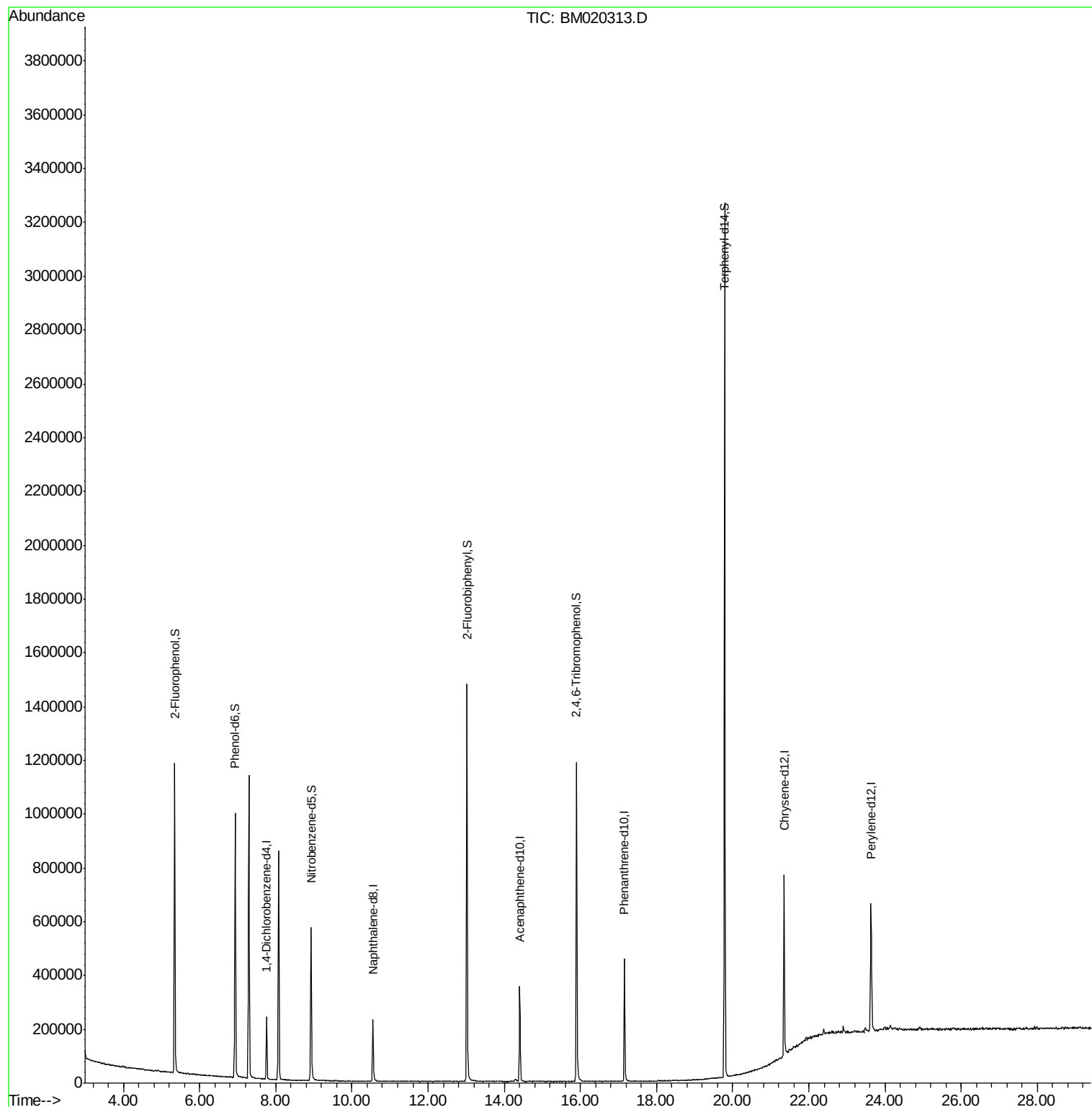
Target Compounds	Qvalue
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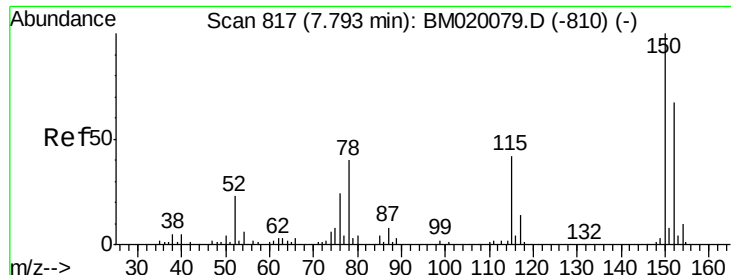
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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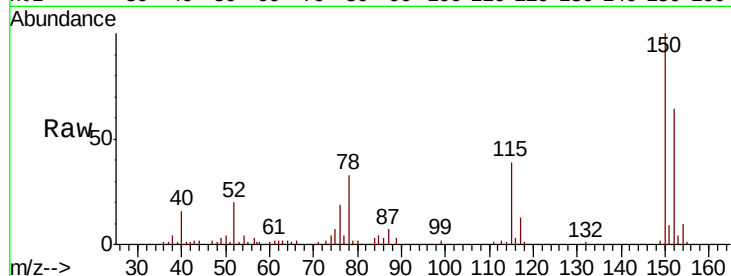


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 811
Delta R.T. -0.04 min
Lab File: BM020313.D
Acq: 13 May 2019 13:22

Instrument :
BNA_M
ClientSampleId :
PB119670BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	119.8	179.8
115	61.2	50.8	76.2

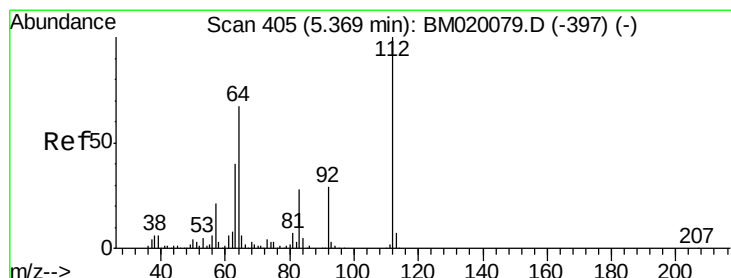
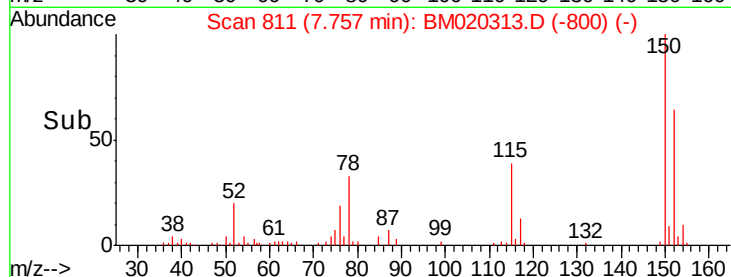
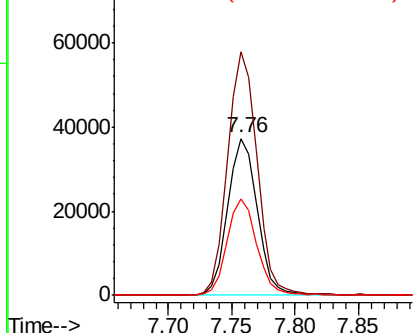


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

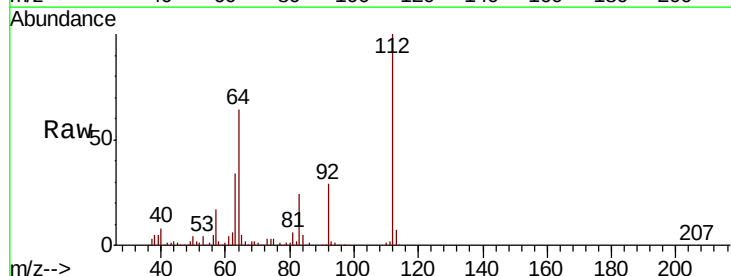
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.265 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020313.D
Acq: 13 May 2019 13:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.8	80.6
63	34.4	32.3	48.5

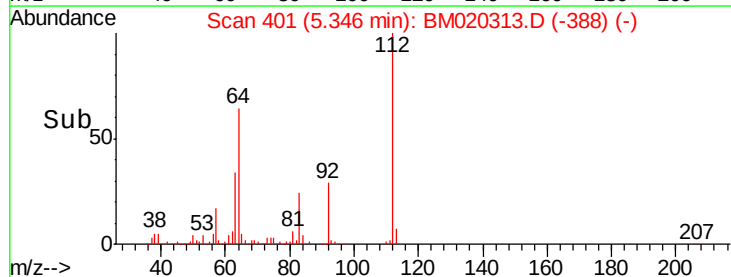
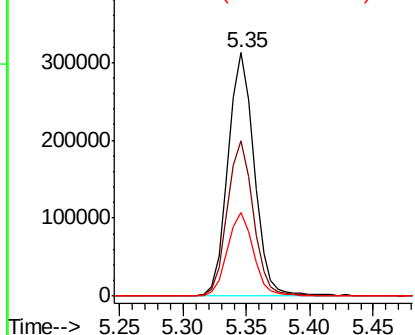


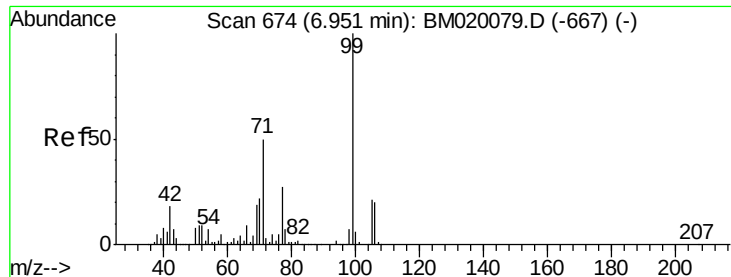
Abundance

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: 111.834 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020313.D

Acq: 13 May 2019 13:22

Instrument :

BNA_M

ClientSampleId :

PB119670BL

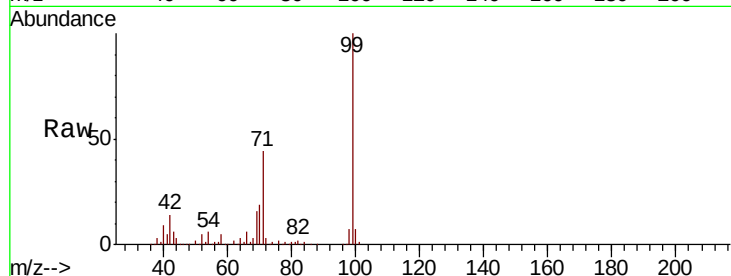
Tgt Ion: 99 Resp: 564626

Ion Ratio Lower Upper

99 100

42 13.6 14.2 21.2#

71 43.8 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020313.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020313.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020313.D (-657) (-)

6.93

400000

300000

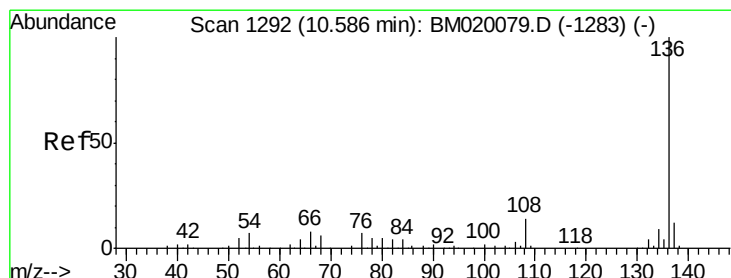
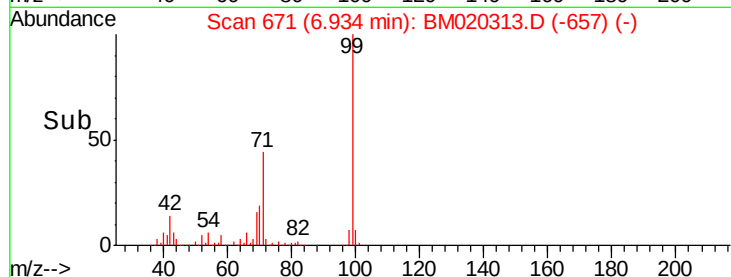
200000

100000

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: BM020313.D

Acq: 13 May 2019 13:22

Tgt Ion: 136 Resp: 195060

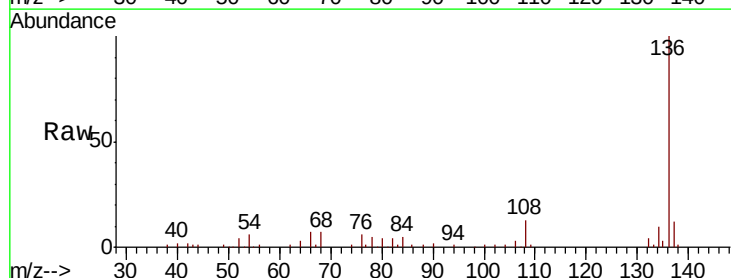
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 6.0 5.5 8.3

68 6.8 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): BM020313.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020313.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020313.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020313.D (-1275) (-)

10.55

150000

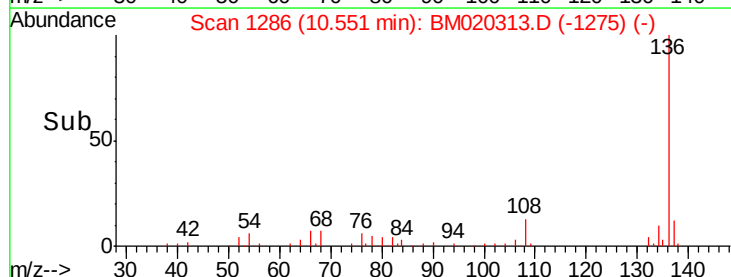
100000

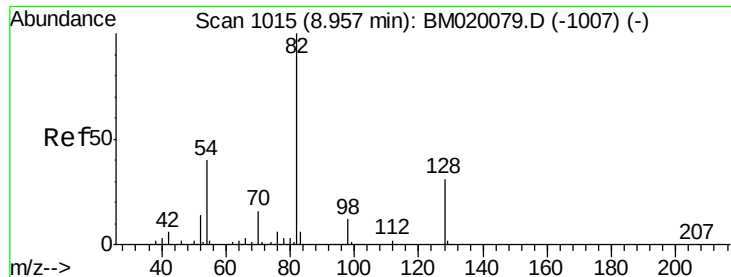
50000

0

10.50 10.55 10.60

Time-->

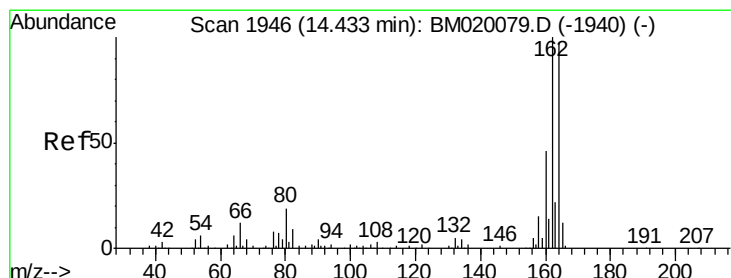
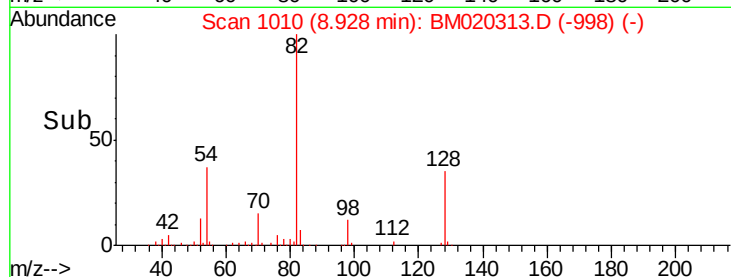
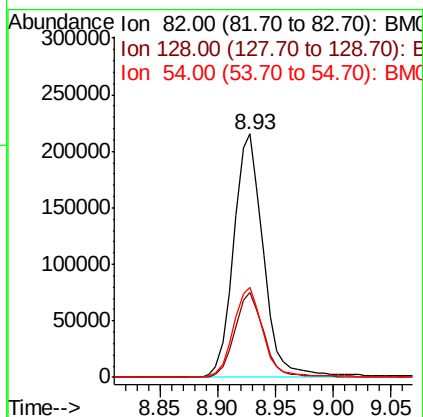
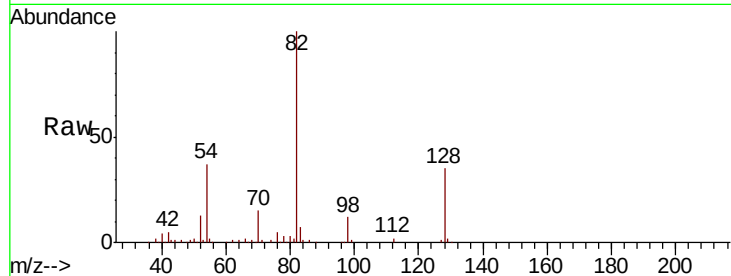




#23
Nitrobenzene-d5
Concen: 77.769 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020313.D
Acq: 13 May 2019 13:22

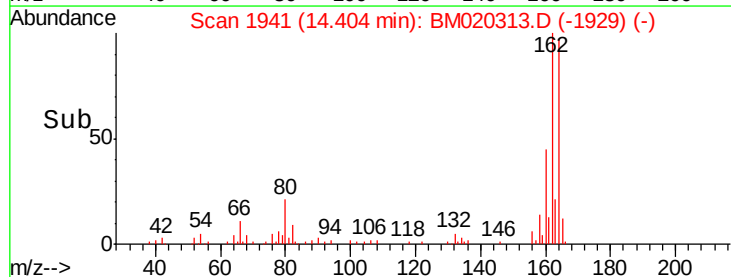
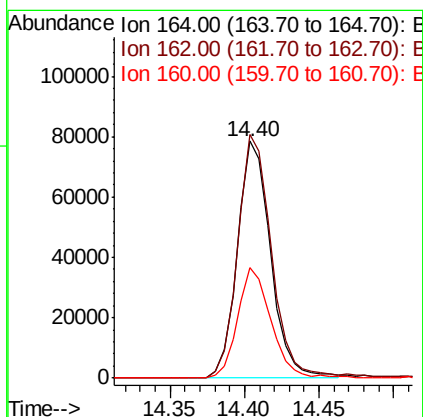
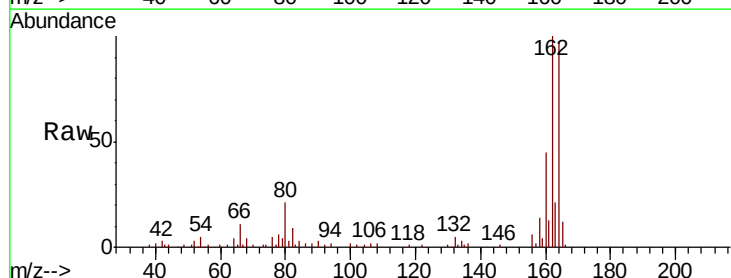
Instrument :
BNA_M
ClientSampleId :
PB119670BL

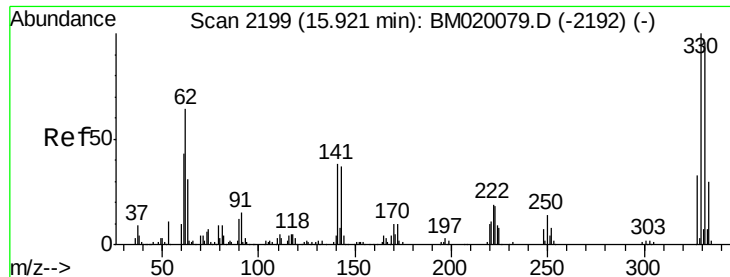
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	25.2	37.8
54	37.0	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020313.D
Acq: 13 May 2019 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	46.6	37.6	56.4

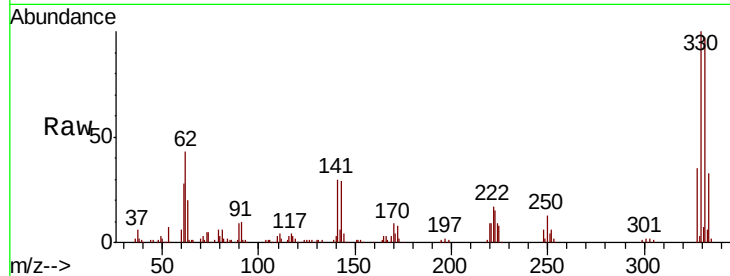




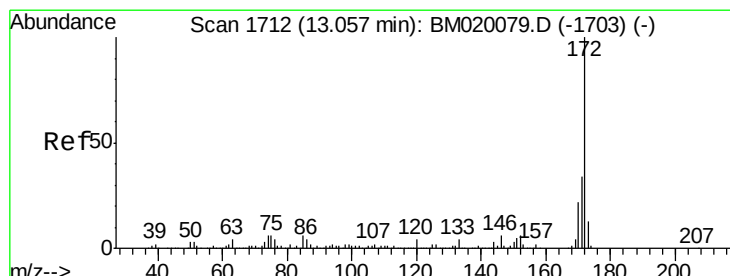
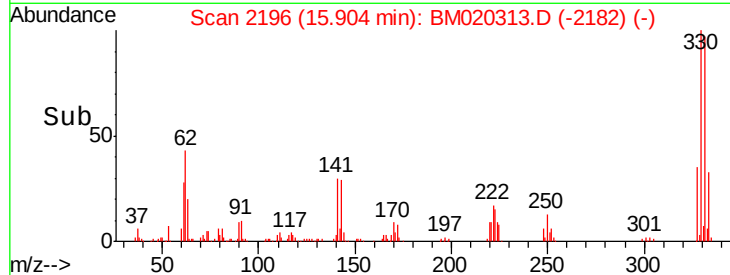
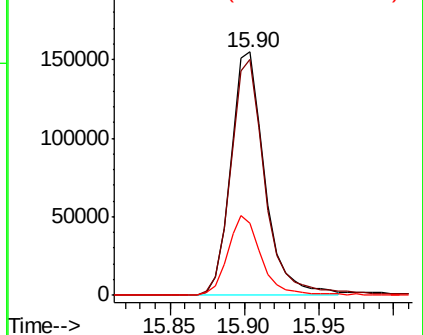
#42
 2,4,6-Tribromophenol
 Concen: 130.889 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020313.D
 Acq: 13 May 2019 13:22

Instrument :
 BNA_M
 ClientSampleId :
 PB119670BL

Tgt Ion:330 Resp: 246790
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 32.2 29.2 43.8

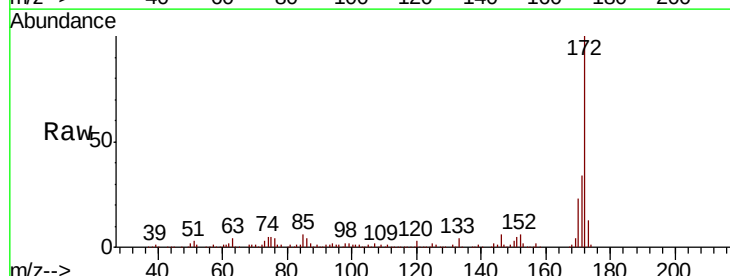


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

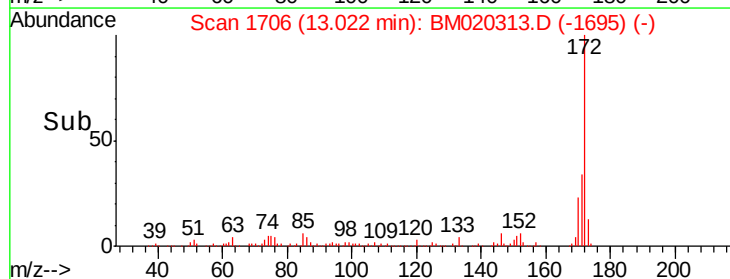
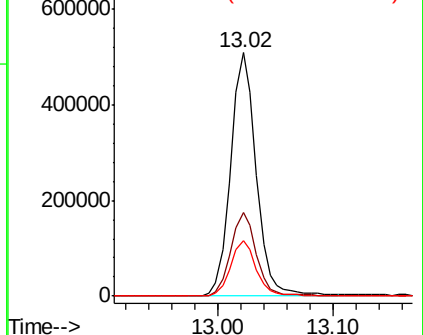


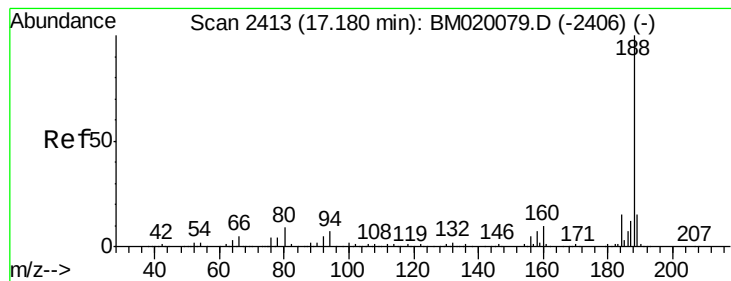
#45
 2-Fluorobiphenyl
 Concen: 79.432 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020313.D
 Acq: 13 May 2019 13:22

Tgt Ion:172 Resp: 784228
 Ion Ratio Lower Upper
 172 100
 171 34.4 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: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020313.D

Acq: 13 May 2019 13:22

Instrument :

BNA_M

ClientSampleId :

PB119670BL

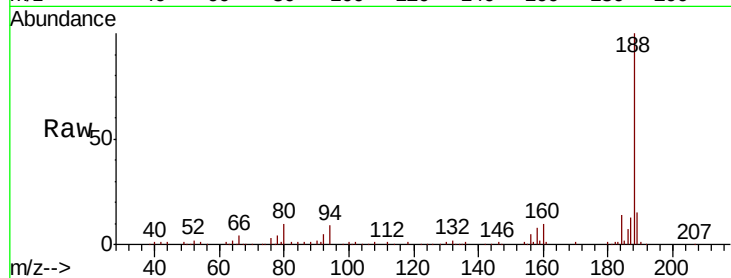
Tgt Ion:188 Resp: 293752

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.6#

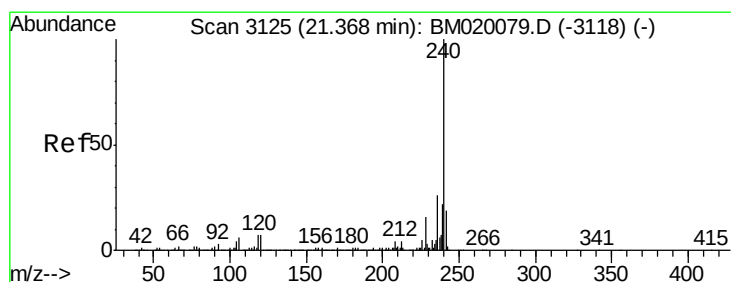
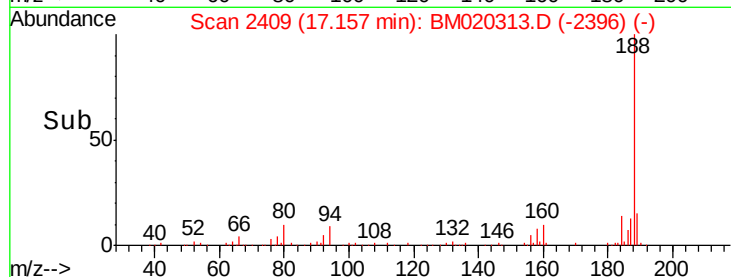
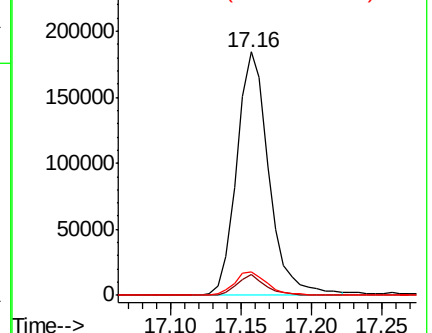
80 9.6 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BM020313.D

Acq: 13 May 2019 13:22

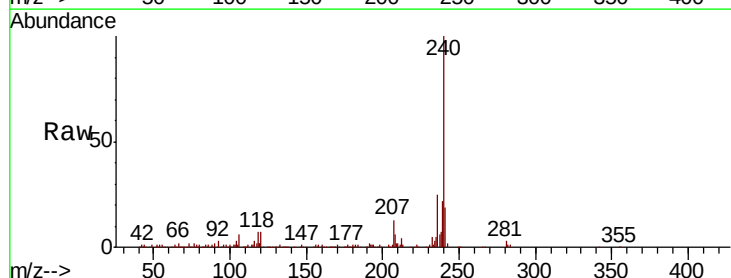
Tgt Ion:240 Resp: 331155

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

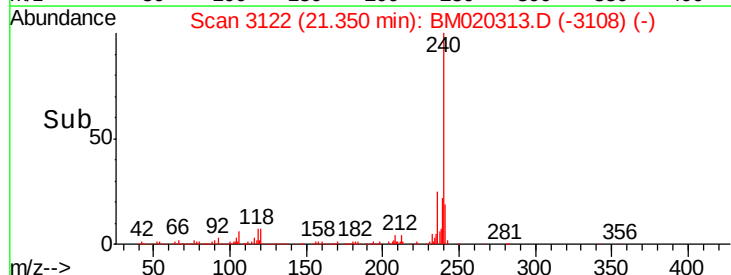
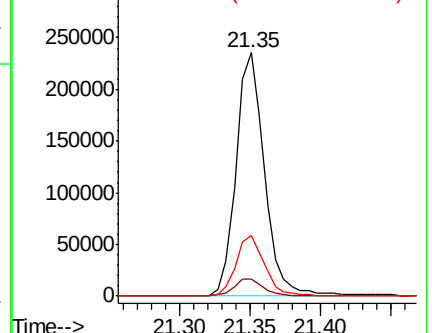
236 24.7 20.9 31.3

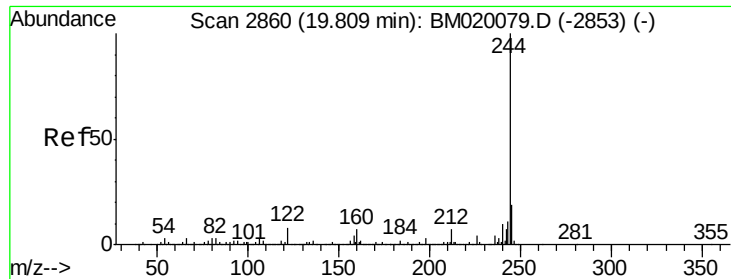


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.467 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020313.D

Acq: 13 May 2019 13:22

Instrument :

BNA_M

ClientSampleId :

PB119670BL

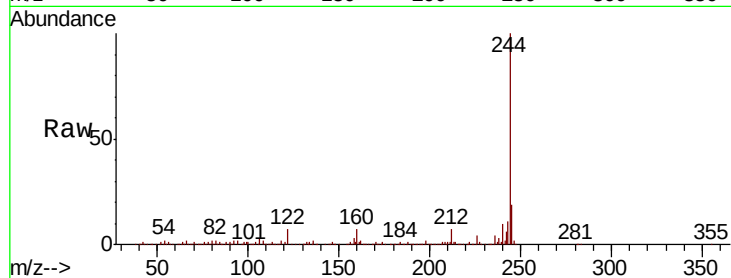
Tgt Ion:244 Resp: 1527731

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

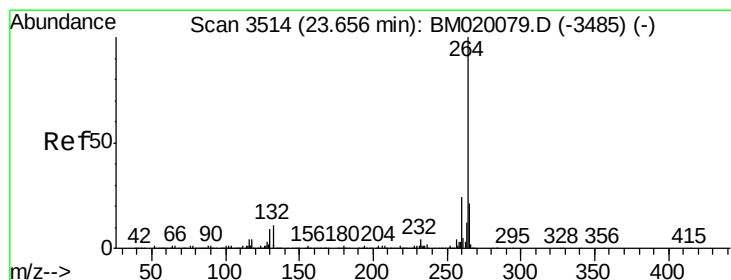
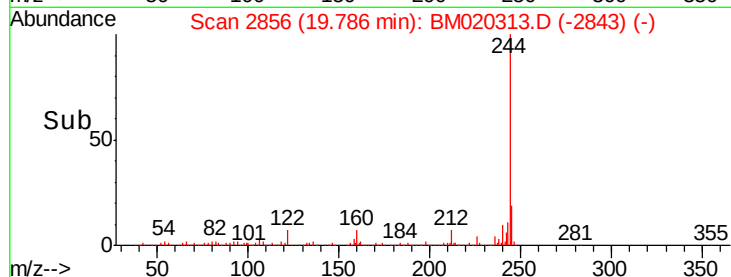
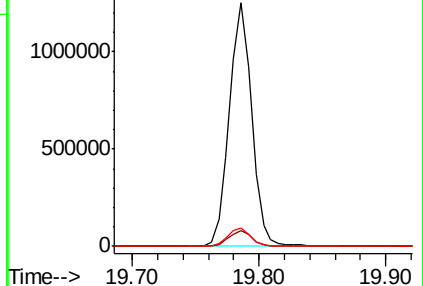
122 7.5 6.2 9.2



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: BM020313.D

Acq: 13 May 2019 13:22

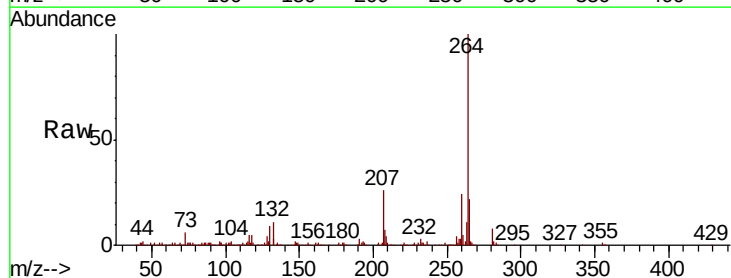
Tgt Ion:264 Resp: 384168

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 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

