

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042678.D
 Acq On : 09 Nov 2023 19:10
 Operator : MA/JU
 Sample : 05102-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 67S-IDW-01

Quant Time: Nov 09 23:53:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

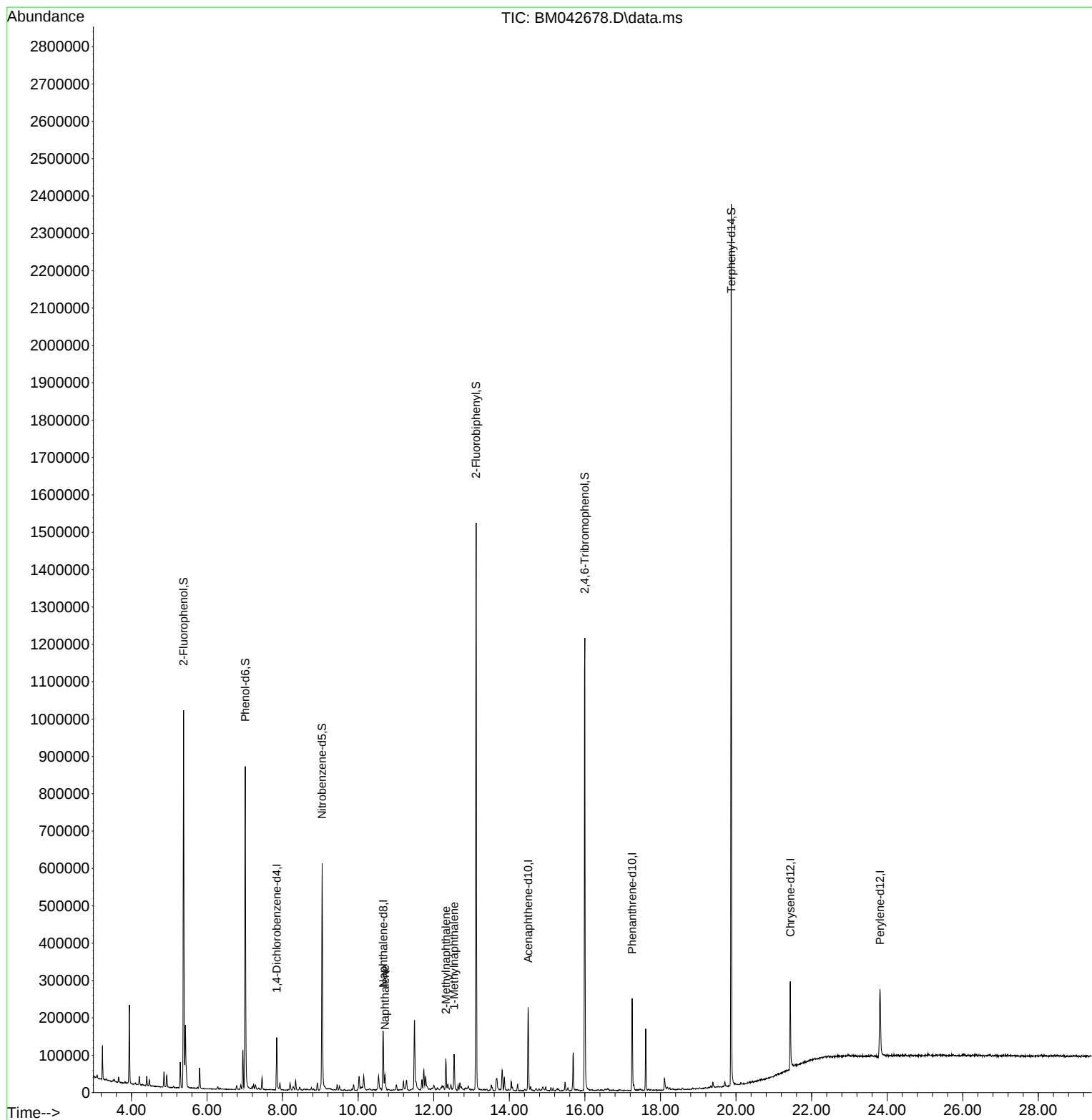
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	30046	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	108051	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	68503	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	138304	20.000	ng	0.00
76) Chrysene-d12	21.439	240	121528	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	149912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	315104	169.254	ng	0.00
7) Phenol-d6	7.010	99	370215	144.996	ng	0.00
23) Nitrobenzene-d5	9.045	82	310349	133.894	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	172034	192.353	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	628306	123.418	ng	0.00
79) Terphenyl-d14	19.874	244	979693	136.691	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.710	128	26686	4.780	ng	96
37) 2-Methylnaphthalene	12.321	142	33757	8.586	ng	93
38) 1-Methylnaphthalene	12.539	142	35323	9.545	ng	# 96

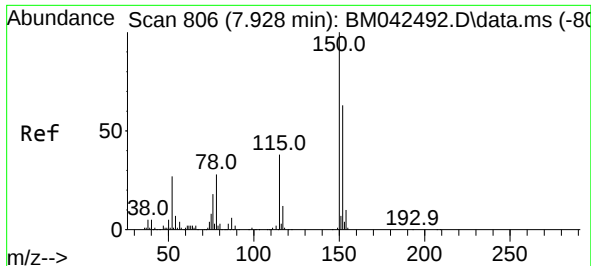
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
Data File : BM042678.D
Acq On : 09 Nov 2023 19:10
Operator : MA/JU
Sample : 05102-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

Quant Time: Nov 09 23:53:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

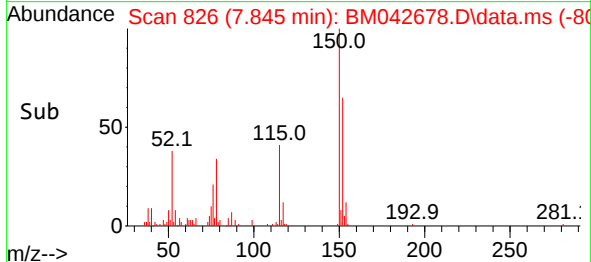
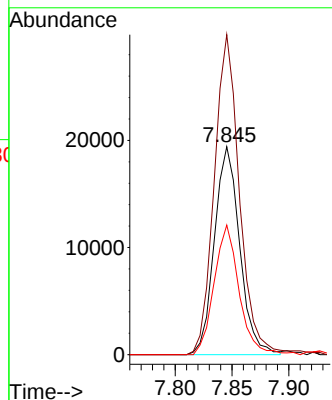
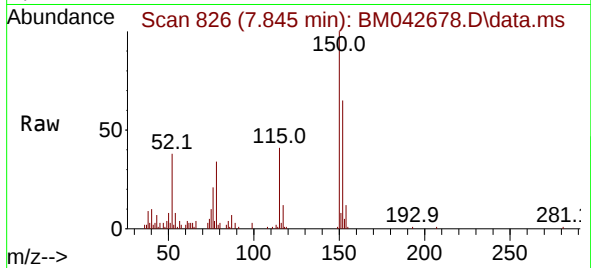




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

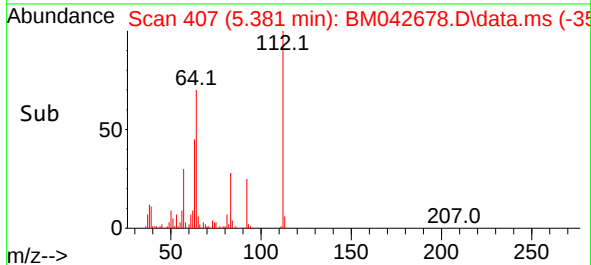
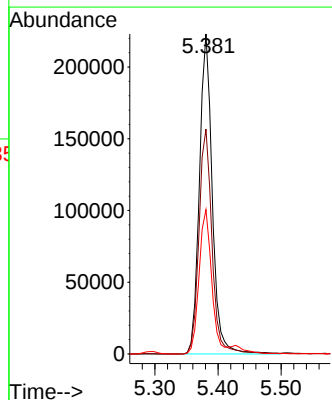
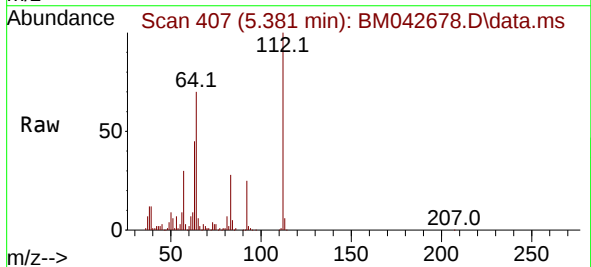
Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

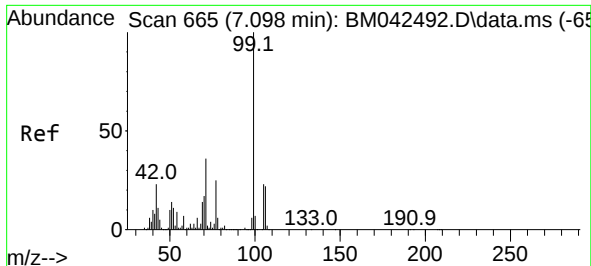
Tgt Ion:152 Resp: 30046
Ion Ratio Lower Upper
152 100
150 153.9 127.4 191.0
115 62.3 47.9 71.9



#5
2-Fluorophenol
Concen: 169.254 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion:112 Resp: 315104
Ion Ratio Lower Upper
112 100
64 70.2 52.1 78.1
63 45.1 28.3 42.5#

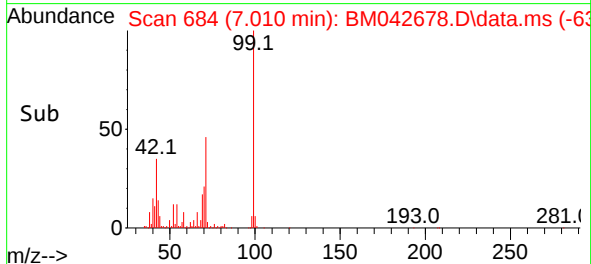
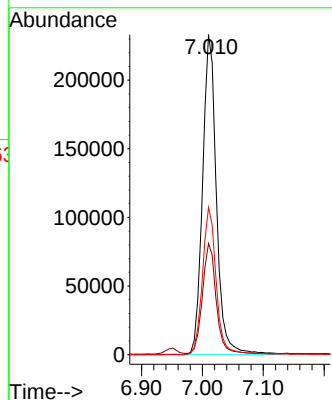
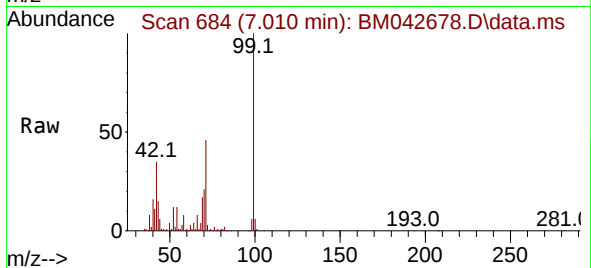




#7
Phenol-d6
Concen: 144.996 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

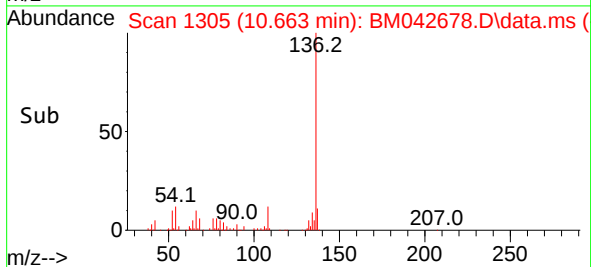
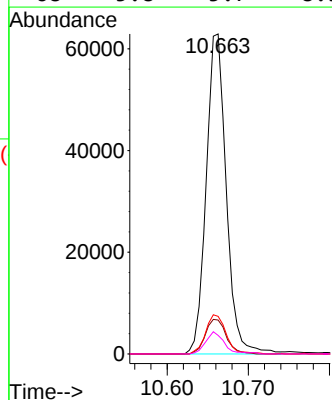
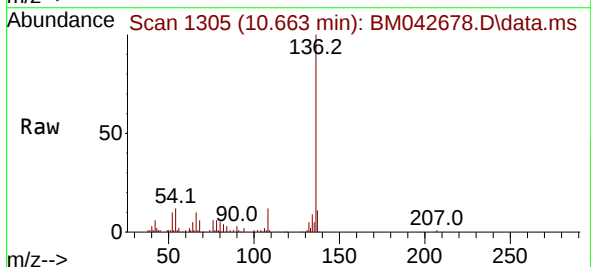
Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

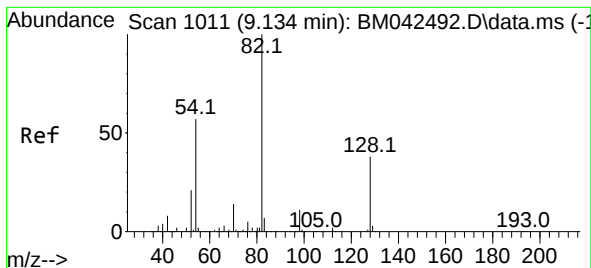
Tgt Ion: 99 Resp: 370215
Ion Ratio Lower Upper
99 100
42 34.7 18.7 28.1#
71 46.0 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion: 136 Resp: 108051
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 11.7 8.0 12.0
68 5.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 133.894 ng

RT: 9.045 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

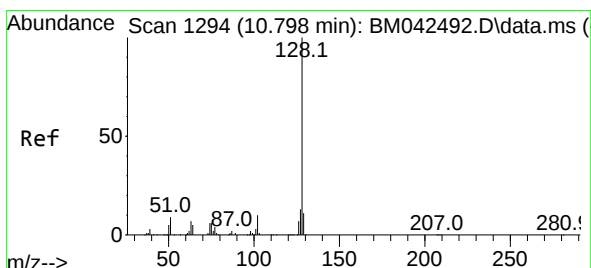
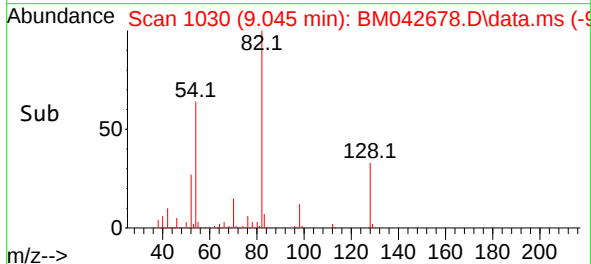
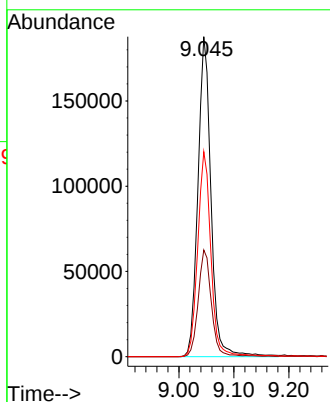
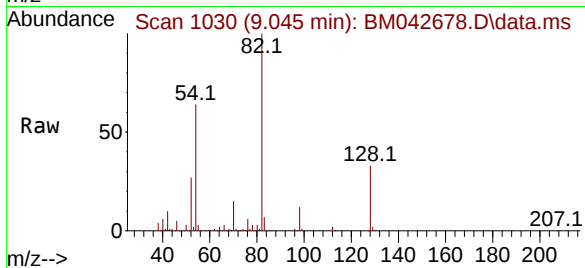
Tgt Ion: 82 Resp: 310349

Ion Ratio Lower Upper

82 100

128 33.3 30.7 46.1

54 64.1 45.3 67.9



#31

Naphthalene

Concen: 4.780 ng

RT: 10.710 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

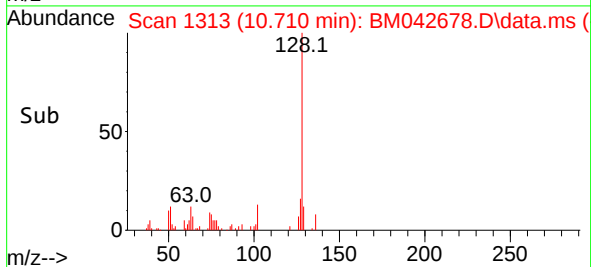
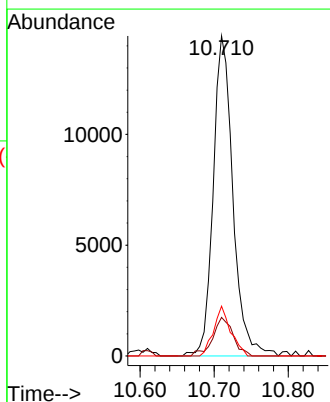
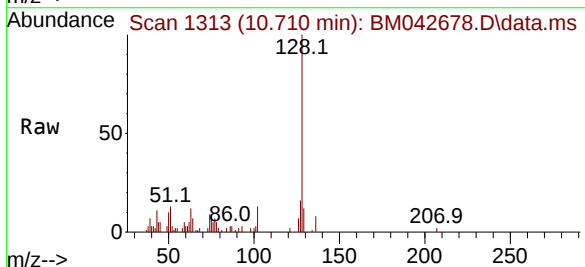
Tgt Ion: 128 Resp: 26686

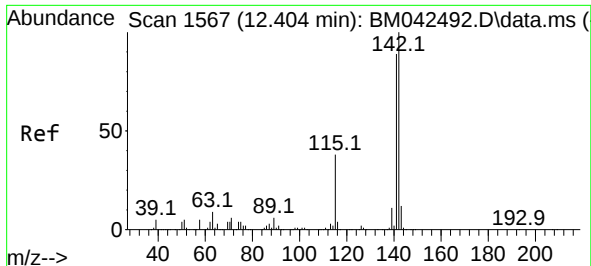
Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

127 15.5 10.6 15.8

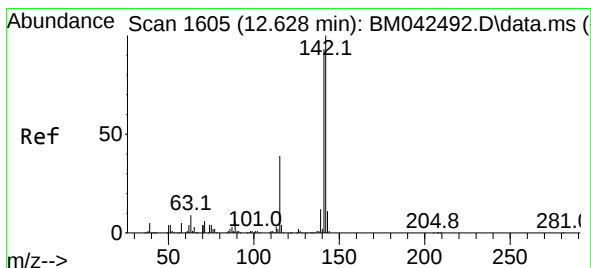
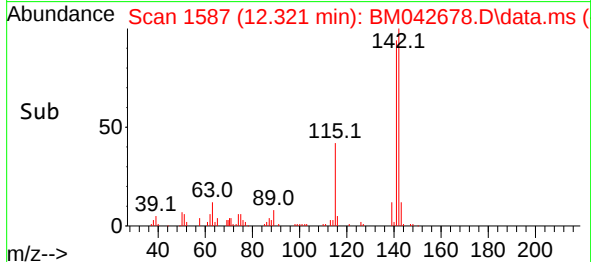
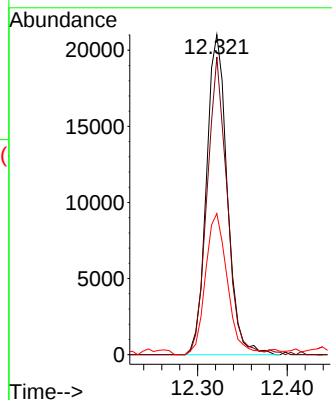
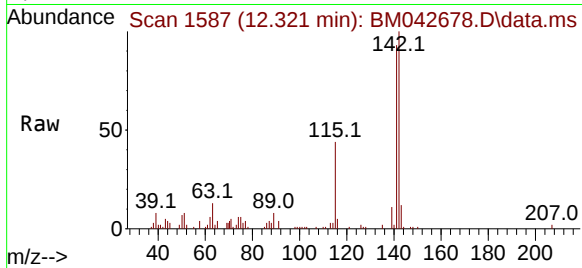




#37
2-Methylnaphthalene
Concen: 8.586 ng
RT: 12.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

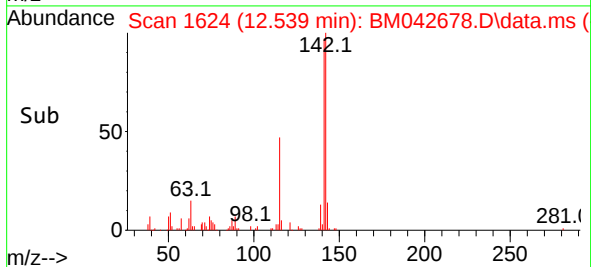
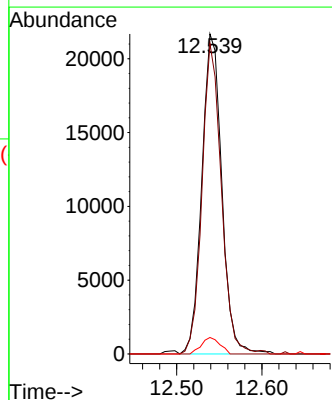
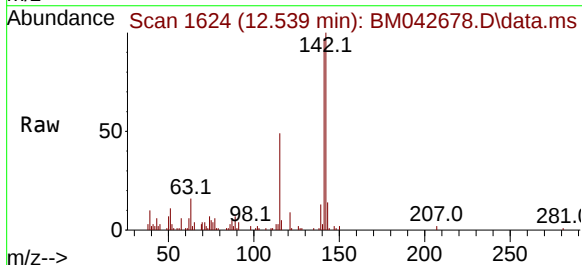
Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

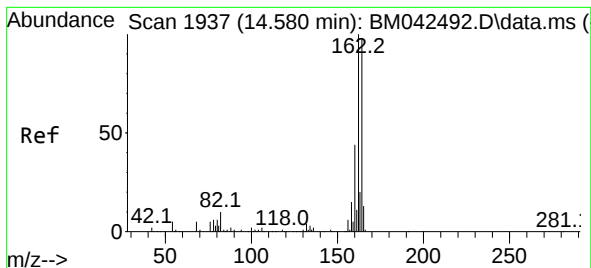
Tgt Ion:142 Resp: 33757
Ion Ratio Lower Upper
142 100
141 93.0 70.9 106.3
115 44.1 30.2 45.2



#38
1-Methylnaphthalene
Concen: 9.545 ng
RT: 12.539 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion:142 Resp: 35323
Ion Ratio Lower Upper
142 100
141 97.0 74.4 111.6
116 5.2 3.2 4.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

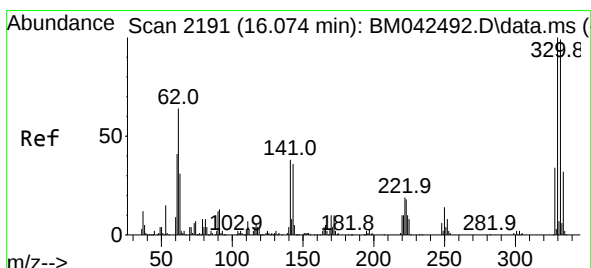
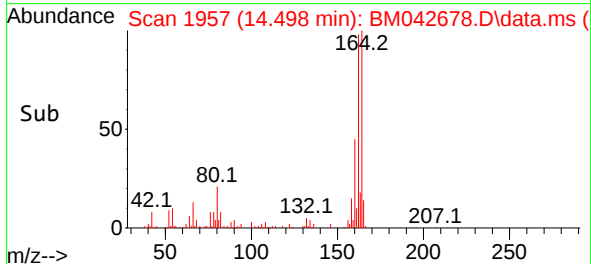
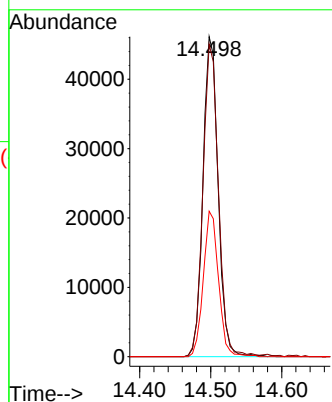
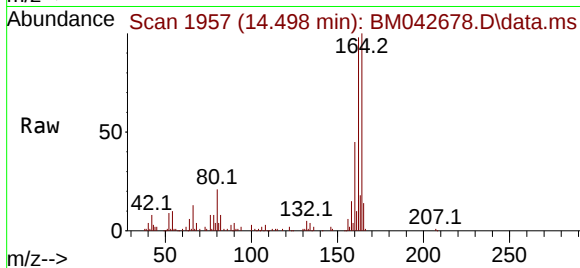
Tgt Ion:164 Resp: 68503

Ion Ratio Lower Upper

164 100

162 97.6 81.6 122.4

160 45.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 192.353 ng

RT: 15.998 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

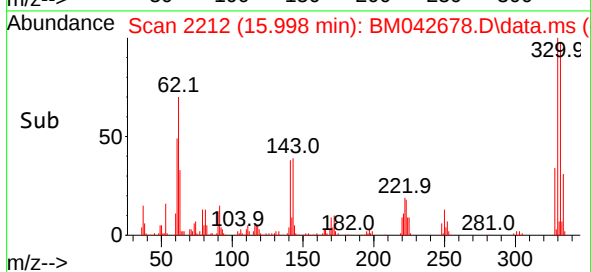
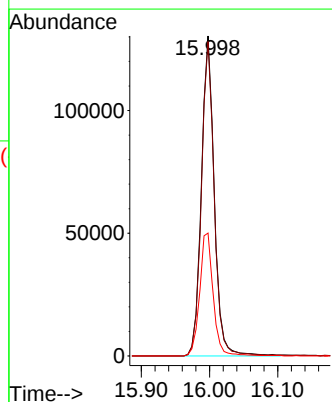
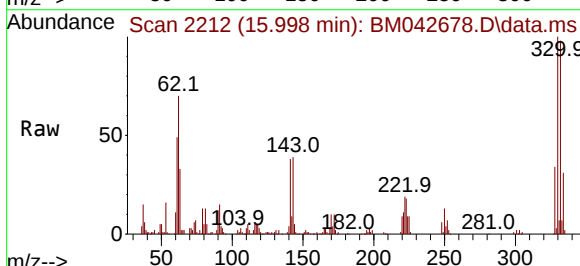
Tgt Ion:330 Resp: 172034

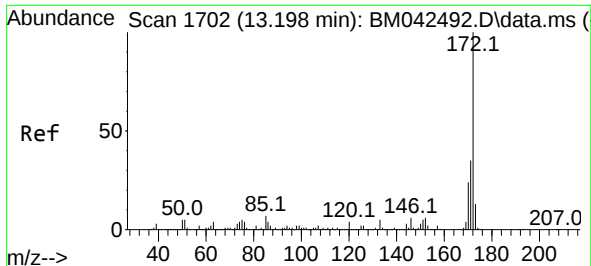
Ion Ratio Lower Upper

330 100

332 97.1 78.8 118.2

141 40.3 31.1 46.7

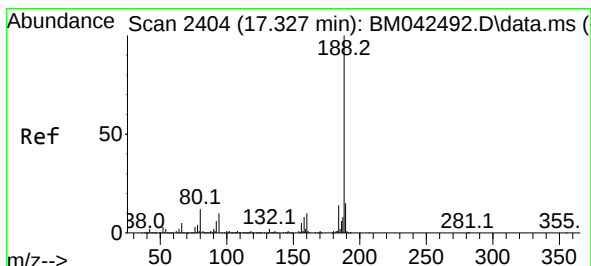
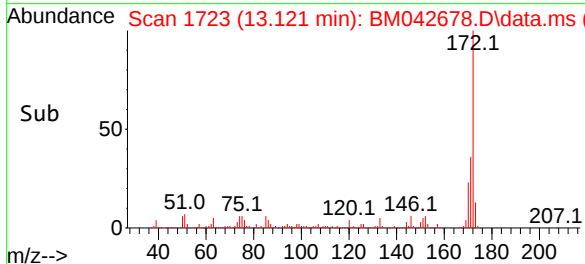
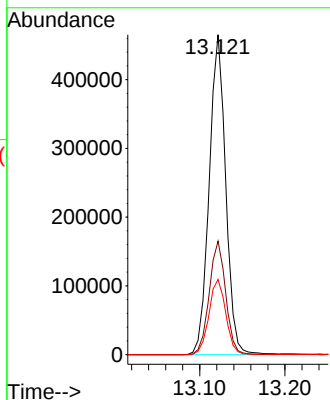
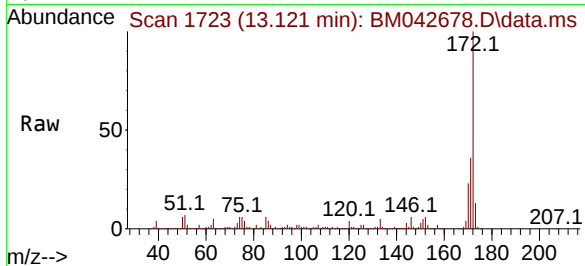




#45
2-Fluorobiphenyl
Concen: 123.418 ng
RT: 13.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

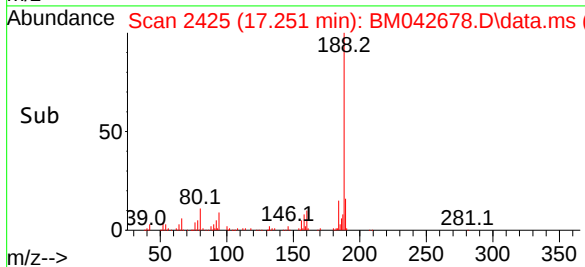
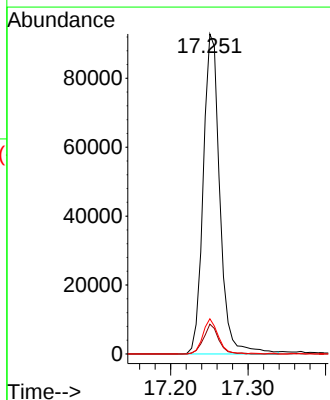
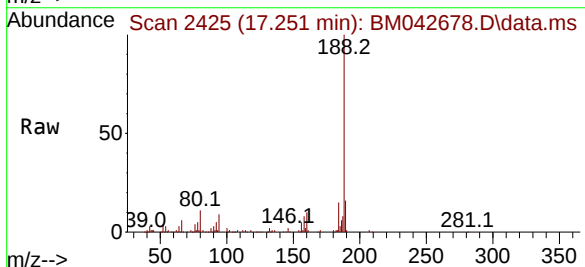
Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

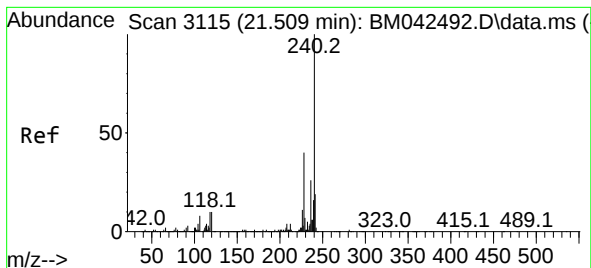
Tgt Ion:172 Resp: 628306
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion:188 Resp: 138304
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 11.0 9.4 14.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

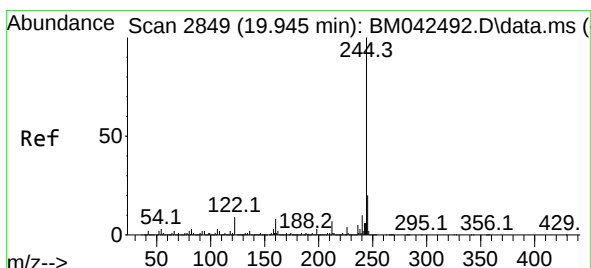
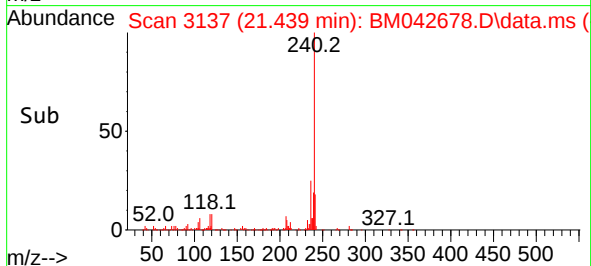
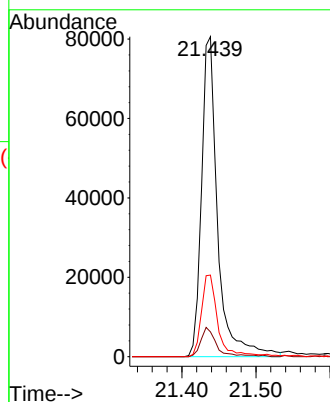
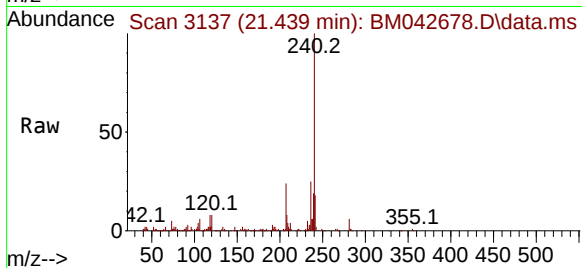
Tgt Ion:240 Resp: 121528

Ion Ratio Lower Upper

240 100

120 7.7 8.3 12.5#

236 25.5 20.8 31.2



#79

Terphenyl-d14

Concen: 136.691 ng

RT: 19.874 min Scan# 2871

Delta R.T. -0.000 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

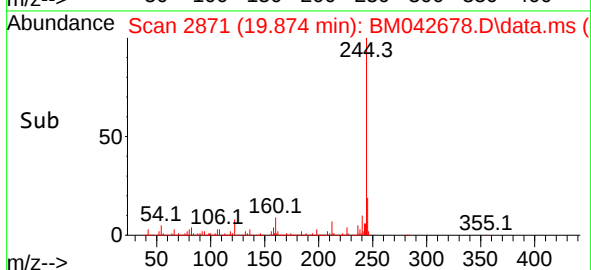
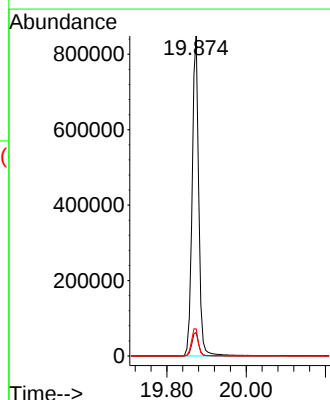
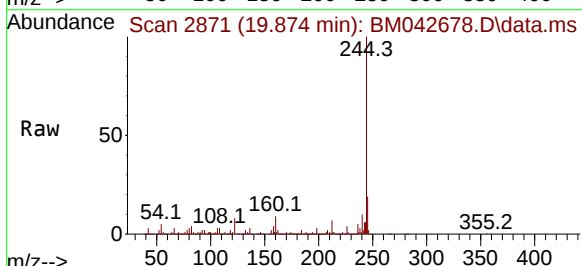
Tgt Ion:244 Resp: 979693

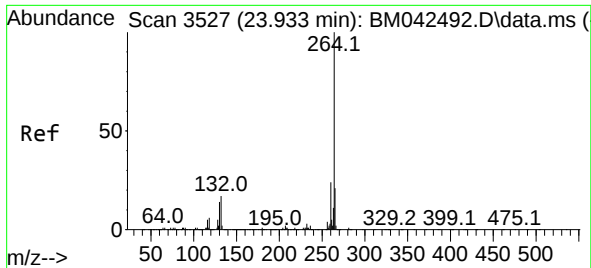
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.5 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.809 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

Tgt Ion:264 Resp: 149912
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.4
265 23.6 18.7 28.1

