

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020541.D
 Acq On : 24 May 2019 06:25
 Operator : JU/SJ
 Sample : K2997-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 07:03:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	53598	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	169563	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	100448	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	266414	20.00	ng	0.00
76) Chrysene-d12	21.27	240	310188	20.00	ng	-0.01
87) Perylene-d12	23.51	264	374486	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	239110	72.92	ng	0.00
7) Phenol-d6	6.84	99	303824	67.82	ng	-0.01
23) Nitrobenzene-d5	8.83	82	201904	47.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	136010	87.23	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	433074	53.05	ng	-0.01
79) Terphenyl-d14	19.71	244	864399	48.61	ng	-0.01

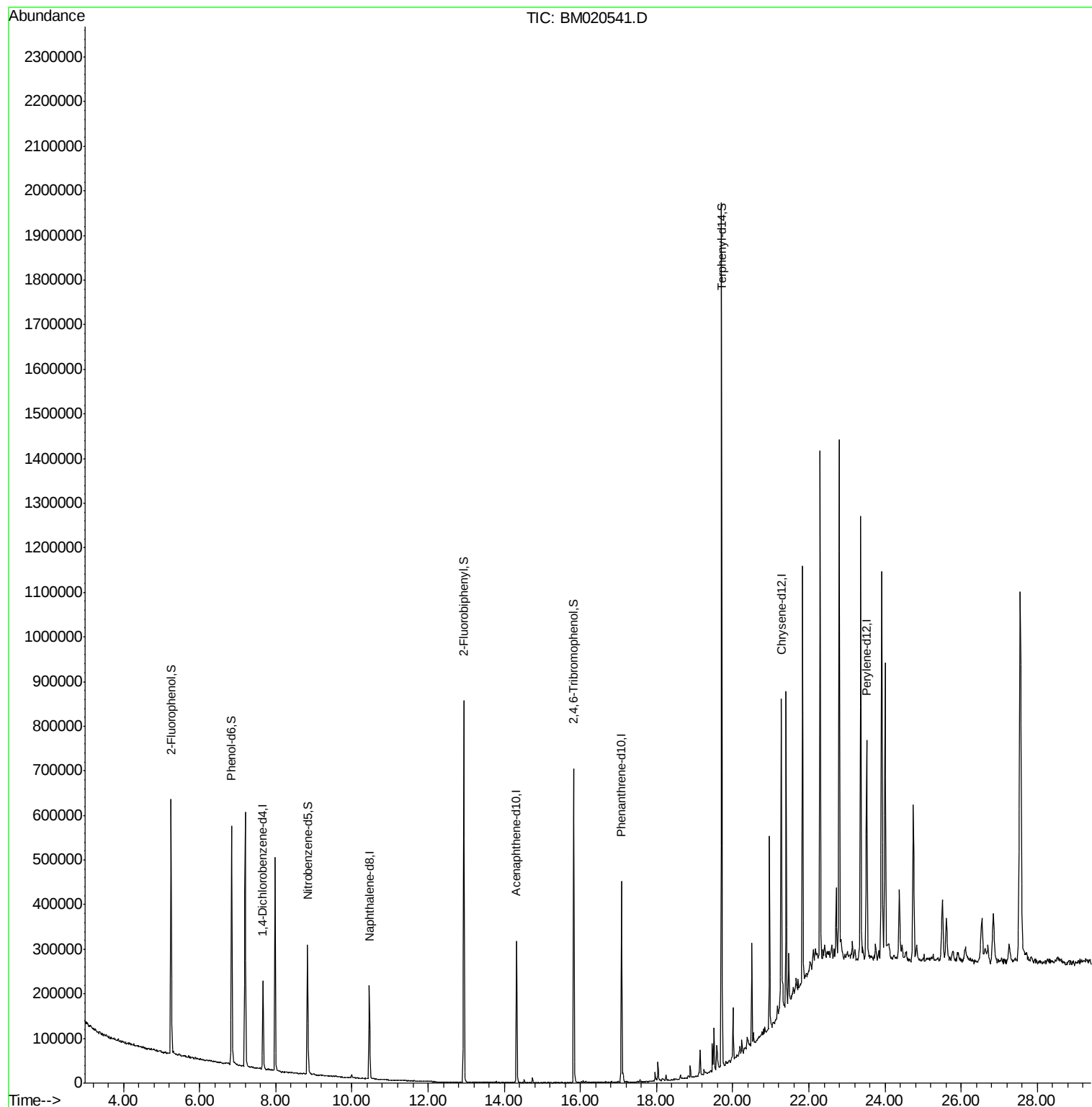
Target Compounds Qvalue

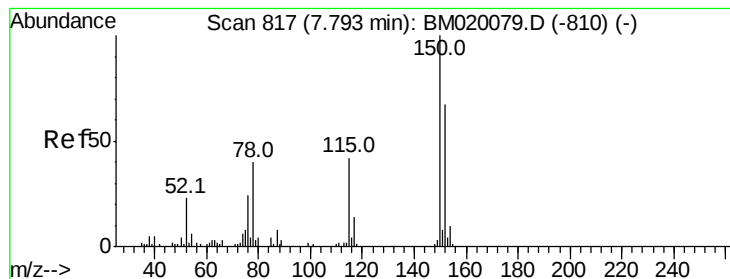
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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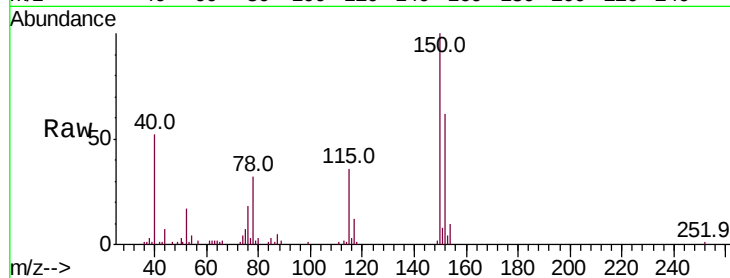


#1

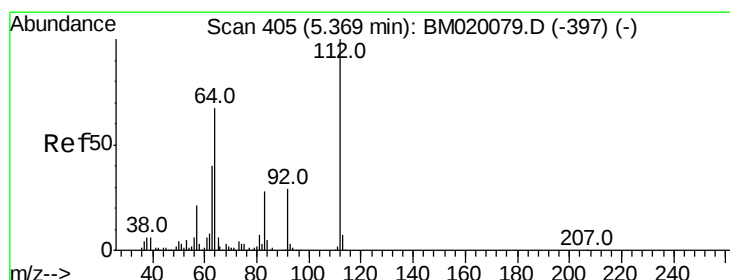
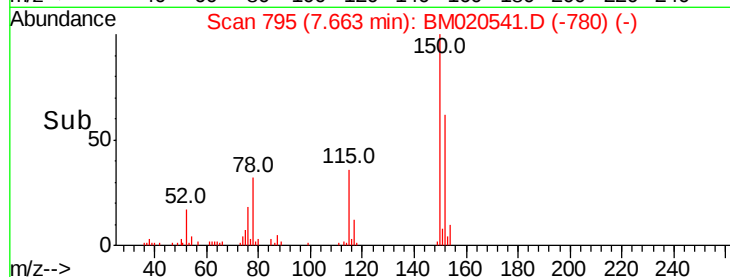
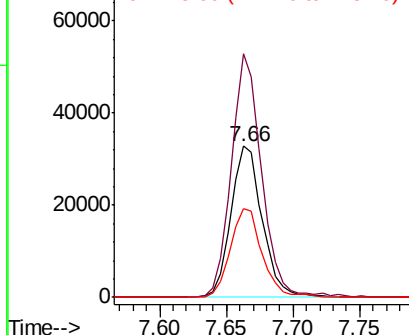
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM020541.D
Acq: 24 May 2019 06:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 53598
Ion Ratio Lower Upper
152 100
150 161.2 119.8 179.8
115 58.8 50.8 76.2



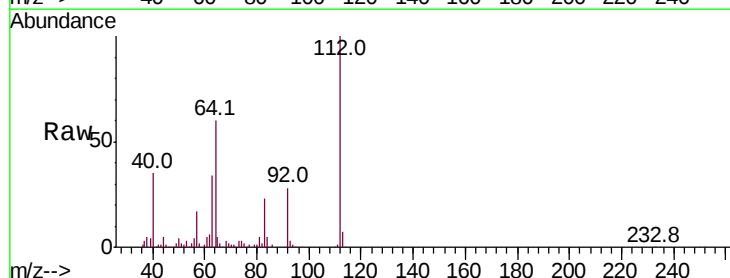
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



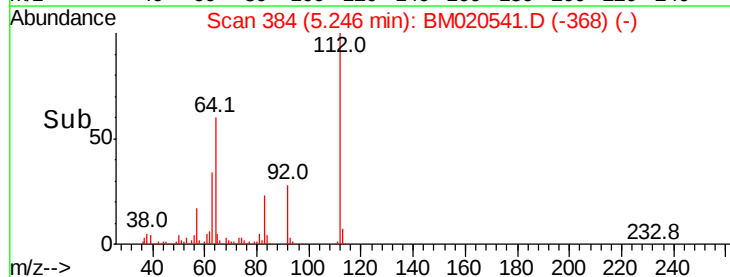
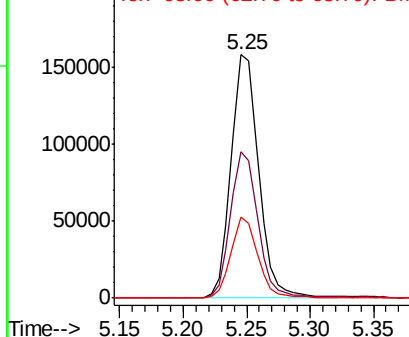
#5

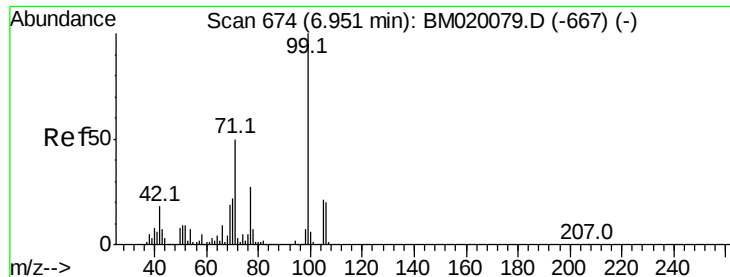
2-Fluorophenol
Concen: 72.922 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM020541.D
Acq: 24 May 2019 06:25

Tgt Ion:112 Resp: 239110
Ion Ratio Lower Upper
112 100
64 60.0 53.8 80.6
63 33.6 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: 67.825 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020541.D

Acq: 24 May 2019 06:25

Instrument :

BNA_M

ClientSampled :

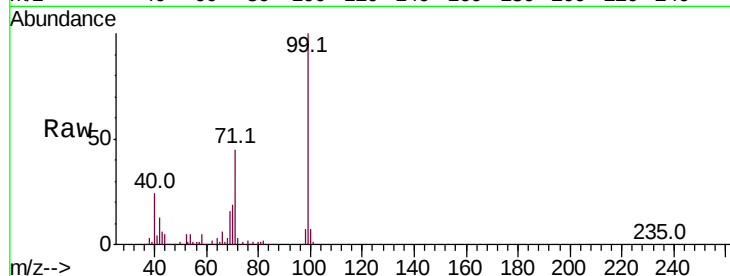
Tot Ion: 99 Resp: 303824

Ion Ratio Lower Upper

99 100

42 12.8 14.2 21.2#

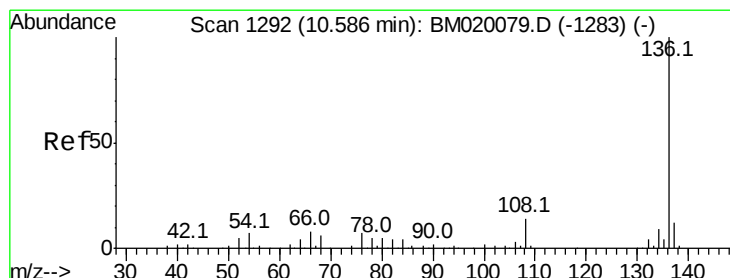
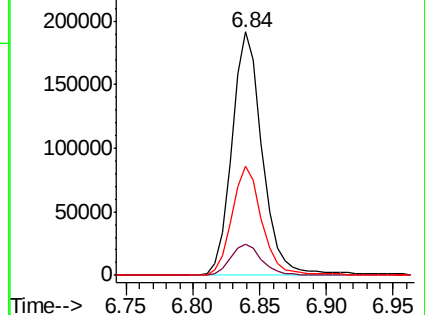
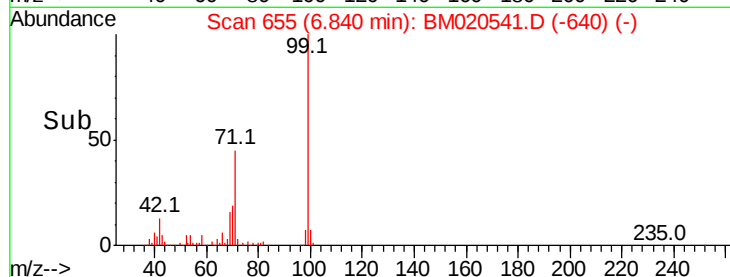
71 44.7 40.3 60.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020541.D

Acq: 24 May 2019 06:25

Tgt Ion: 136 Resp: 169563

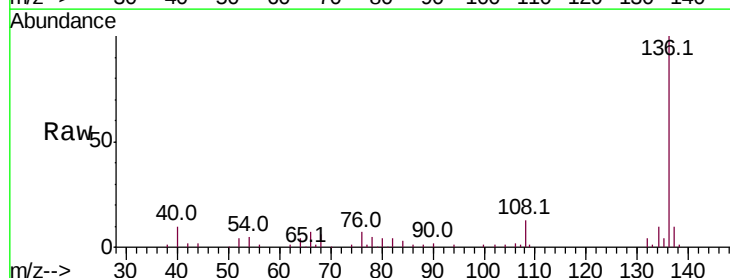
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 5.3 5.5 8.3#

68 6.4 4.6 6.8

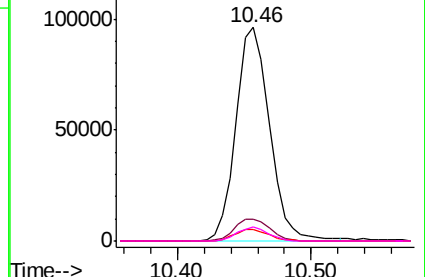
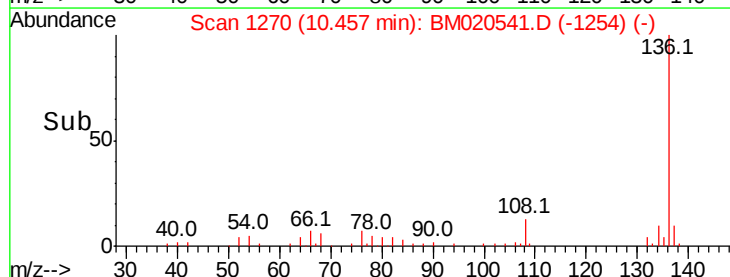


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

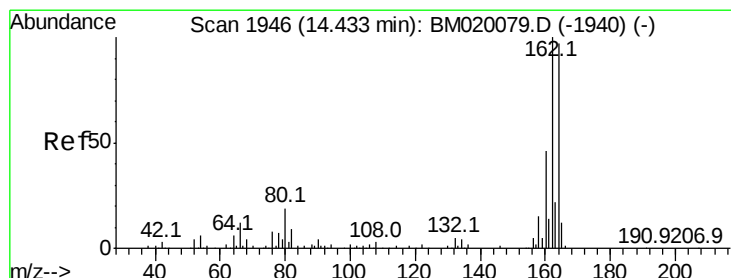
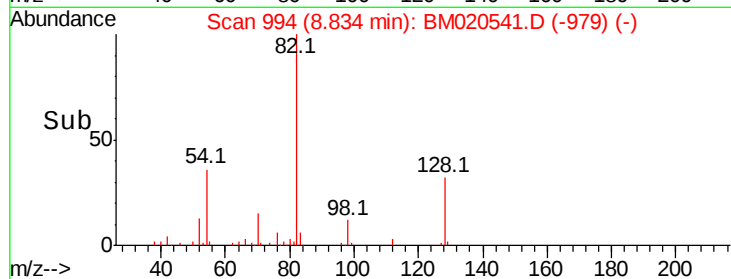
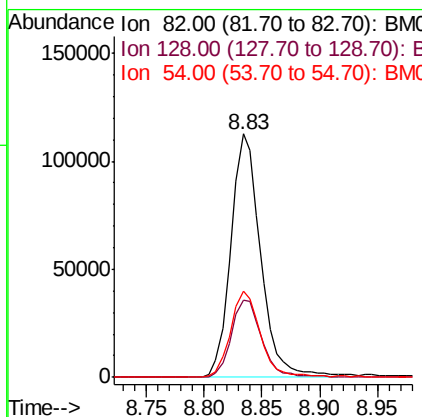
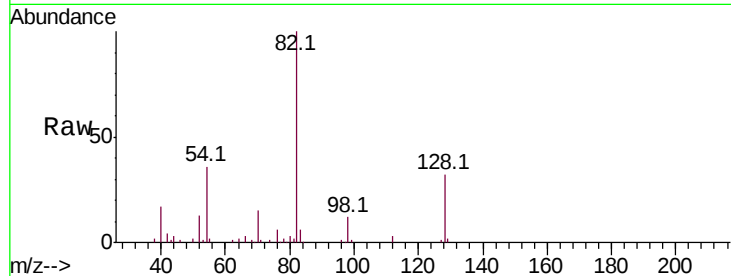




#23
 Nitrobenzene-d5
 Concen: 47.010 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM020541.D
 Acq: 24 May 2019 06:25

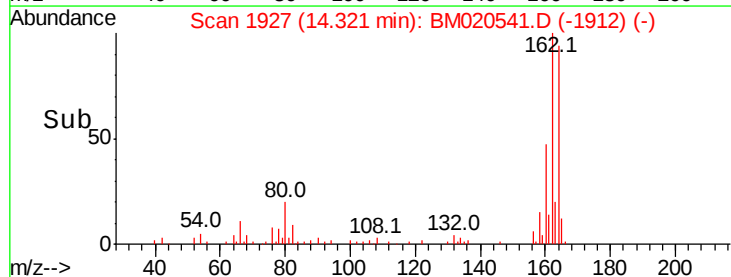
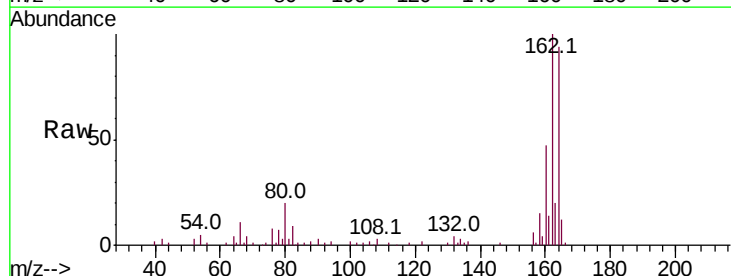
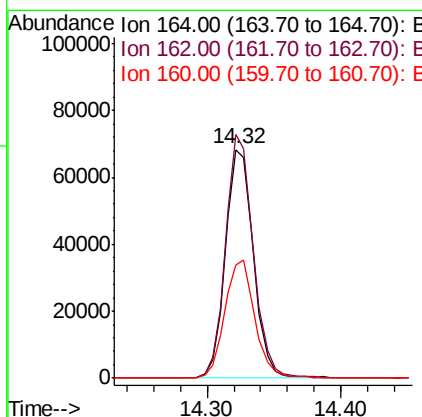
Instrument :
 BNA_M
 ClientSampled :

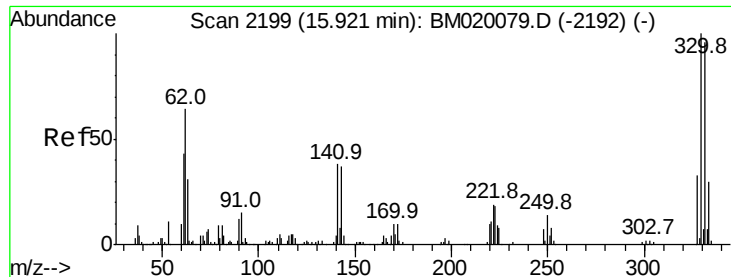
Tot Ion	82	Resp	201904
Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.2	37.8
54	35.6	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BM020541.D
 Acq: 24 May 2019 06:25

Tgt Ion	164	Resp	100448
Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.2	123.2
160	49.6	37.6	56.4

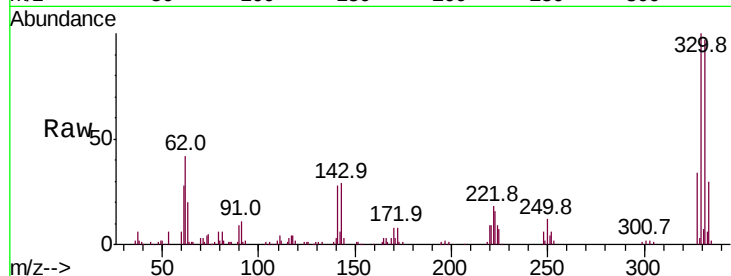




#42
 2,4,6-Tribromophenol
 Concen: 87.234 ng
 RT: 15.82 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BM020541.D
 Acq: 24 May 2019 06:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	28.3	29.2	43.8#

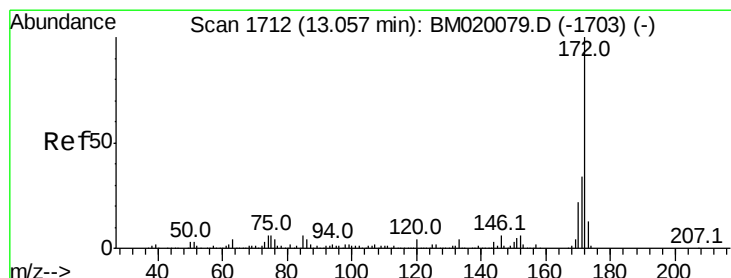
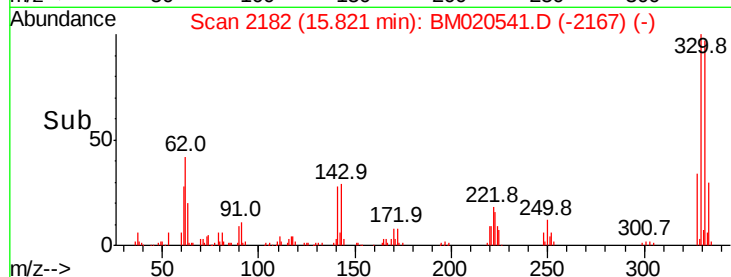
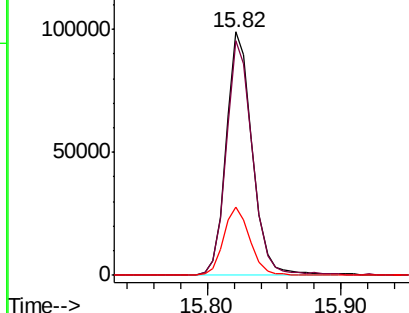


Abundance

Ion 329.80 (329.50 to 330.50): E

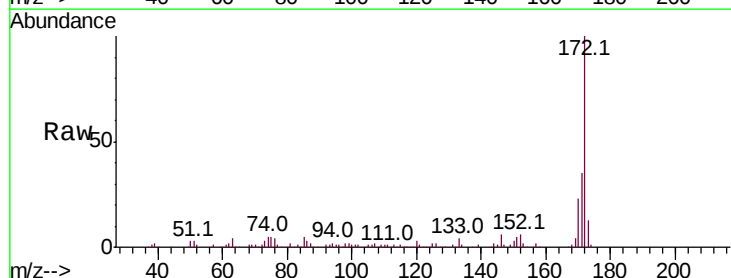
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.046 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BM020541.D
 Acq: 24 May 2019 06:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	23.0	17.9	26.9

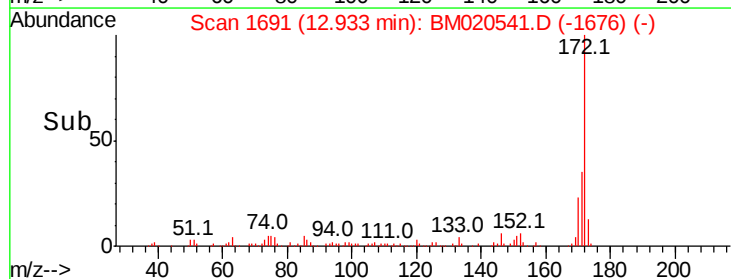
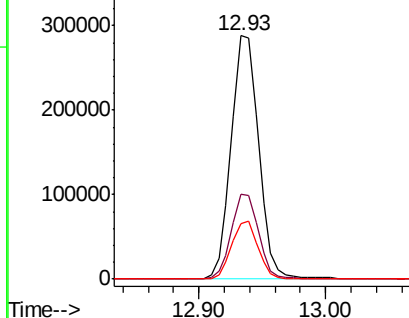


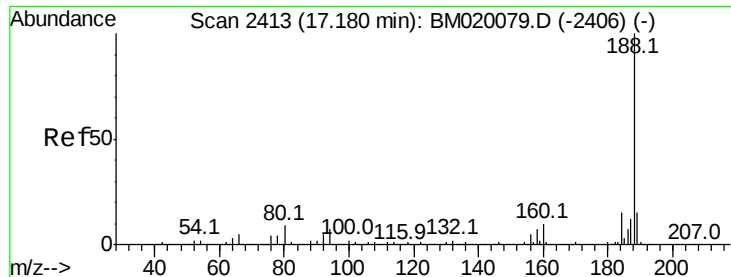
Abundance

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: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM020541.D

Acq: 24 May 2019 06:25

Instrument :

BNA_M

ClientSampled :

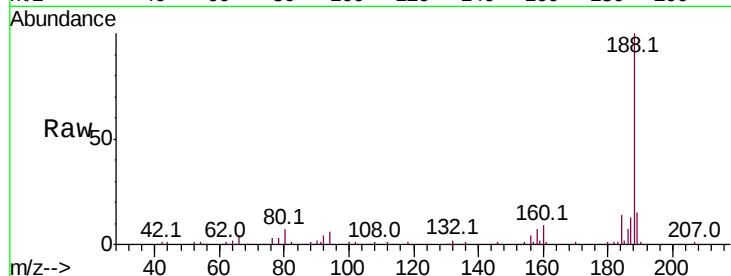
Tot Ion:188 Resp: 266414

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.6

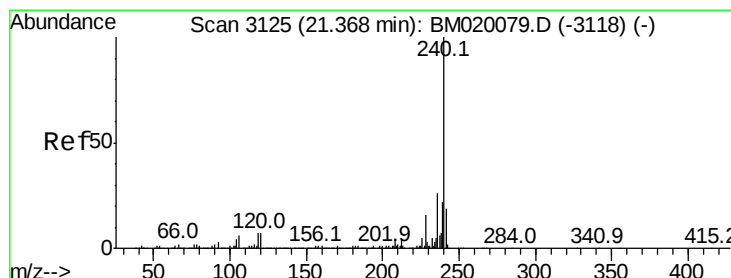
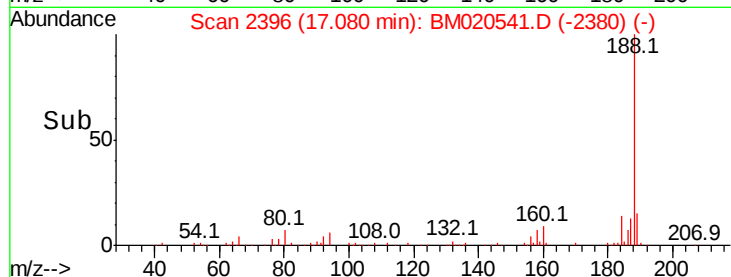
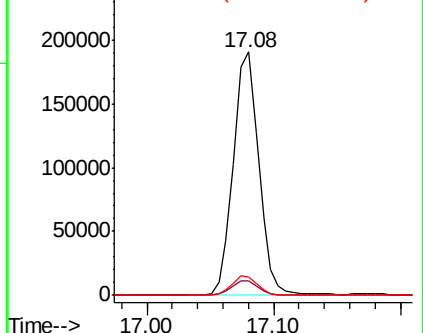
80 7.3 7.4 11.2#



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: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020541.D

Acq: 24 May 2019 06:25

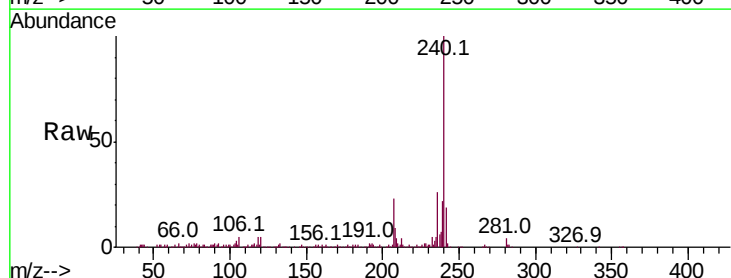
Tgt Ion:240 Resp: 310188

Ion Ratio Lower Upper

240 100

120 5.2 5.6 8.4#

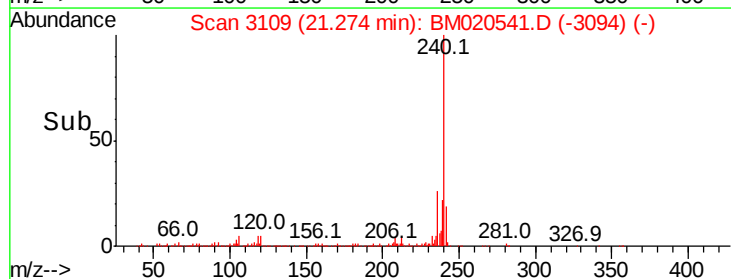
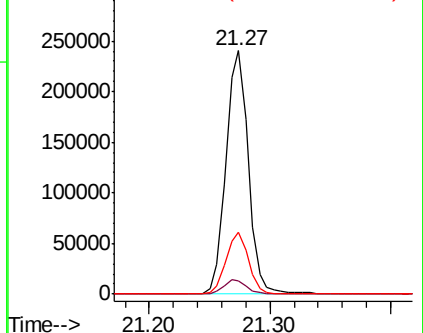
236 25.5 20.9 31.3

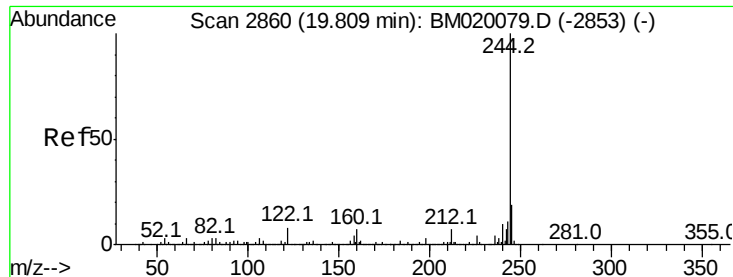


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

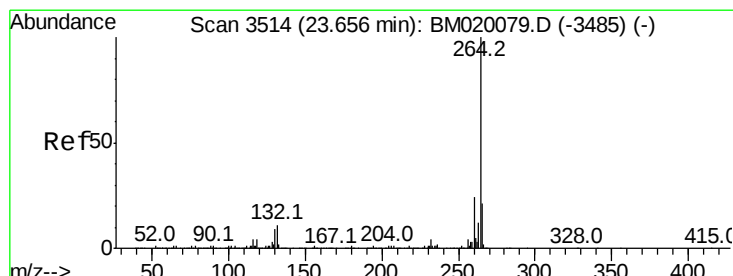
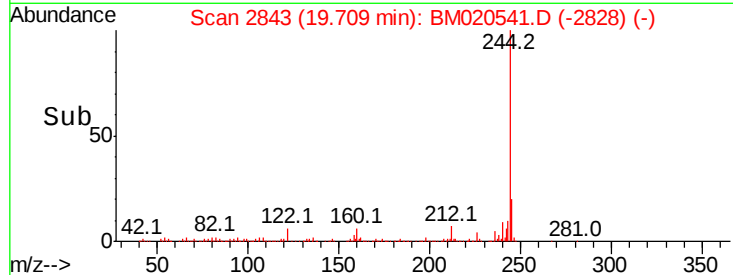
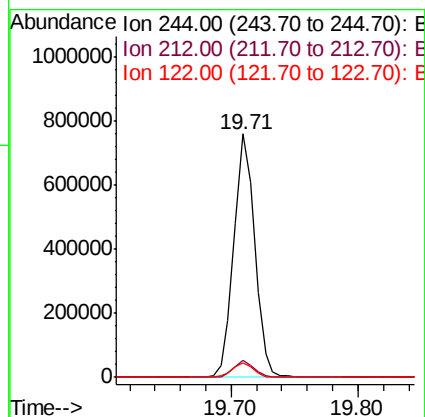
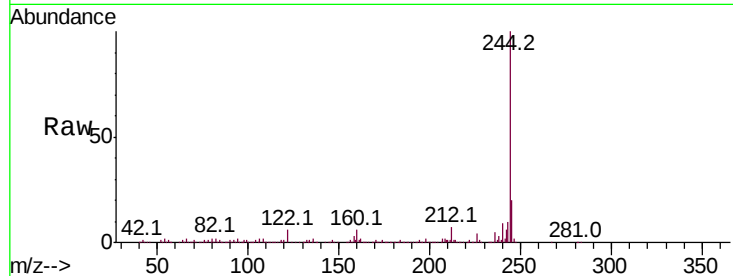




#79
 Terphenyl-d14
 Concen: 48.606 ng
 RT: 19.71 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BM020541.D
 Acq: 24 May 2019 06:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 864399
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.8 6.2 9.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.51 min Scan# 3490
 Delta R.T. -0.02 min
 Lab File: BM020541.D
 Acq: 24 May 2019 06:25

Tgt Ion:264 Resp: 374486
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.4 16.9 25.3

