

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071822\
 Data File : BM035859.D
 Acq On : 18 Jul 2022 17:34
 Operator : CG/JU
 Sample : PB146238BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146238BL

Quant Time: Jul 18 19:17:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	297807	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1198825	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	635309	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1167188	20.000	ng	0.00
76) Chrysene-d12	21.445	240	847320	20.000	ng	0.00
86) Perylene-d12	23.821	264	814342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2690782	140.075	ng	0.00
7) Phenol-d6	7.069	99	3251523	134.606	ng	0.00
23) Nitrobenzene-d5	9.069	82	1960480	87.464	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	913255	128.514	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4135425	92.010	ng	0.00
79) Terphenyl-d14	19.898	244	4653274	106.851	ng	0.00

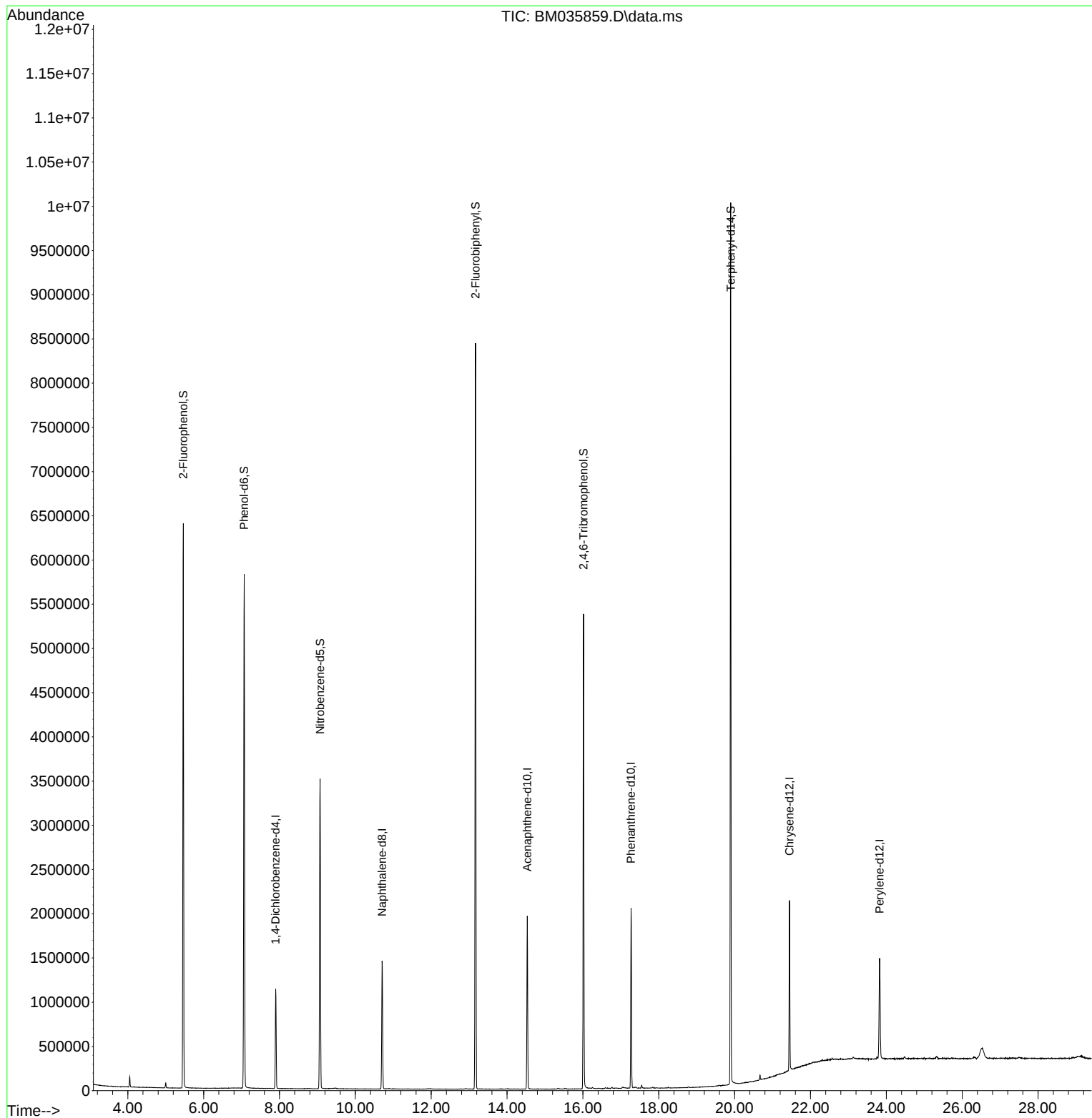
Target Compounds	Qvalue

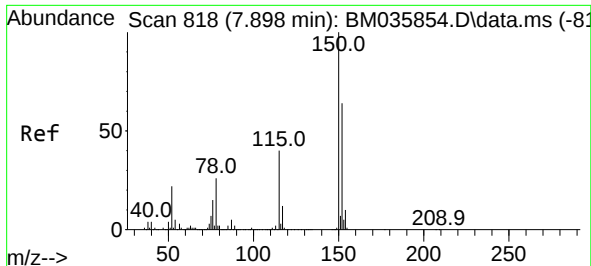
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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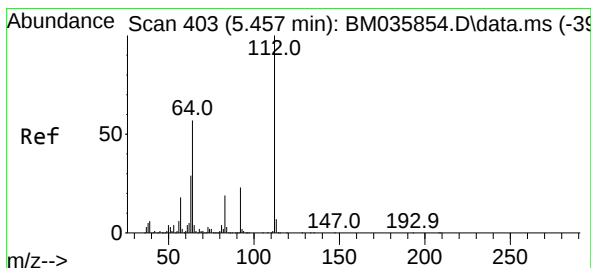
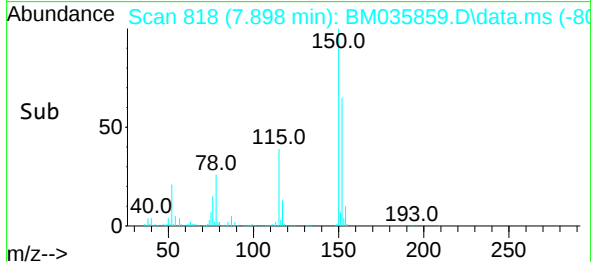
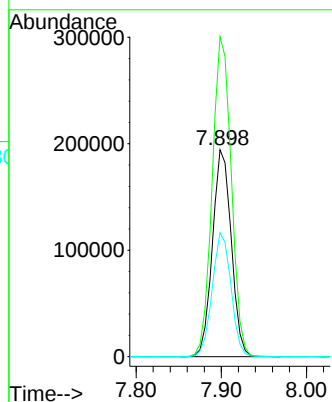
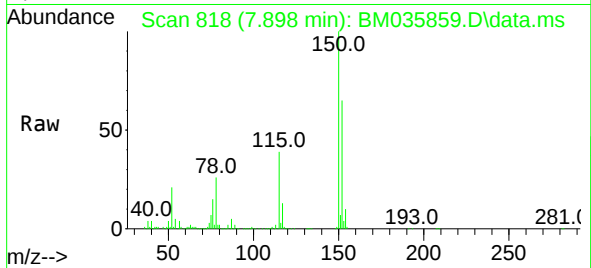




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035859.D
Acq: 18 Jul 2022 17:34

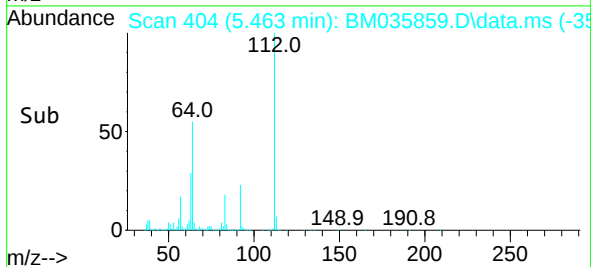
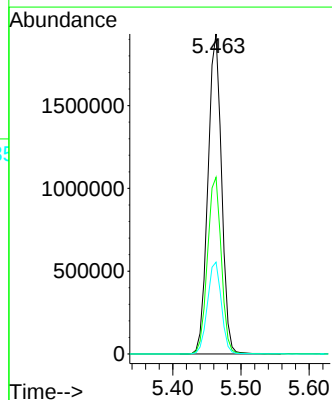
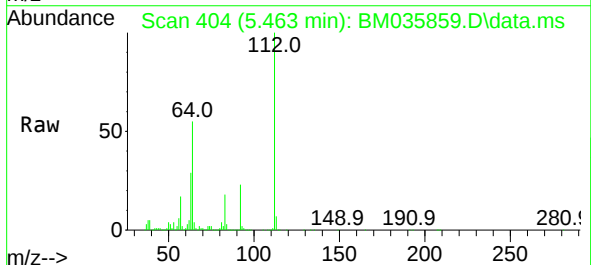
Instrument :
BNA_M
ClientSampleId :
PB146238BL

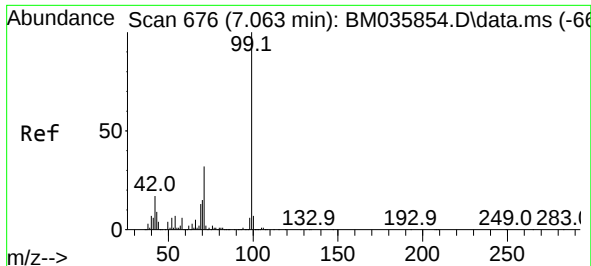
Tgt Ion:152 Resp: 297807
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 60.0 47.9 71.9



#5
2-Fluorophenol
Concen: 140.075 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM035859.D
Acq: 18 Jul 2022 17:34

Tgt Ion:112 Resp: 2690782
Ion Ratio Lower Upper
112 100
64 55.2 47.8 71.6
63 28.7 26.6 40.0

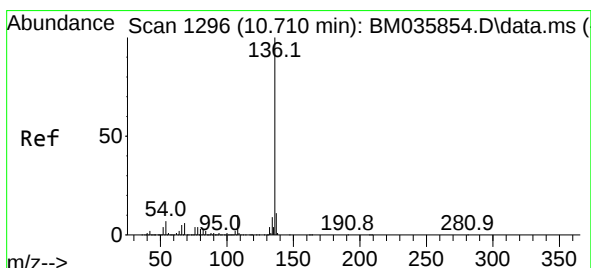
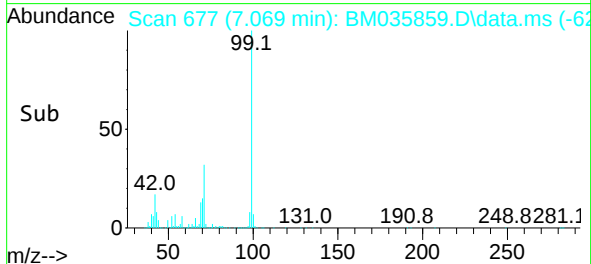
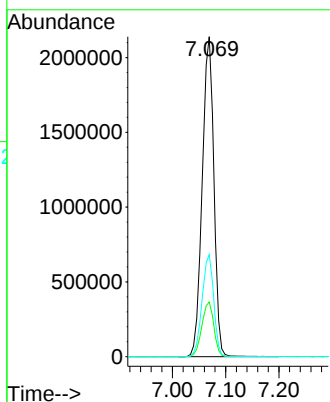
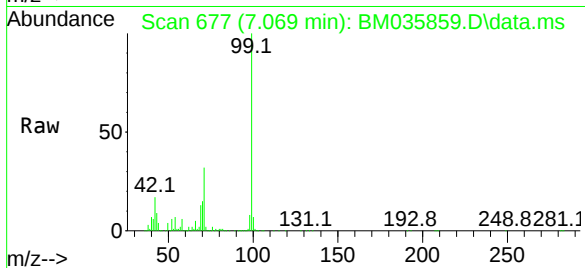




#7
Phenol-d6
Concen: 134.606 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035859.D
Acq: 18 Jul 2022 17:34

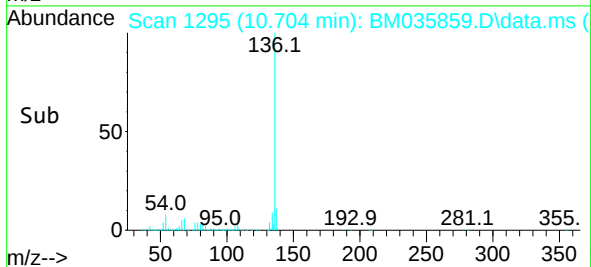
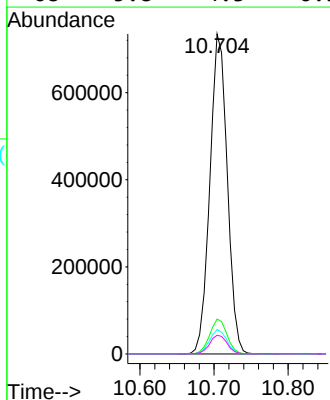
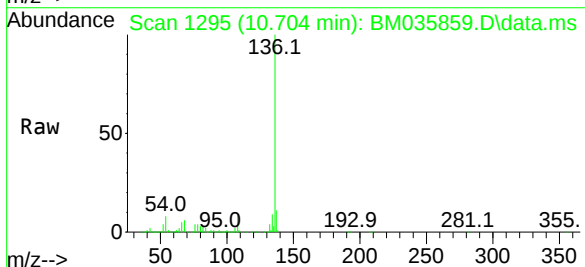
Instrument :
BNA_M
ClientSampleId :
PB146238BL

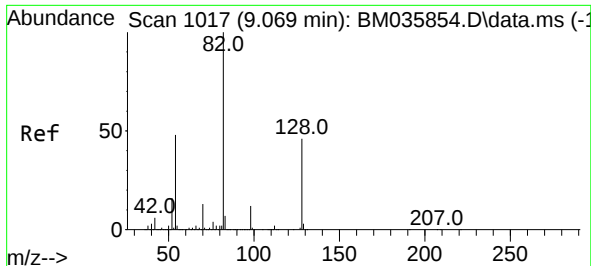
Tgt Ion: 99 Resp: 3251523
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 31.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035859.D
Acq: 18 Jul 2022 17:34

Tgt Ion: 136 Resp: 1198825
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 7.0 10.4
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 87.464 ng

RT: 9.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM035859.D

Acq: 18 Jul 2022 17:34

Instrument :

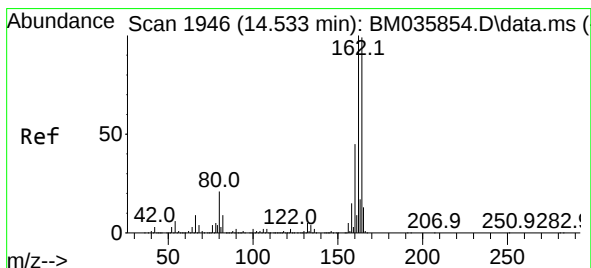
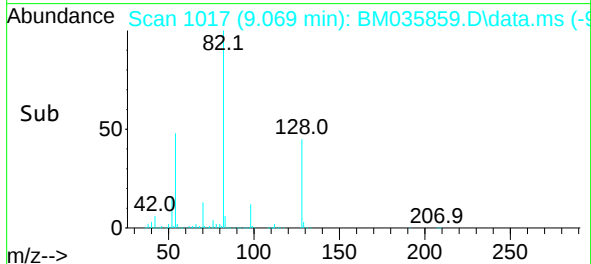
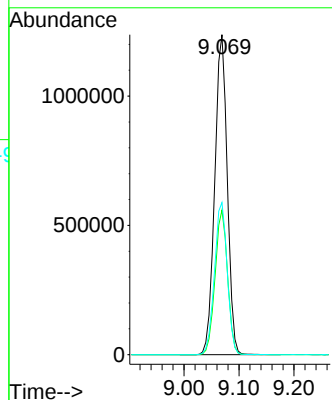
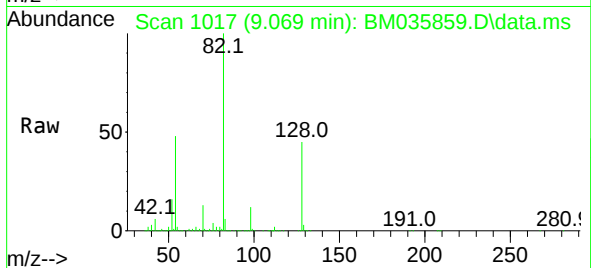
BNA_M

ClientSampleId :

PB146238BL

Tgt Ion: 82 Resp: 1960480

Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.7	50.5
54	47.6	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

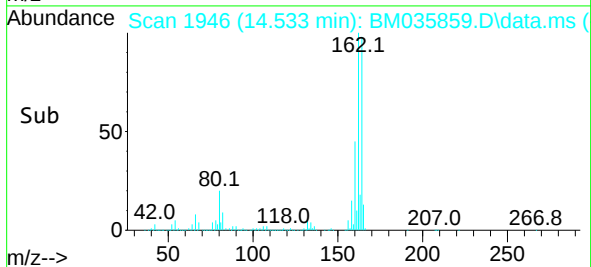
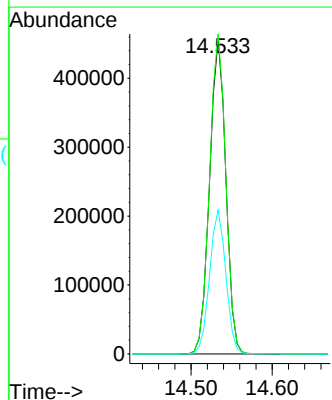
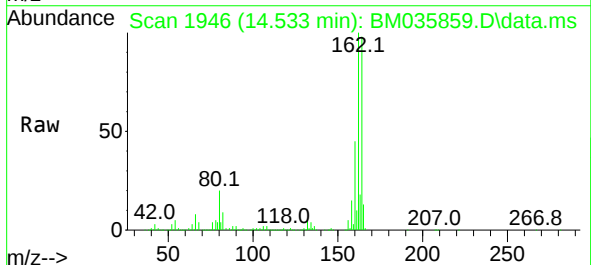
Delta R.T. 0.000 min

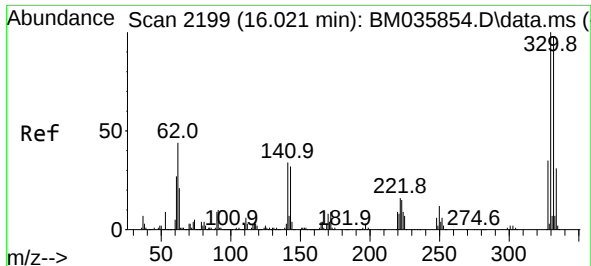
Lab File: BM035859.D

Acq: 18 Jul 2022 17:34

Tgt Ion: 164 Resp: 635309

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.6
160	45.7	37.0	55.4

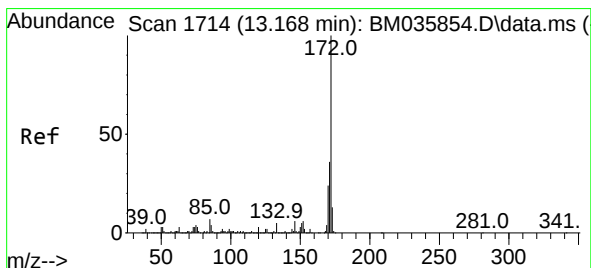
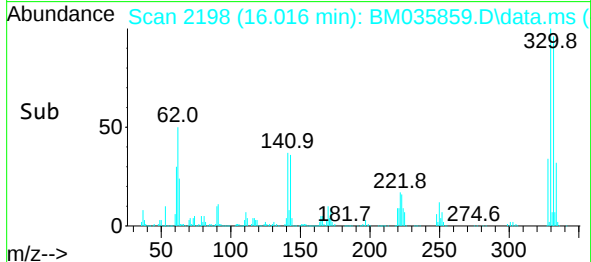
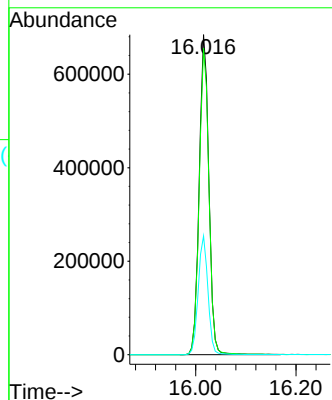
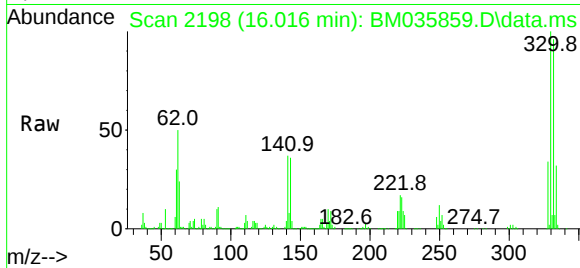




#42
2,4,6-Tribromophenol
Concen: 128.514 ng
RT: 16.016 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM035859.D
Acq: 18 Jul 2022 17:34

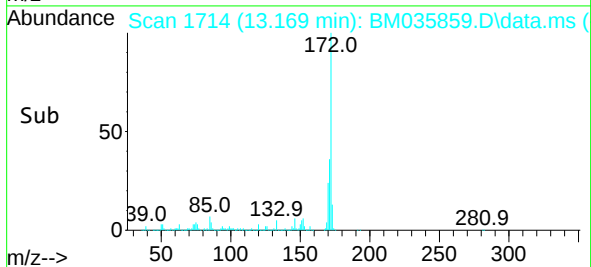
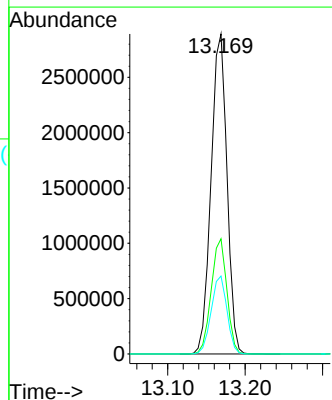
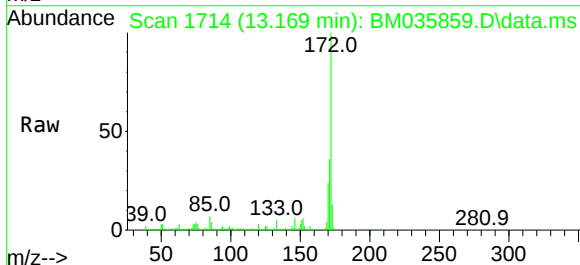
Instrument :
BNA_M
ClientSampleId :
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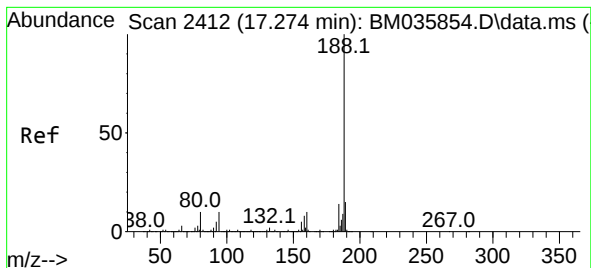
Tgt Ion:330 Resp: 913255
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 37.3 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 92.010 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BM035859.D
Acq: 18 Jul 2022 17:34

Tgt Ion:172 Resp: 4135425
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM035859.D

Acq: 18 Jul 2022 17:34

Instrument :

BNA_M

ClientSampleId :

PB146238BL

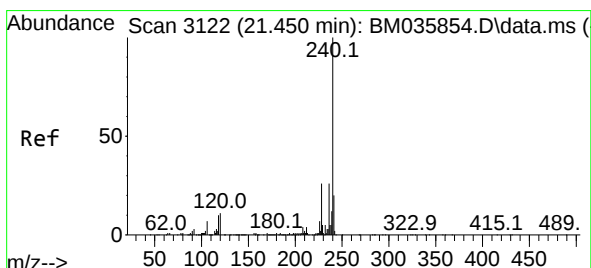
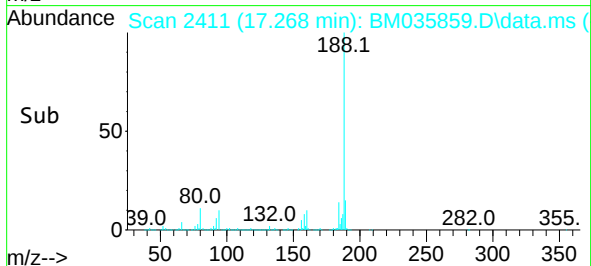
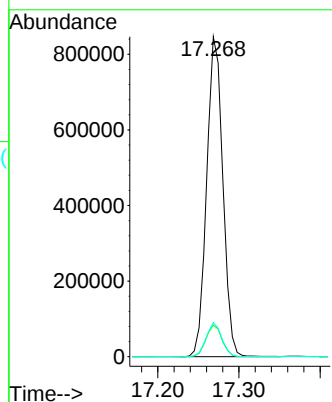
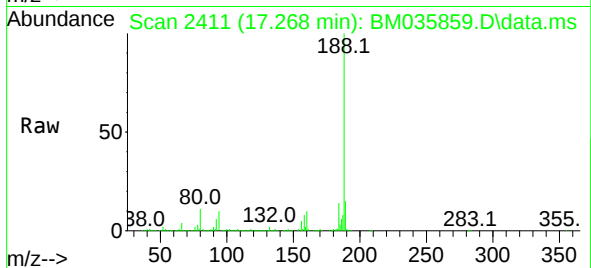
Tgt Ion:188 Resp: 1167188

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.7 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM035859.D

Acq: 18 Jul 2022 17:34

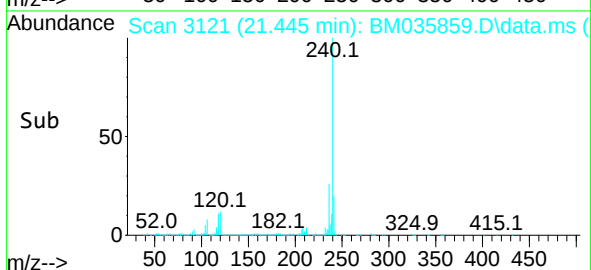
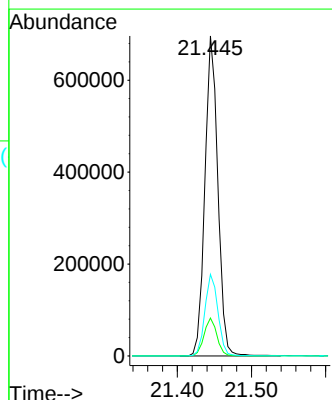
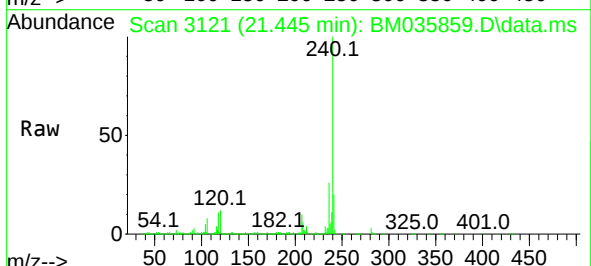
Tgt Ion:240 Resp: 847320

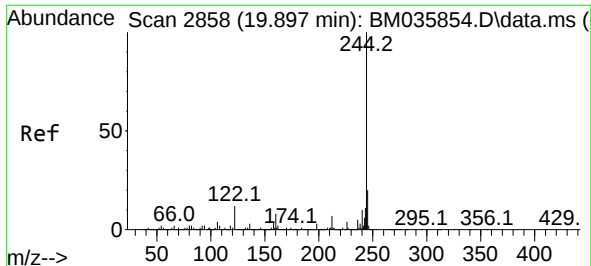
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.0

236 25.5 20.6 30.8

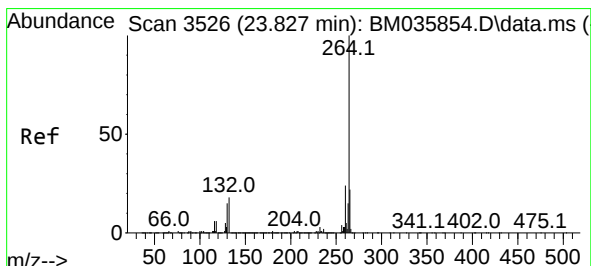
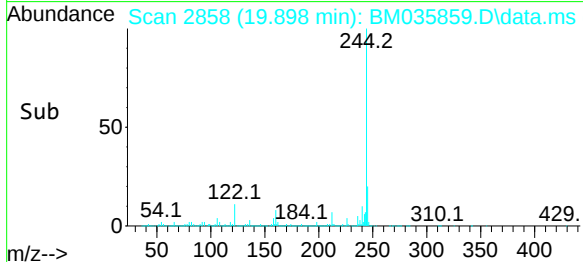
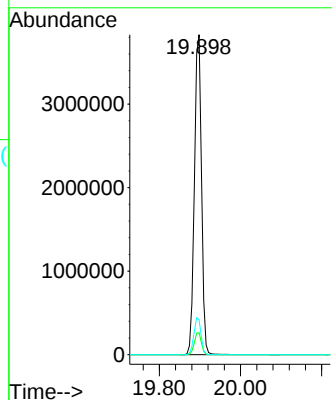
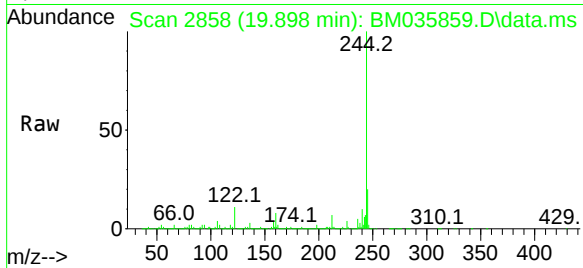




#79
 Terphenyl-d14
 Concen: 106.851 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035859.D
 Acq: 18 Jul 2022 17:34

Instrument :
 BNA_M
 ClientSampleId :
 PB146238BL

Tgt Ion:244 Resp: 4653274
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.006 min
 Lab File: BM035859.D
 Acq: 18 Jul 2022 17:34

Tgt Ion:264 Resp: 814342
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.4 17.5 26.3

