

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020173.D
 Acq On : 07 May 2019 20:04
 Operator : JU/SJ
 Sample : K2697-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-20190502

Quant Time: May 08 04:09:13 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

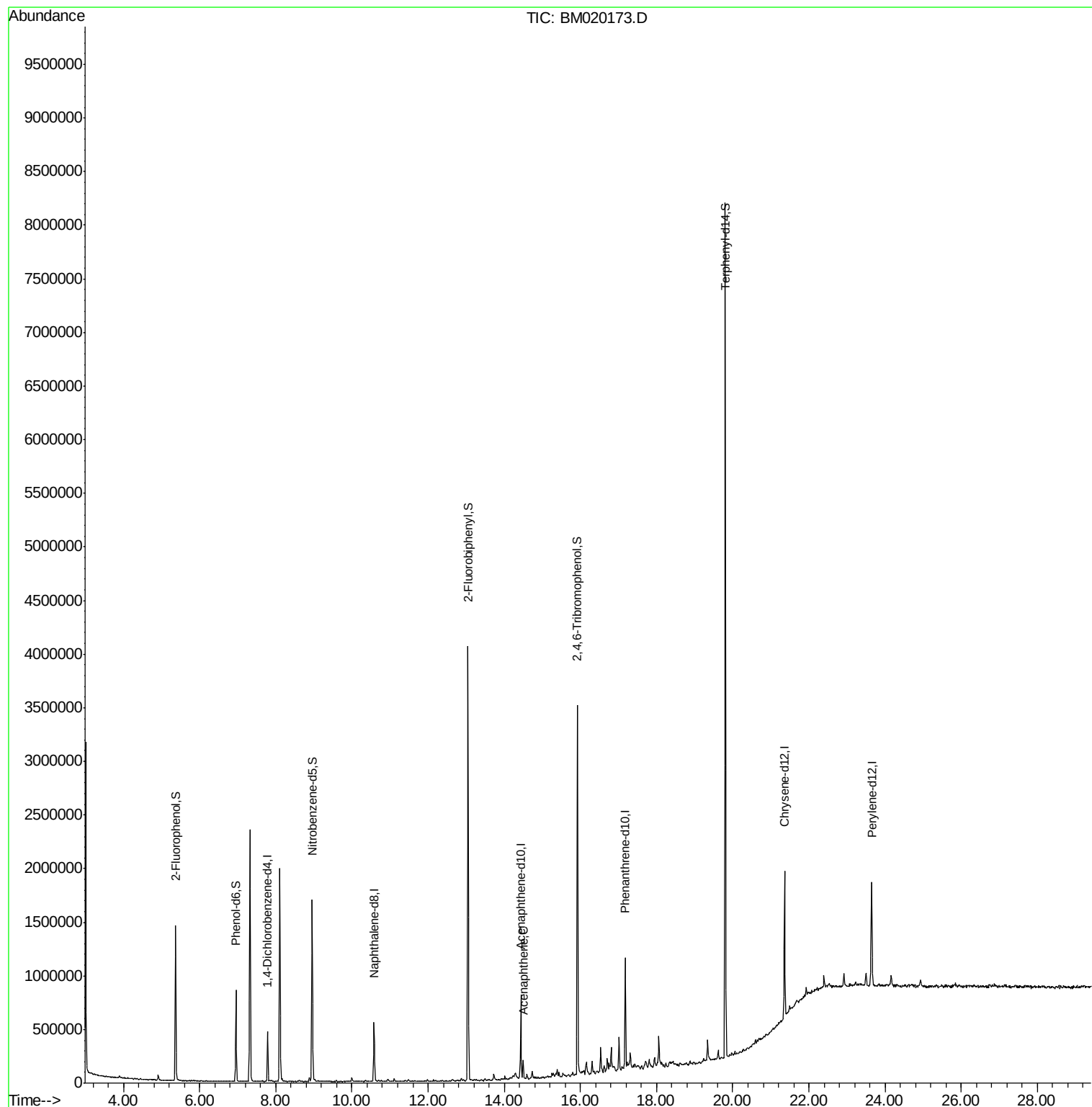
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	114063	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	404684	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	248623	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	590455	20.00	ng	0.00
76) Chrysene-d12	21.36	240	611334	20.00	ng	0.00
87) Perylene-d12	23.65	264	752532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	525863	75.36	ng	0.00
7) Phenol-d6	6.95	99	453643	47.59	ng	0.00
23) Nitrobenzene-d5	8.96	82	1080317	105.39	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	612853	158.81	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1963855	97.19	ng	0.00
79) Terphenyl-d14	19.80	244	3645483	104.01	ng	0.00
Target Compounds						
52) Acenaphthene	14.50	154	56402	3.761	ng	Qvalue 98

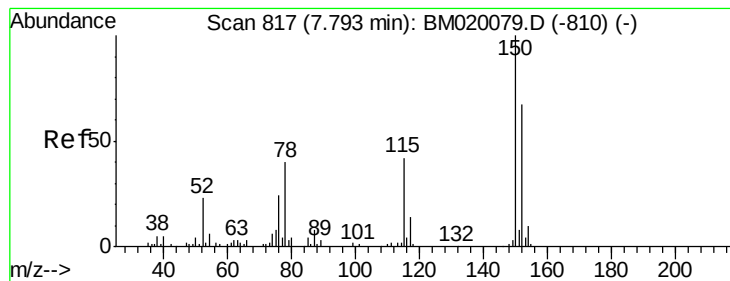
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020173.D
Acq On : 07 May 2019 20:04
Operator : JU/SJ
Sample : K2697-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-1-20190502

Quant Time: May 08 04:09:13 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



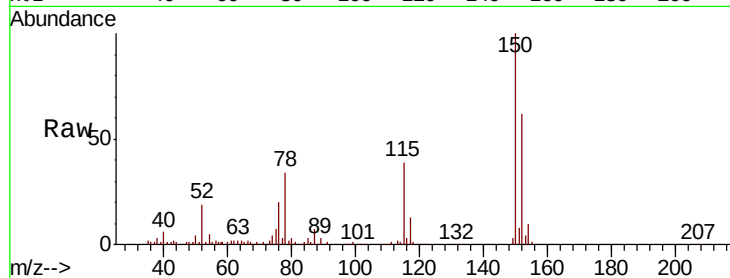


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Instrument :
BNA_M
ClientSampleId :
MW-1-20190502

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	119.8	179.8
115	62.9	50.8	76.2

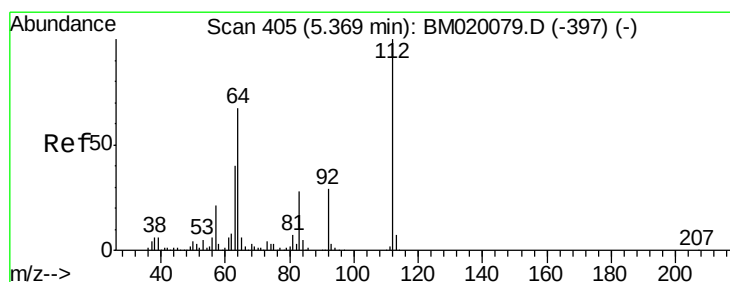
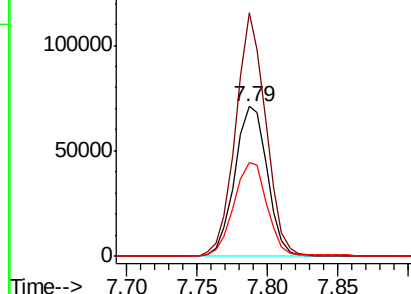
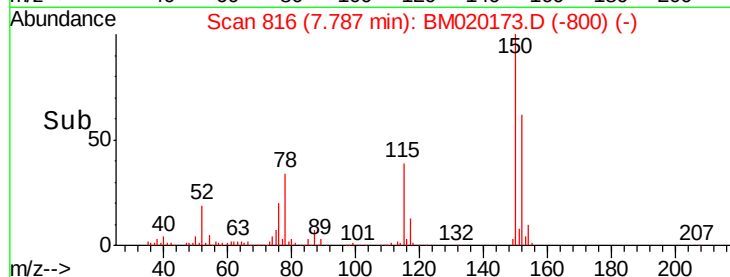


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

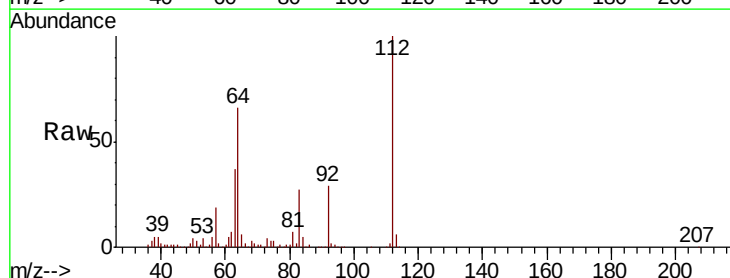
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.359 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.8	80.6
63	36.8	32.3	48.5

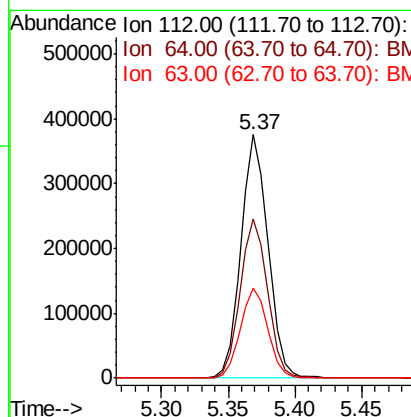
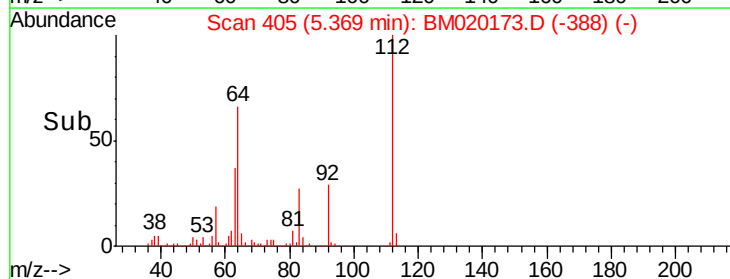


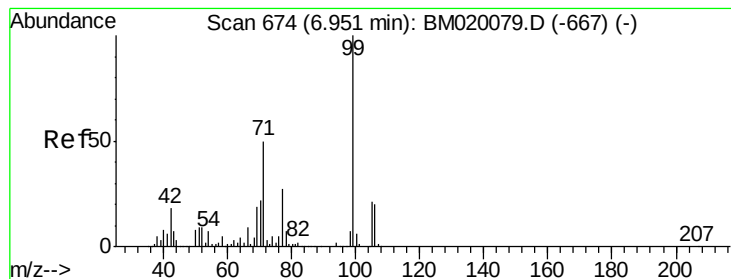
Abundance

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: 47.586 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

Instrument :

BNA_M

ClientSampleId :

MW-1-20190502

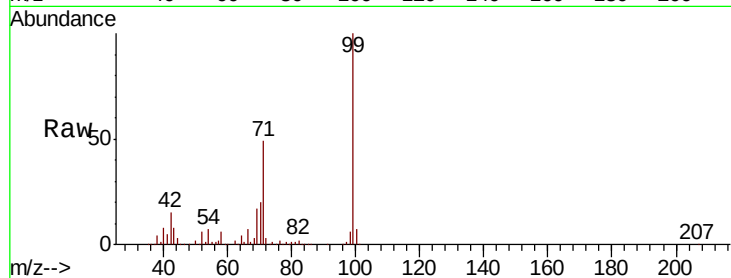
Tot Ion: 99 Resp: 453643

Ion Ratio Lower Upper

99 100

42 15.5 14.2 21.2

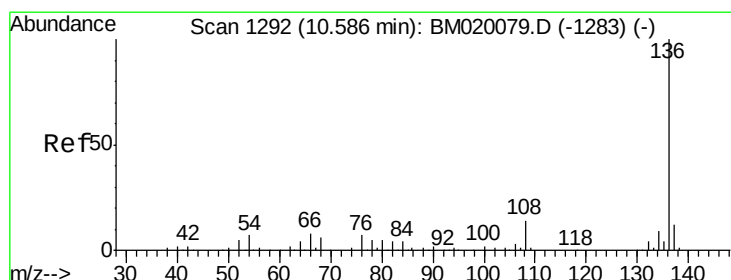
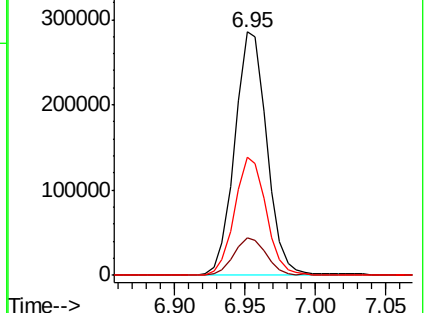
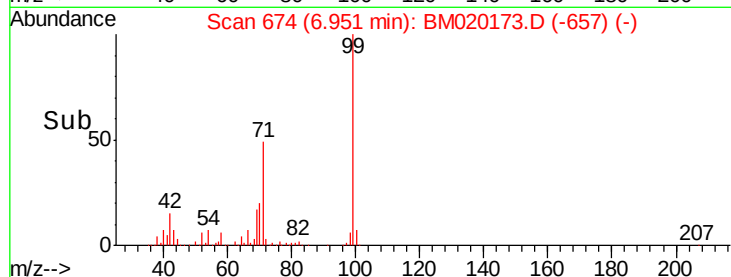
71 48.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020173.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020173.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020173.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

Tgt Ion: 136 Resp: 404684

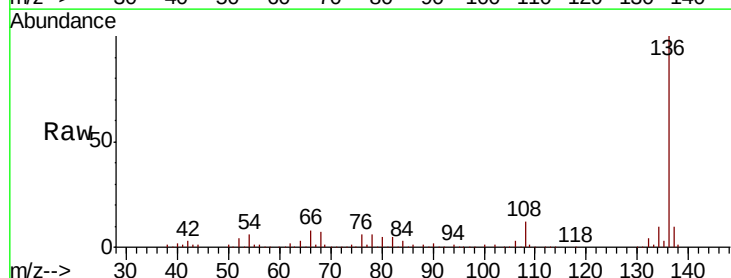
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 6.2 5.5 8.3

68 6.9 4.6 6.8#

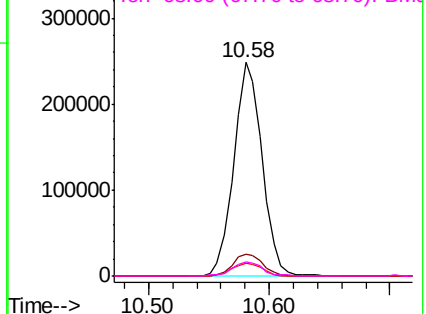
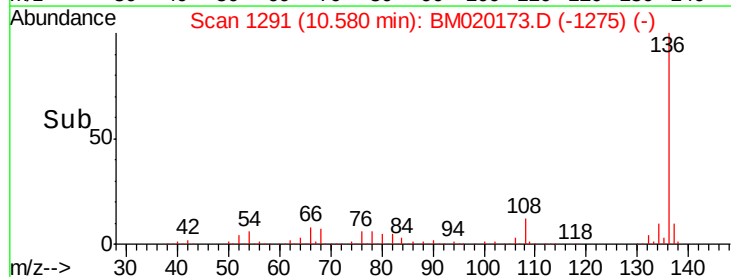


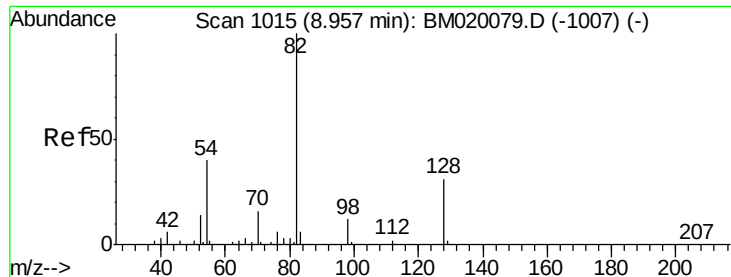
Abundance Ion 136.00 (135.70 to 136.70): BM020173.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020173.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020173.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020173.D (-1275) (-)

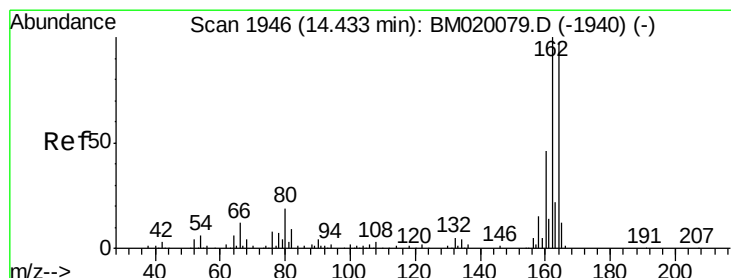
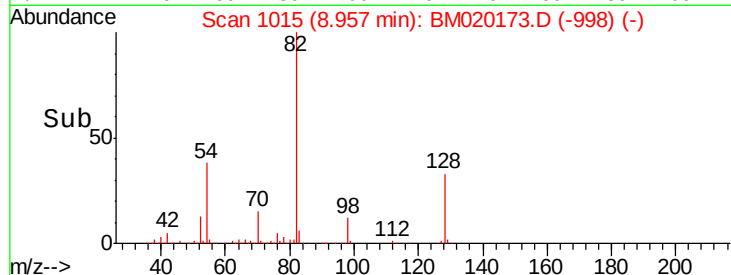
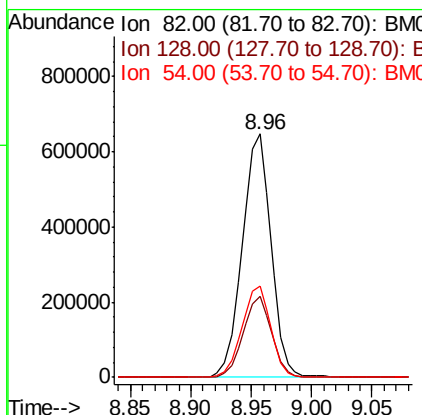
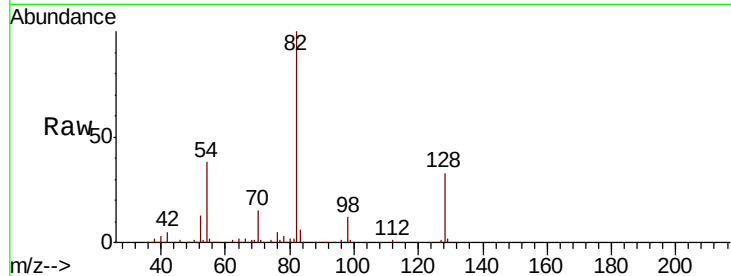




#23
Nitrobenzene-d5
Concen: 105.393 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

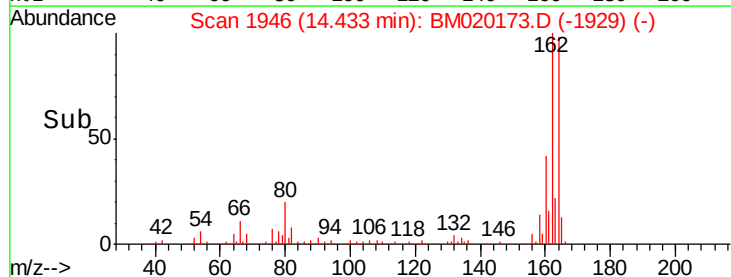
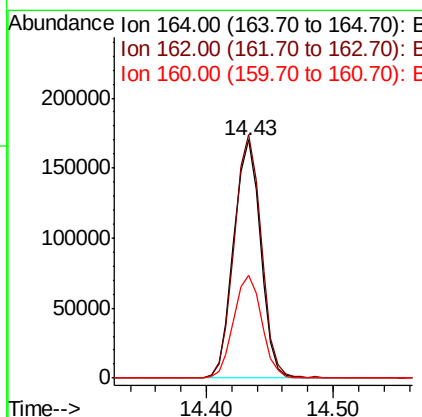
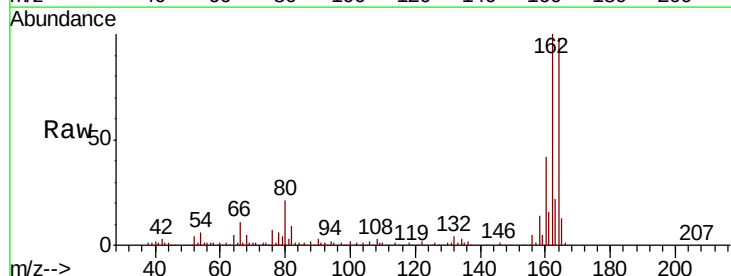
Instrument :
BNA_M
ClientSampleId :
MW-1-20190502

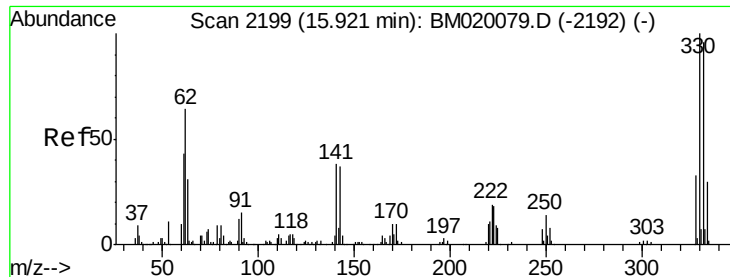
Tot Ion: 82 Resp: 1080317
Ion Ratio Lower Upper
82 100
128 33.4 25.2 37.8
54 37.8 31.9 47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Tgt Ion:164 Resp: 248623
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 43.1 37.6 56.4

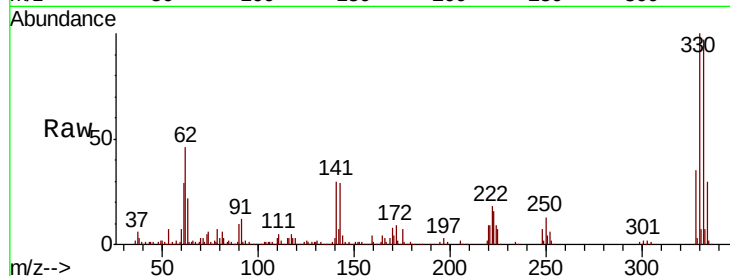




#42
 2,4,6-Tribromophenol
 Concen: 158.807 ng
 RT: 15.93 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BM020173.D
 Acq: 07 May 2019 20:04

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-20190502

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	33.2	29.2	43.8

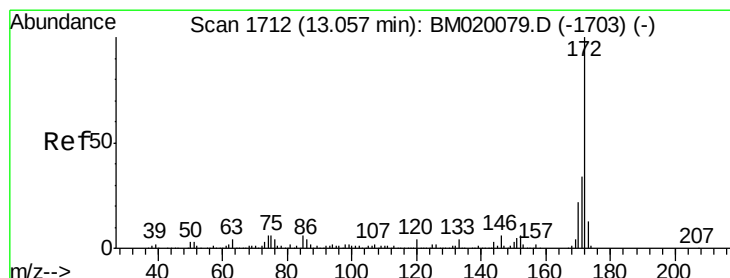
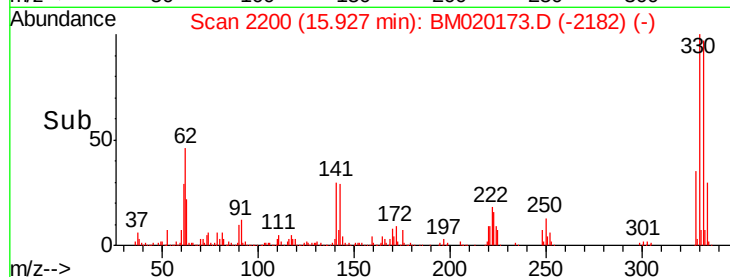
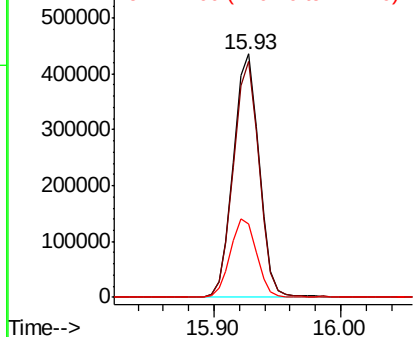


Abundance

Ion 329.80 (329.50 to 330.50): E

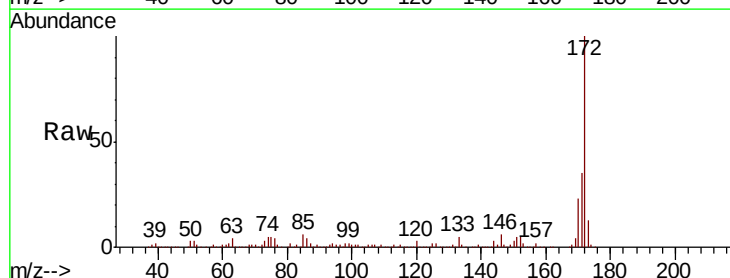
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.186 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020173.D
 Acq: 07 May 2019 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.1	17.9	26.9

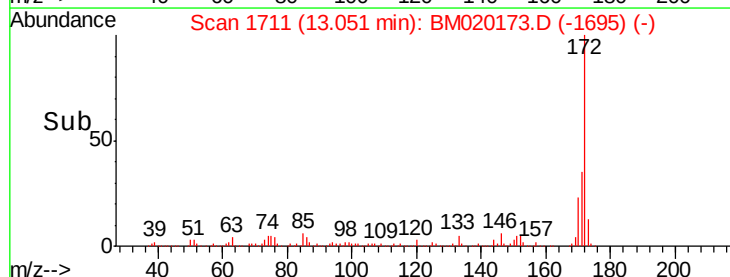
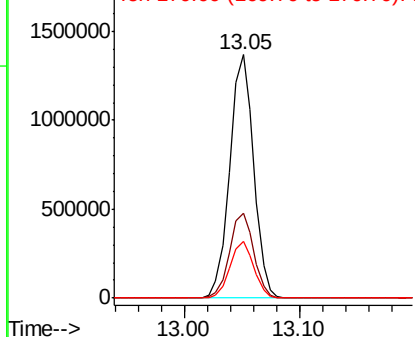


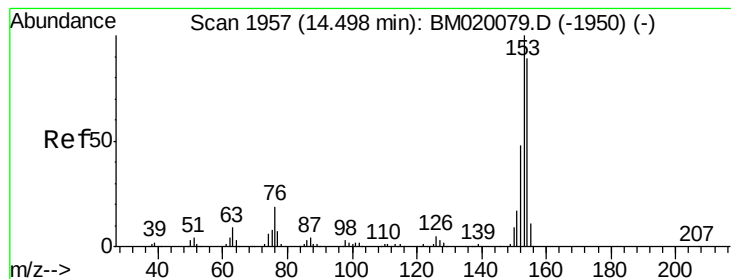
Abundance

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





#52

Acenaphthene

Concen: 3.761 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

Instrument :

BNA_M

ClientSampleId :

MW-1-20190502

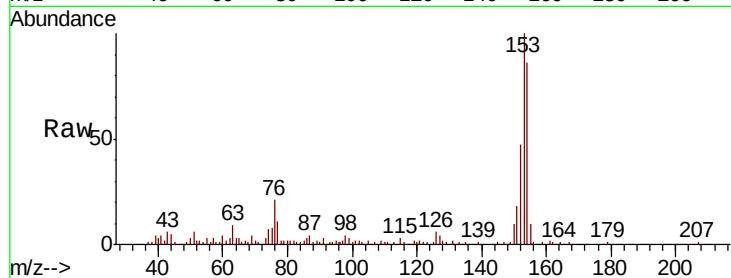
Tot Ion:154 Resp: 56402

Ion Ratio Lower Upper

154 100

153 115.6 90.2 135.2

152 54.0 43.0 64.4

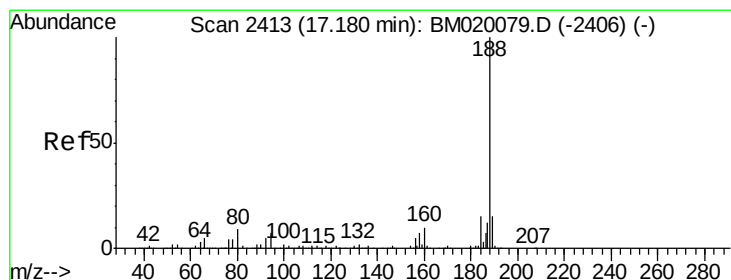
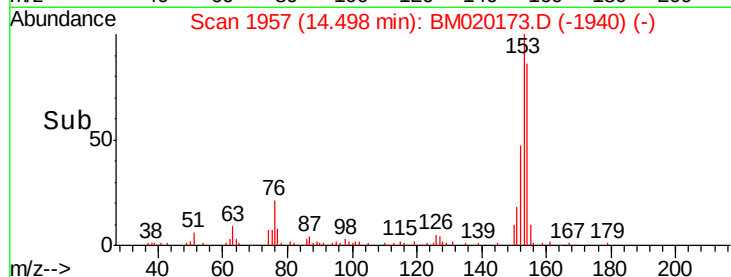
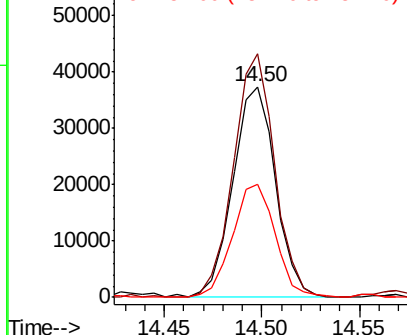


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

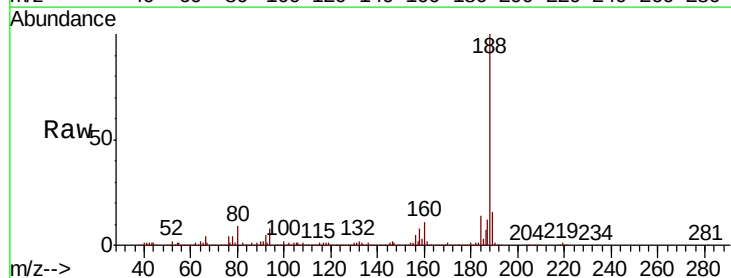
Tgt Ion:188 Resp: 590455

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

80 9.4 7.4 11.2

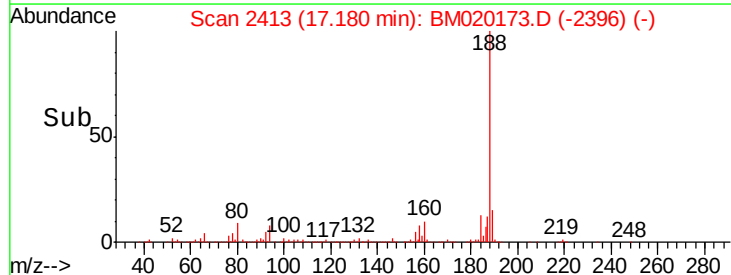
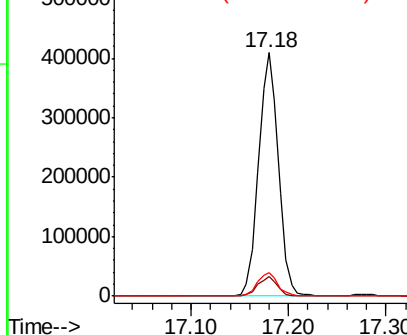


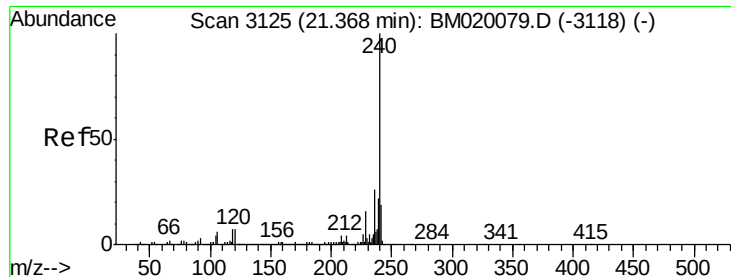
Abundance

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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

Instrument :

BNA_M

ClientSampleId :

MW-1-20190502

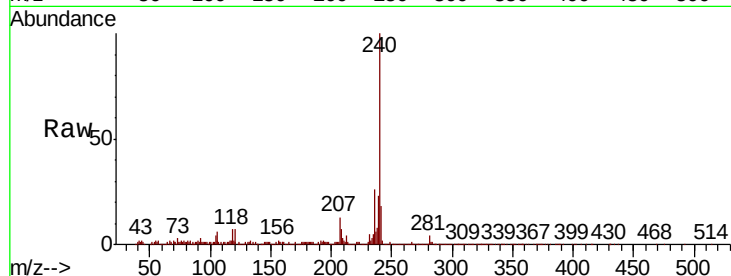
Tot Ion:240 Resp: 611334

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

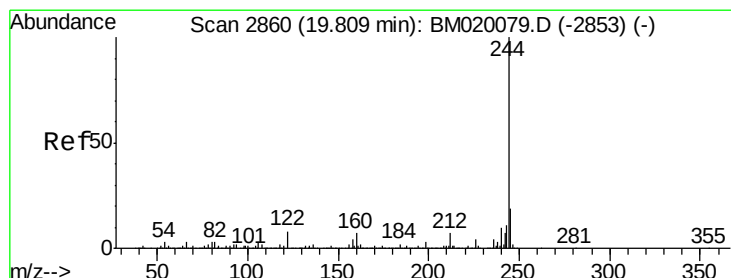
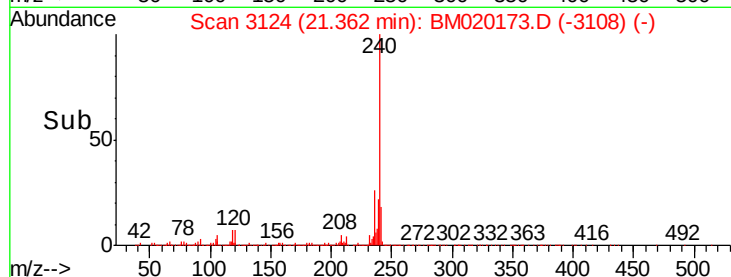
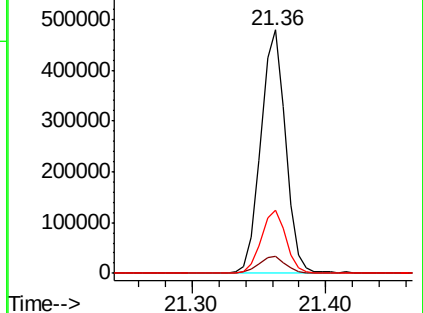
236 26.2 20.9 31.3



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: 104.011 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020173.D

Acq: 07 May 2019 20:04

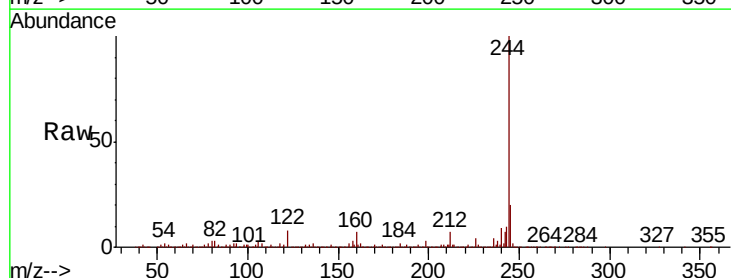
Tgt Ion:244 Resp: 3645483

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

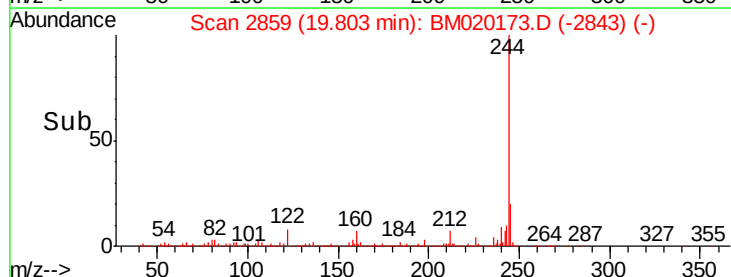
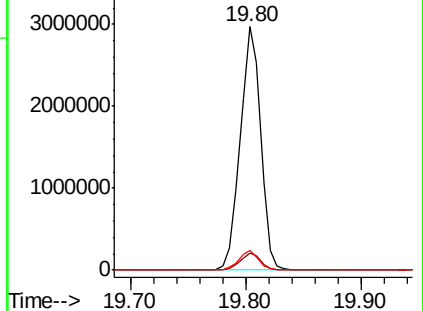
122 7.8 6.2 9.2

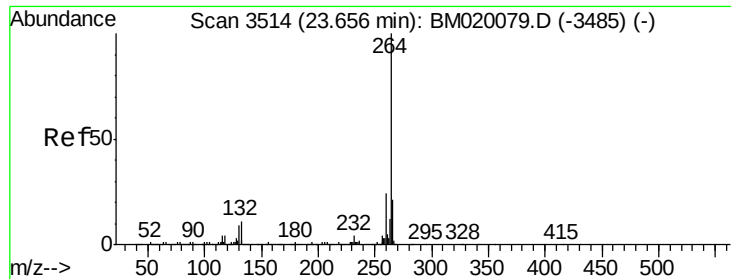


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

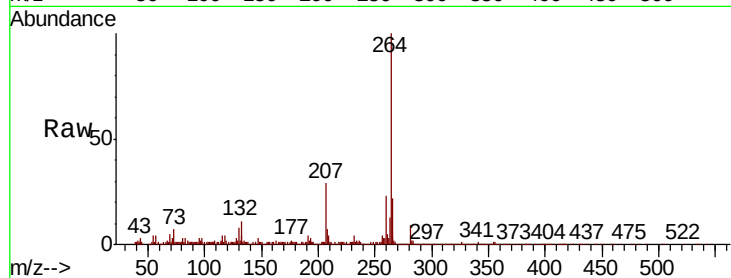




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020173.D
Acq: 07 May 2019 20:04

Instrument :
BNA_M
ClientSampleId :
MW-1-20190502

Tot Ion:	264	Resp:	752532
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.5	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

