

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020159.D
 Acq On : 07 May 2019 08:14
 Operator : JU/SJ
 Sample : K2673-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-11-COMP

Quant Time: May 07 08:47:51 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

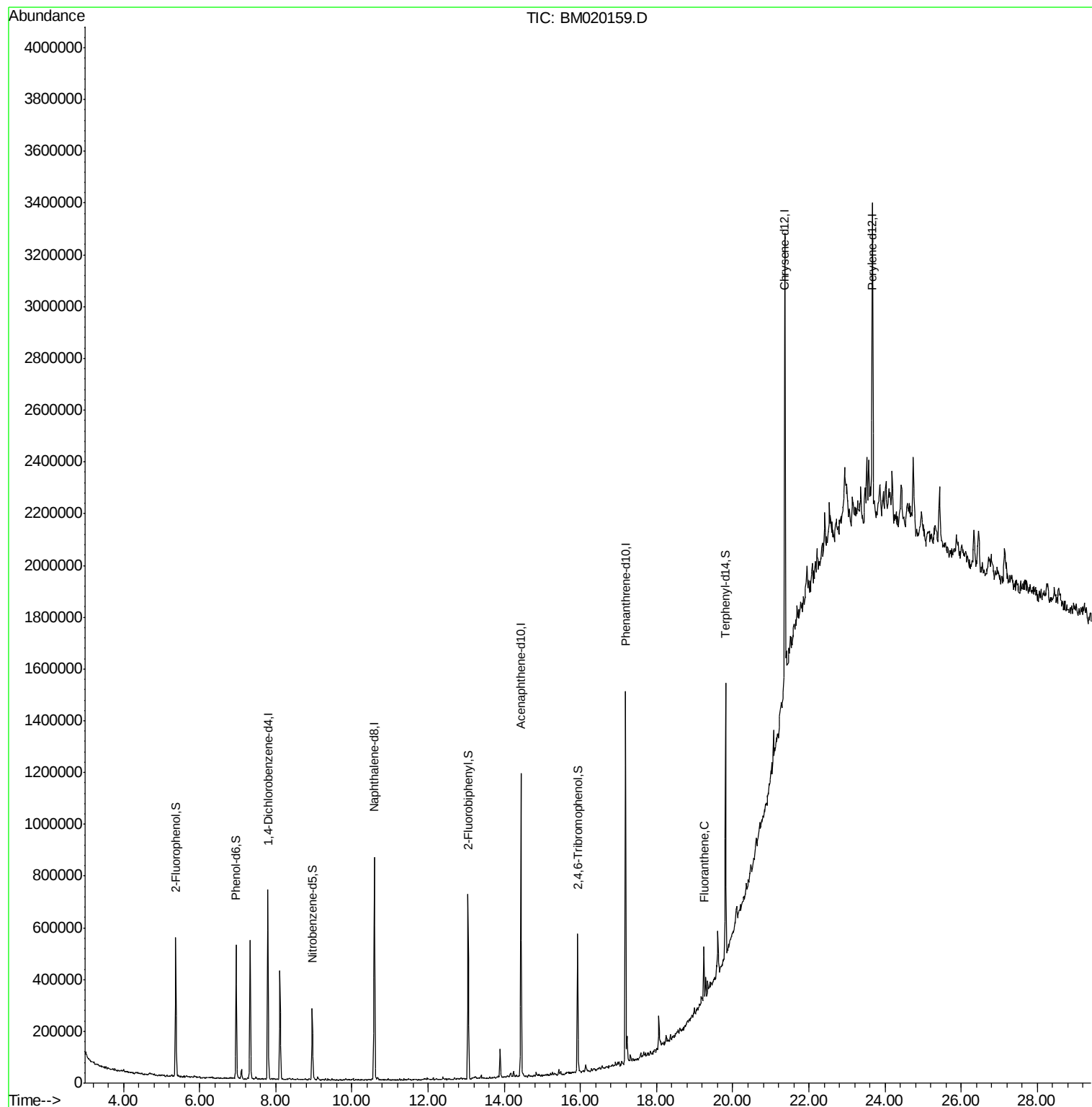
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	178667	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	654651	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	364122	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	796041	20.00	ng	0.00
76) Chrysene-d12	21.37	240	757043	20.00	ng	0.00
87) Perylene-d12	23.67	264	899048	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	198637	18.17	ng	0.00
7) Phenol-d6	6.96	99	275036	18.42	ng	0.00
23) Nitrobenzene-d5	8.96	82	175237	10.57	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	94000	16.63	ng	0.00
45) 2-Fluorobiphenyl	13.06	172	351326	11.87	ng	0.00
79) Terphenyl-d14	19.81	244	473934	10.92	ng	0.00
Target Compounds						
75) Fluoranthene	19.24	202	112243	2.019	ng	Qvalue 96

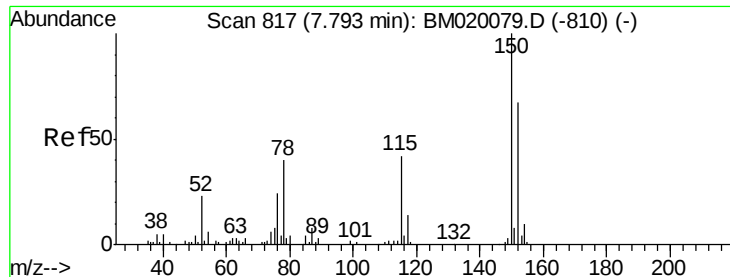
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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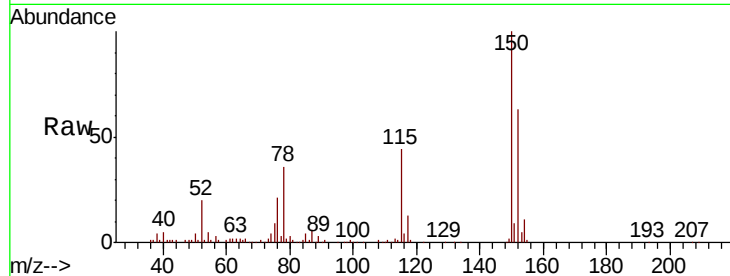


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Instrument :
BNA_M
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.8	179.8
115	68.7	50.8	76.2

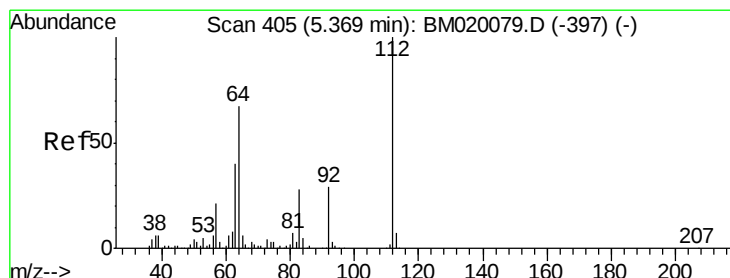
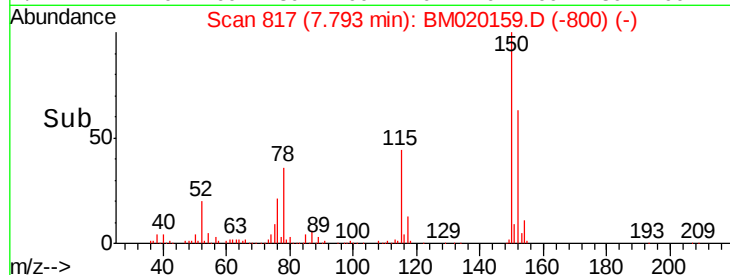
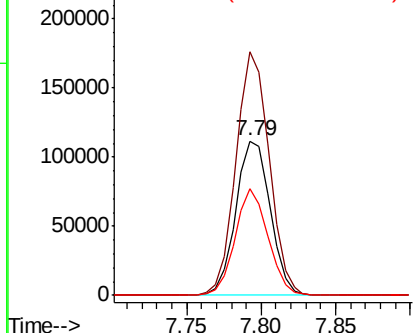


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

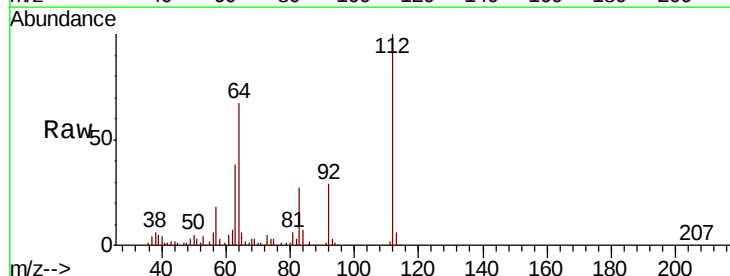
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.173 ng
RT: 5.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.8	80.6
63	38.3	32.3	48.5

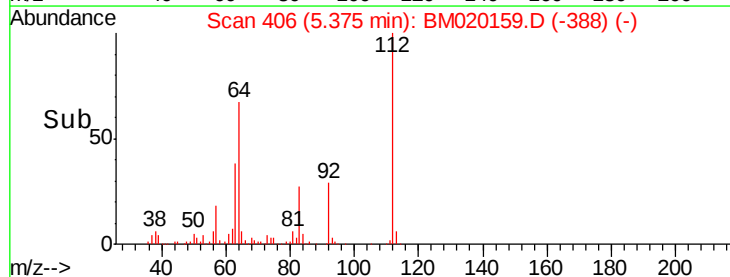
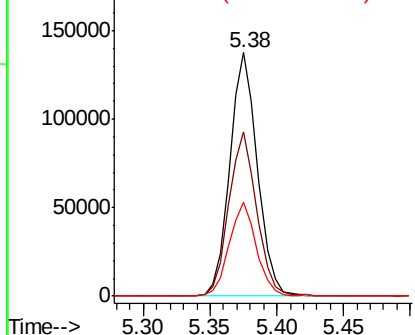


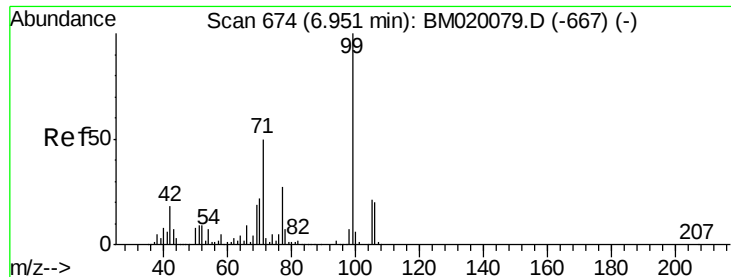
Abundance

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: 18.419 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Instrument :

BNA_M

ClientSampleId :

SB-11-COMP

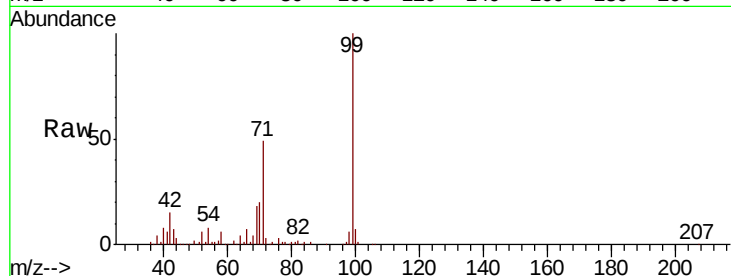
Tot Ion: 99 Resp: 275036

Ion Ratio Lower Upper

99 100

42 15.1 14.2 21.2

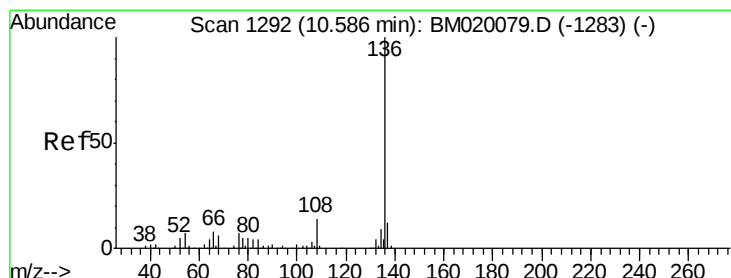
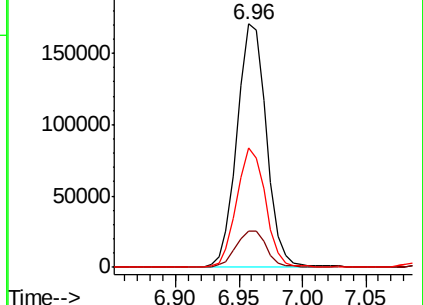
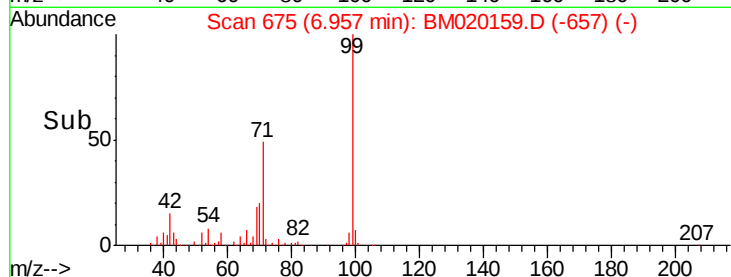
71 49.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020159.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020159.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020159.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Tgt Ion: 136 Resp: 654651

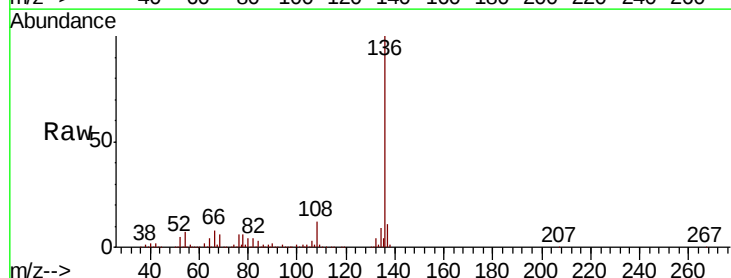
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 6.7 5.5 8.3

68 6.5 4.6 6.8

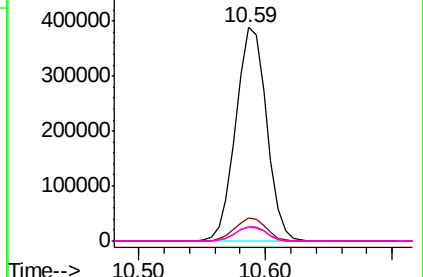
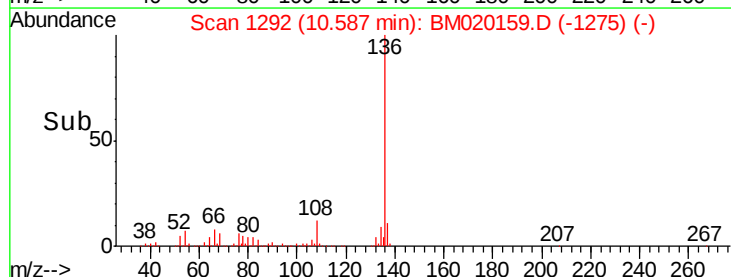


Abundance Ion 136.00 (135.70 to 136.70): BM020159.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020159.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020159.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020159.D (-1283) (-)

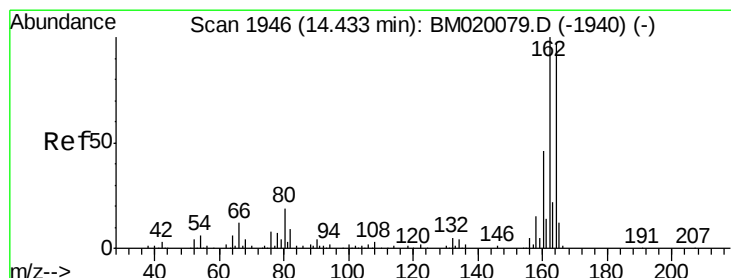
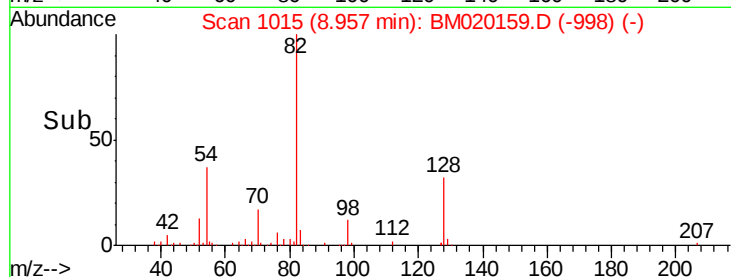
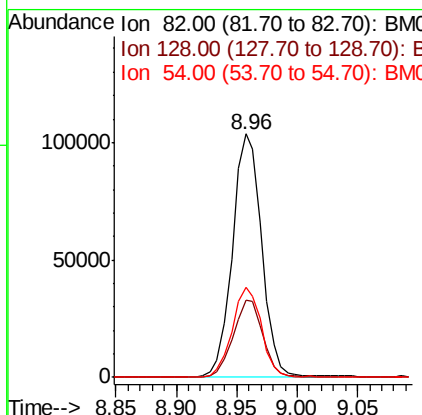
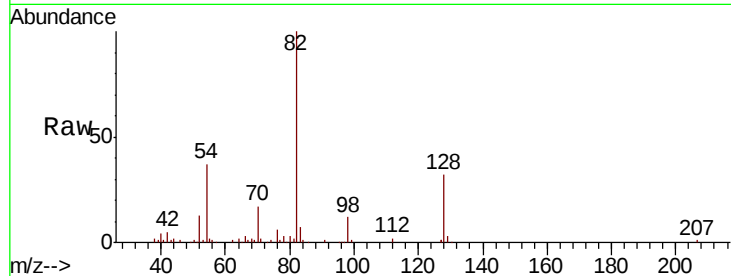




#23
Nitrobenzene-d5
Concen: 10.568 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

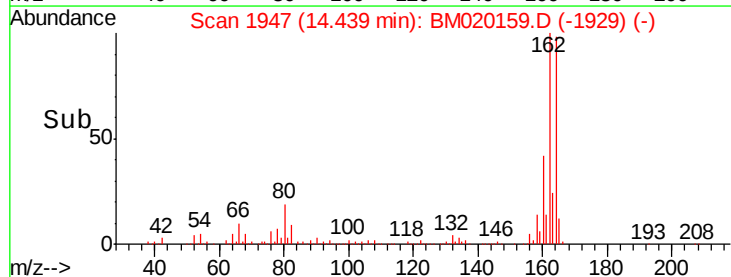
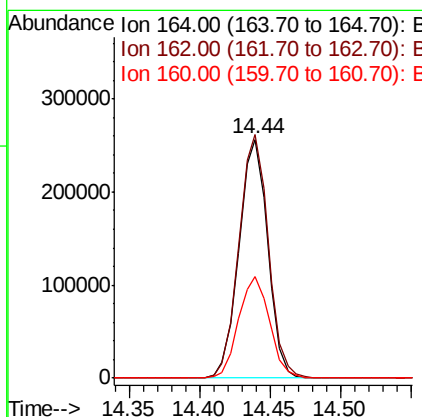
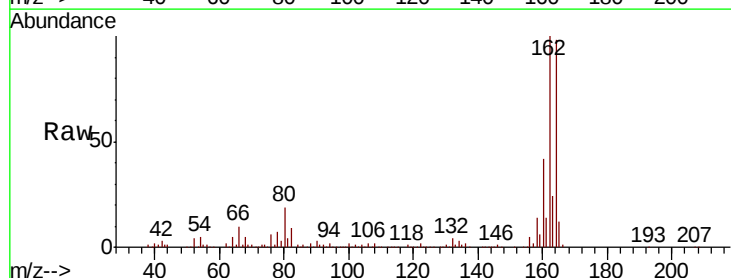
Instrument :
BNA_M
ClientSampleId :
SB-11-COMP

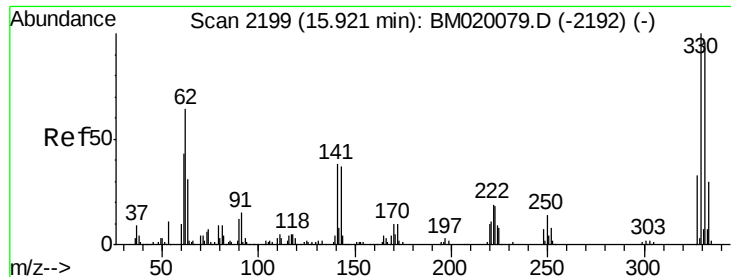
Tot Ion	82	Resp	175237
Ion Ratio	Lower	Upper	
82	100		
128	31.6	25.2	37.8
54	37.0	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Tgt Ion	164	Resp	364122
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.2	123.2
160	42.4	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 16.632 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Instrument :

BNA_M

ClientSampleId :

SB-11-COMP

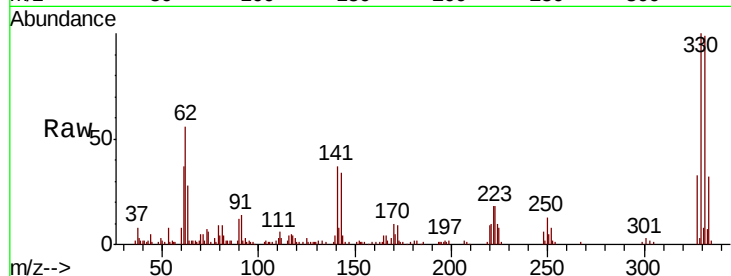
Tot Ion:330 Resp: 94000

Ion Ratio Lower Upper

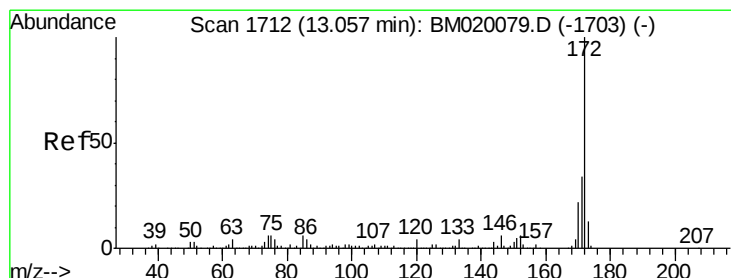
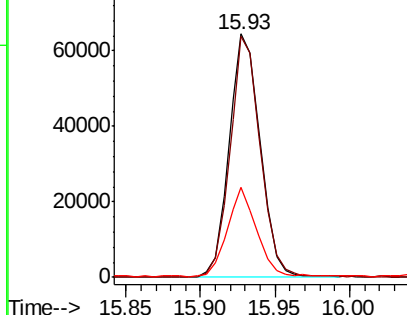
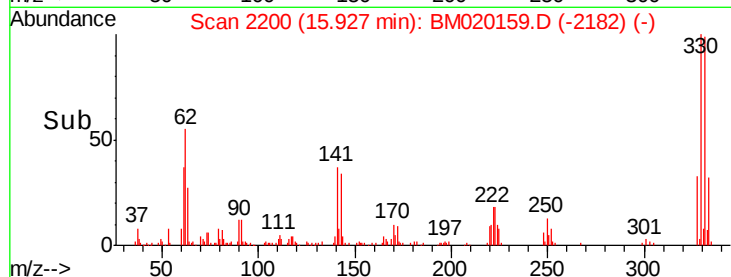
330 100

332 96.5 76.8 115.2

141 35.8 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: 11.871 ng

RT: 13.06 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

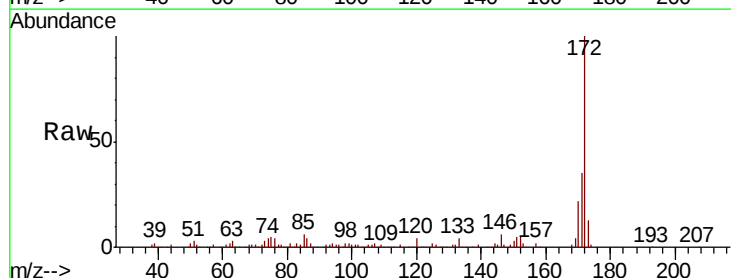
Tgt Ion:172 Resp: 351326

Ion Ratio Lower Upper

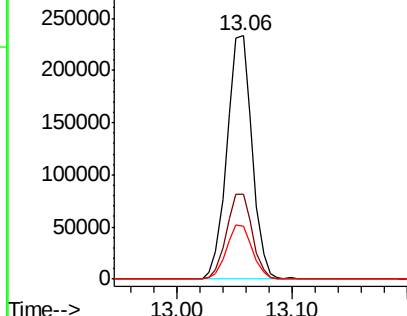
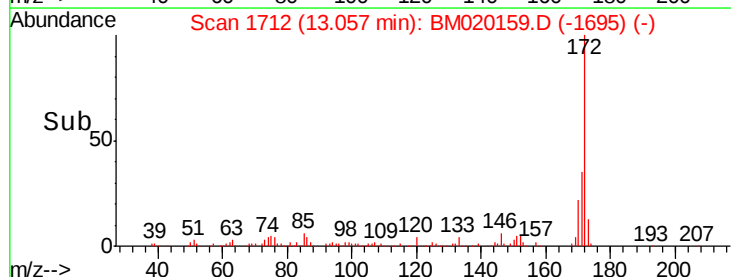
172 100

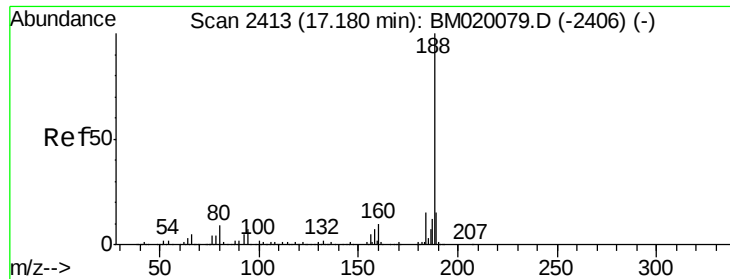
171 35.1 27.3 40.9

170 21.6 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# 2414

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Instrument :

BNA_M

ClientSampleId :

SB-11-COMP

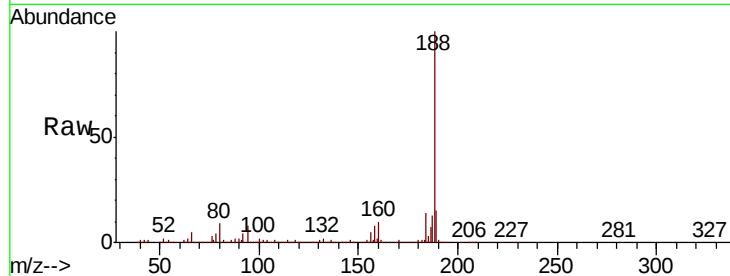
Tot Ion:188 Resp: 796041

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

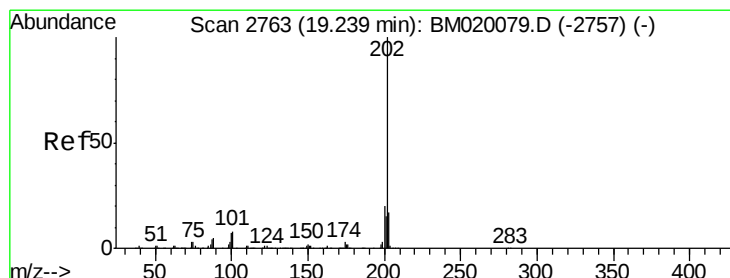
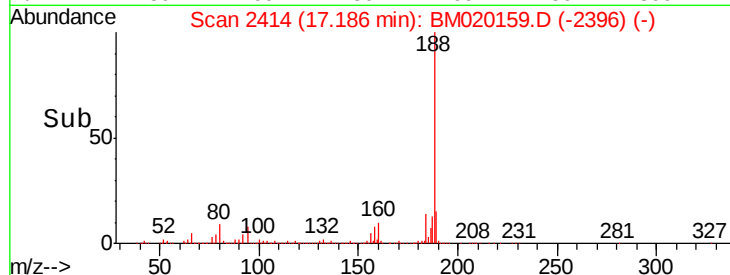
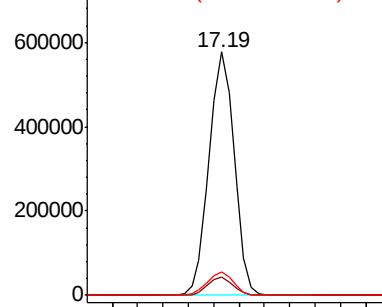
80 9.4 7.4 11.2



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



#75

Fluoranthene

Concen: 2.019 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

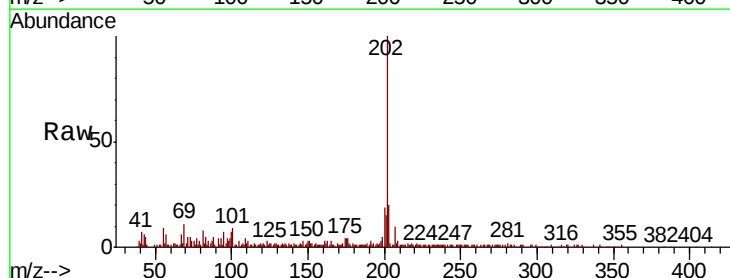
Tgt Ion:202 Resp: 112243

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.4

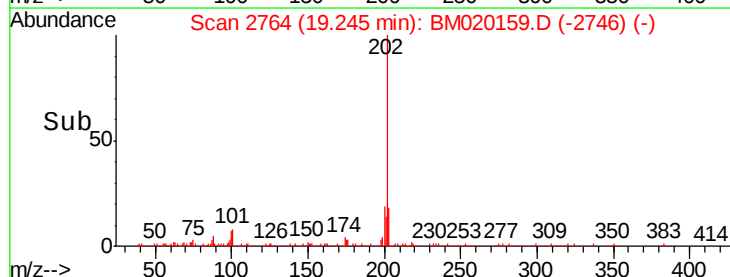
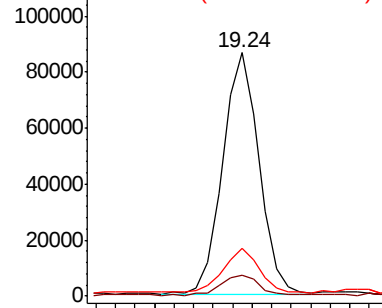
203 19.8 0.0 37.4

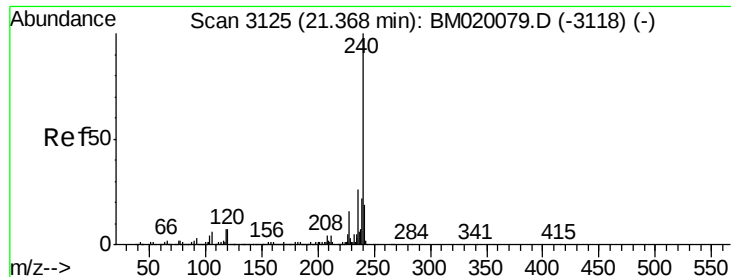


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

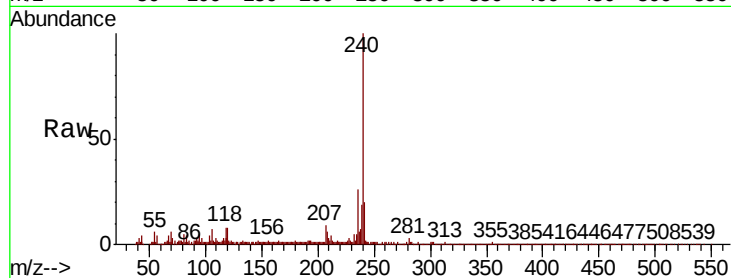




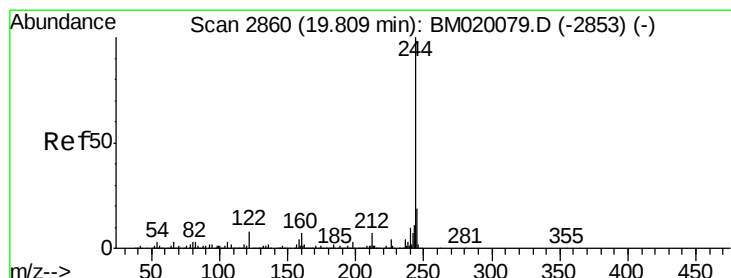
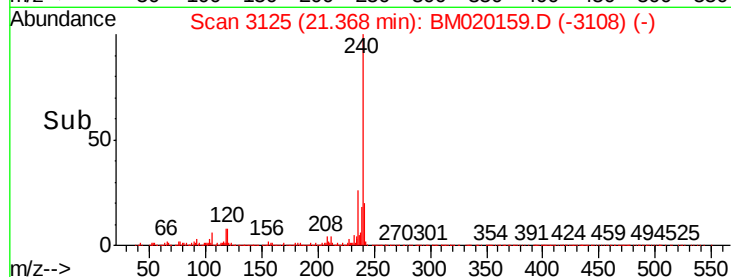
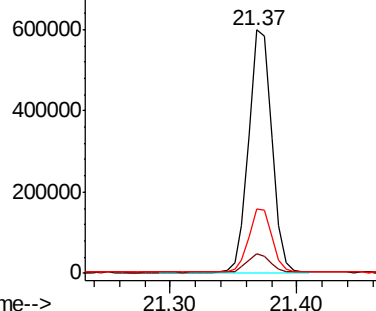
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Instrument :
BNA_M
ClientSampleId :
SB-11-COMP

Tot Ion:240 Resp: 757043
Ion Ratio Lower Upper
240 100
120 8.0 5.6 8.4
236 26.2 20.9 31.3

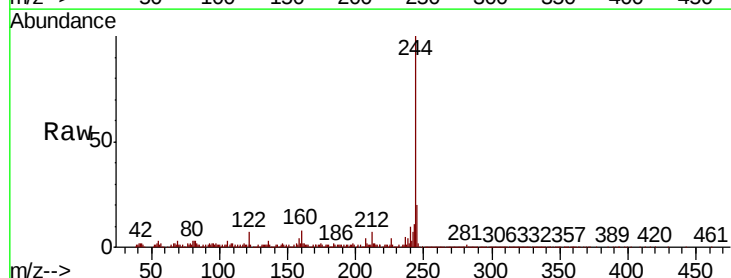


Abundance Ion 240.00 (239.70 to 240.70): E
800000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

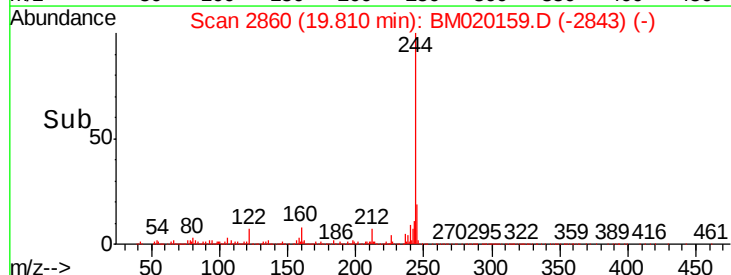
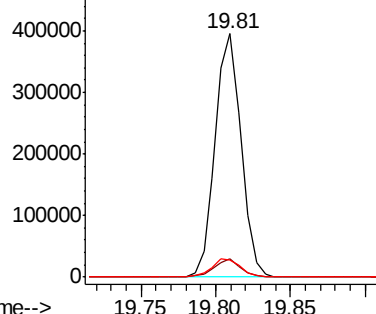


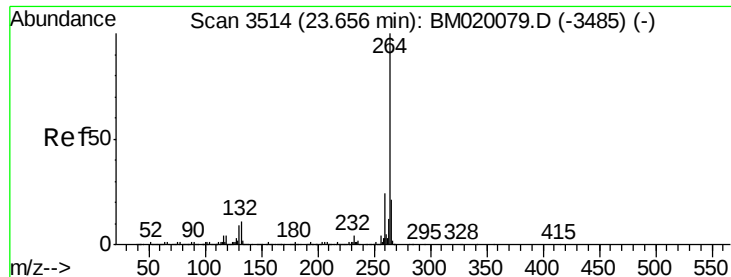
#79
Terphenyl-d14
Concen: 10.919 ng
RT: 19.81 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Tgt Ion:244 Resp: 473934
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 6.9 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E
500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



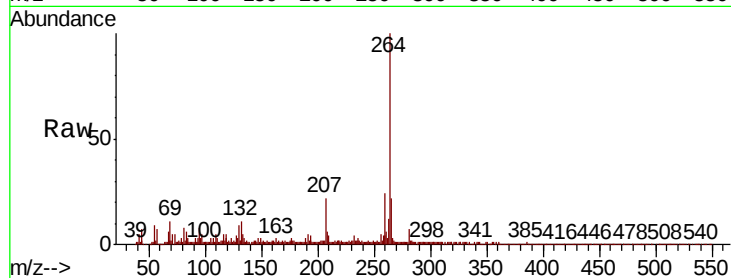


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. 0.01 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Instrument :
BNA_M
ClientSampleId :
SB-11-COMP

Tot Ion: 264 Resp: 899048

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	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

