

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020164.D
 Acq On : 07 May 2019 11:15
 Operator : JU/SJ
 Sample : K2672-06 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 07 13:11:08 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	7.80	152	195460	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	732886	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	392237	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	856489	20.00	ng	0.01
76) Chrysene-d12	21.37	240	841369	20.00	ng	0.00
87) Perylene-d12	23.67	264	991985	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	83593	6.99	ng	0.01
7) Phenol-d6	6.96	99	115217	7.05	ng	0.01
23) Nitrobenzene-d5	8.96	82	66674	3.59	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	36212	5.95	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	140640	4.41	ng	0.00
79) Terphenyl-d14	19.81	244	189024	3.92	ng	0.00

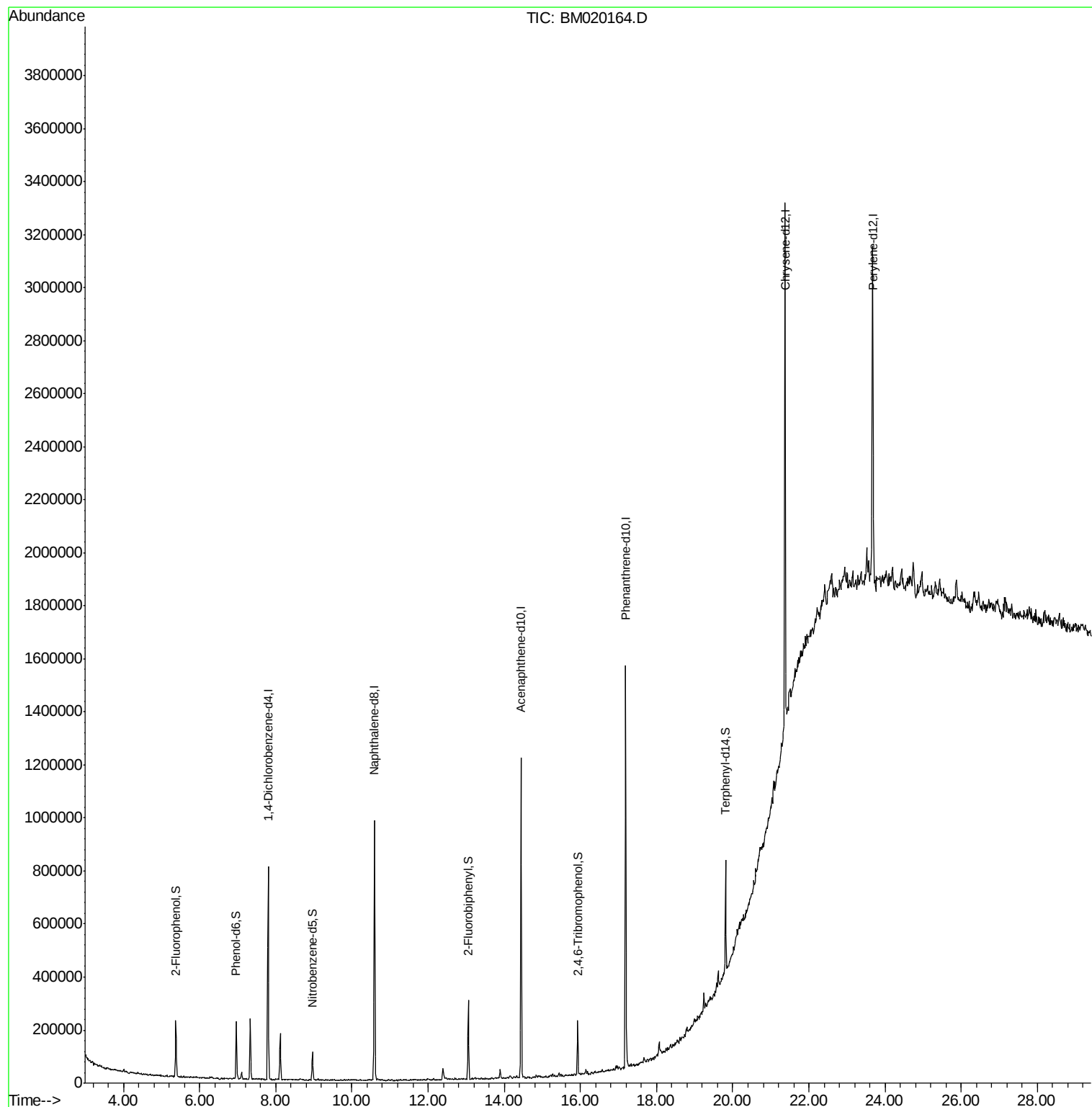
Target Compounds Qvalue

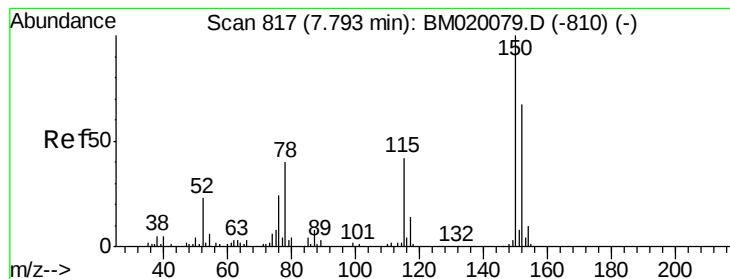
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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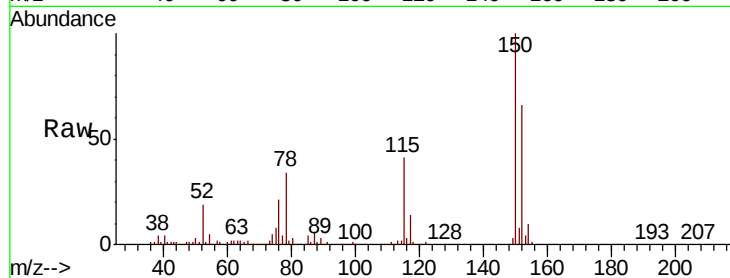


#1

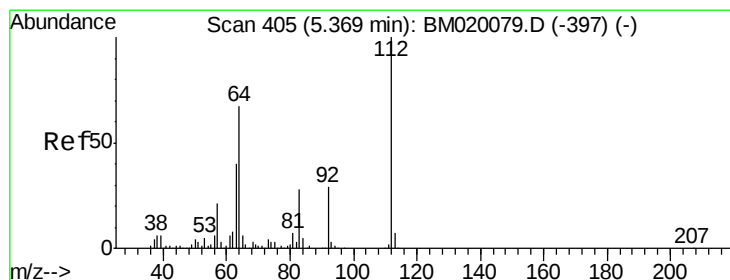
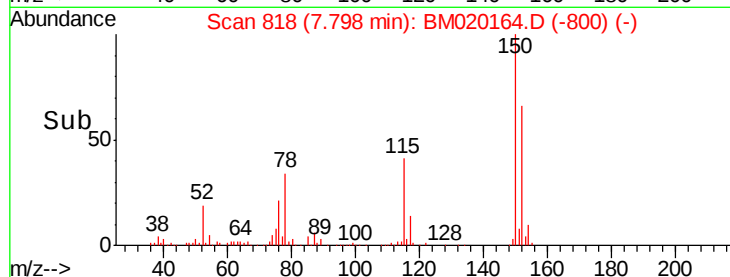
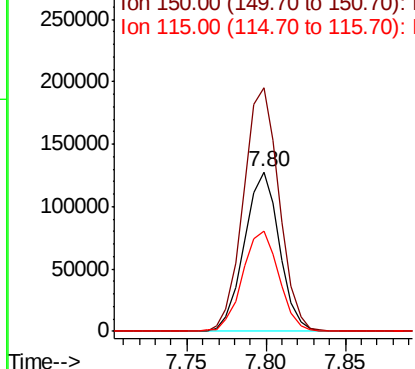
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 818
Delta R.T. 0.01 min
Lab File: BM020164.D
Acq: 07 May 2019 11:15

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.8	179.8
115	62.4	50.8	76.2



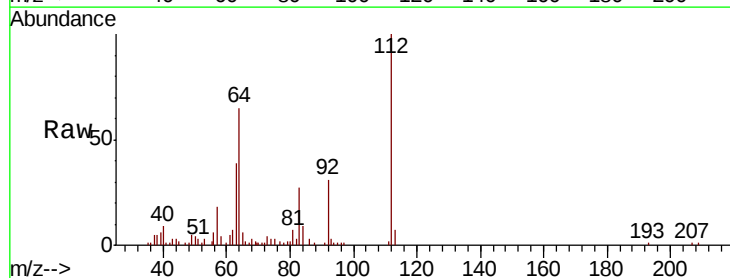
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



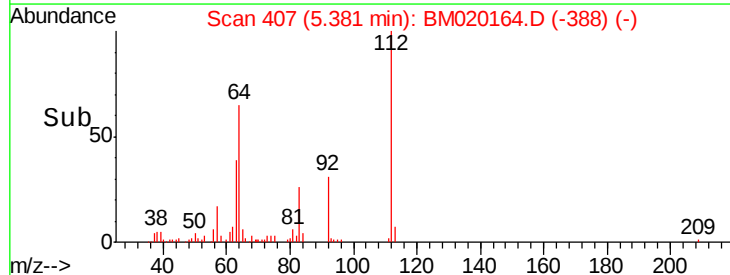
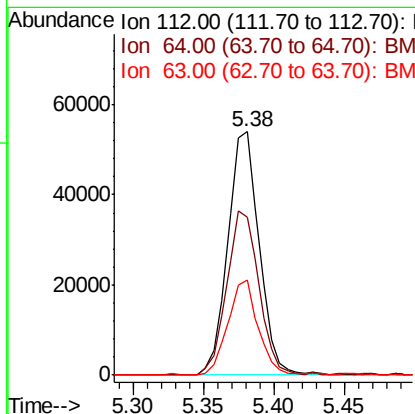
#5

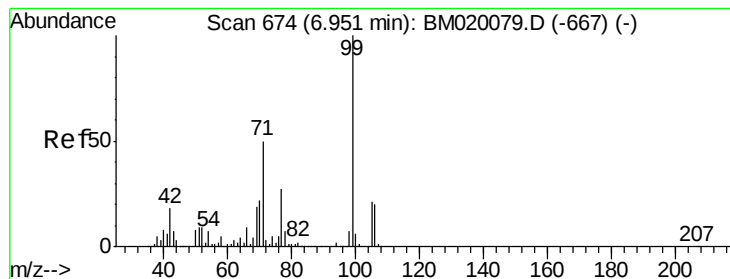
2-Fluorophenol
Concen: 6.991 ng
RT: 5.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: BM020164.D
Acq: 07 May 2019 11:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.8	80.6
63	39.2	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: 7.053 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Instrument :

BNA_M

ClientSampled :

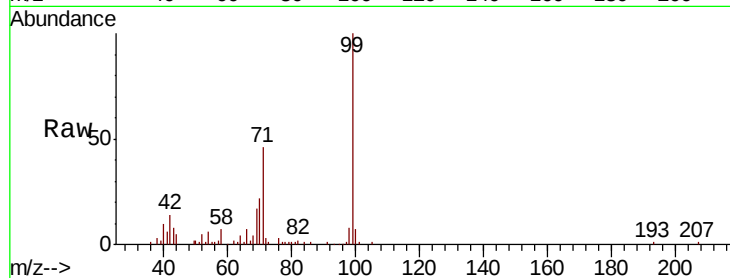
Tot Ion: 99 Resp: 115217

Ion Ratio Lower Upper

99 100

42 13.8 14.2 21.2#

71 46.2 40.3 60.5

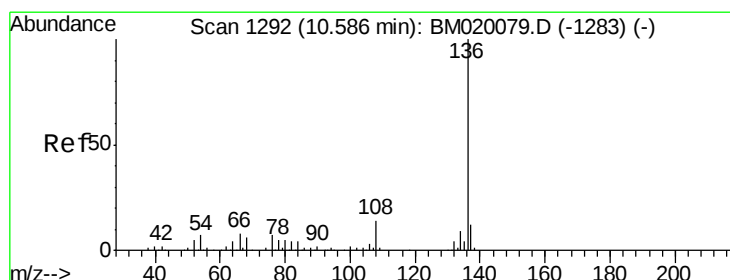
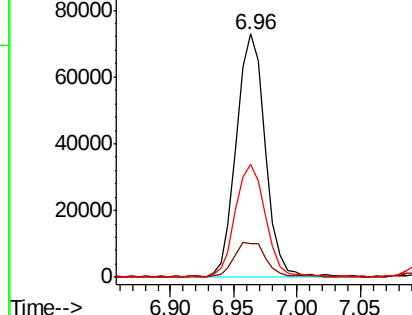
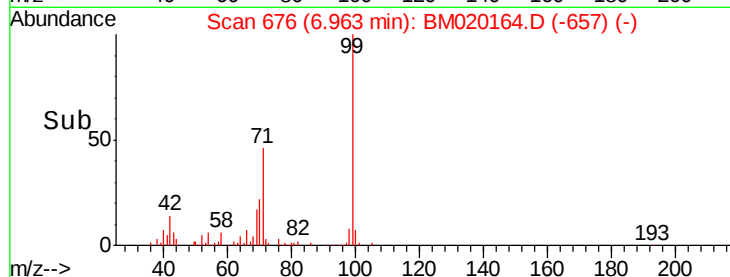


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Tgt Ion: 136 Resp: 732886

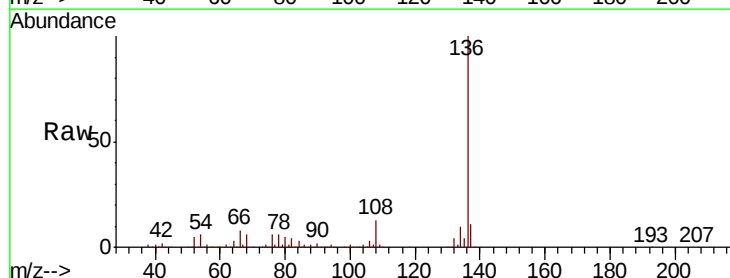
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.4 5.5 8.3

68 6.4 4.6 6.8



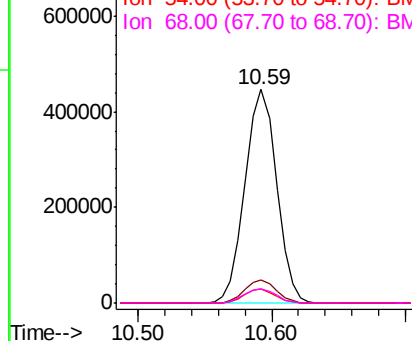
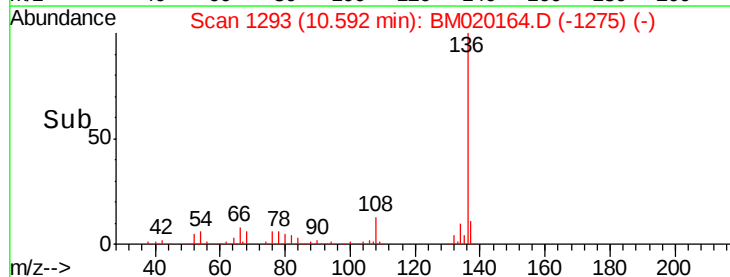
Abundance

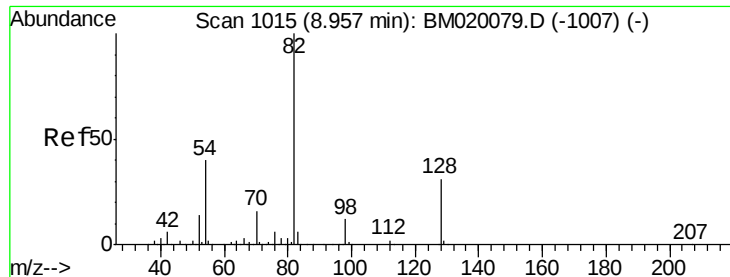
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

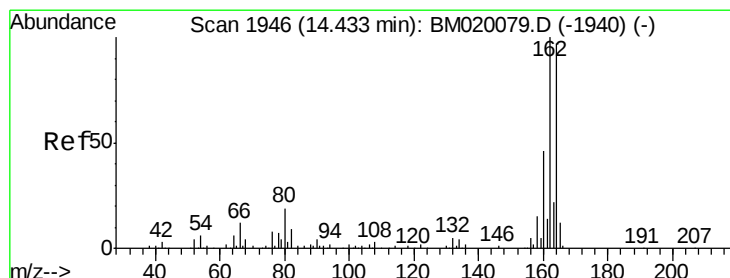
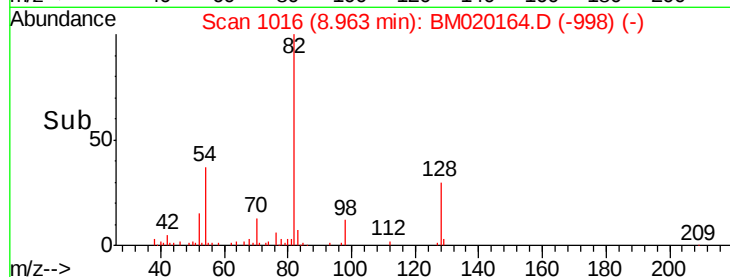
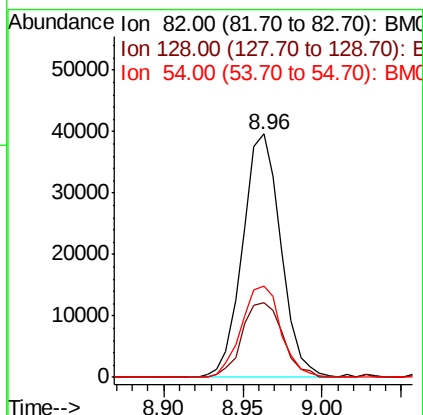
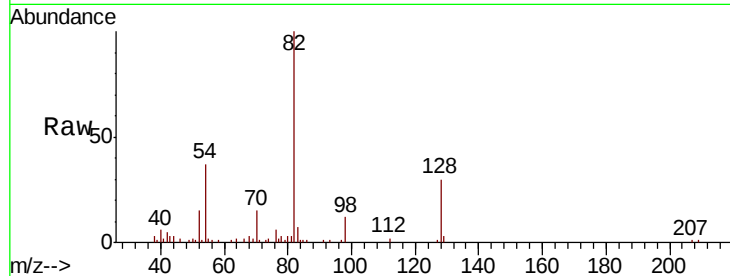




#23
 Nitrobenzene-d5
 Concen: 3.592 ng
 RT: 8.96 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BM020164.D
 Acq: 07 May 2019 11:15

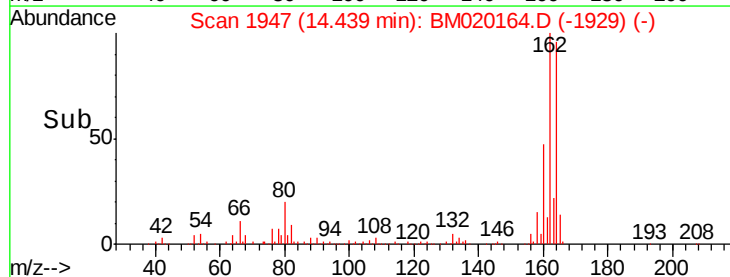
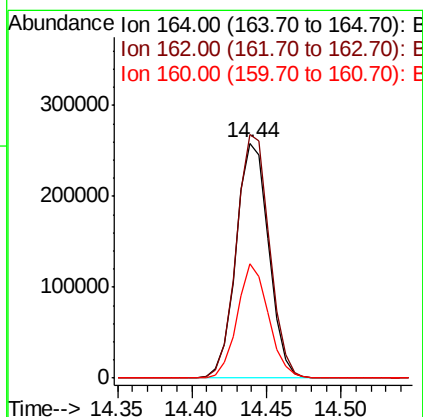
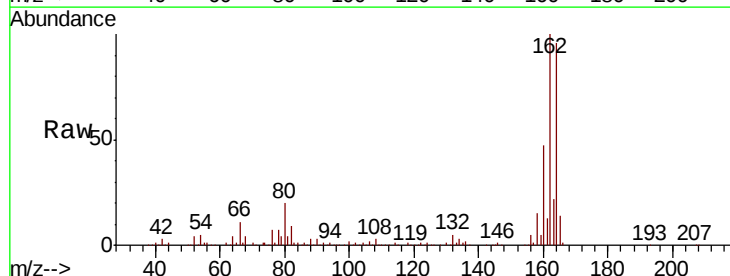
Instrument :
 BNA_M
 ClientSampled :

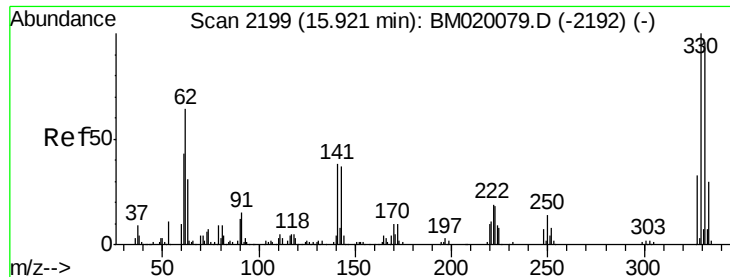
Tot Ion	82	Resp	66674
Ion Ratio	Lower	Upper	
82	100		
128	30.4	25.2	37.8
54	37.4	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: BM020164.D
 Acq: 07 May 2019 11:15

Tgt Ion	164	Resp	392237
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.2	123.2
160	48.5	37.6	56.4

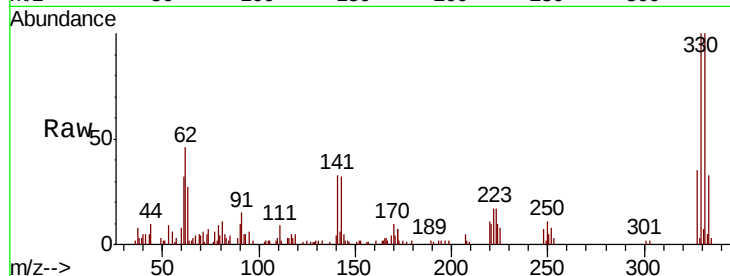




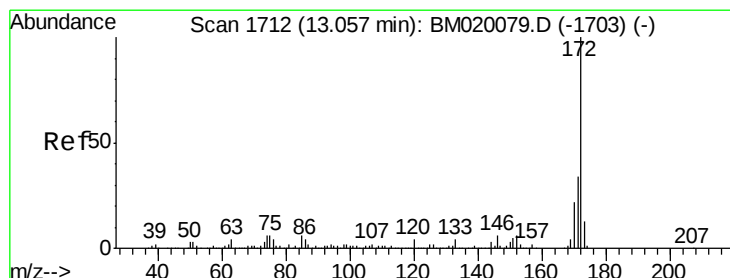
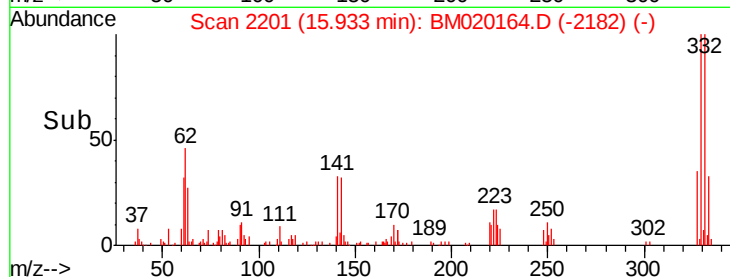
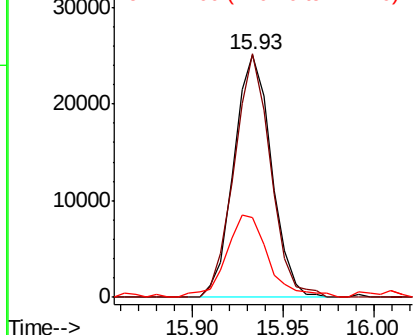
#42
 2,4,6-Tribromophenol
 Concen: 5.948 ng
 RT: 15.93 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BM020164.D
 Acq: 07 May 2019 11:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 36212
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 37.9 29.2 43.8

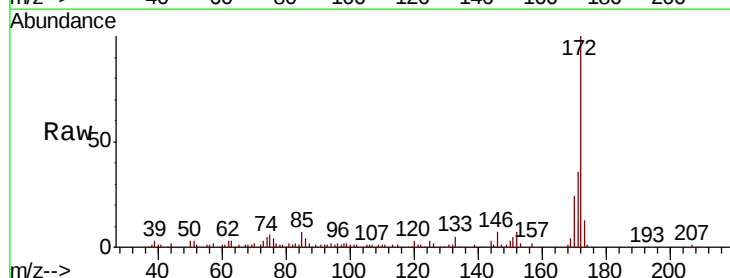


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

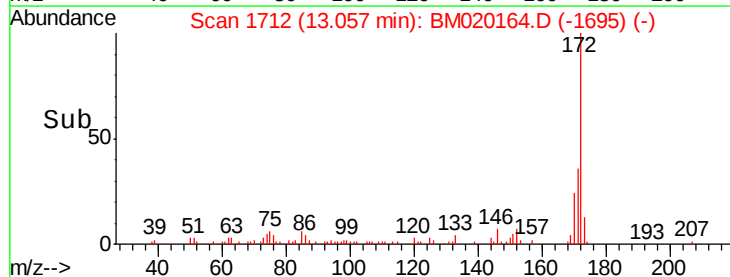
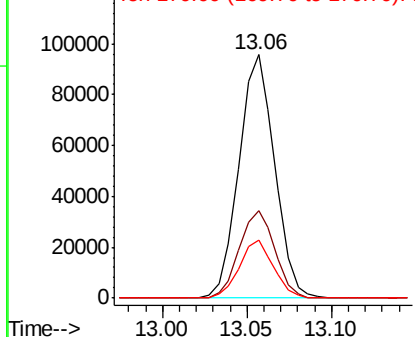


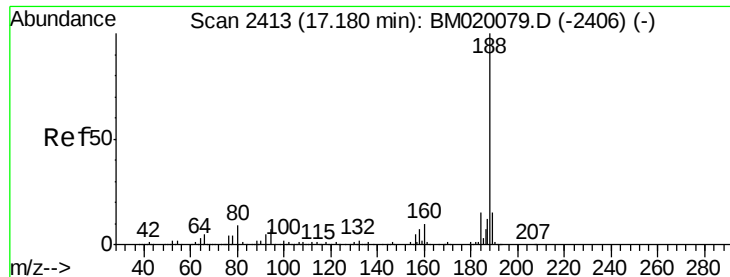
#45
 2-Fluorobiphenyl
 Concen: 4.412 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM020164.D
 Acq: 07 May 2019 11:15

Tgt Ion:172 Resp: 140640
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.3 40.9
 170 23.9 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: 17.19 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Instrument :

BNA_M

ClientSampleId :

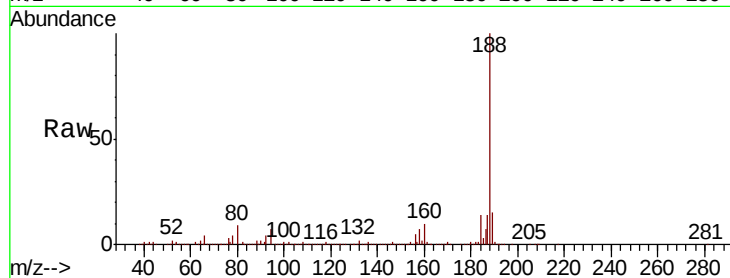
Tot Ion:188 Resp: 856489

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

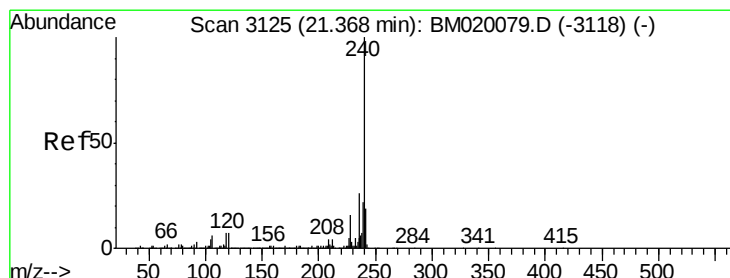
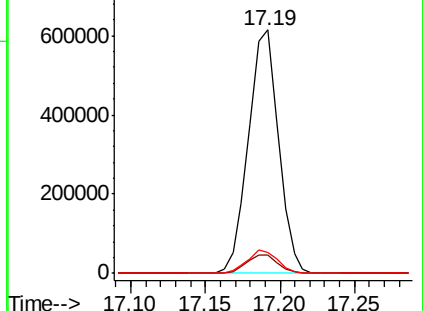
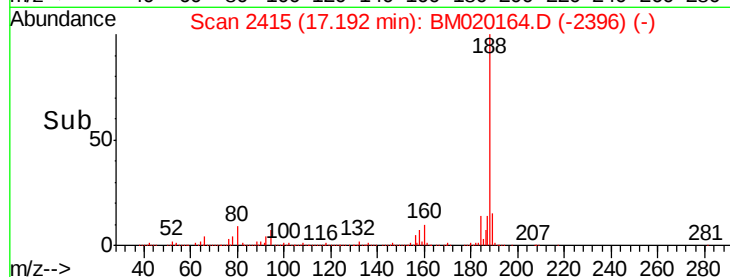
80 8.8 7.4 11.2



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: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

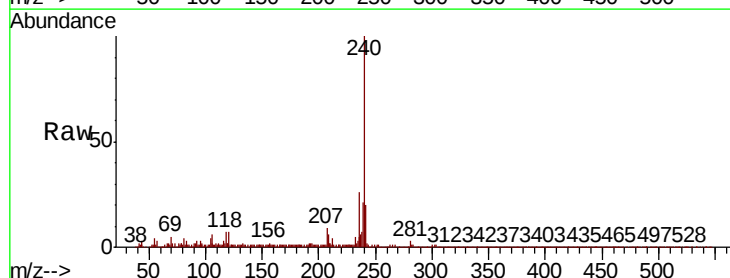
Tgt Ion:240 Resp: 841369

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

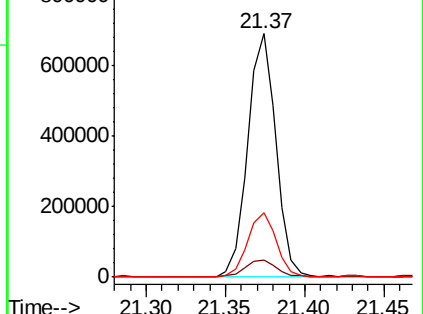
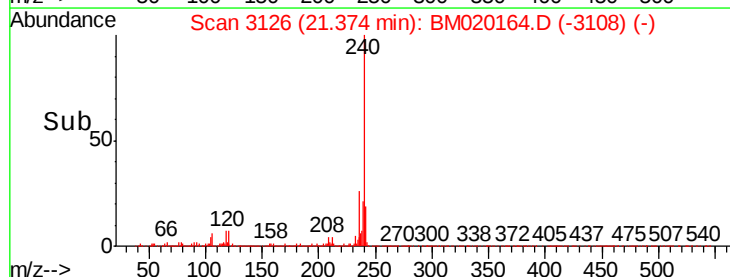
236 26.4 20.9 31.3

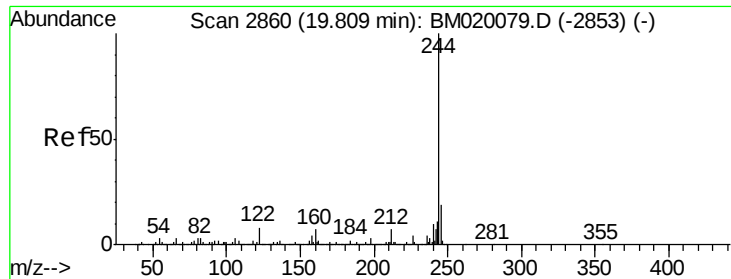


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 3.919 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Instrument :

BNA_M

ClientSampleId :

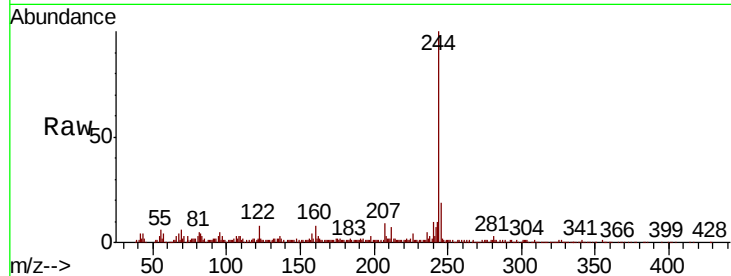
Tot Ion:244 Resp: 189024

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

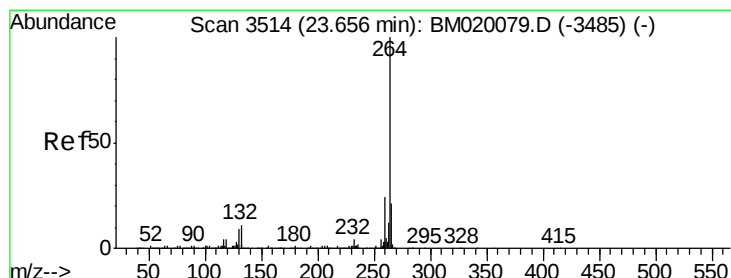
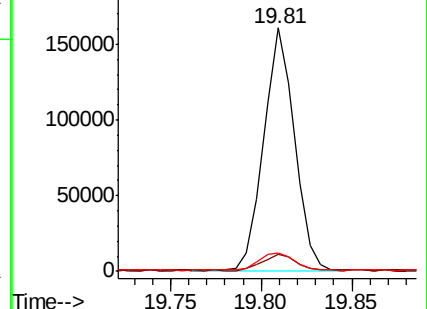
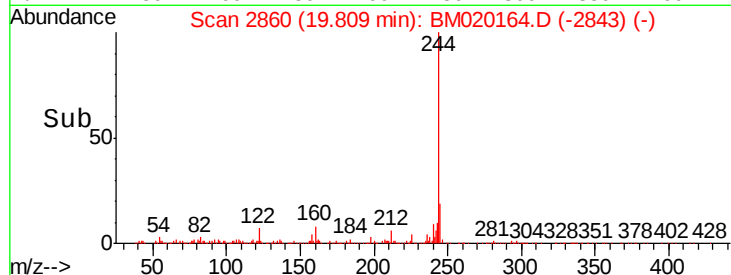
122 7.8 6.2 9.2



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: 23.67 min Scan# 3517

Delta R.T. 0.02 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

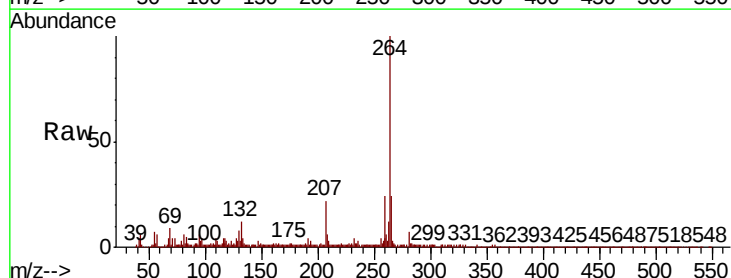
Tgt Ion:264 Resp: 991985

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 23.5 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

