

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
 Data File : BM036071.D
 Acq On : 03 Aug 2022 02:59
 Operator : CG/JU
 Sample : N3894-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-25

Quant Time: Aug 03 03:33:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:50:14 2022
 Response via : Initial Calibration

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

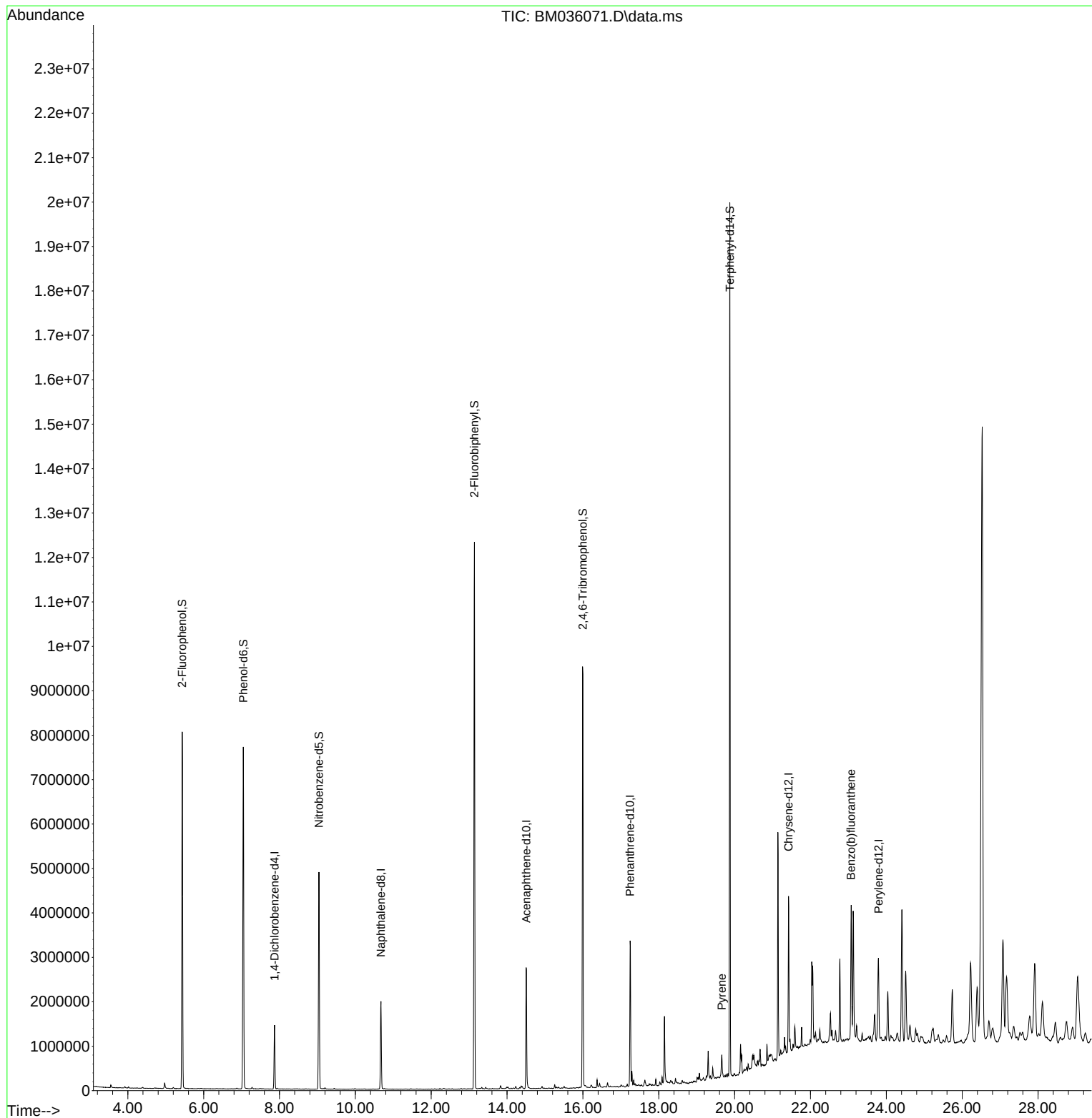
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	381603	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1642472	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	959733	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1943102	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1535805	20.000	ng	0.00
86) Perylene-d12	23.791	264	1295454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	3491917	148.356	ng	0.00
7) Phenol-d6	7.045	99	4445016	148.416	ng	0.00
23) Nitrobenzene-d5	9.039	82	2760546	94.082	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1798270	159.719	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	6182510	95.113	ng	0.00
79) Terphenyl-d14	19.874	244	9021903	115.869	ng	0.00
Target Compounds						
78) Pyrene	19.662	202	271933	2.855	ng	Qvalue 98
88) Benzo(b)fluoranthene	23.068	252	173594	2.287	ng	# 75

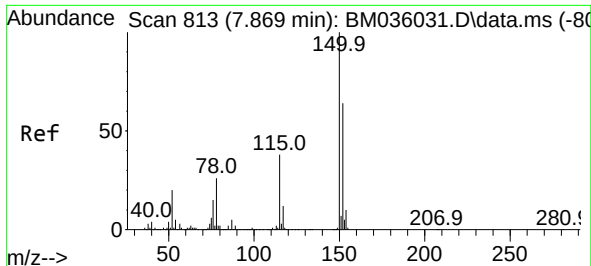
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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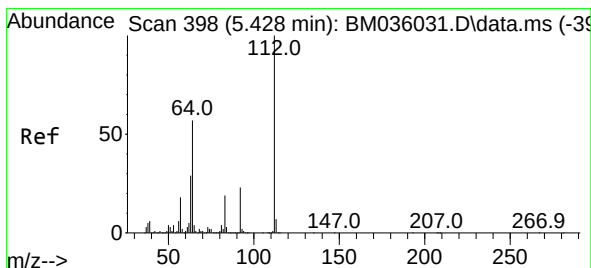
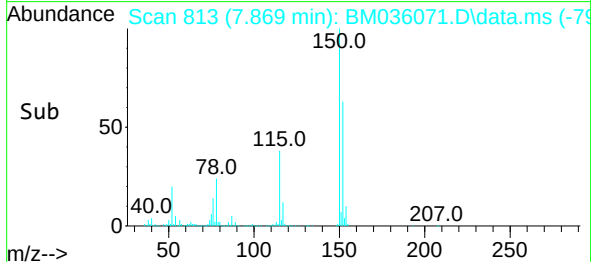
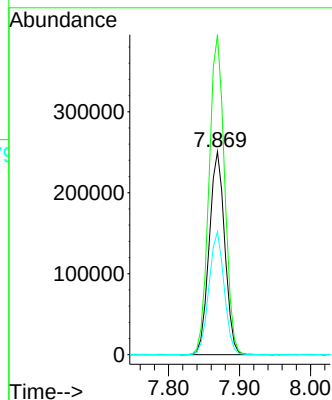
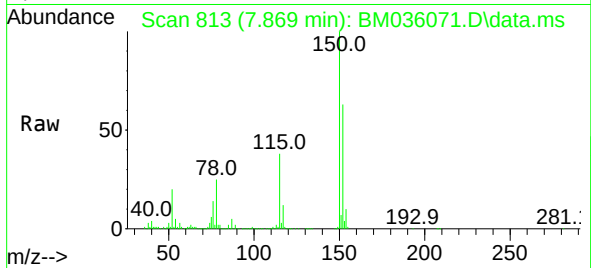




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM036071.D
Acq: 03 Aug 2022 02:59

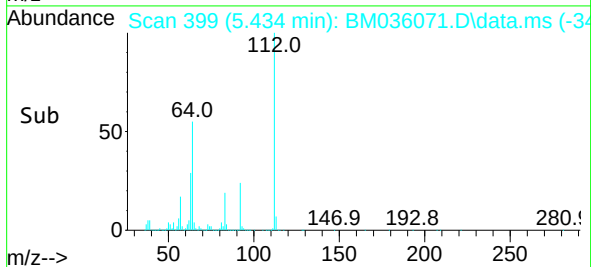
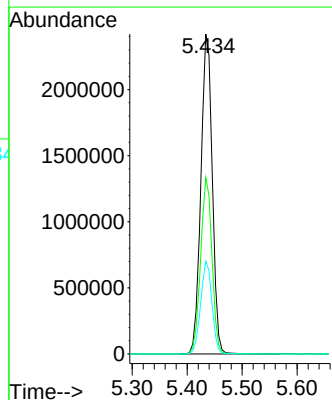
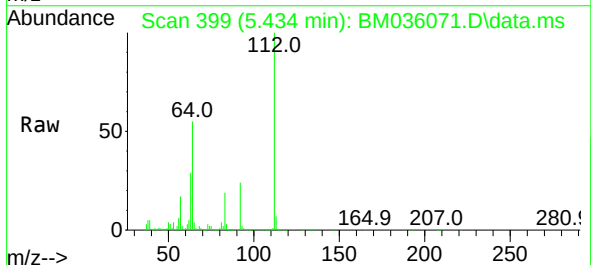
Instrument :
BNA_M
ClientSampleId :
RVE-25

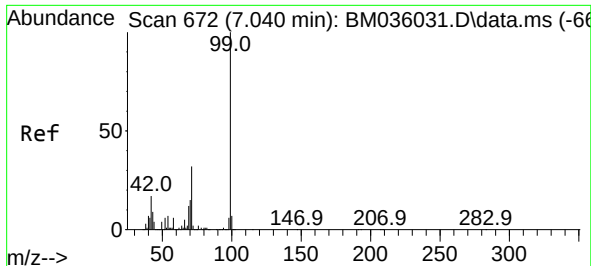
Tgt Ion:152 Resp: 381603
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 60.6 47.9 71.9



#5
2-Fluorophenol
Concen: 148.356 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM036071.D
Acq: 03 Aug 2022 02:59

Tgt Ion:112 Resp: 3491917
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 29.0 26.6 40.0

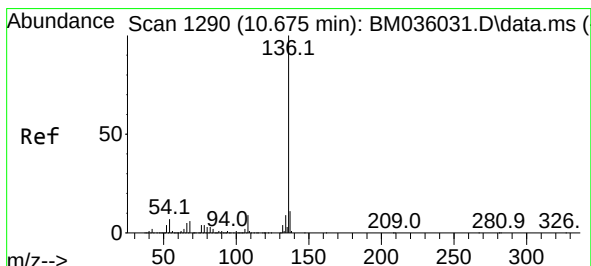
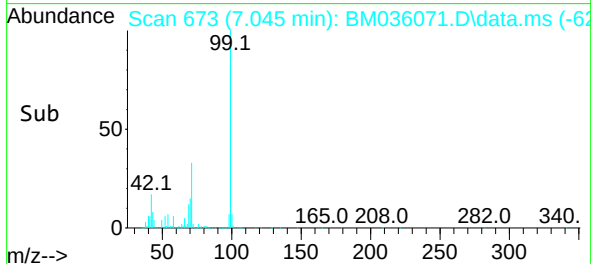
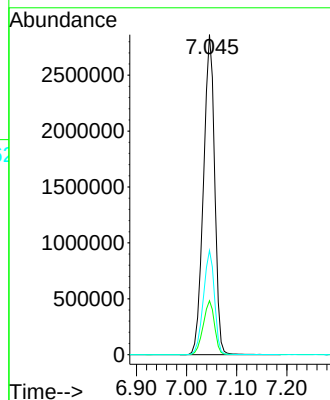
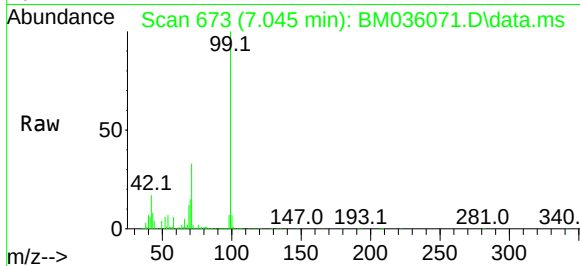




#7
Phenol-d6
Concen: 148.416 ng
RT: 7.045 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM036071.D
Acq: 03 Aug 2022 02:59

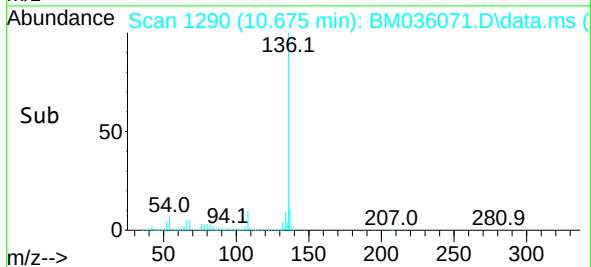
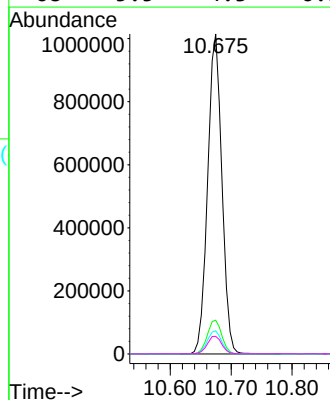
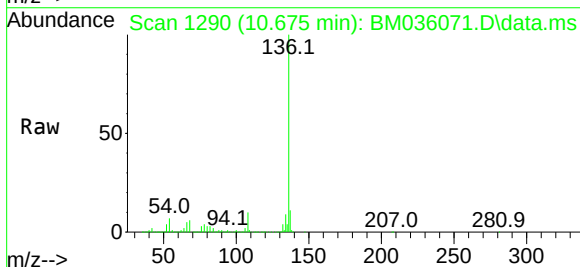
Instrument :
BNA_M
ClientSampleId :
RVE-25

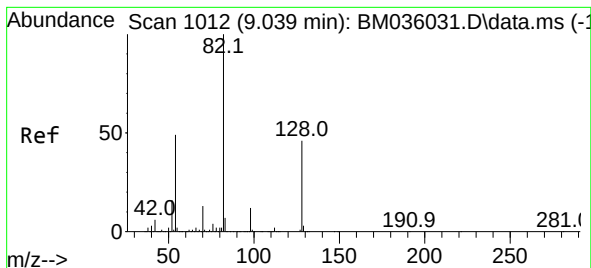
Tgt Ion: 99 Resp: 4445016
Ion Ratio Lower Upper
99 100
42 16.8 18.8 28.2#
71 32.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM036071.D
Acq: 03 Aug 2022 02:59

Tgt Ion: 136 Resp: 1642472
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.3 7.0 10.4
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 94.082 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

Instrument :

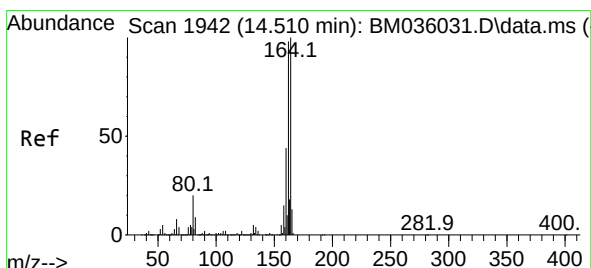
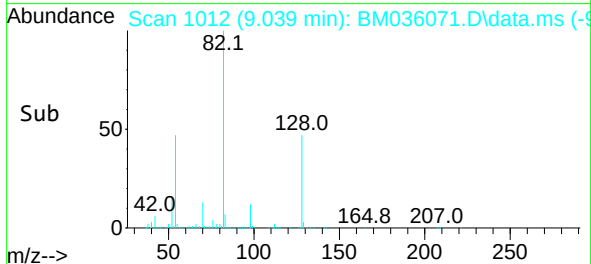
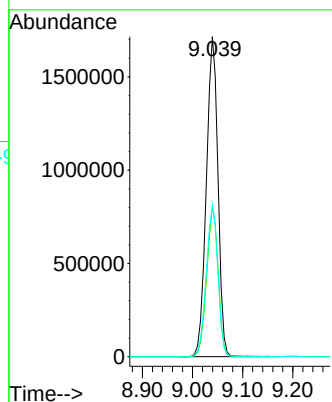
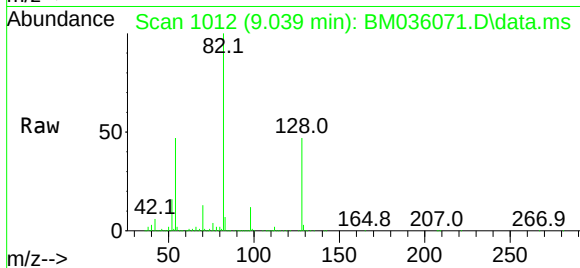
BNA_M

ClientSampleId :

RVE-25

Tgt Ion: 82 Resp: 2760546

Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.7	50.5
54	47.2	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

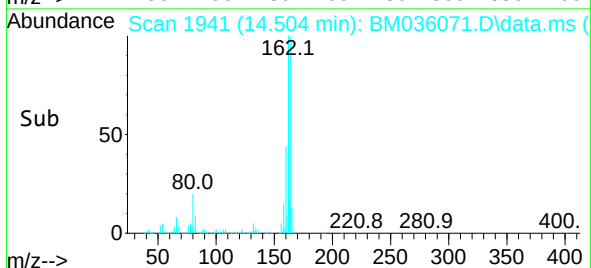
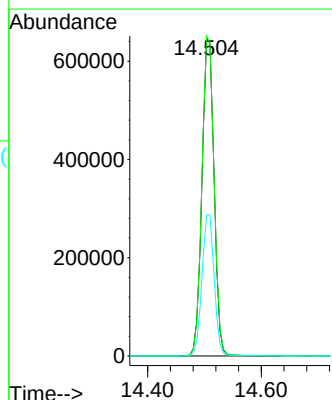
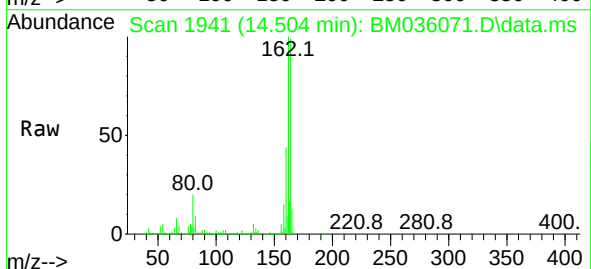
Delta R.T. -0.006 min

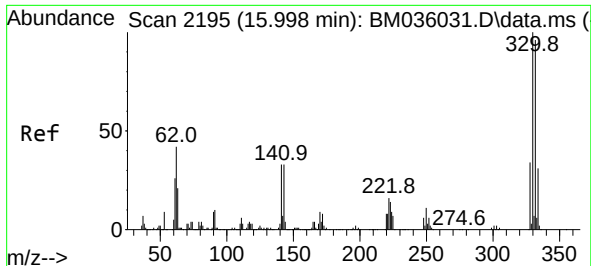
Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

Tgt Ion: 164 Resp: 959733

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.0	124.6
160	44.4	37.0	55.4

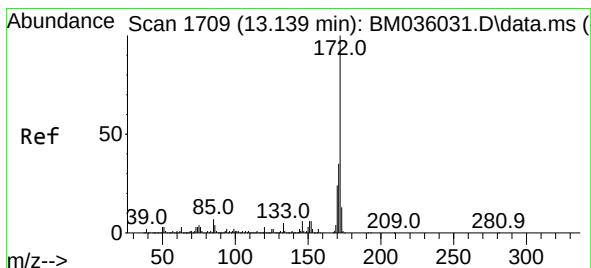
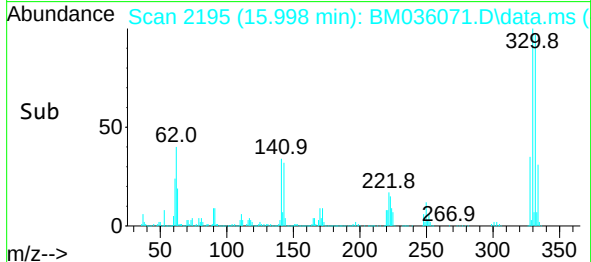
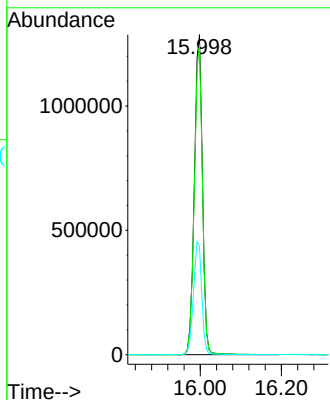
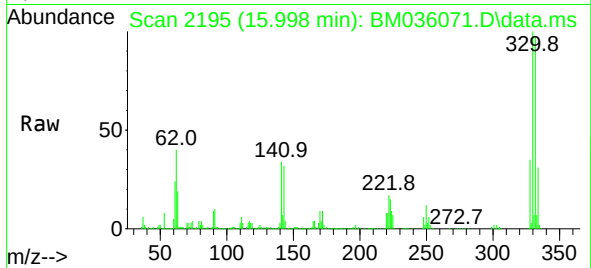




#42
2,4,6-Tribromophenol
Concen: 159.719 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM036071.D
Acq: 03 Aug 2022 02:59

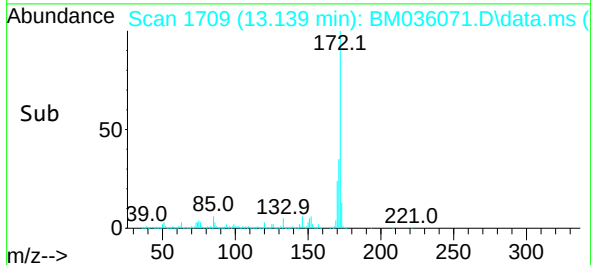
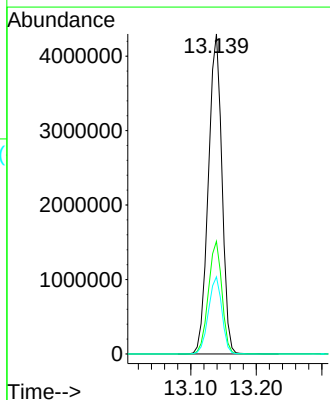
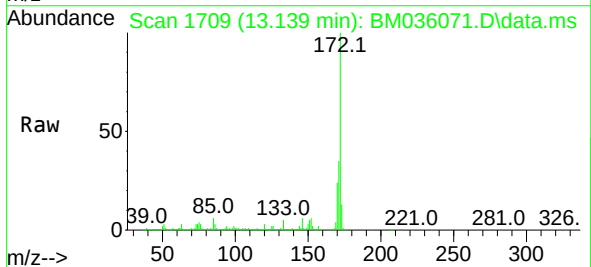
Instrument :
BNA_M
ClientSampleId :
RVE-25

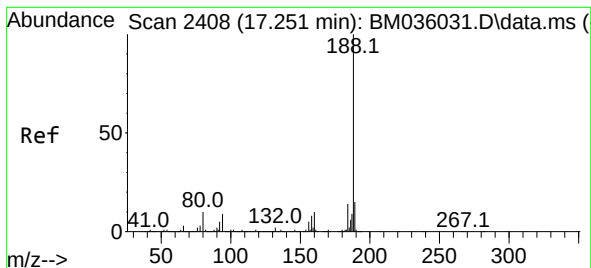
Tgt Ion:330 Resp: 1798270
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 36.1 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 95.113 ng
RT: 13.139 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BM036071.D
Acq: 03 Aug 2022 02:59

Tgt Ion:172 Resp: 6182510
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

Instrument :

BNA_M

ClientSampleId :

RVE-25

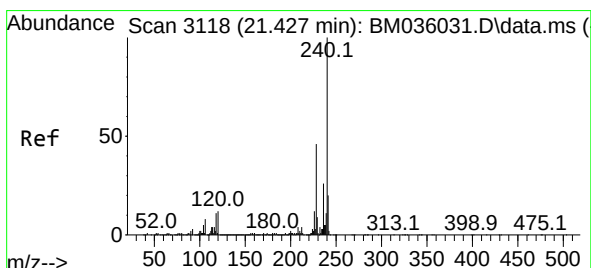
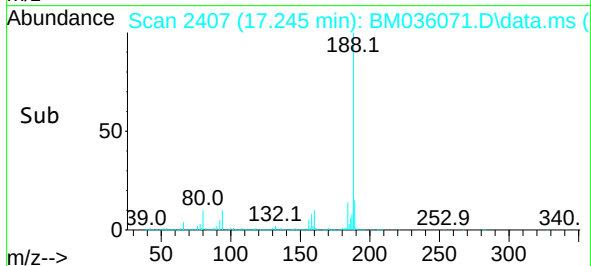
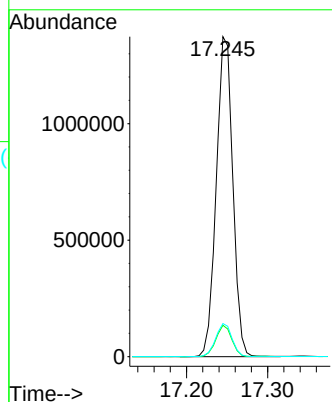
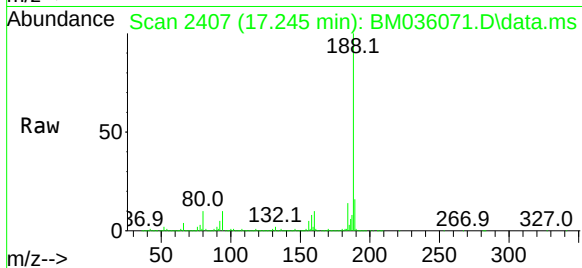
Tgt Ion:188 Resp: 1943102

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

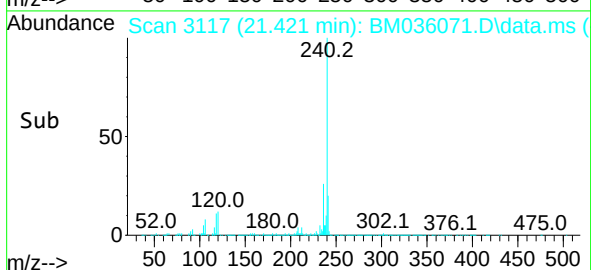
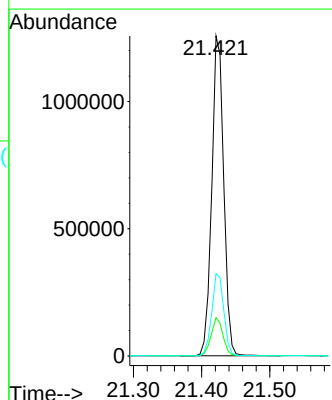
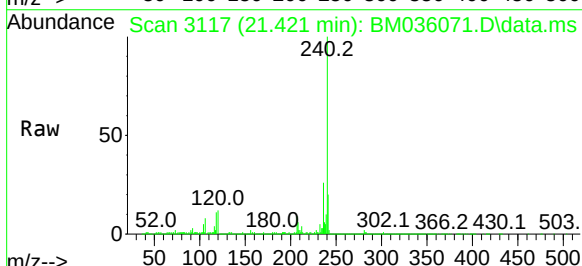
Tgt Ion:240 Resp: 1535805

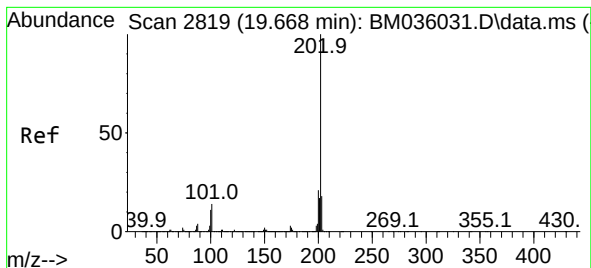
Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.0

236 25.7 20.6 30.8





#78

Pyrene

Concen: 2.855 ng

RT: 19.662 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

Instrument :

BNA_M

ClientSampleId :

RVE-25

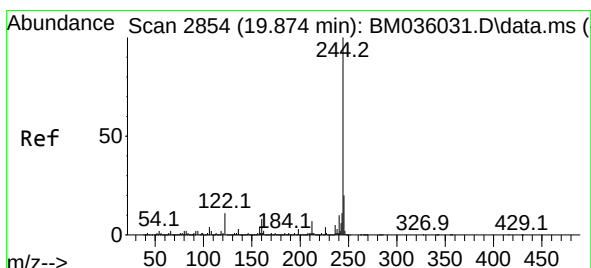
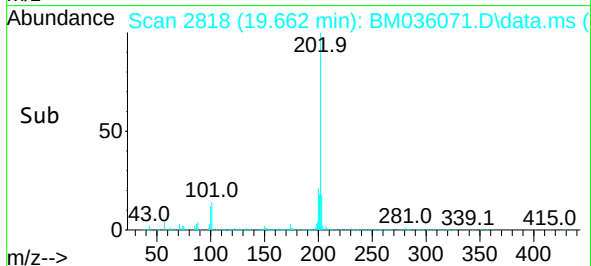
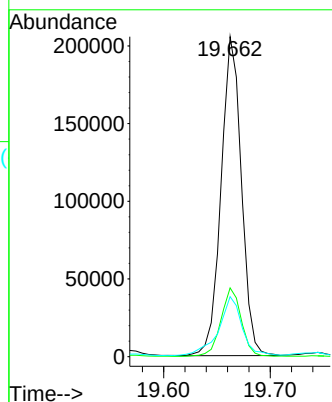
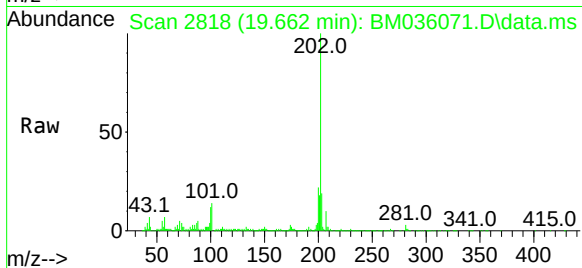
Tgt Ion:202 Resp: 271933

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

203 18.8 13.9 20.9



#79

Terphenyl-d14

Concen: 115.869 ng

RT: 19.874 min Scan# 2854

Delta R.T. -0.000 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

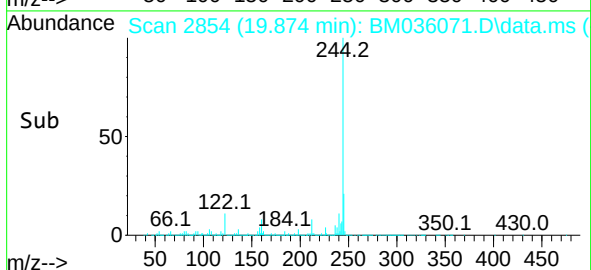
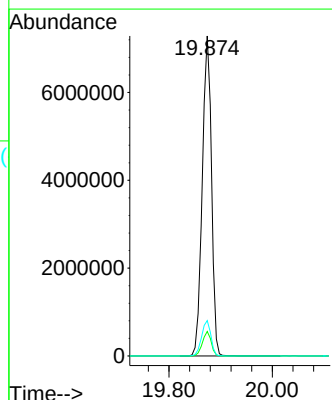
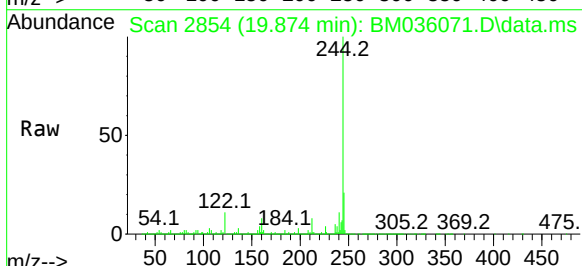
Tgt Ion:244 Resp: 9021903

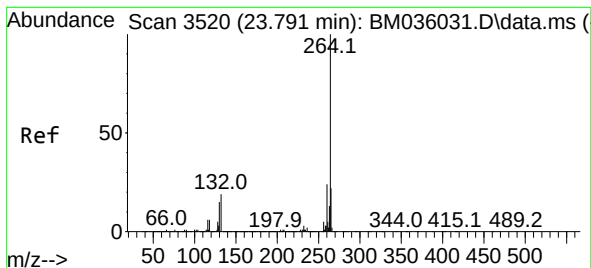
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 11.1 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

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RVE-25

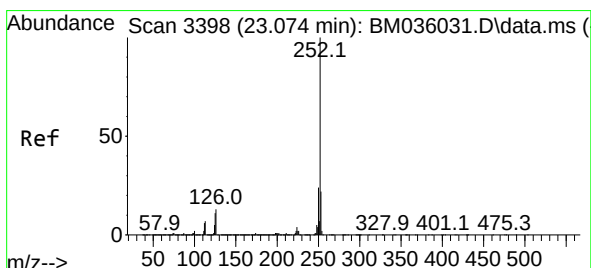
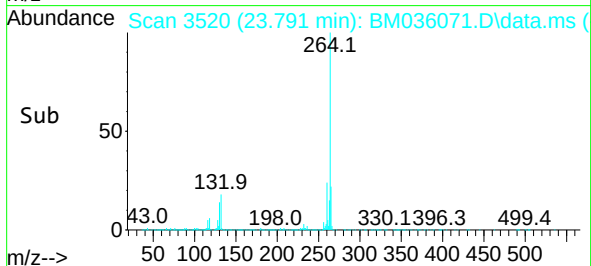
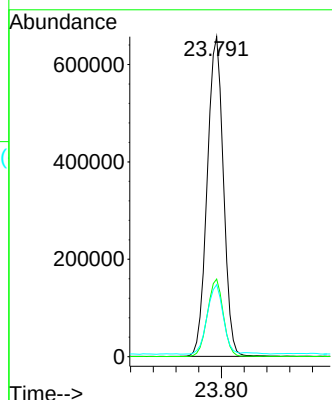
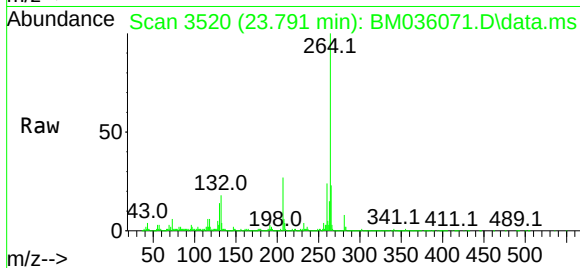
Tgt Ion:264 Resp: 1295454

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.5 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.287 ng

RT: 23.068 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

Tgt Ion:252 Resp: 173594

Ion Ratio Lower Upper

252 100

253 26.0 17.6 26.4

125 33.2 7.6 11.4#

