

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
 Data File : BM036404.D
 Acq On : 25 Aug 2022 13:44
 Operator : CG/JU
 Sample : PB147279BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB147279BL

Quant Time: Aug 26 03:36:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 15:21:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	270414	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	1171883	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	682579	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1259067	20.000	ng	0.00
76) Chrysene-d12	21.356	240	862179	20.000	ng	0.00
86) Perylene-d12	23.680	264	735360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1831272	109.793	ng	0.00
7) Phenol-d6	6.969	99	2250746	106.052	ng	0.00
23) Nitrobenzene-d5	8.957	82	2116649	101.105	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	653665	81.631	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	4544095	98.292	ng	0.00
79) Terphenyl-d14	19.804	244	5282638	120.853	ng	0.00

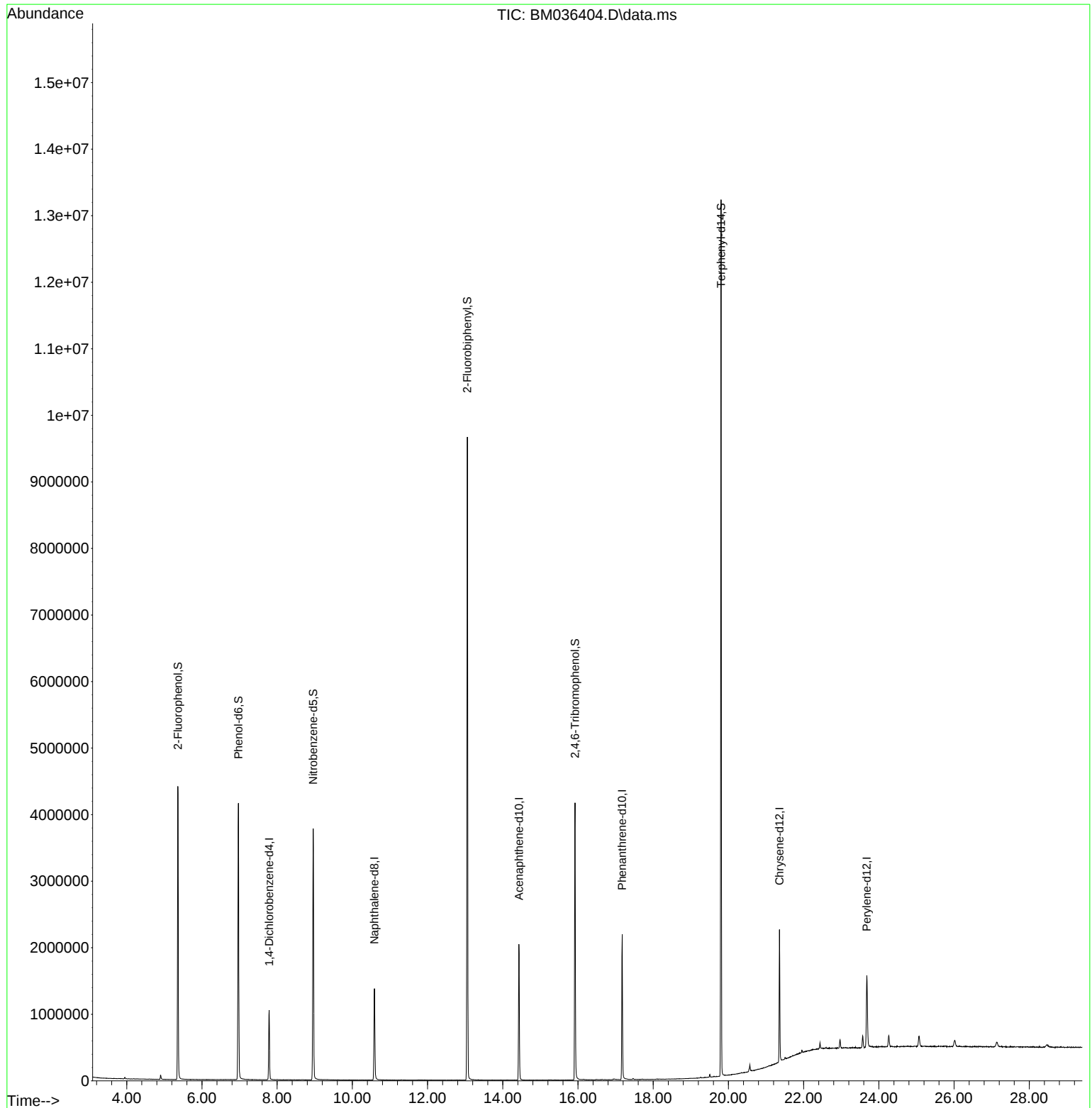
Target Compounds	Qvalue

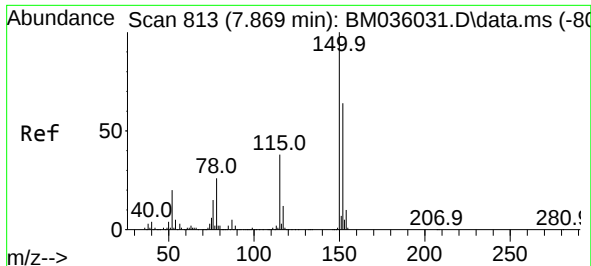
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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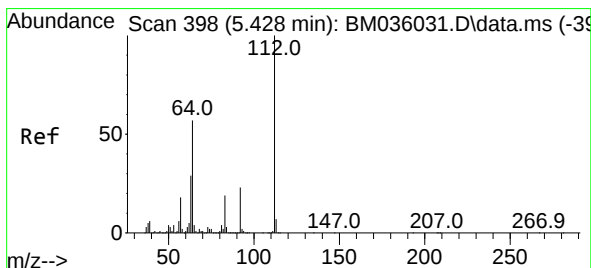
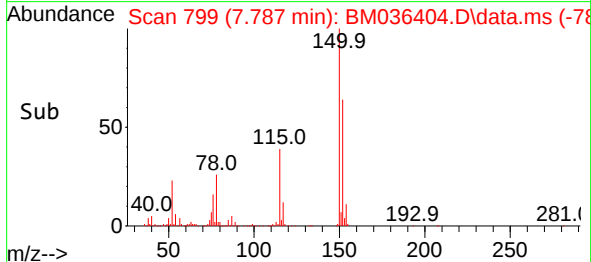
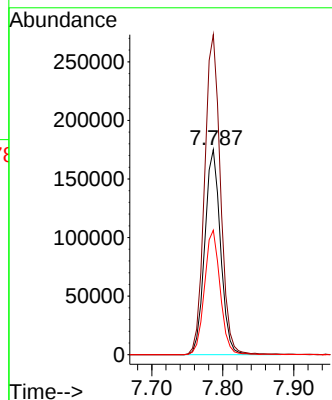
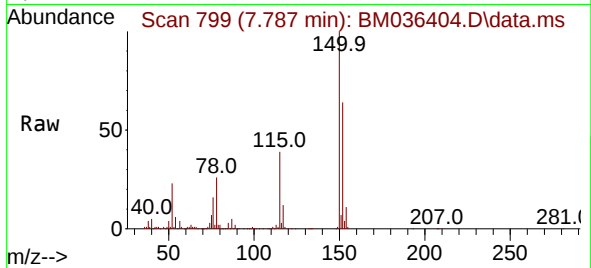




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

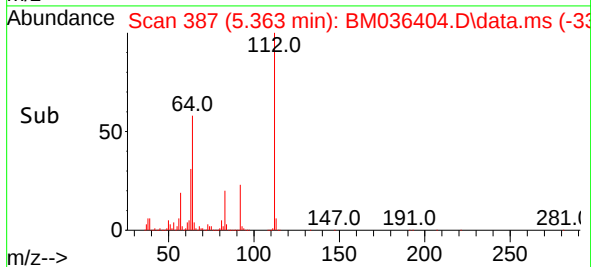
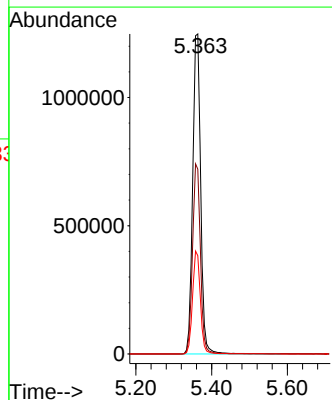
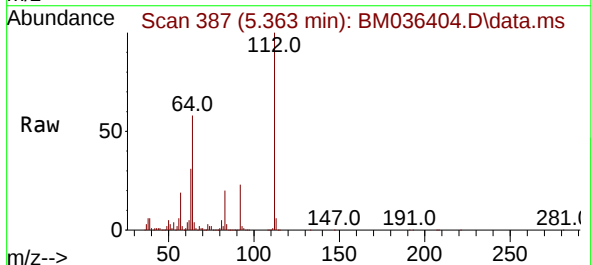
Instrument :
BNA_M
ClientSampleId :
PB147279BL

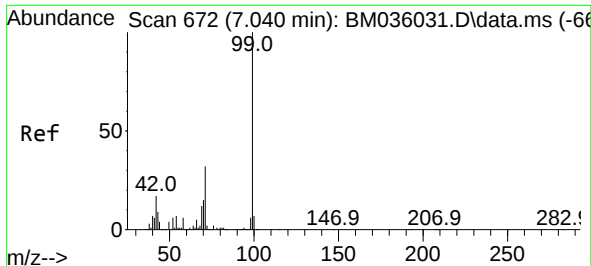
Tgt Ion:152 Resp: 270414
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 109.793 ng
RT: 5.363 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

Tgt Ion:112 Resp: 1831272
Ion Ratio Lower Upper
112 100
64 57.7 47.8 71.6
63 30.7 26.6 40.0

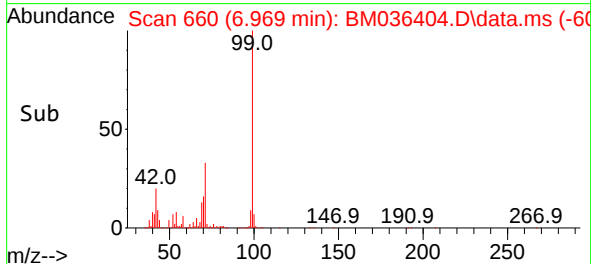
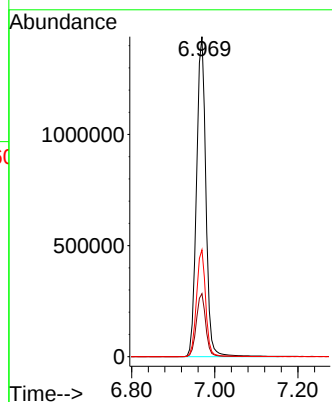
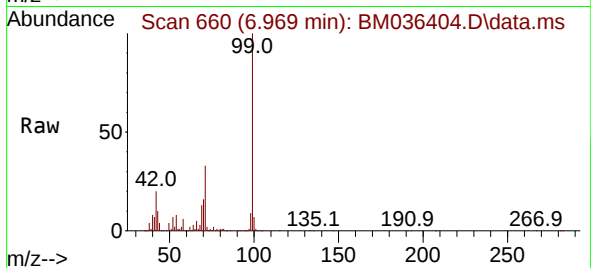




#7
Phenol-d6
Concen: 106.052 ng
RT: 6.969 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

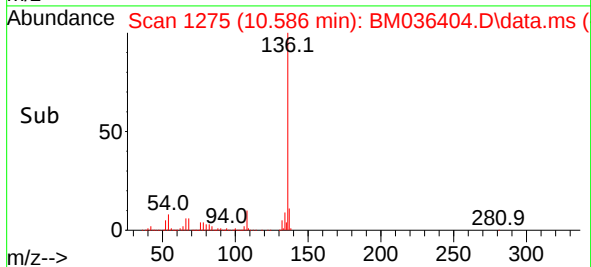
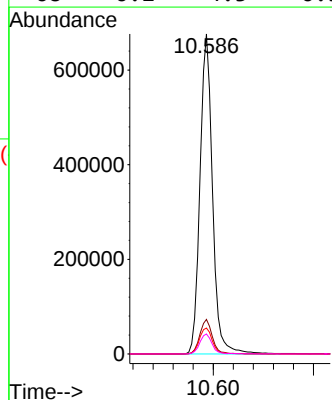
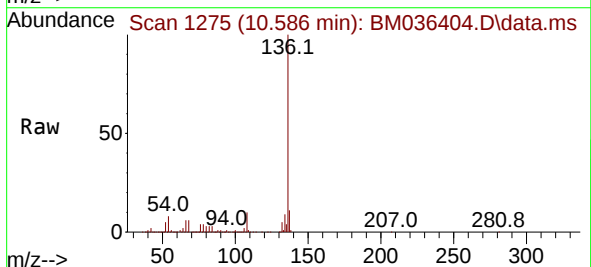
Instrument :
BNA_M
ClientSampleId :
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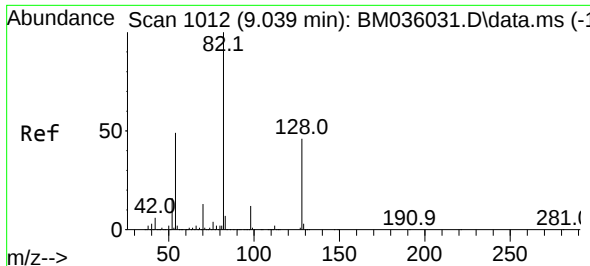
Tgt Ion: 99 Resp: 2250746
Ion Ratio Lower Upper
99 100
42 19.7 18.8 28.2
71 33.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

Tgt Ion: 136 Resp: 1171883
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 7.0 10.4
68 6.2 4.3 6.5

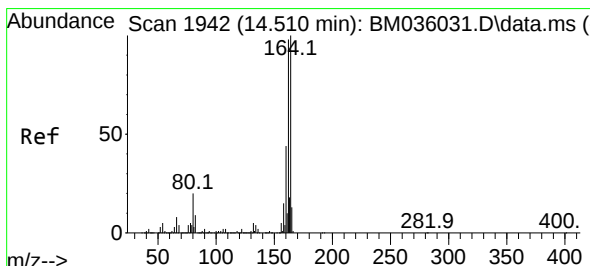
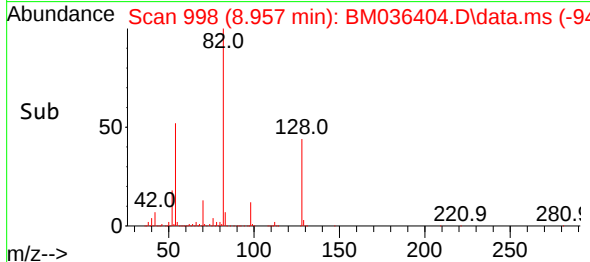
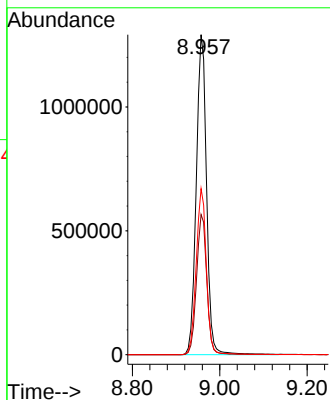
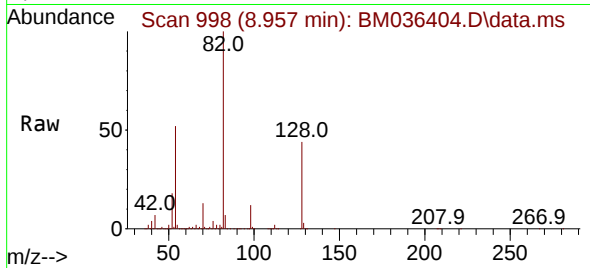




#23
Nitrobenzene-d5
Concen: 101.105 ng
RT: 8.957 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

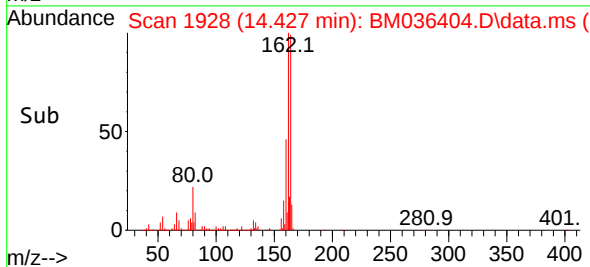
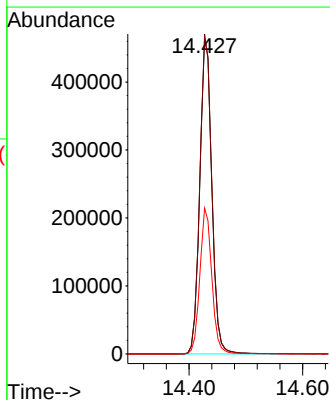
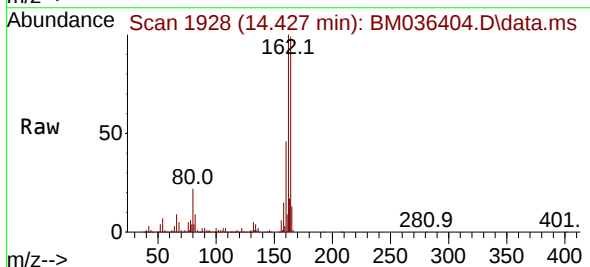
Instrument :
BNA_M
ClientSampleId :
PB147279BL

Tgt Ion: 82 Resp: 2116649
Ion Ratio Lower Upper
82 100
128 43.8 33.7 50.5
54 51.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

Tgt Ion:164 Resp: 682579
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 46.3 37.0 55.4

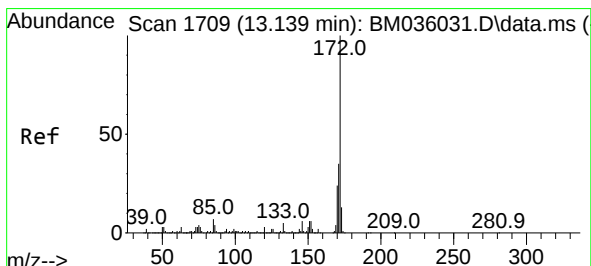
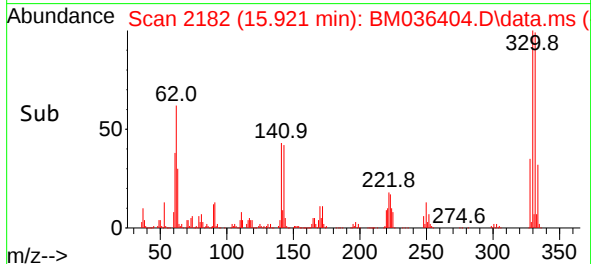
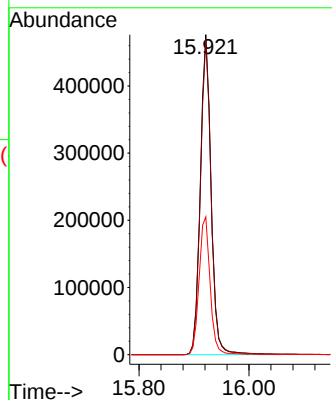
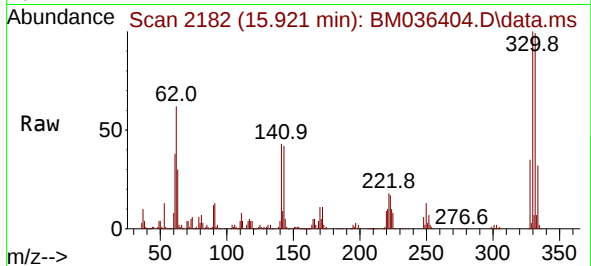




#42
2,4,6-Tribromophenol
Concen: 81.631 ng
RT: 15.921 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

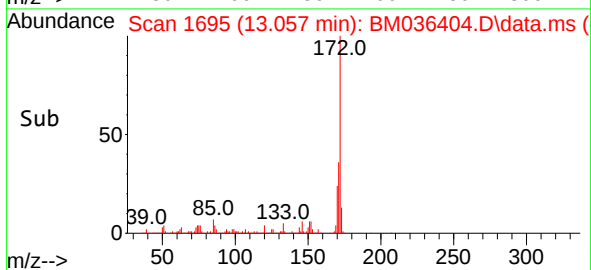
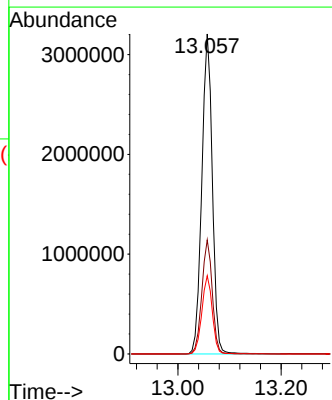
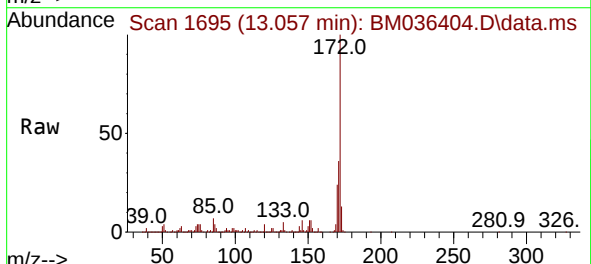
Instrument :
BNA_M
ClientSampleId :
PB147279BL

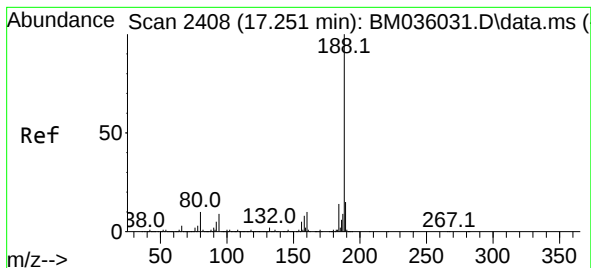
Tgt Ion:330 Resp: 653665
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 44.2 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 98.292 ng
RT: 13.057 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM036404.D
Acq: 25 Aug 2022 13:44

Tgt Ion:172 Resp: 4544095
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036404.D

Acq: 25 Aug 2022 13:44

Instrument :

BNA_M

ClientSampleId :

PB147279BL

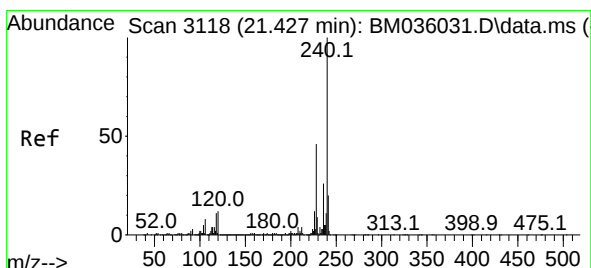
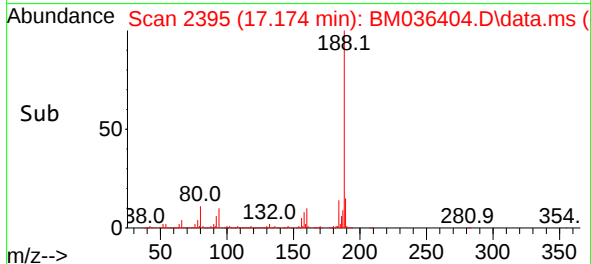
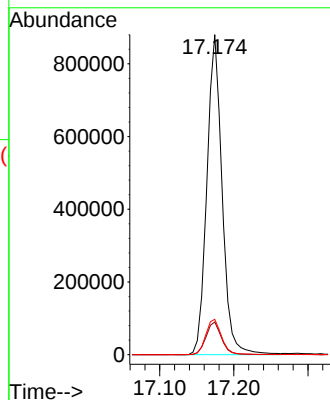
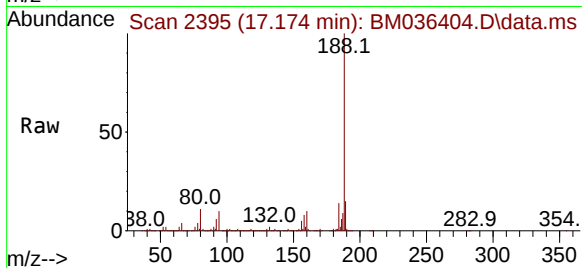
Tgt Ion:188 Resp: 1259067

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.4

80 11.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM036404.D

Acq: 25 Aug 2022 13:44

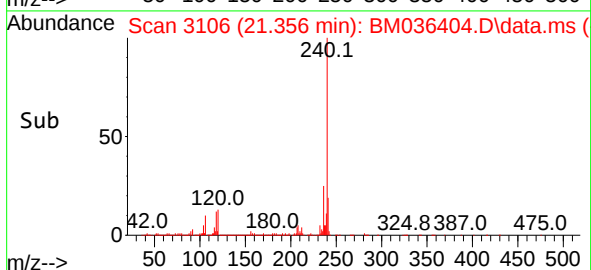
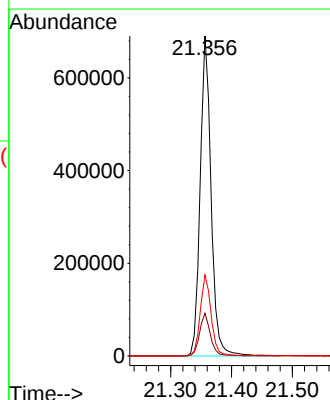
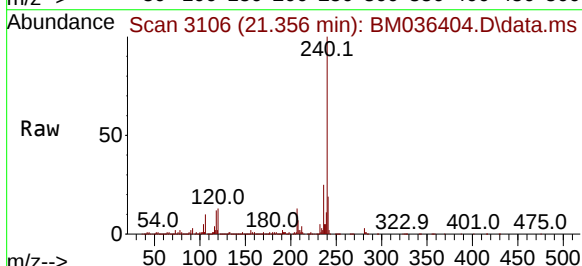
Tgt Ion:240 Resp: 862179

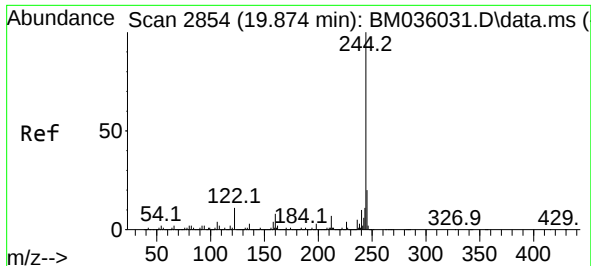
Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.0

236 25.3 20.6 30.8

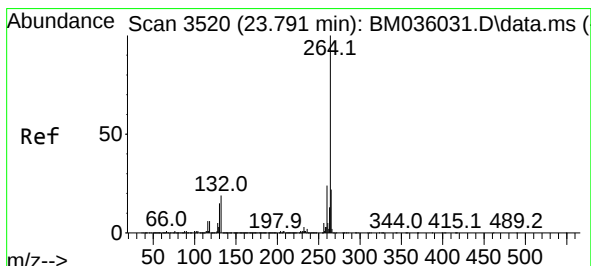
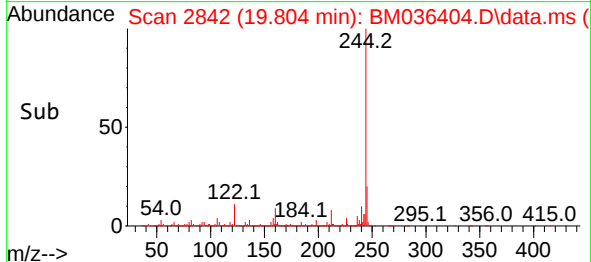
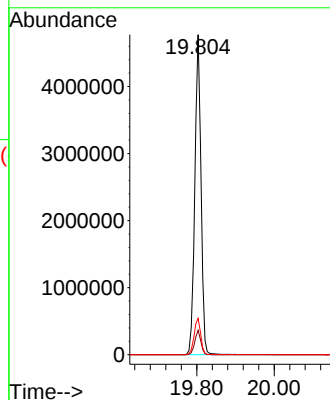
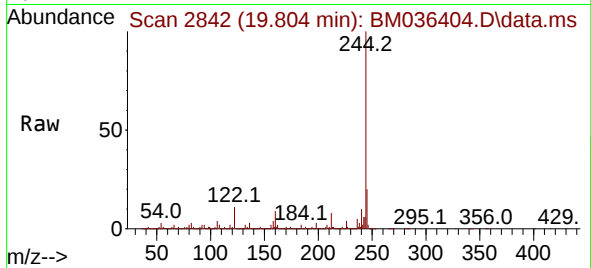




#79
 Terphenyl-d14
 Concen: 120.853 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036404.D
 Acq: 25 Aug 2022 13:44

Instrument :
 BNA_M
 ClientSampleId :
 PB147279BL

Tgt Ion:244 Resp: 5282638
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 11.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.680 min Scan# 3501
 Delta R.T. -0.000 min
 Lab File: BM036404.D
 Acq: 25 Aug 2022 13:44

Tgt Ion:264 Resp: 735360
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 21.6 17.5 26.3

