

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020231.D
 Acq On : 10 May 2019 07:12
 Operator : JU/SJ
 Sample : K2727-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWS-3

Quant Time: May 10 08:50:37 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	7.77	152	109528	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	396404	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	239465	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	539879	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	519436	20.00	ng	-0.02
87) Perylene-d12	23.64	264	632904	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	8.94	82	889551	88.60	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	18206	4.90	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	1877482	96.46	ng	-0.02
79) Terphenyl-d14	19.79	244	2954960	99.22	ng	-0.02

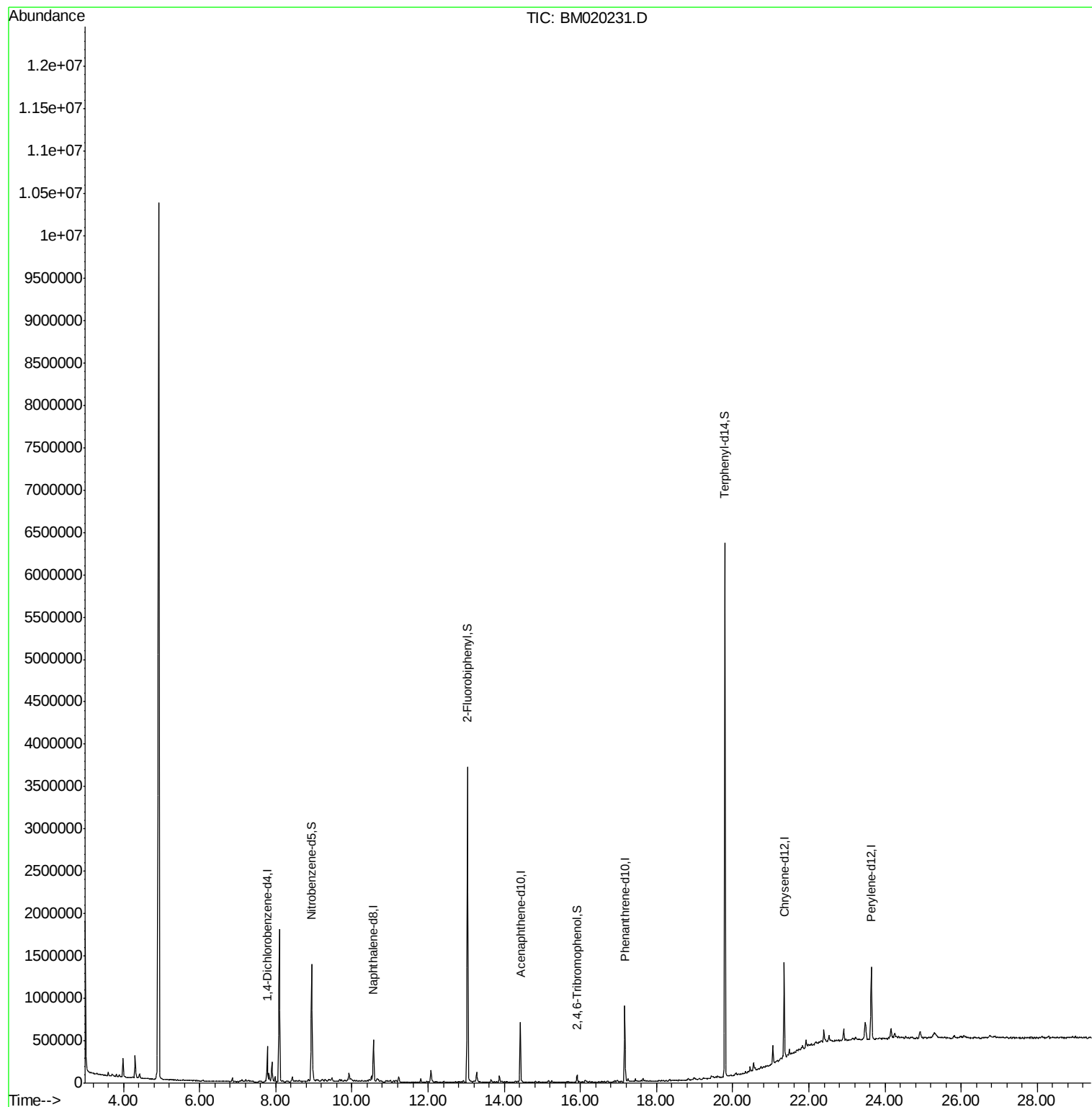
Target Compounds Qvalue

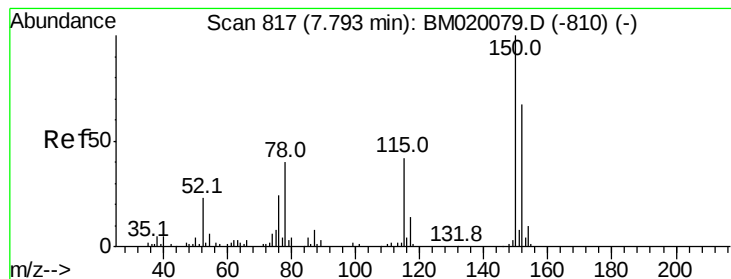
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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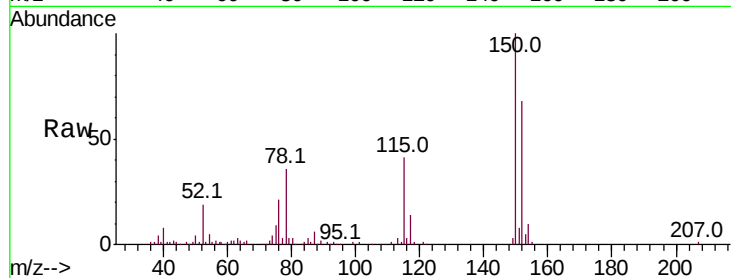


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020231.D
Acq: 10 May 2019 07:12

Instrument :
BNA_M
ClientSampleId :
OWS-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.8	179.8
115	60.5	50.8	76.2

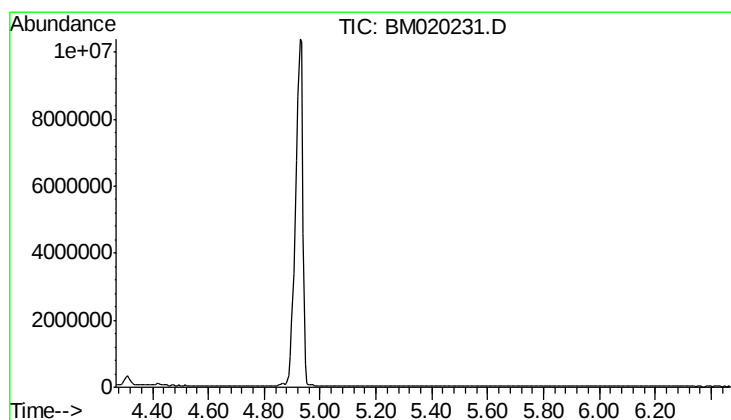
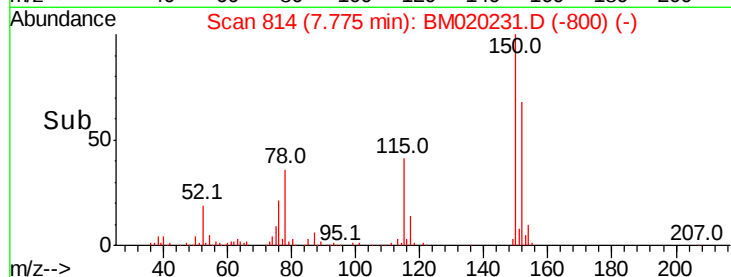
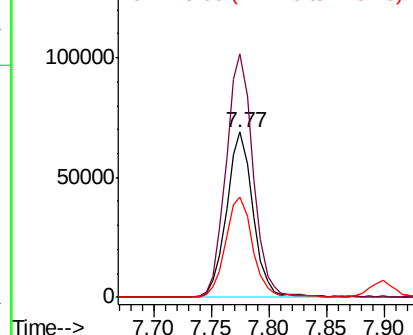


Abundance

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

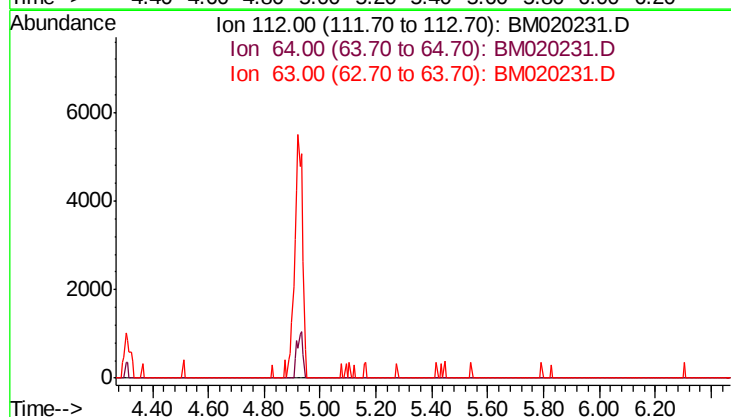


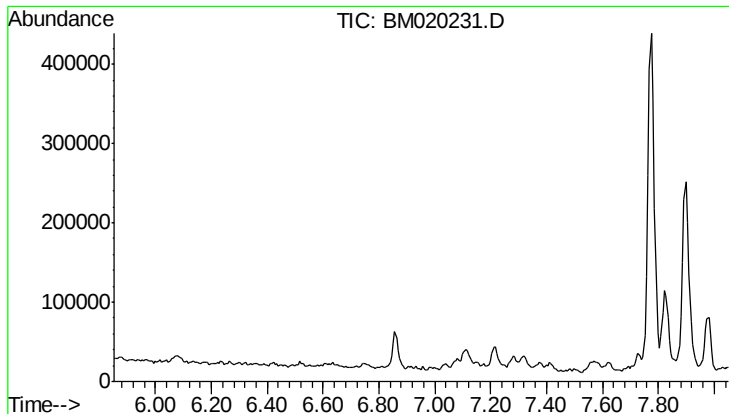
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.37 min

Lab File: BM020231.D
Acq: 10 May 2019 07:12

Tgt Ion	Sig	Exp Ratio
112	100	
64	67.2	
63	40.4	





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BM020231.D

Acq: 10 May 2019 07:12

Instrument :

BNA_M

ClientSampleId :

OWS-3

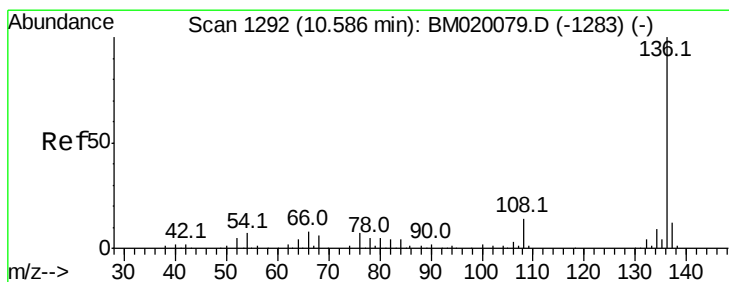
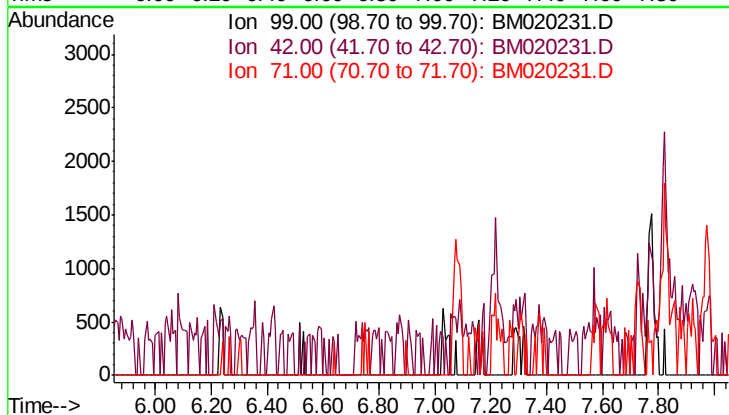
Tot Ion: 99

Sig Exp Ratio

99 100

42 17.7

71 50.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020231.D

Acq: 10 May 2019 07:12

Tgt Ion:136 Resp: 396404

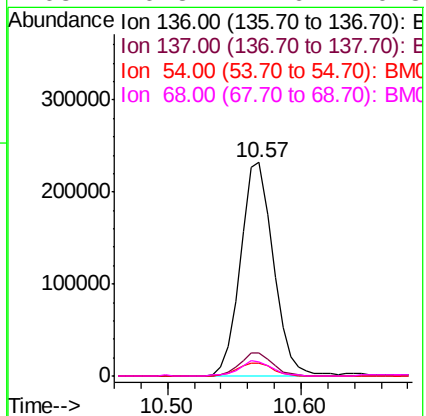
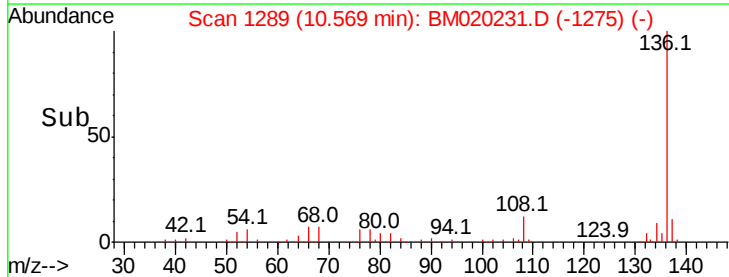
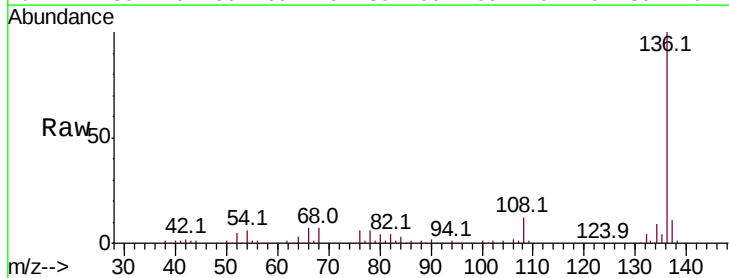
Ion Ratio Lower Upper

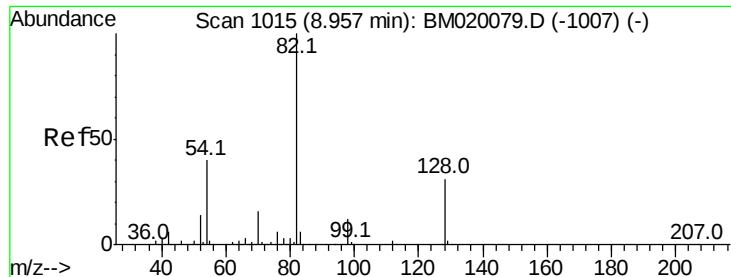
136 100

137 11.1 9.6 14.4

54 6.0 5.5 8.3

68 6.8 4.6 6.8

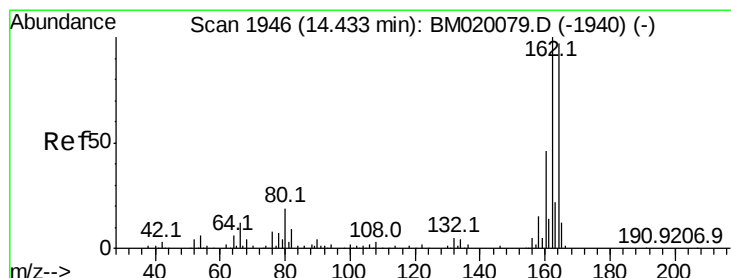
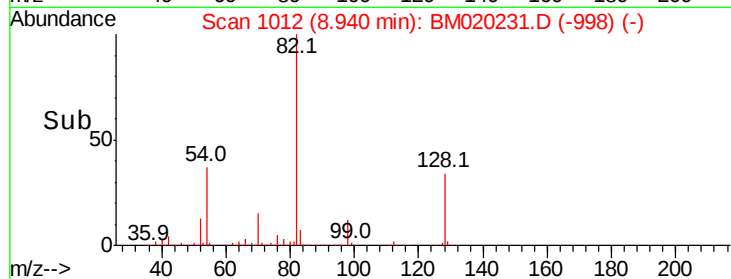
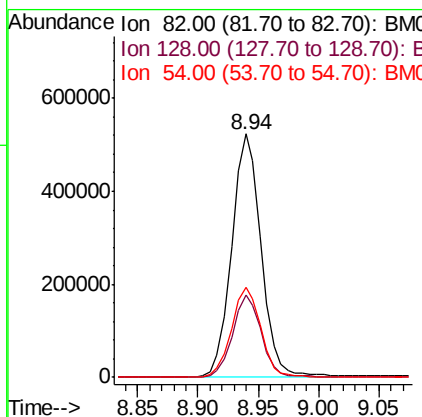
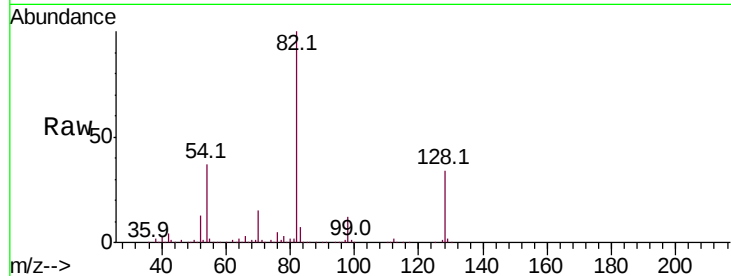




#23
Nitrobenzene-d5
Concen: 88.595 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020231.D
Acq: 10 May 2019 07:12

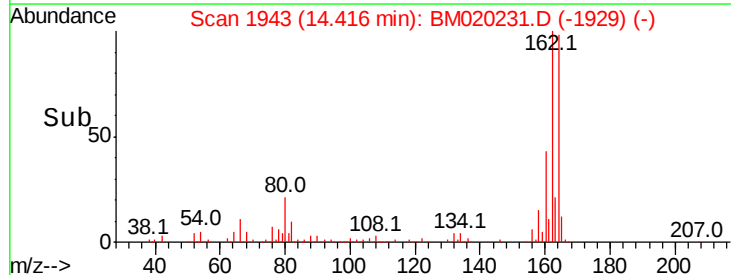
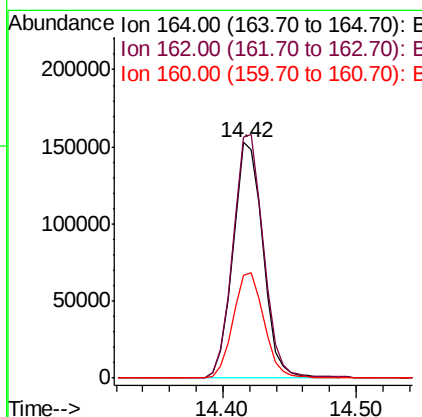
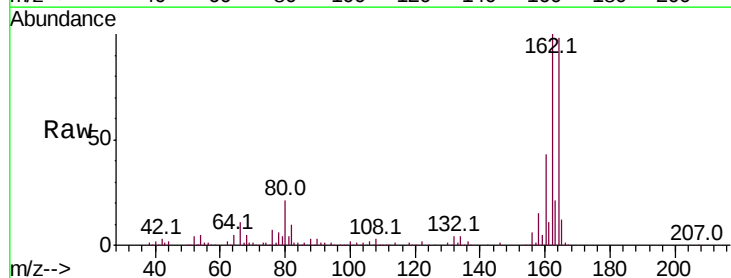
Instrument :
BNA_M
ClientSampleId :
OWS-3

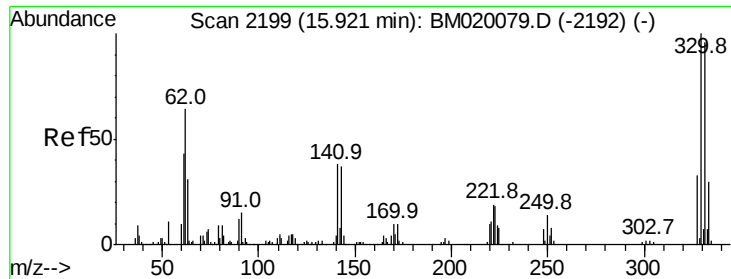
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	25.2	37.8
54	36.9	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020231.D
Acq: 10 May 2019 07:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	43.5	37.6	56.4

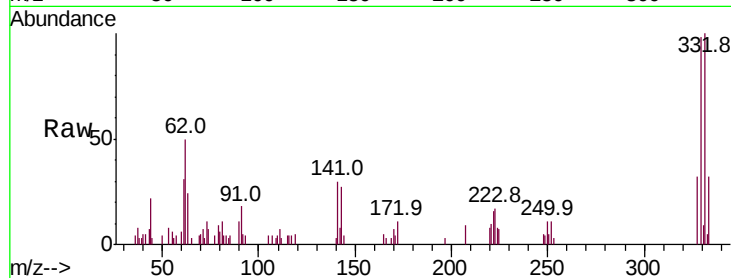




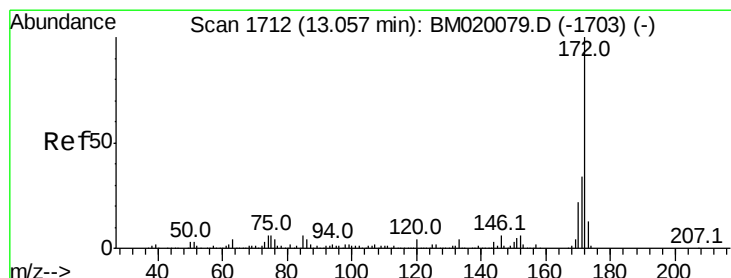
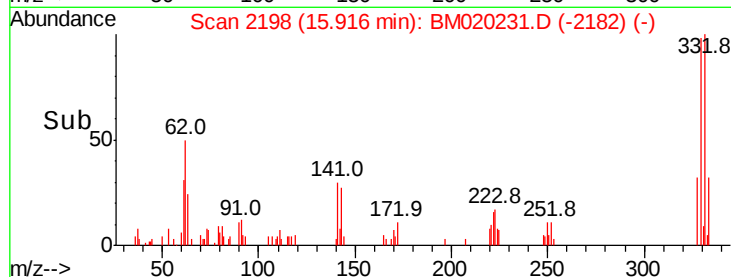
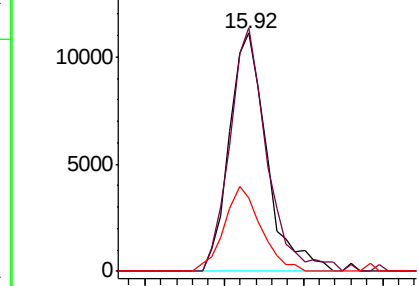
#42
 2,4,6-Tribromophenol
 Concen: 4.898 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020231.D
 Acq: 10 May 2019 07:12

Instrument :
 BNA_M
 ClientSampleId :
 OWS-3

Tot Ion:330 Resp: 18206
 Ion Ratio Lower Upper
 330 100
 332 100.8 76.8 115.2
 141 35.0 29.2 43.8

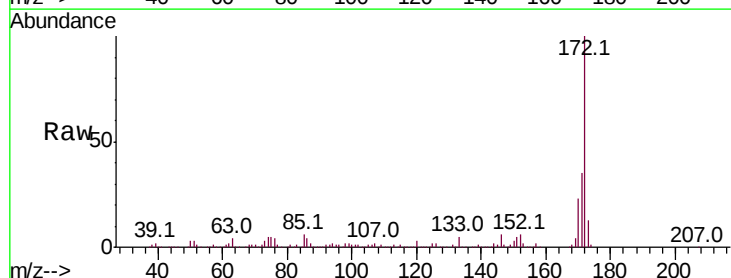


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

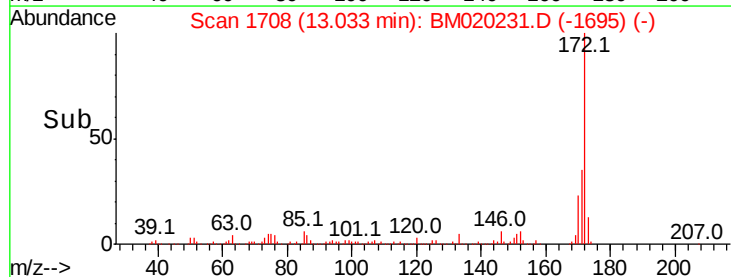
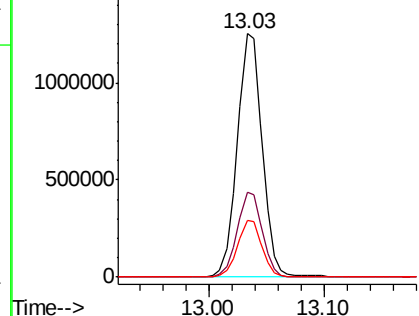


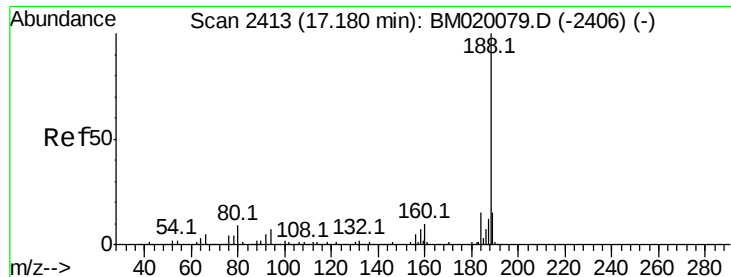
#45
 2-Fluorobiphenyl
 Concen: 96.465 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM020231.D
 Acq: 10 May 2019 07:12

Tgt Ion:172 Resp: 1877482
 Ion Ratio Lower Upper
 172 100
 171 35.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020231.D

Acq: 10 May 2019 07:12

Instrument :

BNA_M

ClientSampleId :

OWS-3

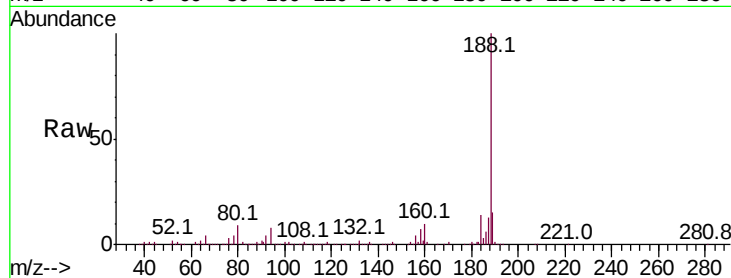
Tot Ion:188 Resp: 539879

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

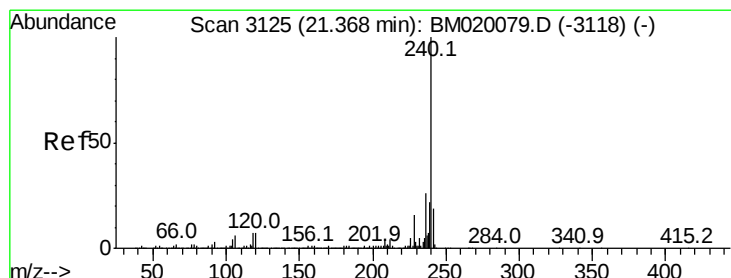
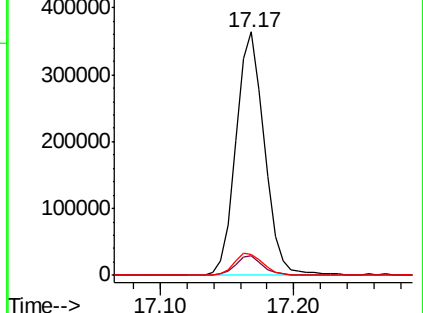
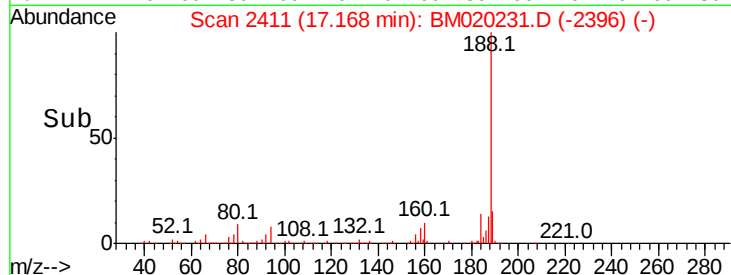
80 8.6 7.4 11.2



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: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020231.D

Acq: 10 May 2019 07:12

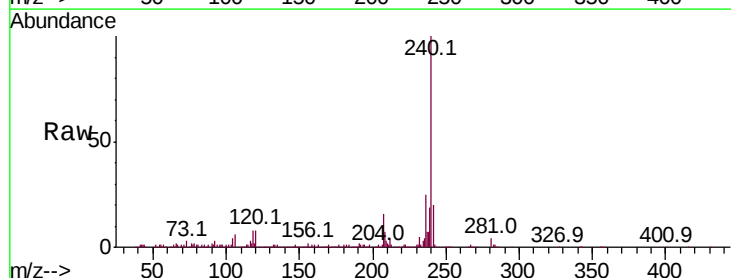
Tgt Ion:240 Resp: 519436

Ion Ratio Lower Upper

240 100

120 7.9 5.6 8.4

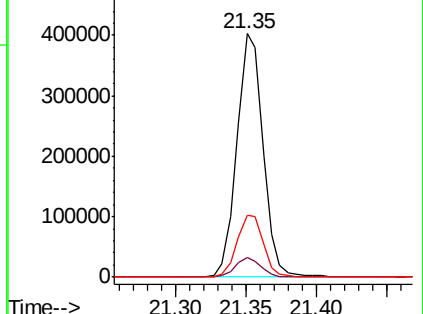
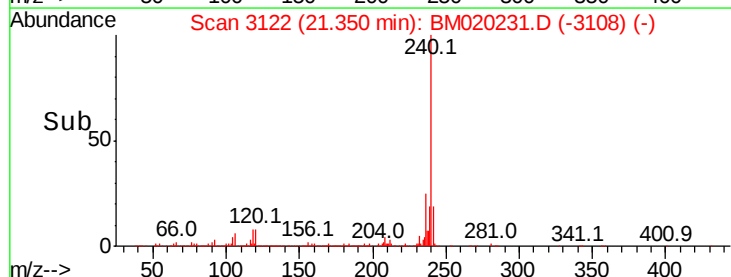
236 25.3 20.9 31.3

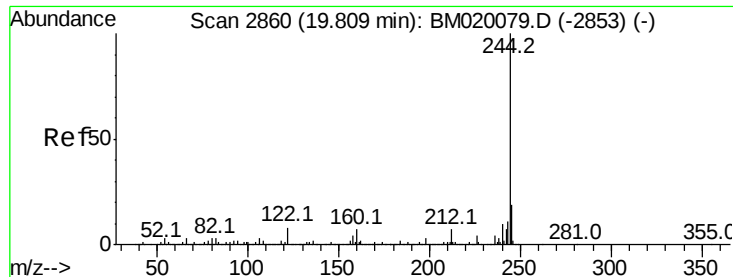


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.225 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020231.D

Acq: 10 May 2019 07:12

Instrument :

BNA_M

ClientSampleId :

OWS-3

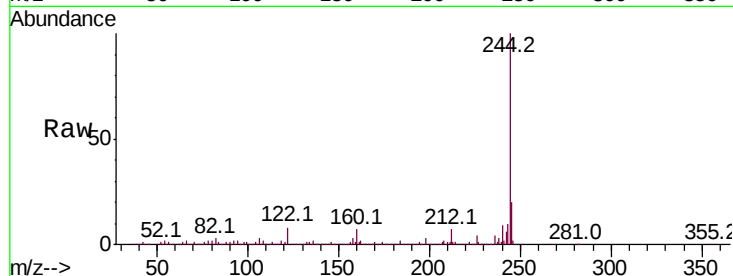
Tot Ion:244 Resp: 2954960

Ion Ratio Lower Upper

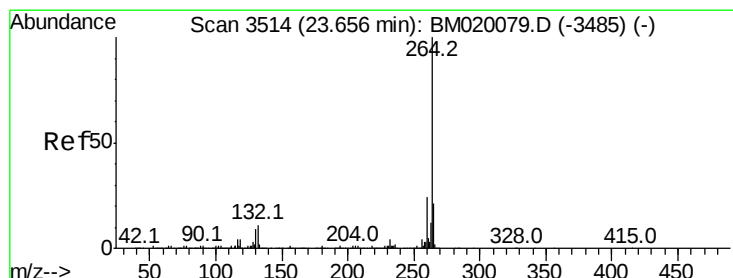
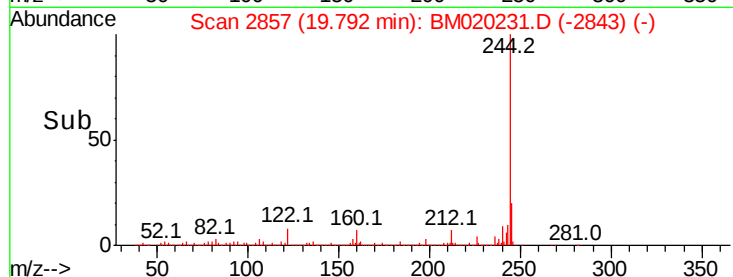
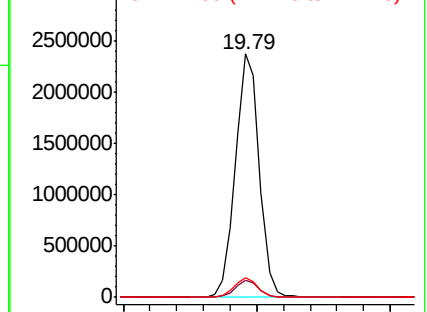
244 100

212 6.8 5.7 8.5

122 7.9 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# 3511

Delta R.T. -0.02 min

Lab File: BM020231.D

Acq: 10 May 2019 07:12

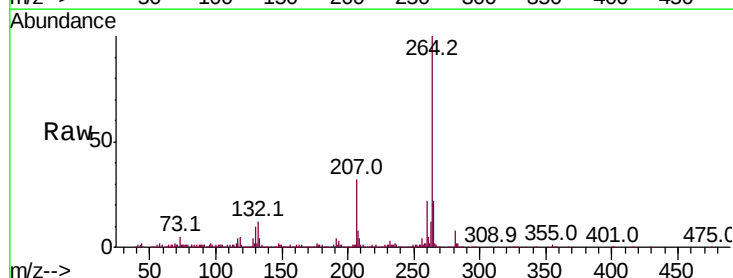
Tgt Ion:264 Resp: 632904

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.6 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

