

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
 Data File : BM036144.D
 Acq On : 08 Aug 2022 13:41
 Operator : CG/JU
 Sample : N4063-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P-5C

Quant Time: Aug 08 23:32:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	425641	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1835755	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1143627	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	2305174	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1724789	20.000	ng	0.00
86) Perylene-d12	23.791	264	1413119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	3241790	123.479	ng	0.02
7) Phenol-d6	7.069	99	4165716	124.700	ng	0.04
23) Nitrobenzene-d5	9.022	82	2529191	77.122	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1688174	125.830	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	5792500	74.784	ng	0.00
79) Terphenyl-d14	19.868	244	8196826	93.738	ng	0.00

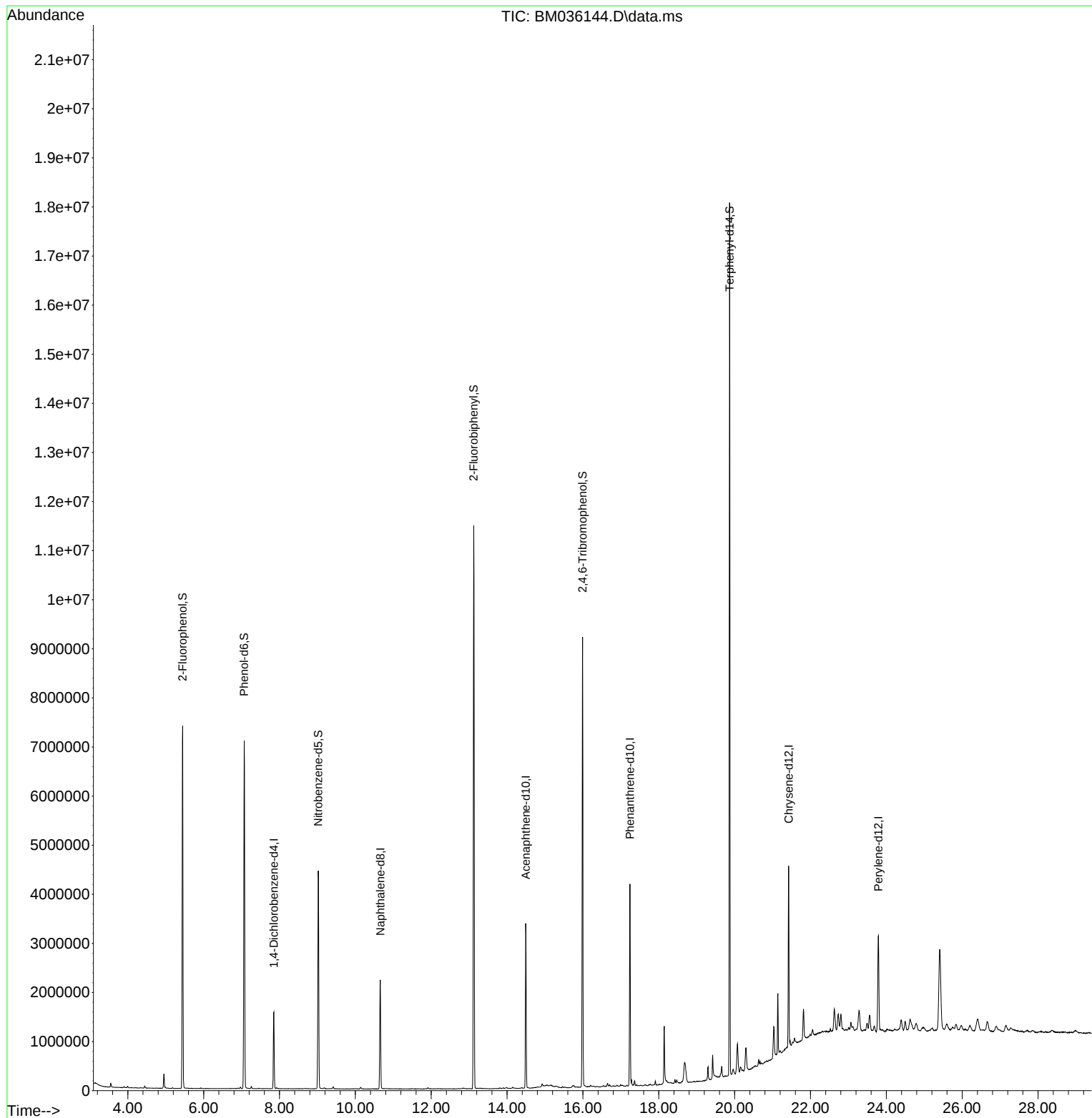
Target Compounds	Qvalue

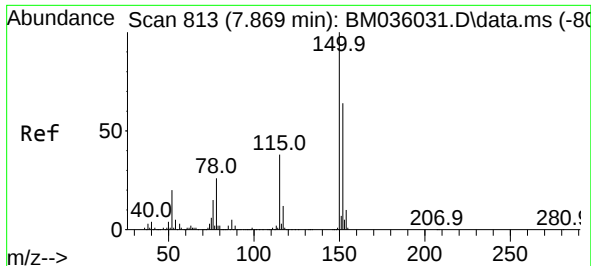
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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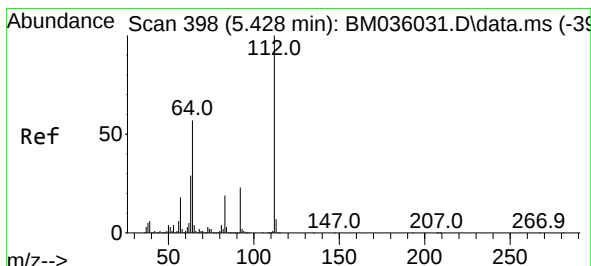
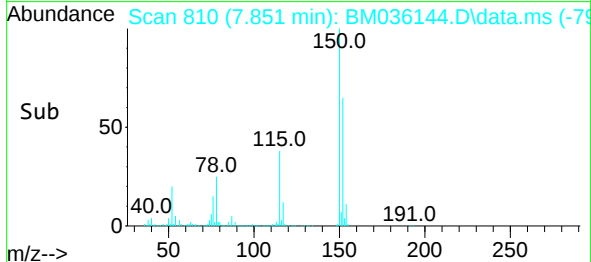
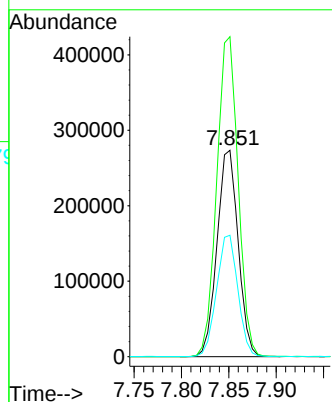
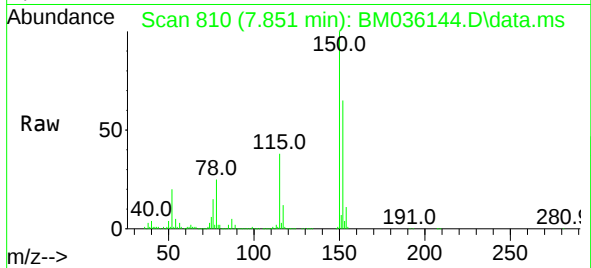




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

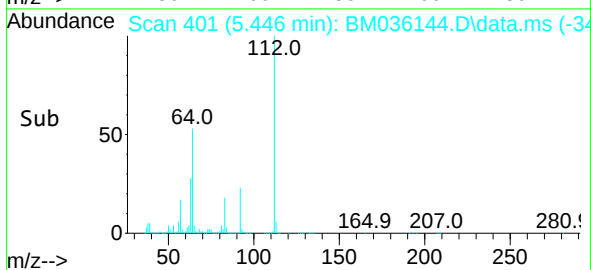
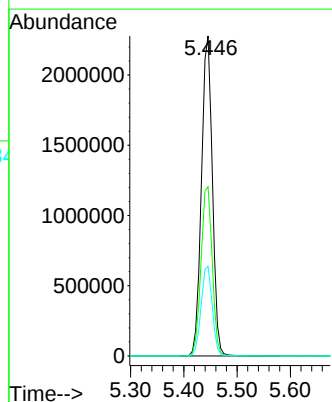
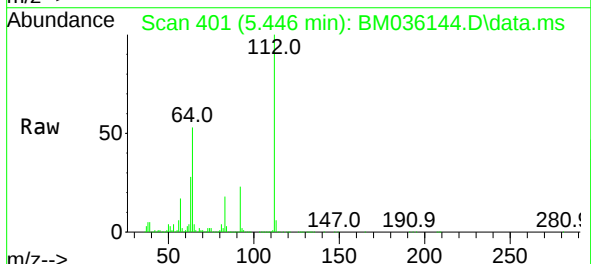
Instrument :
BNA_M
ClientSampleId :
P-5C

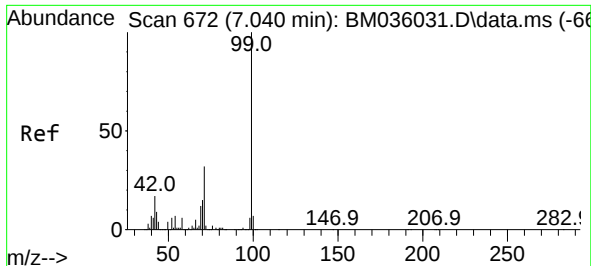
Tgt Ion:152 Resp: 425641
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 123.479 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.024 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

Tgt Ion:112 Resp: 3241790
Ion Ratio Lower Upper
112 100
64 52.9 47.8 71.6
63 28.0 26.6 40.0

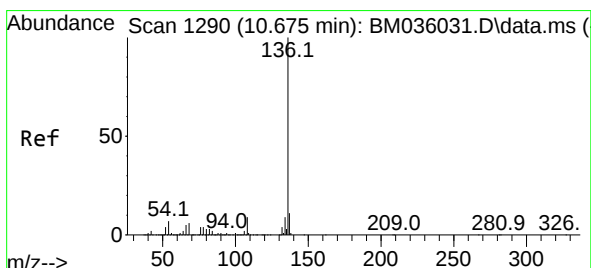
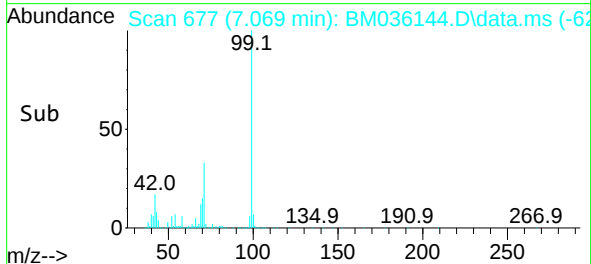
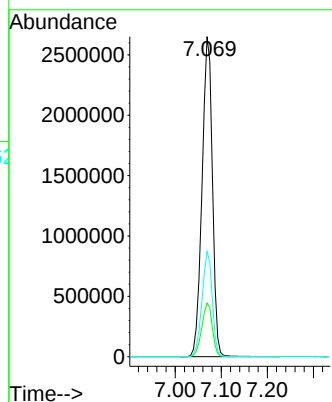
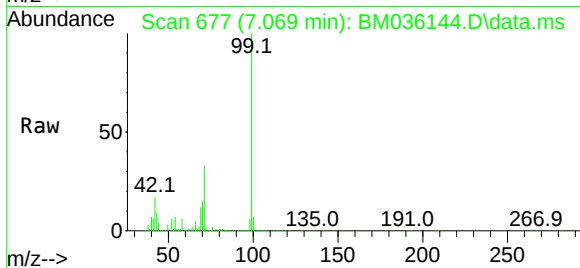




#7
Phenol-d6
Concen: 124.700 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

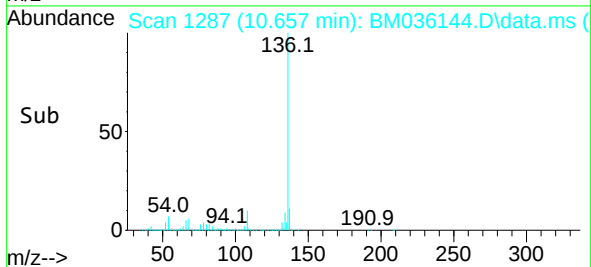
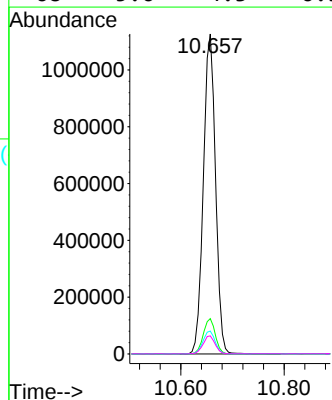
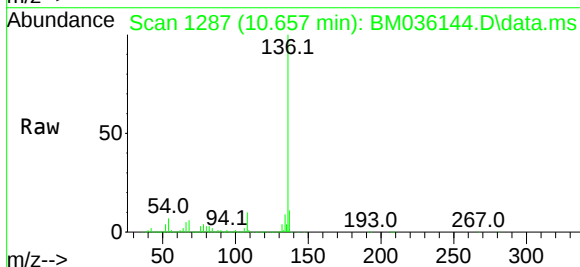
Instrument :
BNA_M
ClientSampleId :
P-5C

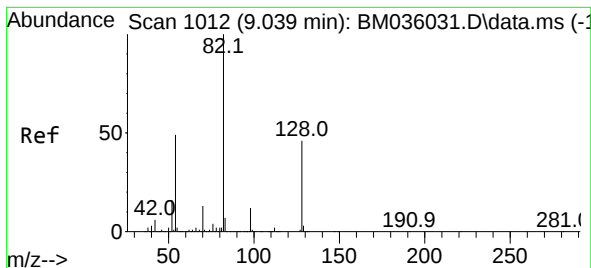
Tgt Ion: 99 Resp: 4165716
Ion Ratio Lower Upper
99 100
42 16.7 18.8 28.2#
71 32.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

Tgt Ion: 136 Resp: 1835755
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 7.0 10.4
68 5.6 4.3 6.5

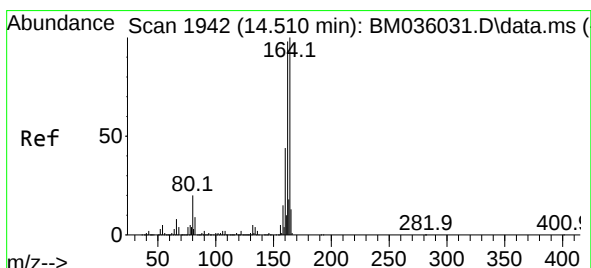
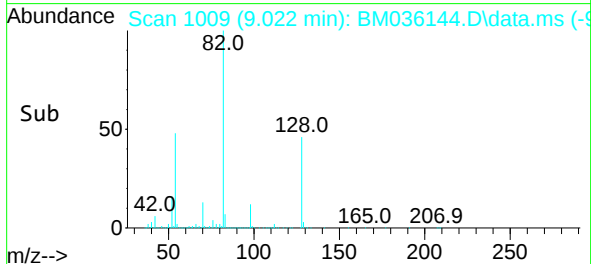
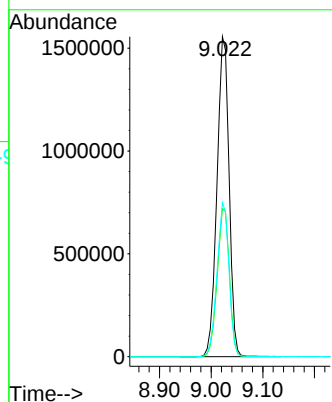
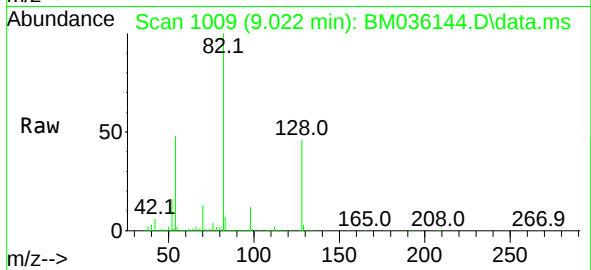




#23
Nitrobenzene-d5
Concen: 77.122 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

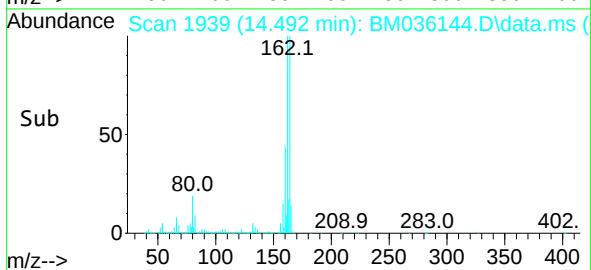
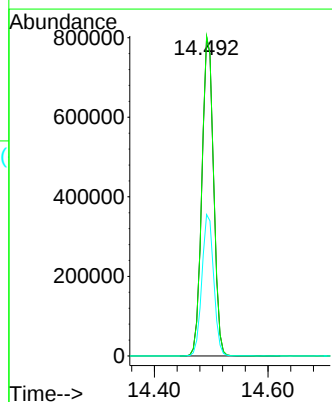
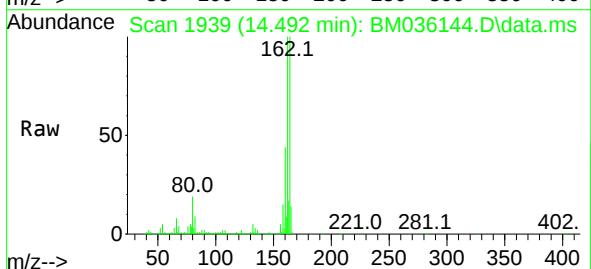
Instrument :
BNA_M
ClientSampleId :
P-5C

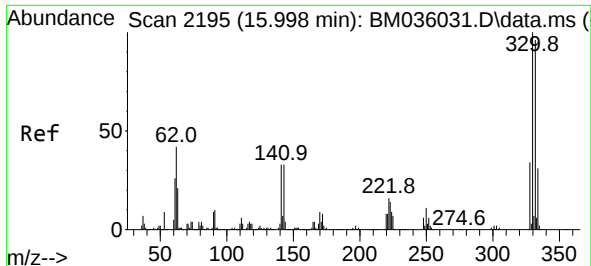
Tgt Ion: 82 Resp: 2529191
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 48.1 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

Tgt Ion:164 Resp: 1143627
Ion Ratio Lower Upper
164 100
162 100.3 83.0 124.6
160 44.3 37.0 55.4

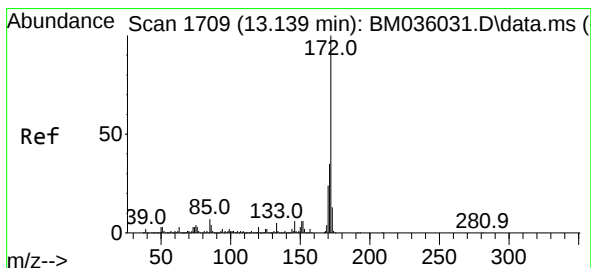
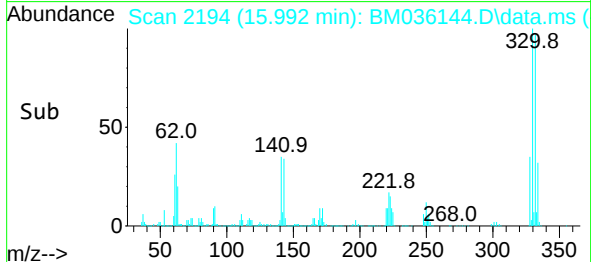
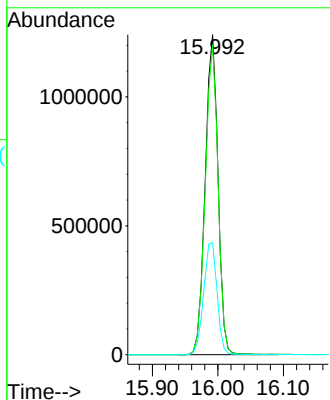
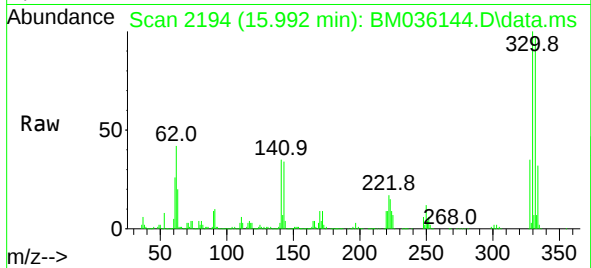




#42
2,4,6-Tribromophenol
Concen: 125.830 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

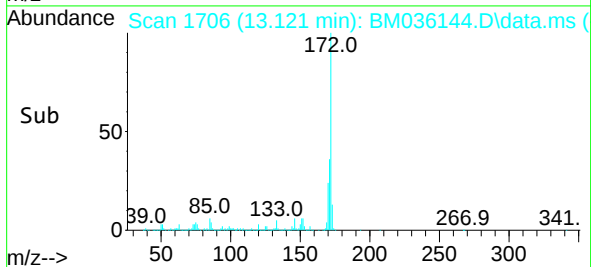
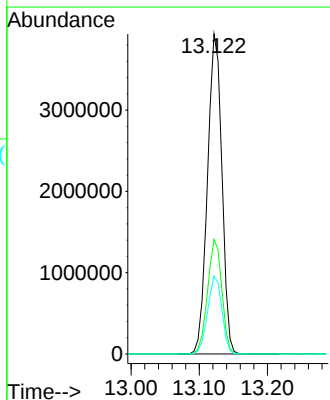
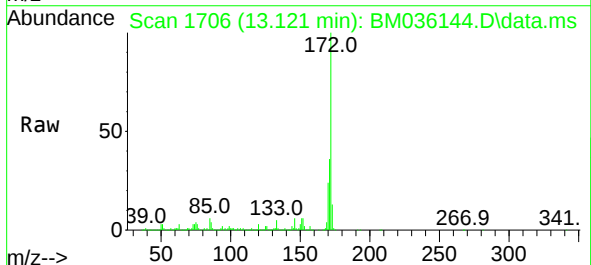
Instrument :
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ClientSampleId :
P-5C

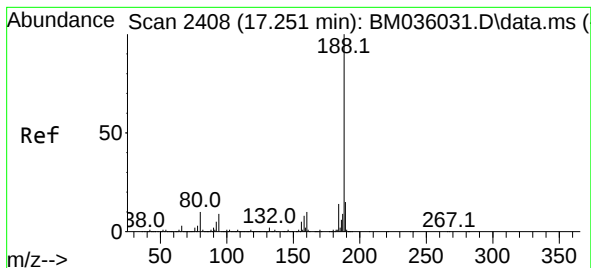
Tgt Ion:330 Resp: 1688174
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 37.0 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 74.784 ng
RT: 13.121 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036144.D
Acq: 08 Aug 2022 13:41

Tgt Ion:172 Resp: 5792500
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM036144.D

Acq: 08 Aug 2022 13:41

Instrument :

BNA_M

ClientSampleId :

P-5C

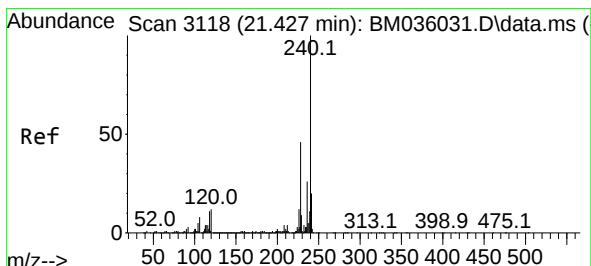
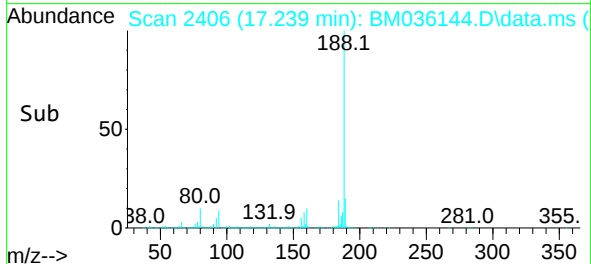
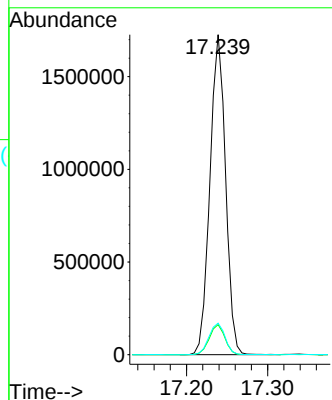
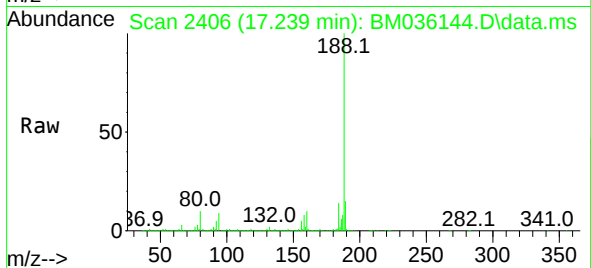
Tgt Ion:188 Resp: 2305174

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.8 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BM036144.D

Acq: 08 Aug 2022 13:41

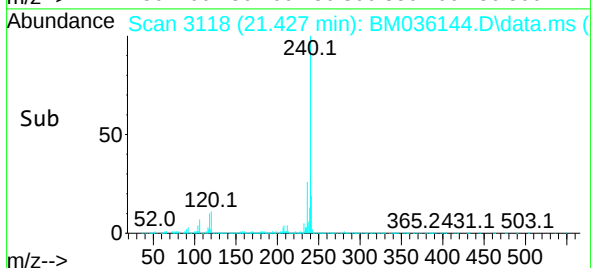
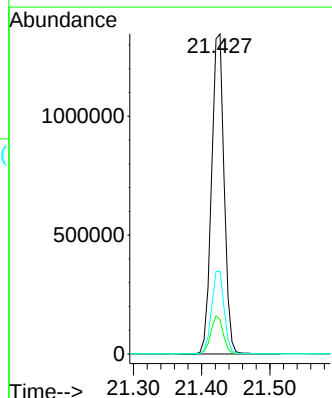
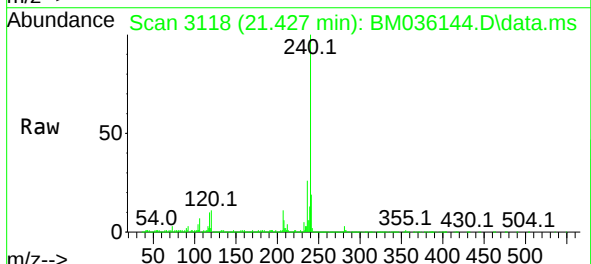
Tgt Ion:240 Resp: 1724789

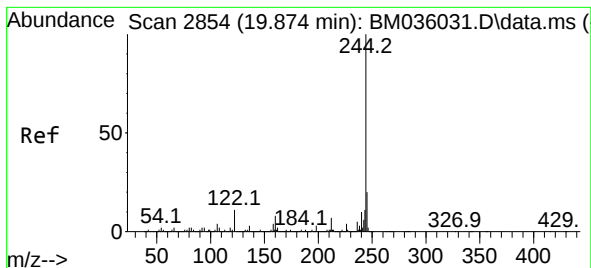
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.0

236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 93.738 ng

RT: 19.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036144.D

Acq: 08 Aug 2022 13:41

Instrument :

BNA_M

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P-5C

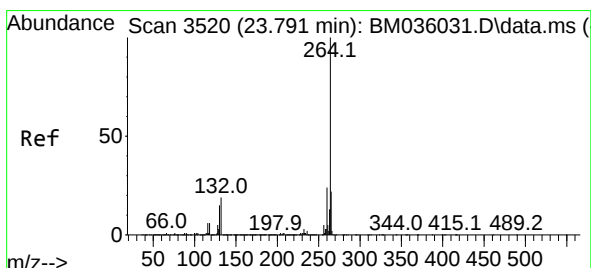
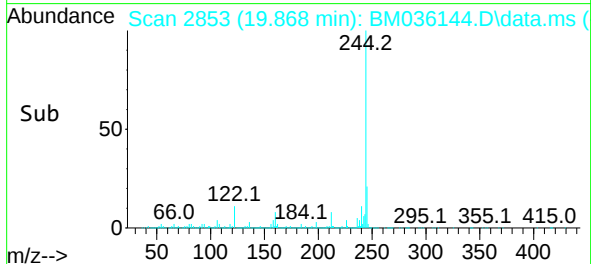
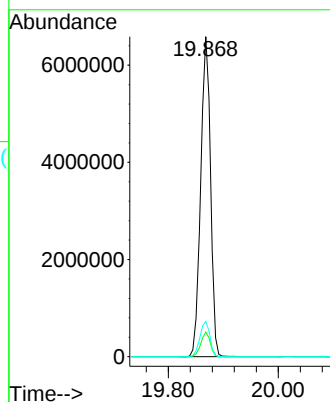
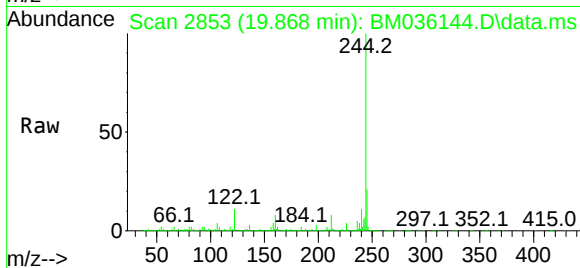
Tgt Ion:244 Resp: 8196826

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# 3520

Delta R.T. 0.006 min

Lab File: BM036144.D

Acq: 08 Aug 2022 13:41

Tgt Ion:264 Resp: 1413119

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.1 17.5 26.3

