

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020177.D
 Acq On : 07 May 2019 22:31
 Operator : JU/SJ
 Sample : K2697-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-20190502

Quant Time: May 08 02:10:52 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	123587	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	466129	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	292728	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	704773	20.00	ng	0.00
76) Chrysene-d12	21.36	240	714070	20.00	ng	0.00
87) Perylene-d12	23.64	264	837536	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	177695	23.50	ng	0.00
7) Phenol-d6	6.95	99	393276	38.07	ng	0.00
23) Nitrobenzene-d5	8.95	82	1216614	103.04	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	172514	37.97	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2356300	99.04	ng	0.00
79) Terphenyl-d14	19.80	244	4489538	109.66	ng	0.00

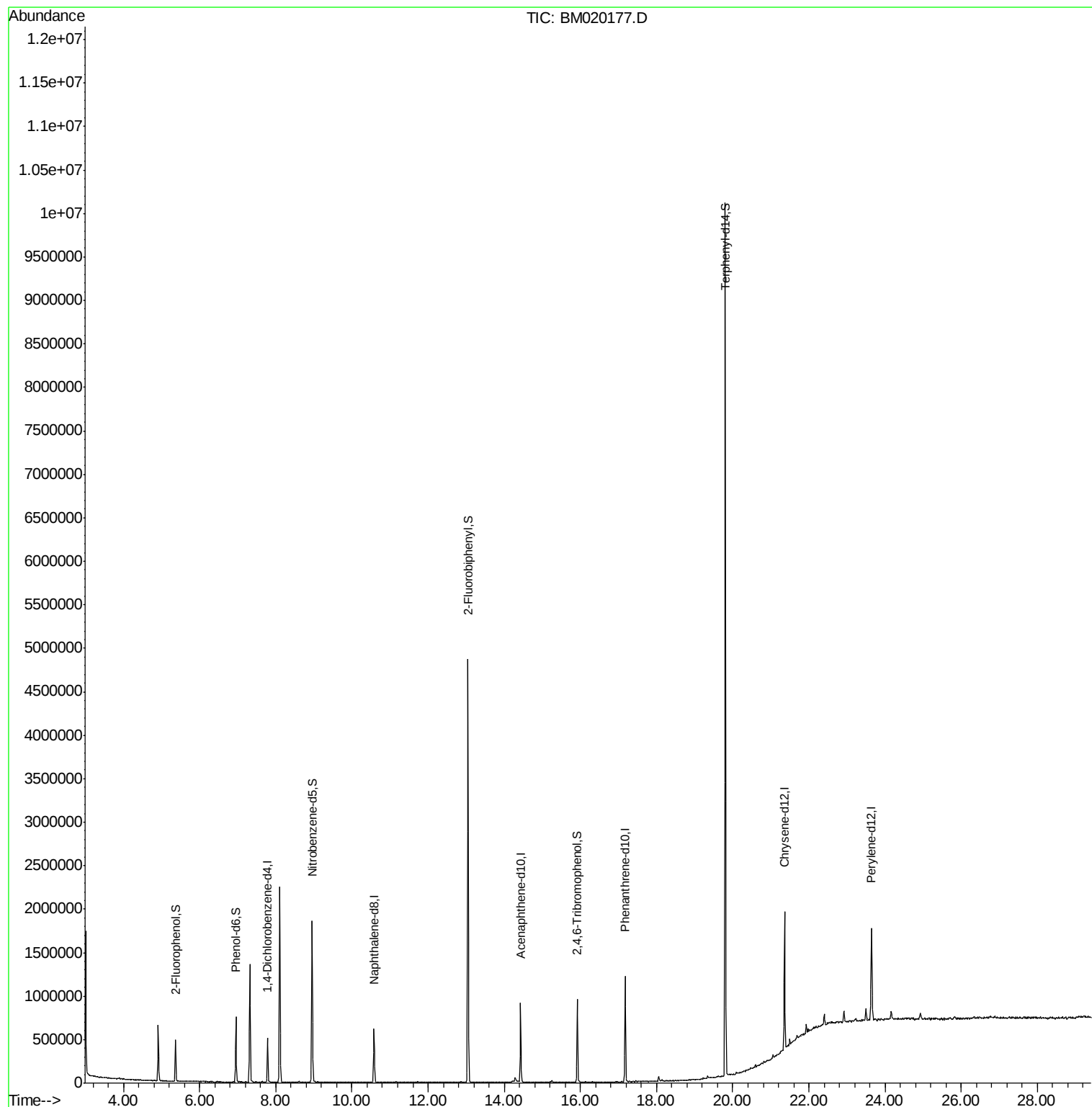
Target Compounds Qvalue

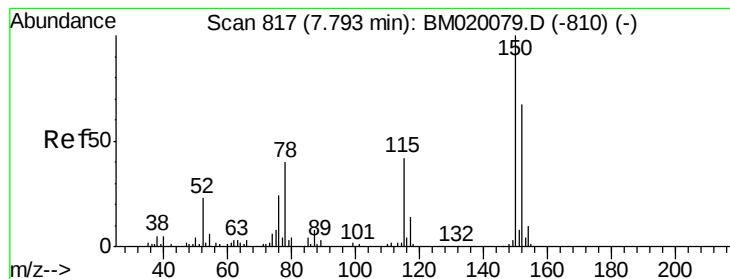
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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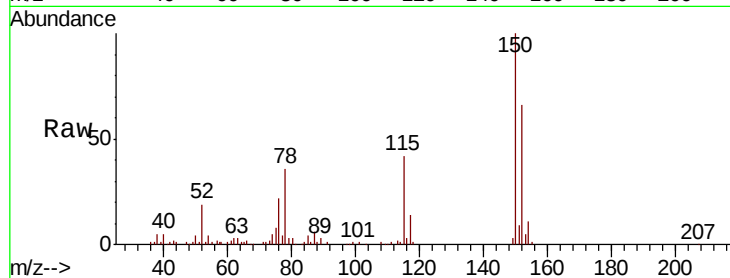


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020177.D
Acq: 07 May 2019 22:31

Instrument :
BNA_M
ClientSampleId :
EB-20190502

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.8	179.8
115	63.8	50.8	76.2

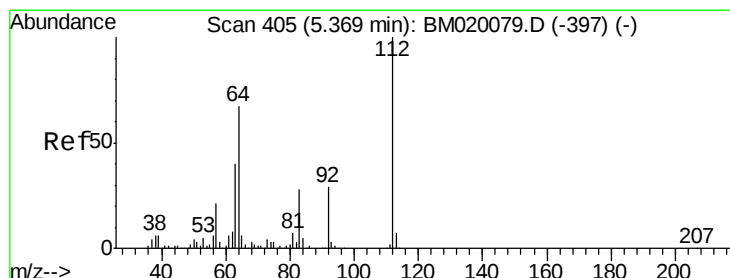
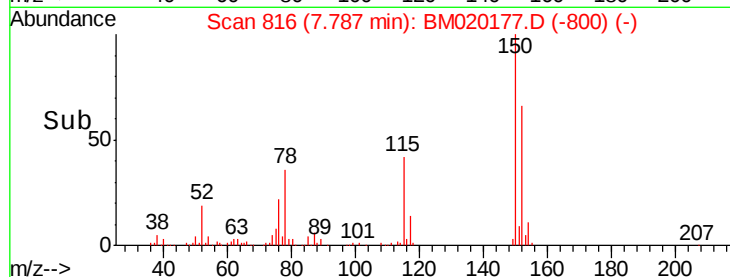
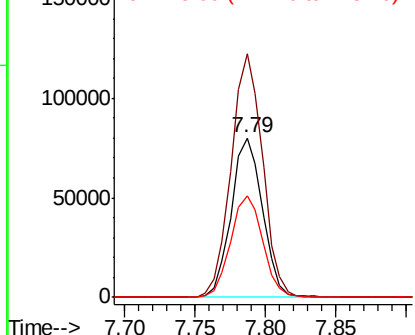


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

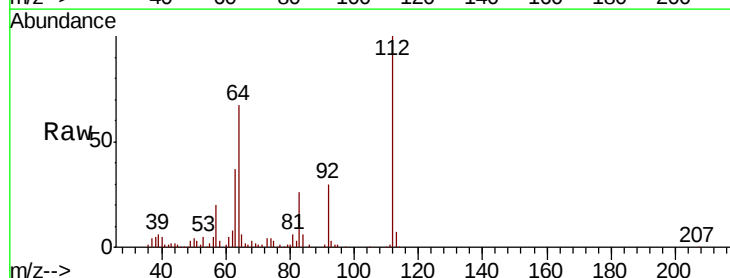
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 23.502 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020177.D
Acq: 07 May 2019 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.8	80.6
63	37.3	32.3	48.5

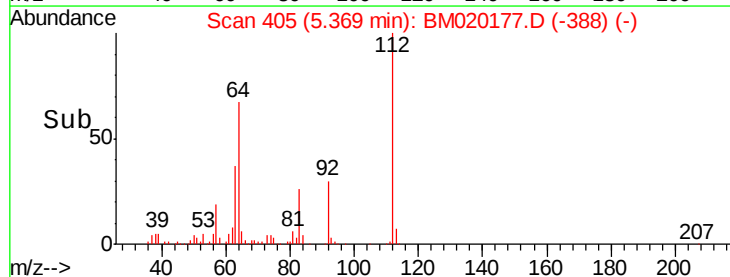
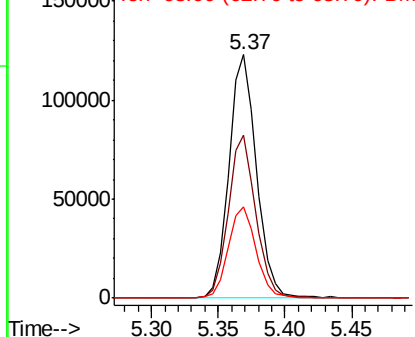


Abundance

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: 38.075 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020177.D

Acq: 07 May 2019 22:31

Instrument :

BNA_M

ClientSampleId :

EB-20190502

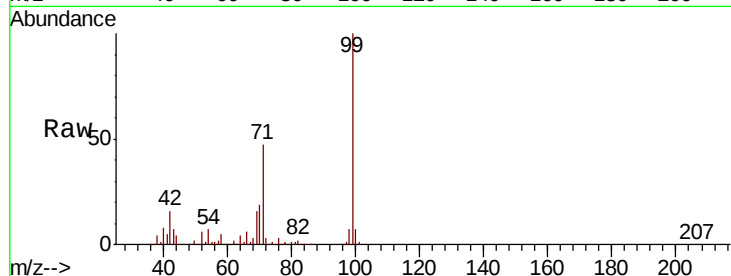
Tot Ion: 99 Resp: 393276

Ion Ratio Lower Upper

99 100

42 15.9 14.2 21.2

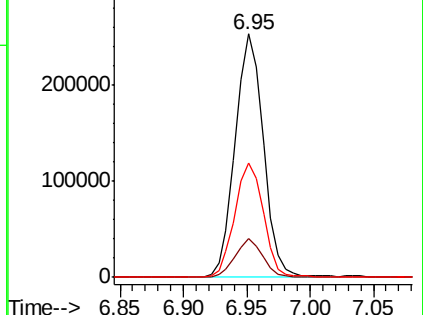
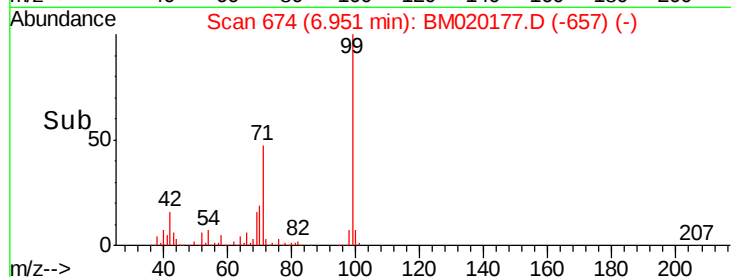
71 47.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020177.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020177.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020177.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020177.D

Acq: 07 May 2019 22:31

Tgt Ion: 136 Resp: 466129

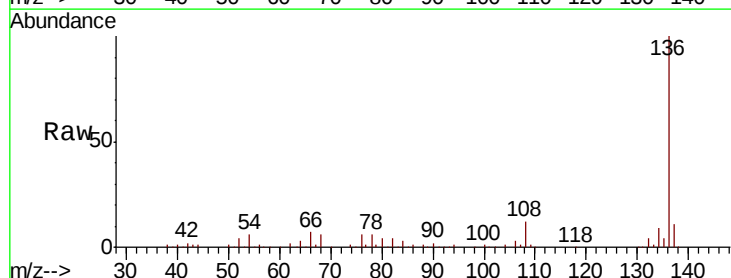
Ion Ratio Lower Upper

136 100

137 10.6 9.6 14.4

54 6.3 5.5 8.3

68 5.9 4.6 6.8

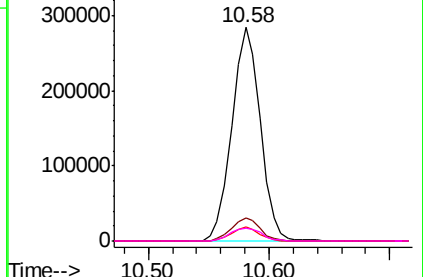
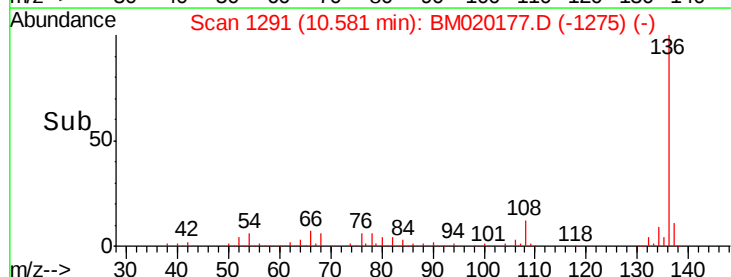


Abundance Ion 136.00 (135.70 to 136.70): BM020177.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020177.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020177.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020177.D (-1275) (-)

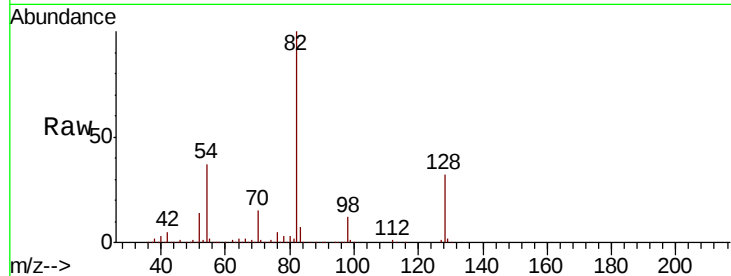




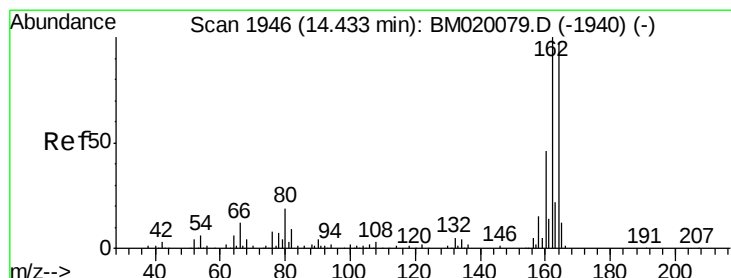
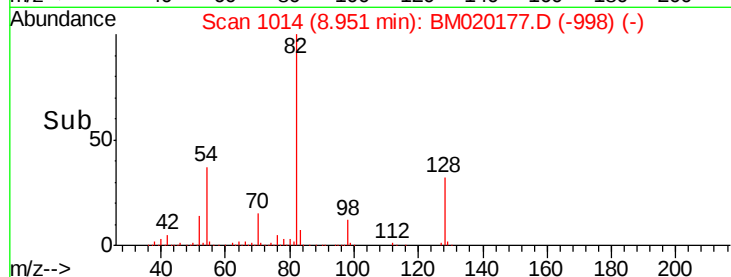
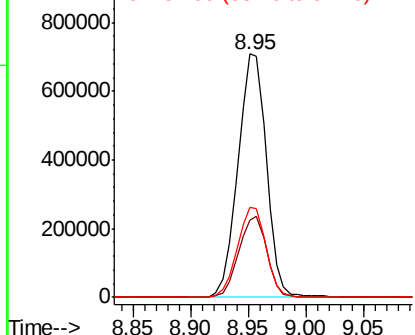
#23
Nitrobenzene-d5
Concen: 103.045 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020177.D
Acq: 07 May 2019 22:31

Instrument :
BNA_M
ClientSampleId :
EB-20190502

Tot Ion: 82 Resp: 1216614
Ion Ratio Lower Upper
82 100
128 31.7 25.2 37.8
54 36.8 31.9 47.9

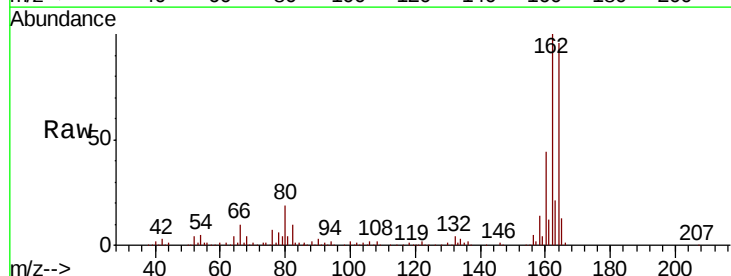


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

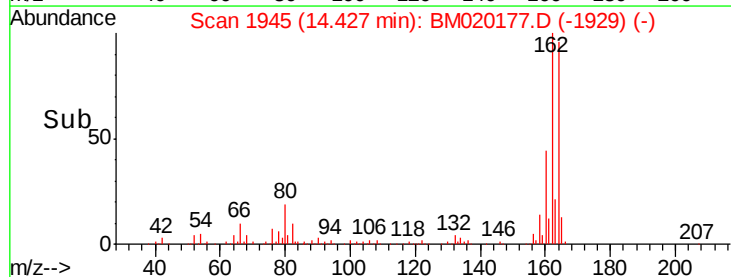
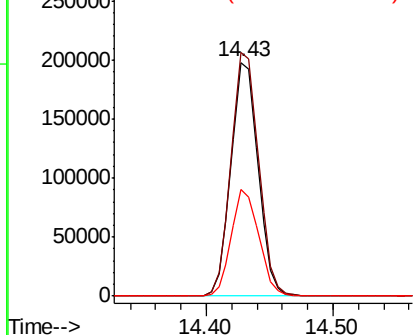


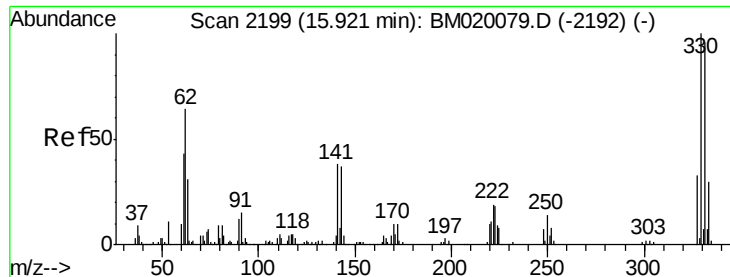
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020177.D
Acq: 07 May 2019 22:31

Tgt Ion:164 Resp: 292728
Ion Ratio Lower Upper
164 100
162 104.1 82.2 123.2
160 45.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

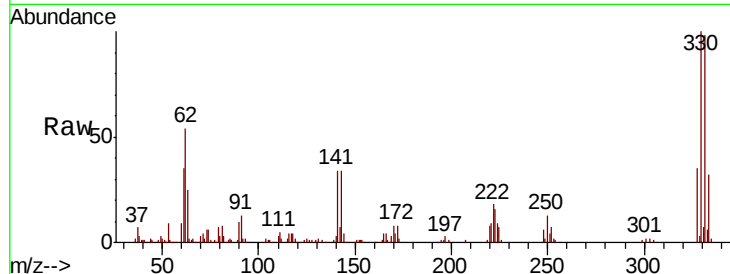




#42
 2,4,6-Tribromophenol
 Concen: 37.968 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BM020177.D
 Acq: 07 May 2019 22:31

Instrument :
 BNA_M
 ClientSampleId :
 EB-20190502

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.8	115.2
141	33.2	29.2	43.8

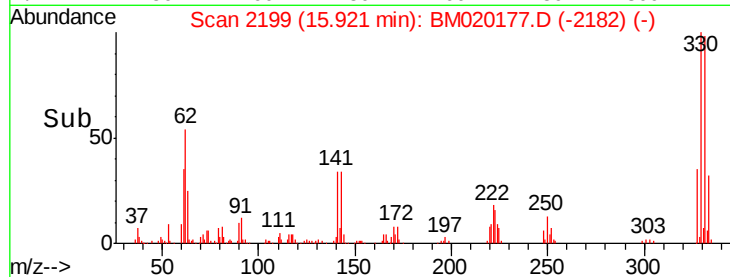
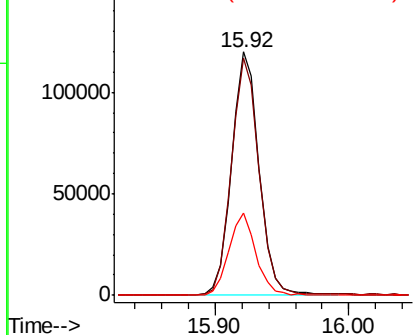


Abundance

Ion 329.80 (329.50 to 330.50): E

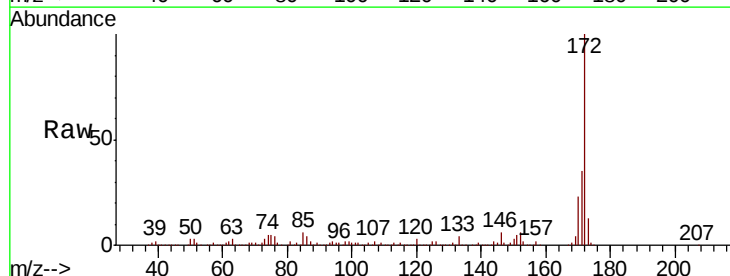
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.038 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020177.D
 Acq: 07 May 2019 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	23.2	17.9	26.9

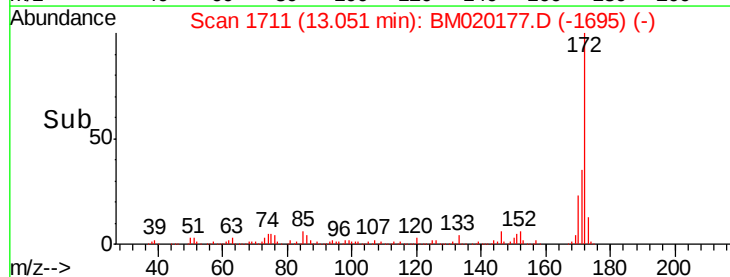
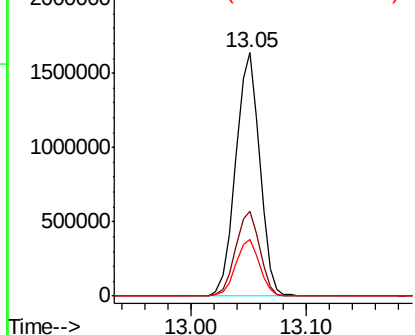


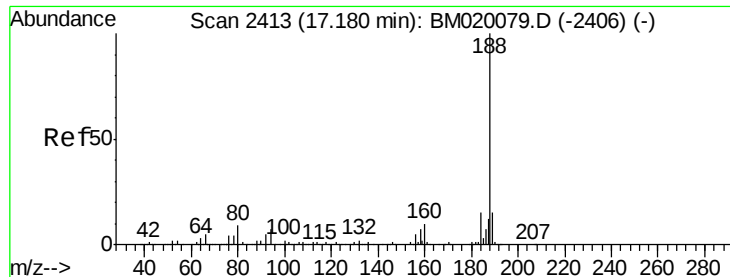
Abundance

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: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM020177.D

Acq: 07 May 2019 22:31

Instrument :

BNA_M

ClientSampleId :

EB-20190502

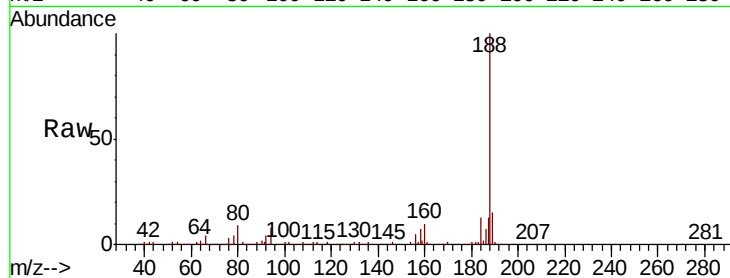
Tot Ion:188 Resp: 704773

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

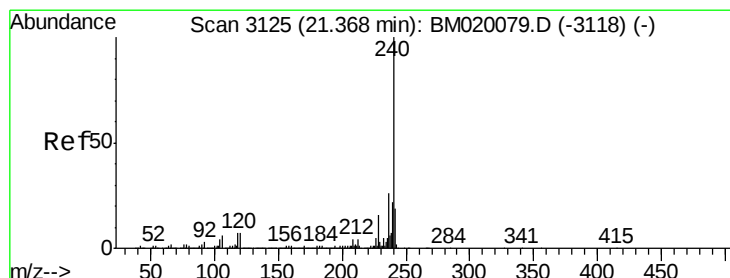
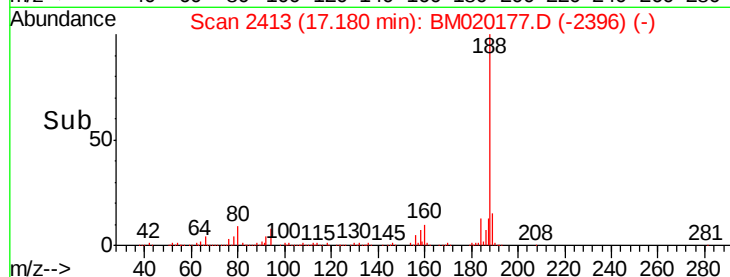
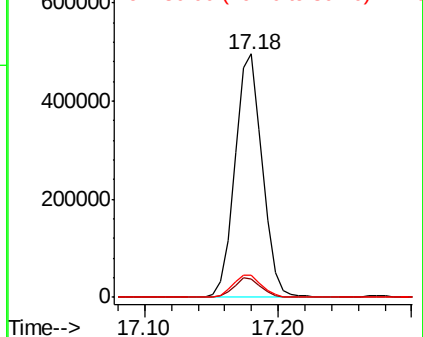
80 9.2 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020177.D

Acq: 07 May 2019 22:31

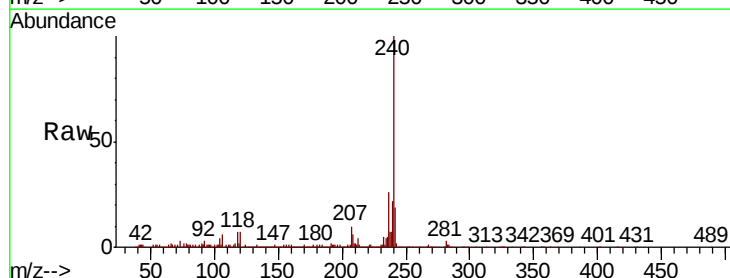
Tgt Ion:240 Resp: 714070

Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

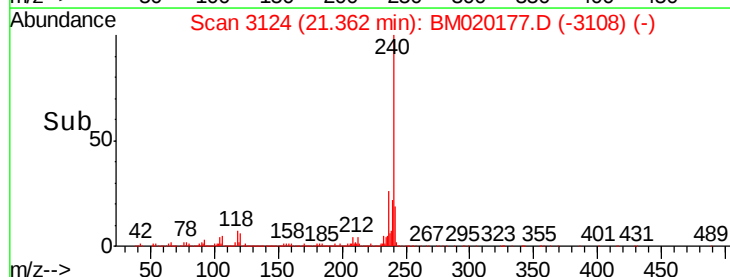
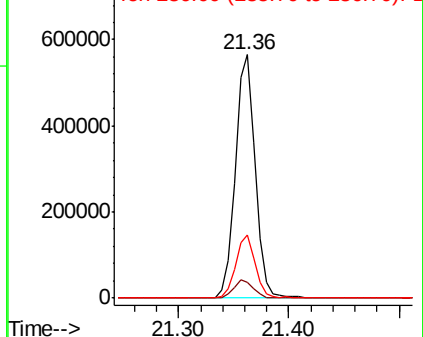
236 26.2 20.9 31.3

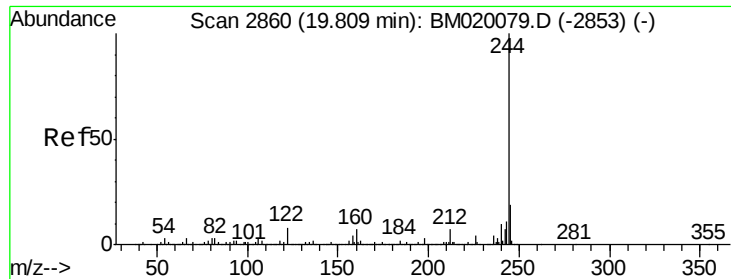


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.663 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020177.D

Acq: 07 May 2019 22:31

Instrument :

BNA_M

ClientSampleId :

EB-20190502

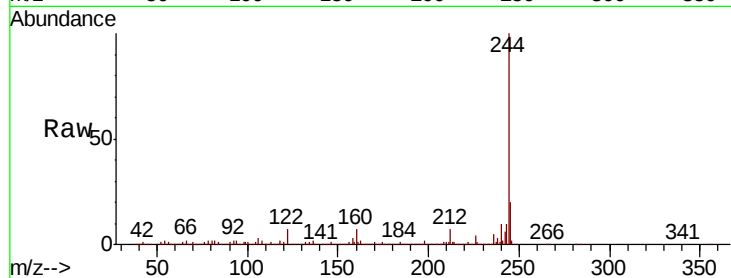
Tot Ion:244 Resp: 4489538

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

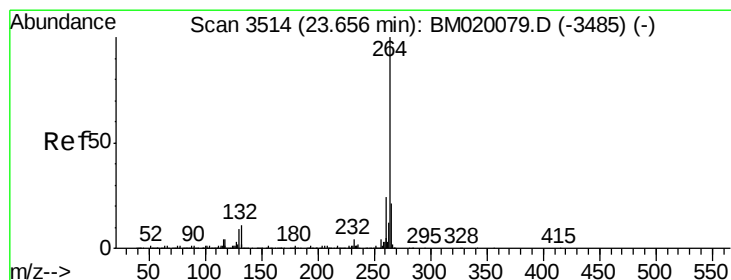
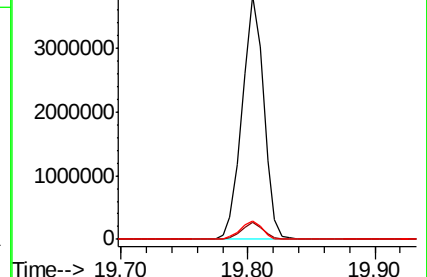
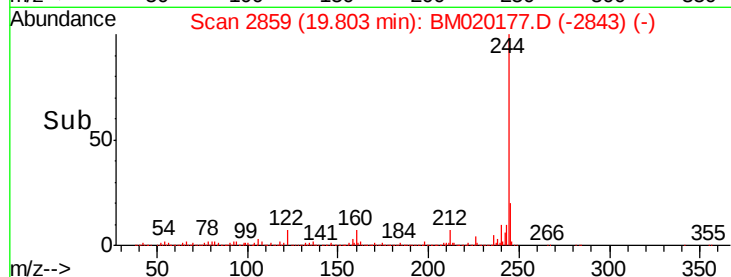
122 7.4 6.2 9.2



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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020177.D

Acq: 07 May 2019 22:31

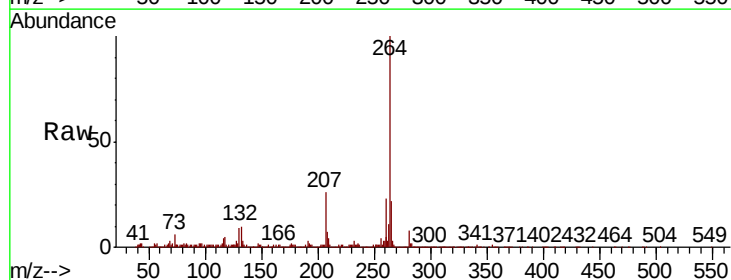
Tgt Ion:264 Resp: 837536

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.1 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

