

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
 Data File : BM036061.D
 Acq On : 02 Aug 2022 20:53
 Operator : CG/JU
 Sample : N3976-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP2-0729

Quant Time: Aug 03 00:54:16 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	315206	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1319379	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	802266	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1753209	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1863716	20.000	ng	0.00
86) Perylene-d12	23.792	264	1765507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2947441	151.601	ng	0.00
7) Phenol-d6	7.040	99	3366857	136.097	ng	0.00
23) Nitrobenzene-d5	9.040	82	2432145	103.188	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1642988	174.570	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	5332131	98.131	ng	0.00
79) Terphenyl-d14	19.874	244	8190223	86.680	ng	0.00

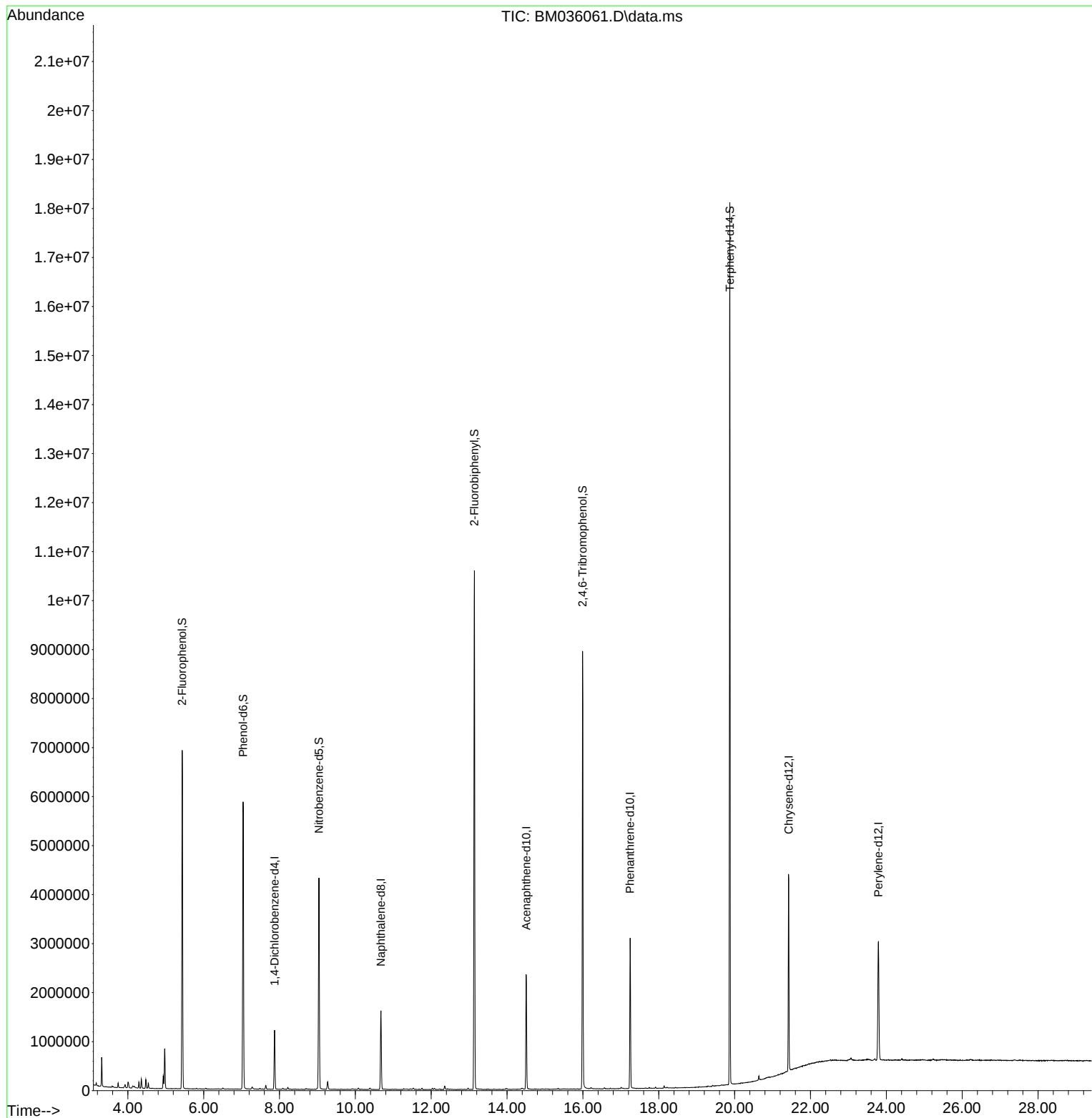
Target Compounds	Qvalue

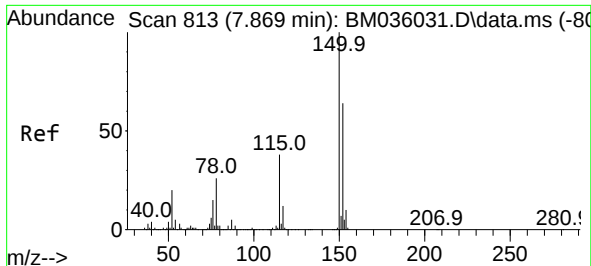
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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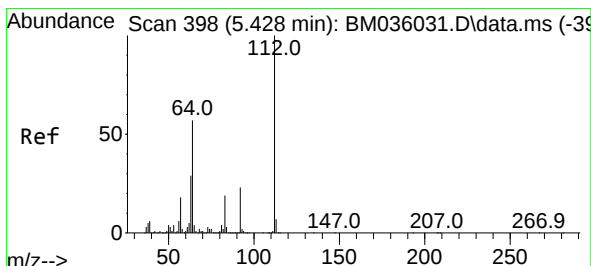
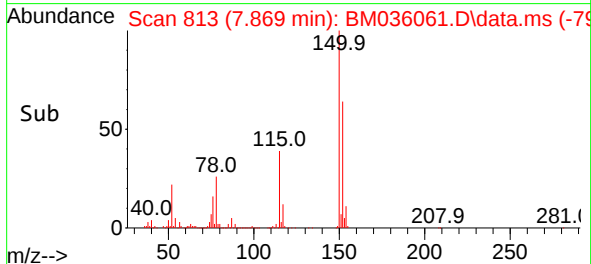
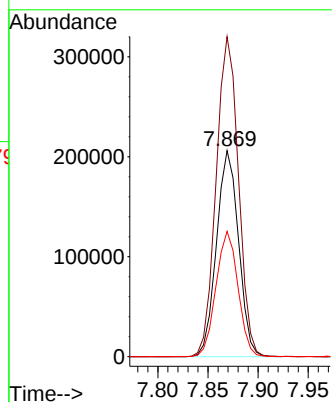
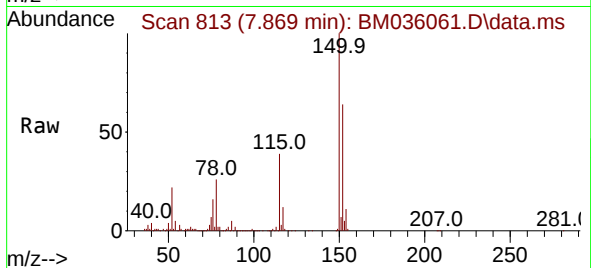




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

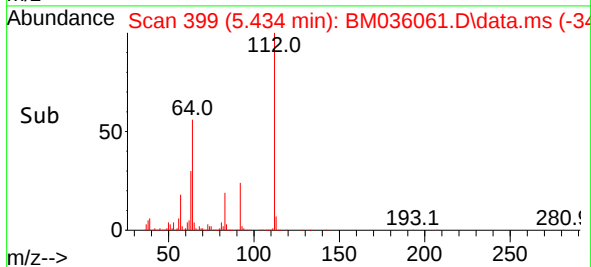
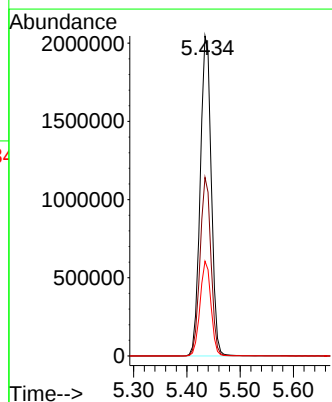
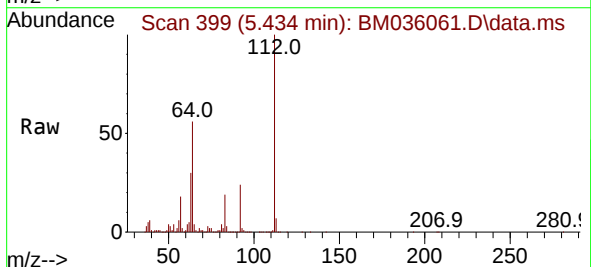
Instrument :
BNA_M
ClientSampleId :
TP2-0729

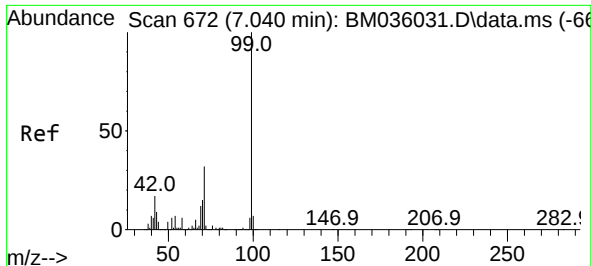
Tgt Ion:152 Resp: 315206
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 60.8 47.9 71.9



#5
2-Fluorophenol
Concen: 151.601 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

Tgt Ion:112 Resp: 2947441
Ion Ratio Lower Upper
112 100
64 55.8 47.8 71.6
63 29.6 26.6 40.0

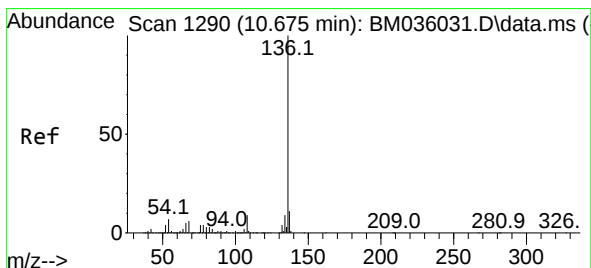
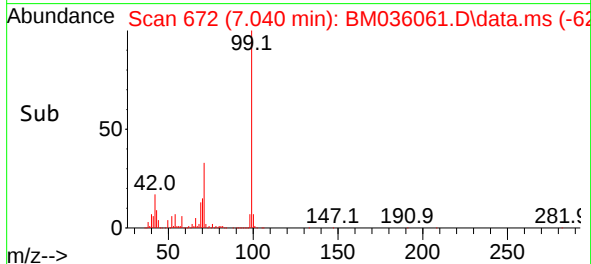
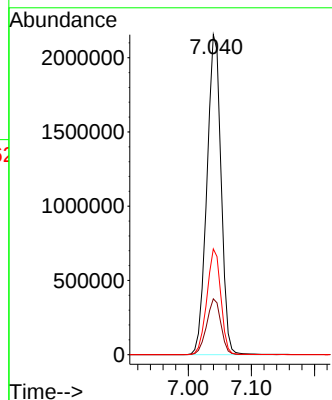
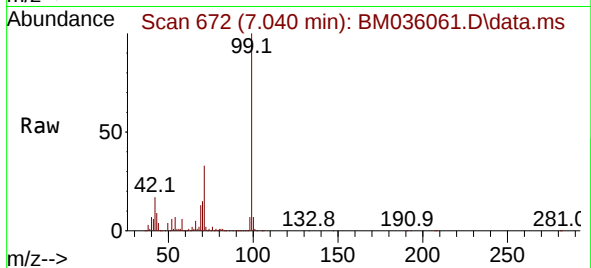




#7
Phenol-d6
Concen: 136.097 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

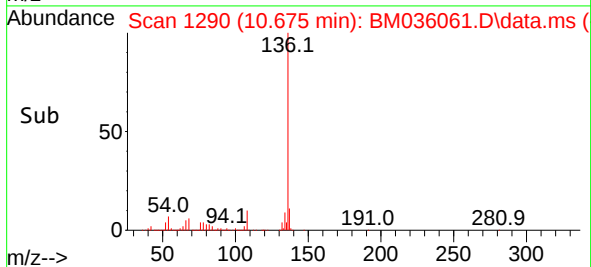
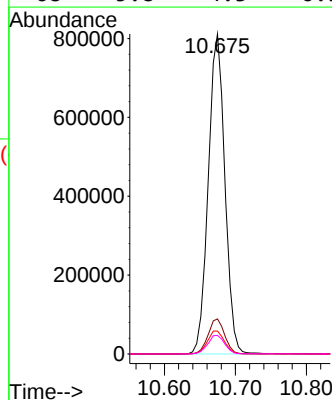
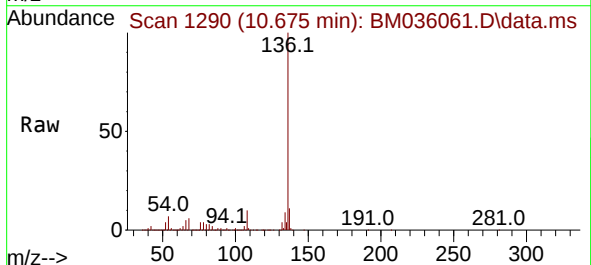
Instrument :
BNA_M
ClientSampleId :
TP2-0729

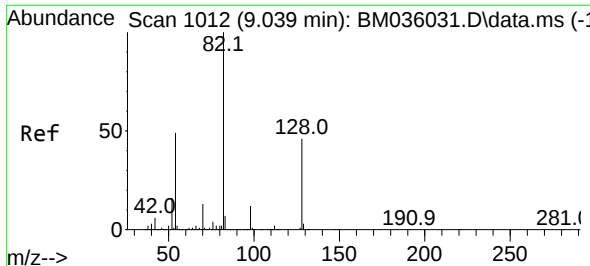
Tgt Ion: 99 Resp: 3366857
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 33.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

Tgt Ion:136 Resp: 1319379
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 7.0 10.4
68 5.8 4.3 6.5

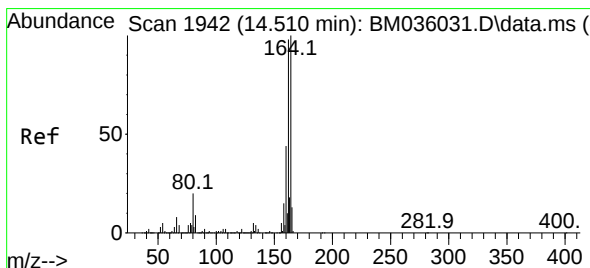
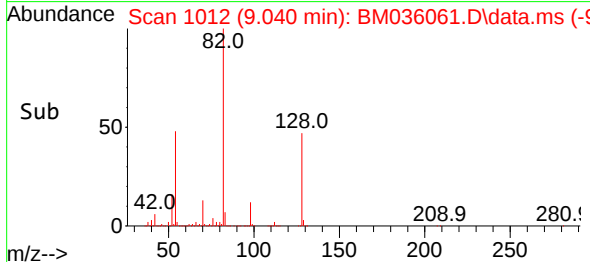
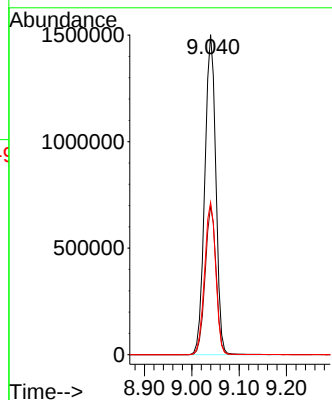
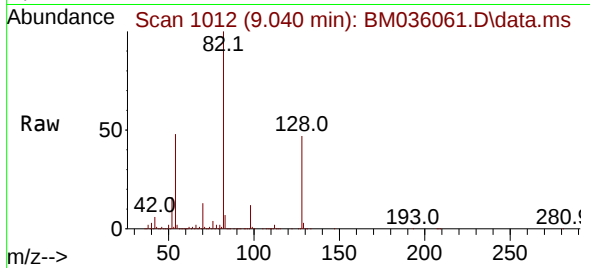




#23
Nitrobenzene-d5
Concen: 103.188 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

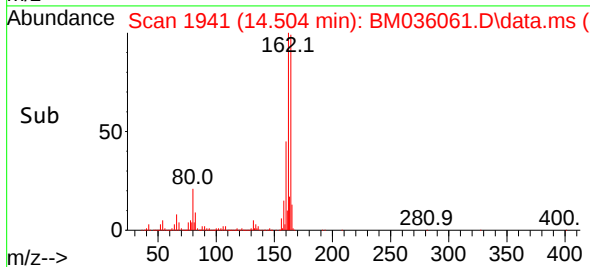
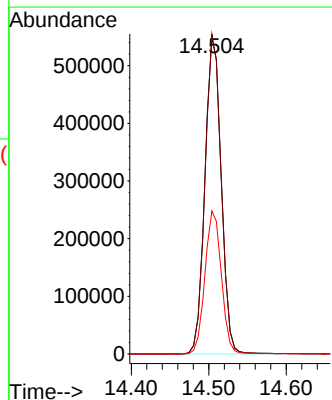
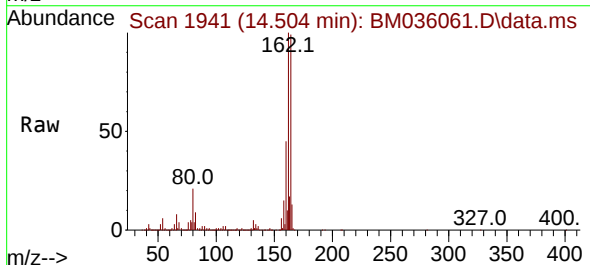
Instrument :
BNA_M
ClientSampleId :
TP2-0729

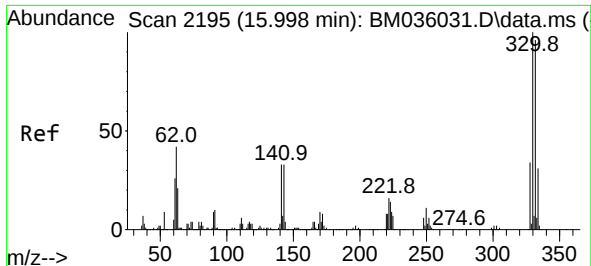
Tgt Ion: 82 Resp: 2432145
Ion Ratio Lower Upper
82 100
128 46.5 33.7 50.5
54 47.6 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

Tgt Ion:164 Resp: 802266
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 174.570 ng

RT: 15.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036061.D

Acq: 02 Aug 2022 20:53

Instrument :

BNA_M

ClientSampleId :

TP2-0729

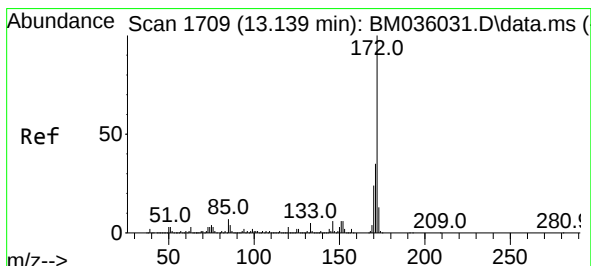
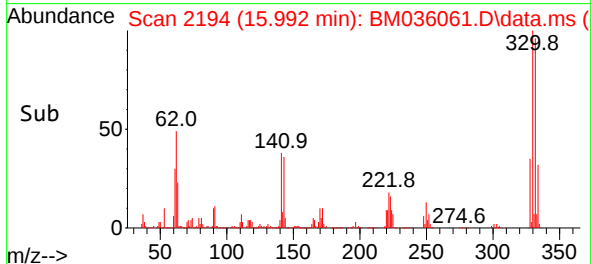
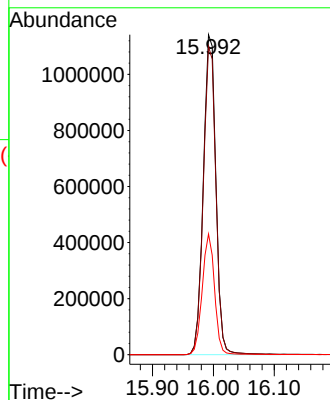
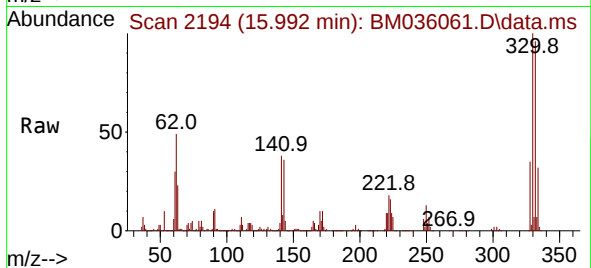
Tgt Ion:330 Resp: 1642988

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 37.1 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 98.131 ng

RT: 13.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BM036061.D

Acq: 02 Aug 2022 20:53

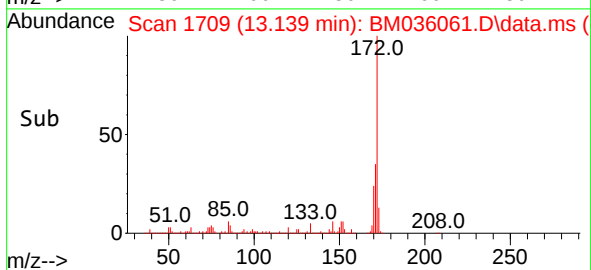
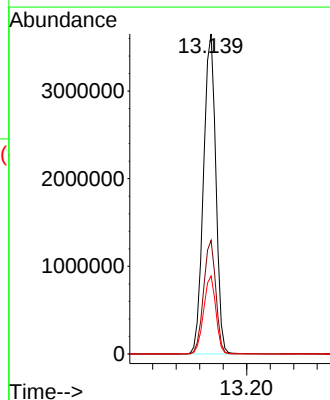
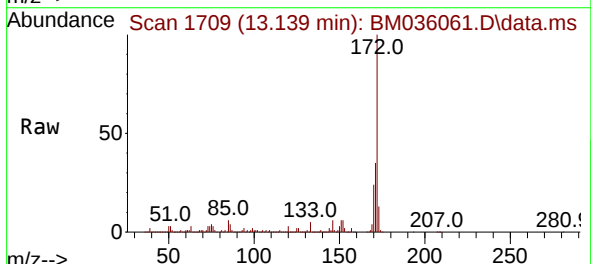
Tgt Ion:172 Resp: 5332131

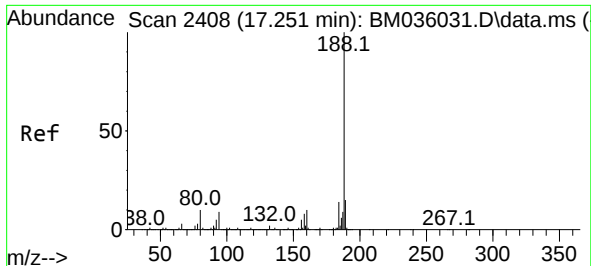
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.4 18.7 28.1

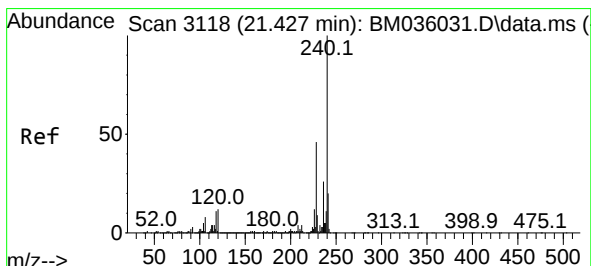
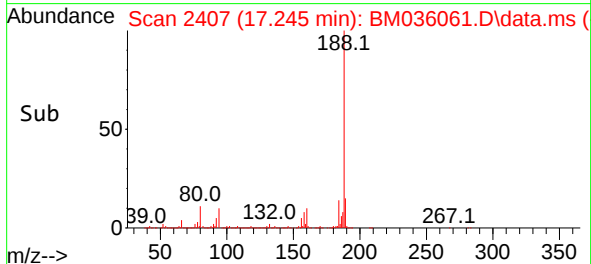
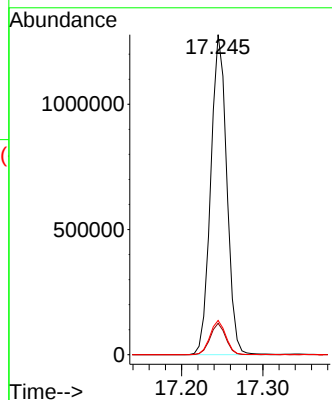
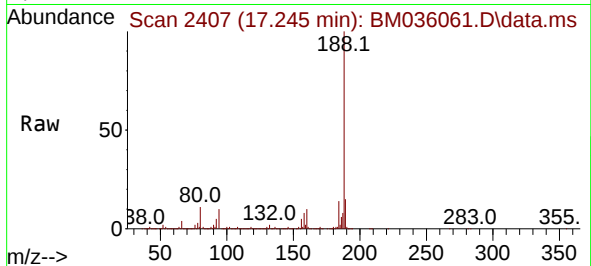




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

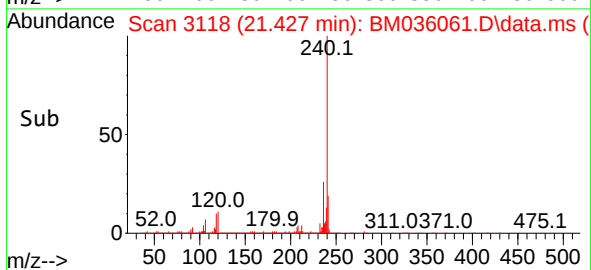
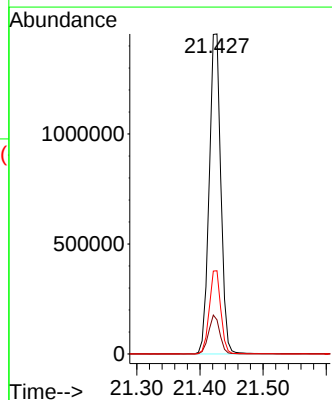
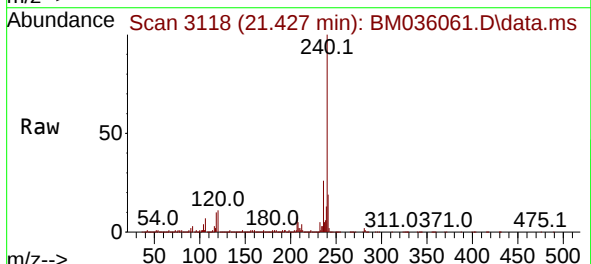
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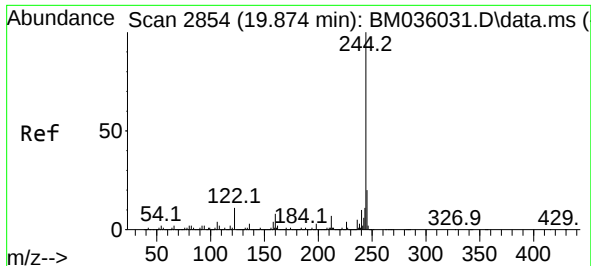
Tgt Ion:188 Resp: 1753209
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM036061.D
Acq: 02 Aug 2022 20:53

Tgt Ion:240 Resp: 1863716
Ion Ratio Lower Upper
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120 10.6 9.4 14.0
236 26.0 20.6 30.8

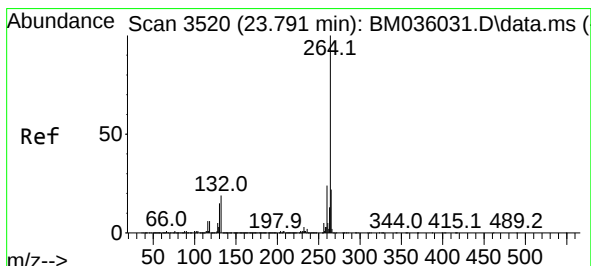
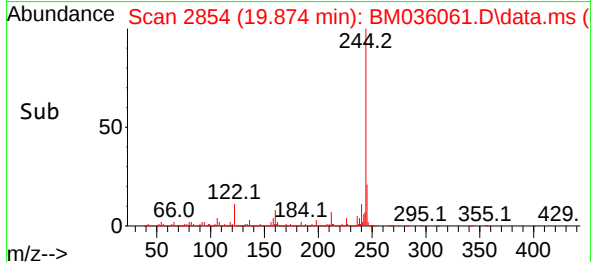
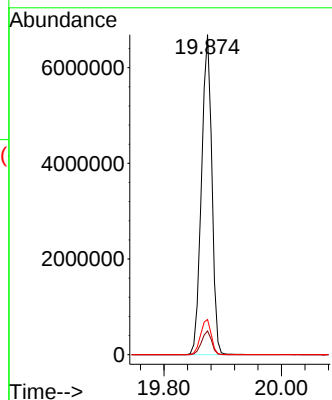
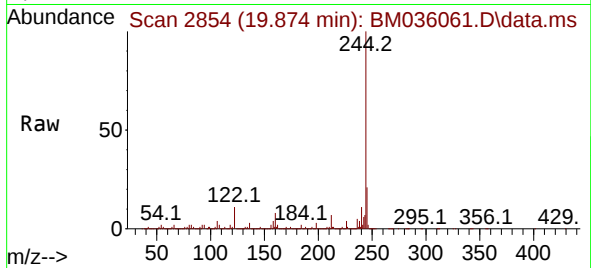




#79
 Terphenyl-d14
 Concen: 86.680 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036061.D
 Acq: 02 Aug 2022 20:53

Instrument :
 BNA_M
 ClientSampleId :
 TP2-0729

Tgt Ion:244 Resp: 8190223
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 11.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.792 min Scan# 3520
 Delta R.T. 0.000 min
 Lab File: BM036061.D
 Acq: 02 Aug 2022 20:53

Tgt Ion:264 Resp: 1765507
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.9 17.5 26.3

