

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
 Data File : BM035898.D
 Acq On : 21 Jul 2022 20:46
 Operator : CG/JU
 Sample : N3786-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0718-WC-TP-WC5B

Quant Time: Jul 22 12:42:45 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	7.893	152	313361	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1271370	20.000	ng	-0.01
39) Acenaphthene-d10	14.527	164	668112	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1203289	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1110463	20.000	ng	-0.01
86) Perylene-d12	23.815	264	1164535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	912605	45.150	ng	0.00
7) Phenol-d6	7.057	99	1133762	44.606	ng	0.00
23) Nitrobenzene-d5	9.057	82	673559	28.335	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	268931	35.986	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	1392073	29.452	ng	-0.01
79) Terphenyl-d14	19.886	244	1573734	27.574	ng	-0.01

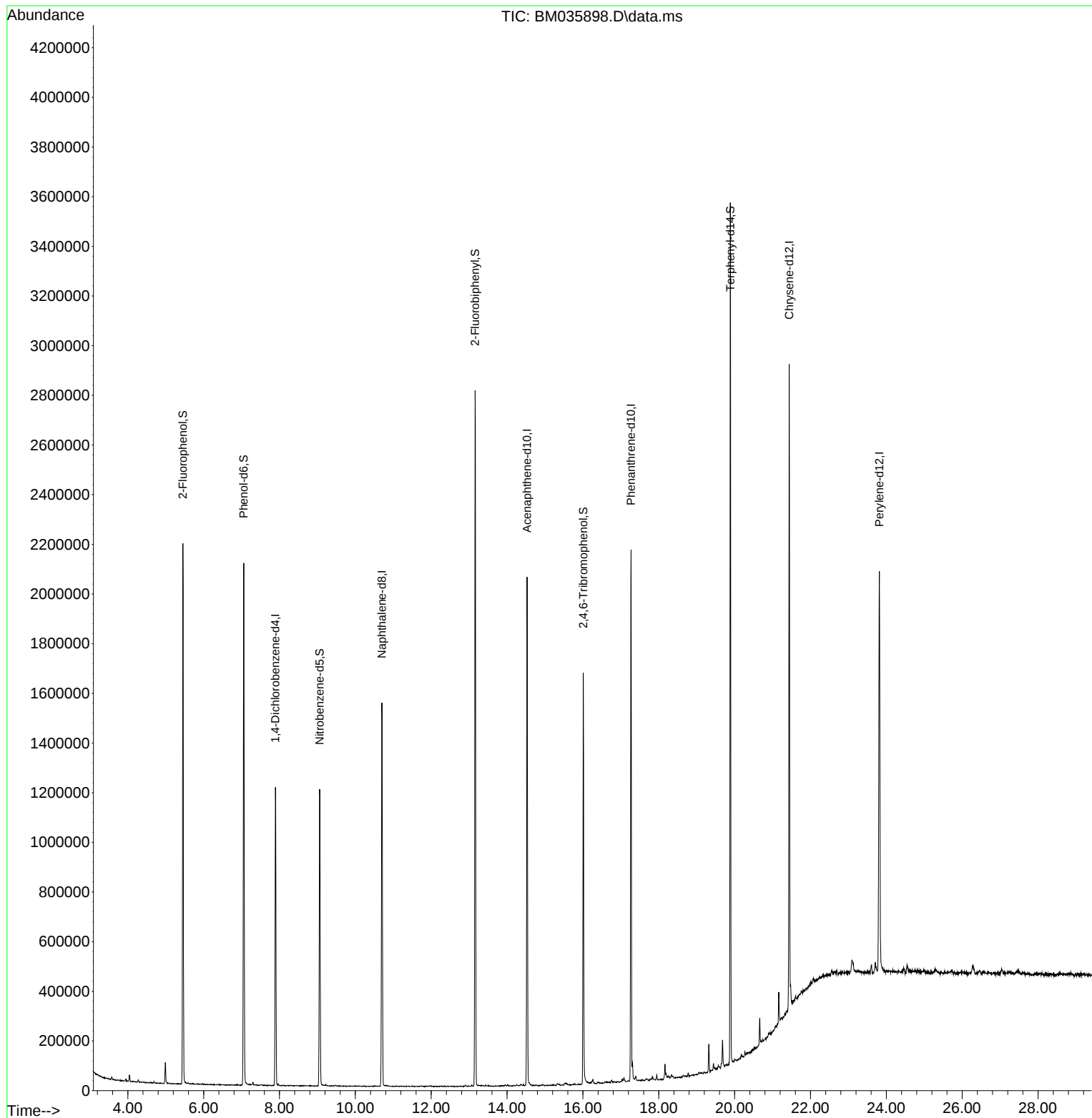
Target Compounds	Qvalue

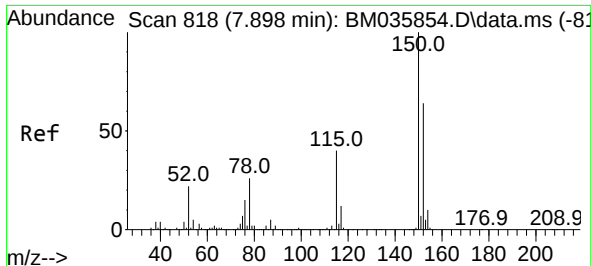
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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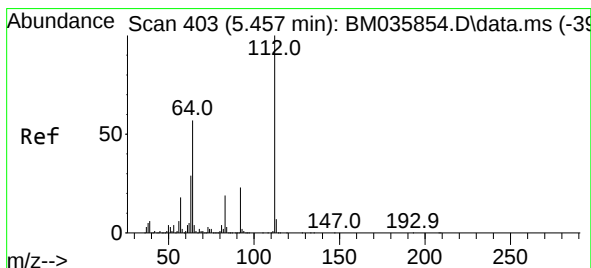
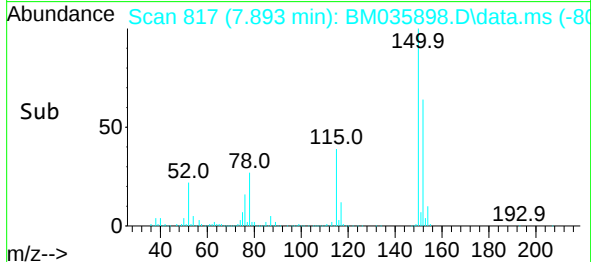
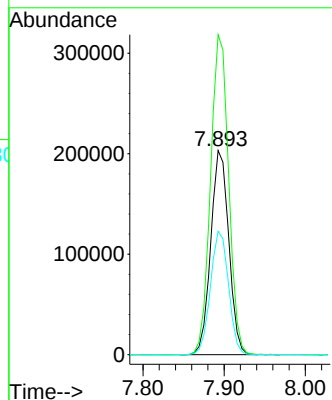
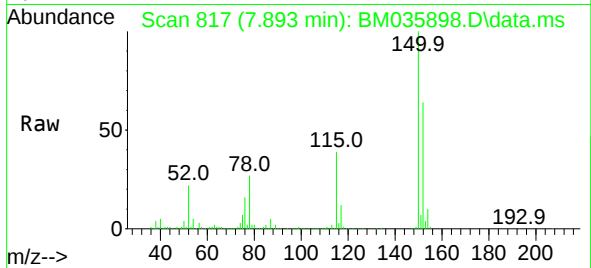




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM035898.D
Acq: 21 Jul 2022 20:46

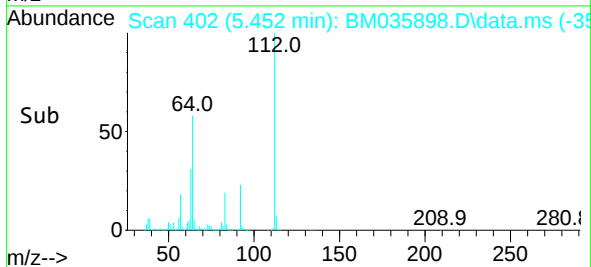
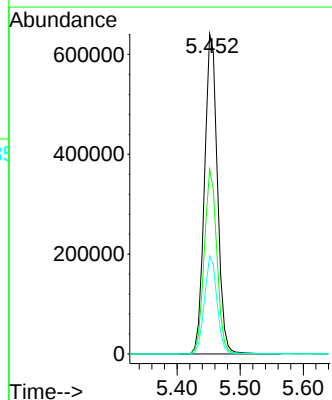
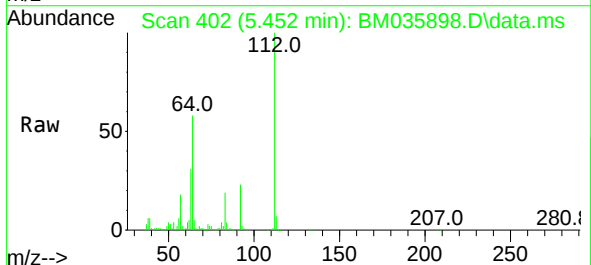
Instrument :
BNA_M
ClientSampleId :
0718-WC-TP-WC5B

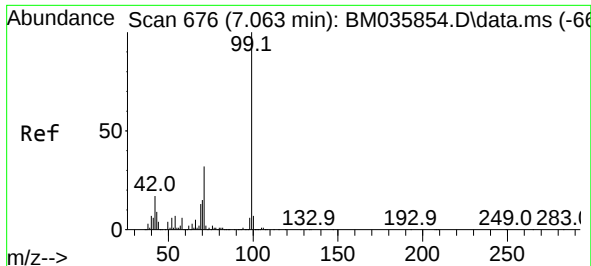
Tgt Ion:152 Resp: 313361
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 60.4 47.9 71.9



#5
2-Fluorophenol
Concen: 45.150 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM035898.D
Acq: 21 Jul 2022 20:46

Tgt Ion:112 Resp: 912605
Ion Ratio Lower Upper
112 100
64 57.7 47.8 71.6
63 30.6 26.6 40.0

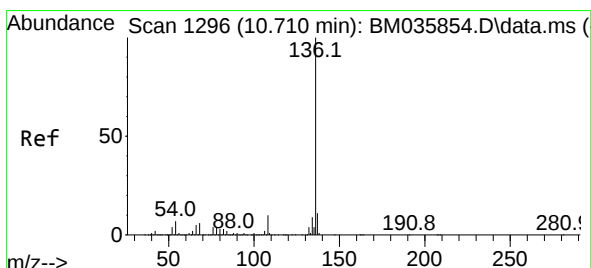
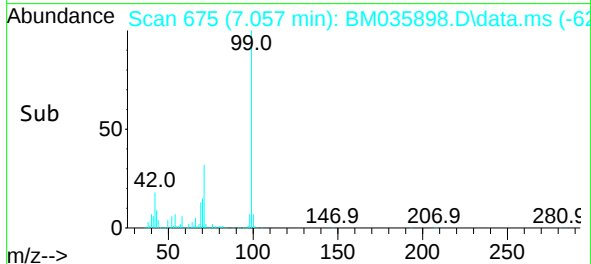
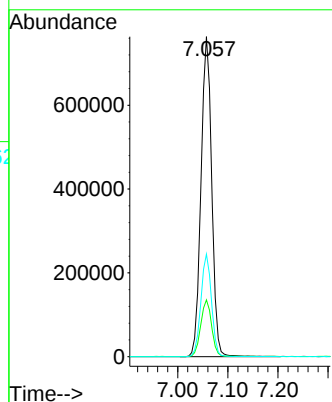
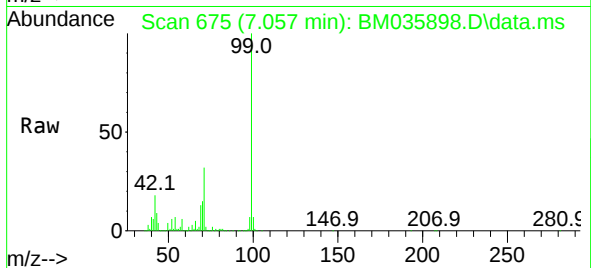




#7
Phenol-d6
Concen: 44.606 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035898.D
Acq: 21 Jul 2022 20:46

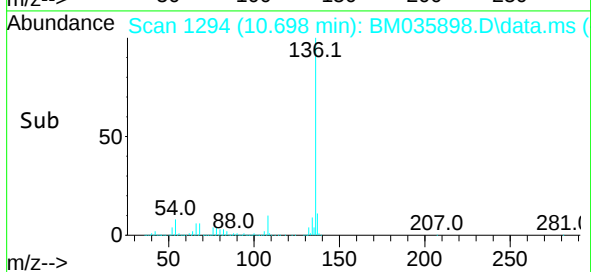
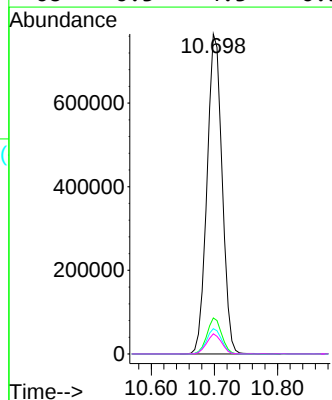
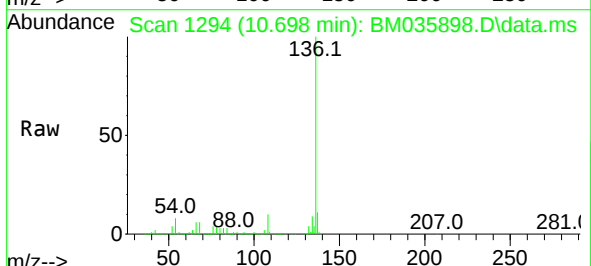
Instrument :
BNA_M
ClientSampleId :
0718-WC-TP-WC5B

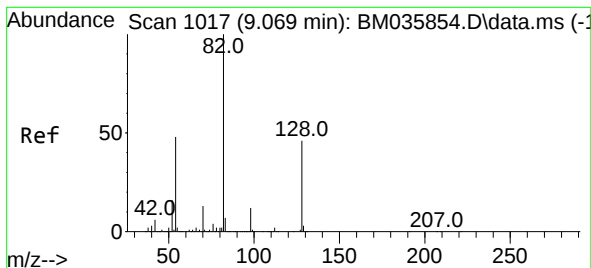
Tgt Ion: 99 Resp: 1133762
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035898.D
Acq: 21 Jul 2022 20:46

Tgt Ion: 136 Resp: 1271370
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.9 7.0 10.4
68 6.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 28.335 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BM035898.D

Acq: 21 Jul 2022 20:46

Instrument :

BNA_M

ClientSampleId :

0718-WC-TP-WC5B

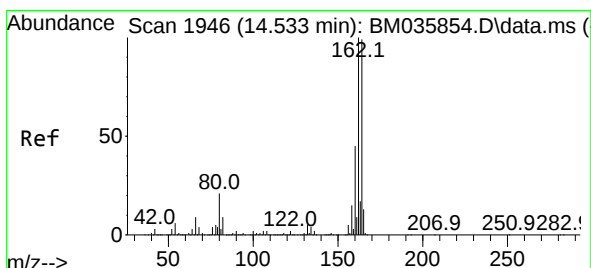
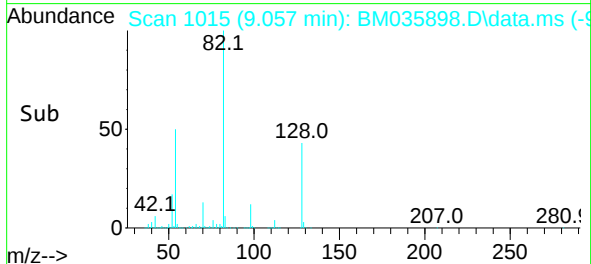
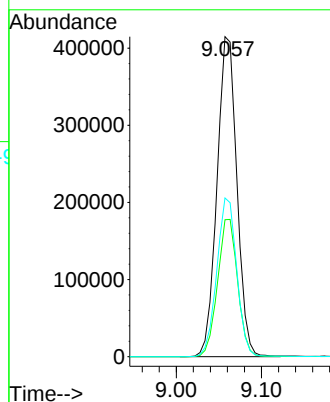
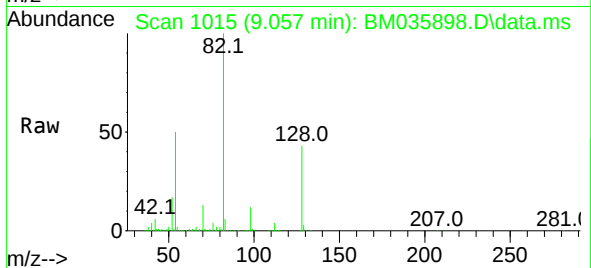
Tgt Ion: 82 Resp: 673559

Ion Ratio Lower Upper

82 100

128 42.8 33.7 50.5

54 49.6 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.527 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BM035898.D

Acq: 21 Jul 2022 20:46

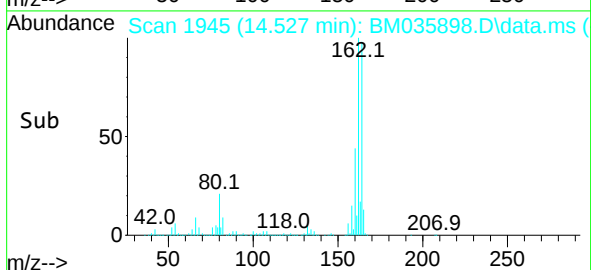
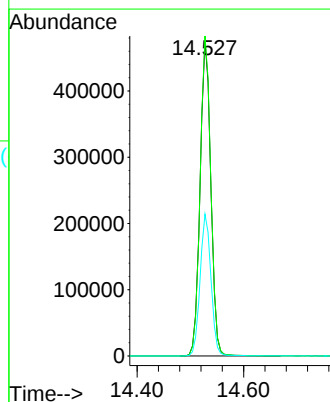
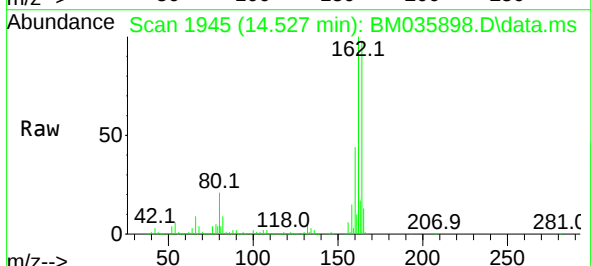
Tgt Ion: 164 Resp: 668112

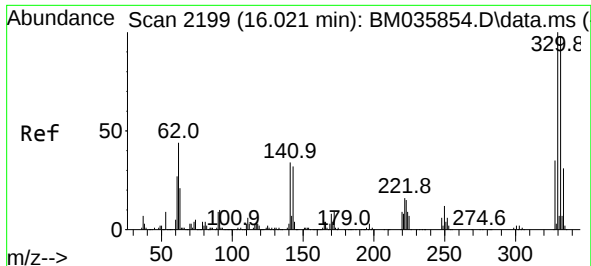
Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.6

160 45.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 35.986 ng

RT: 16.010 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035898.D

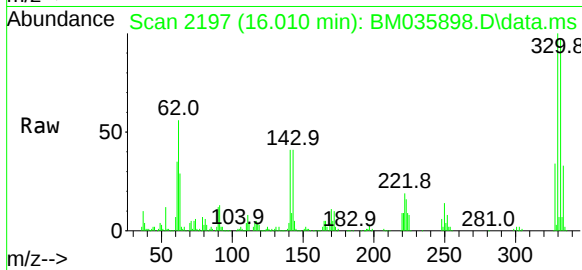
Acq: 21 Jul 2022 20:46

Instrument :

BNA_M

ClientSampleId :

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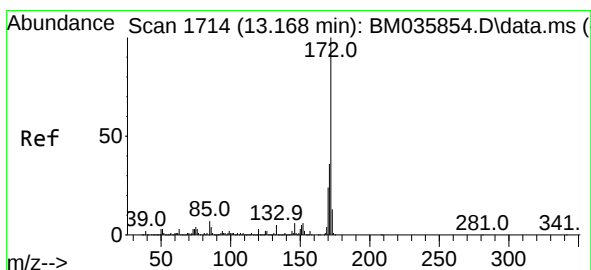
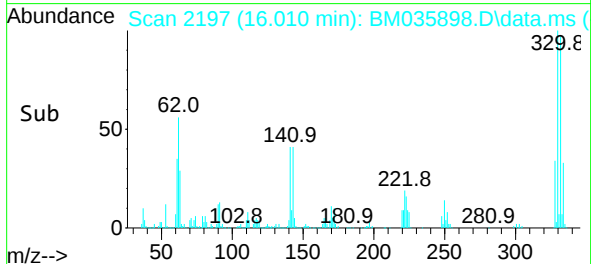
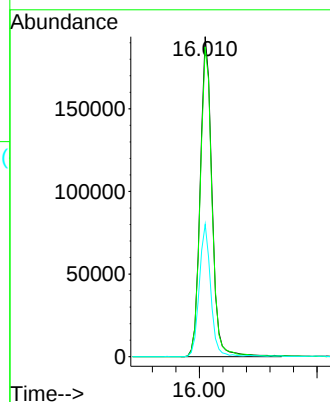
Tgt Ion:330 Resp: 268931

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.4

141 40.1 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 29.452 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BM035898.D

Acq: 21 Jul 2022 20:46

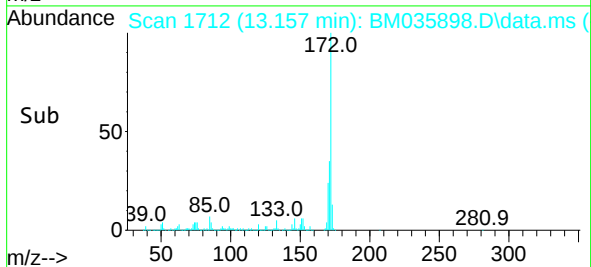
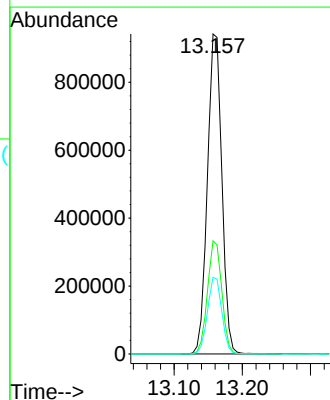
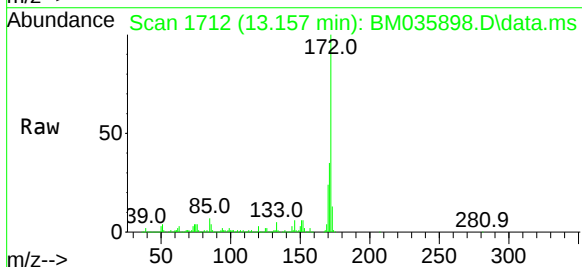
Tgt Ion:172 Resp: 1392073

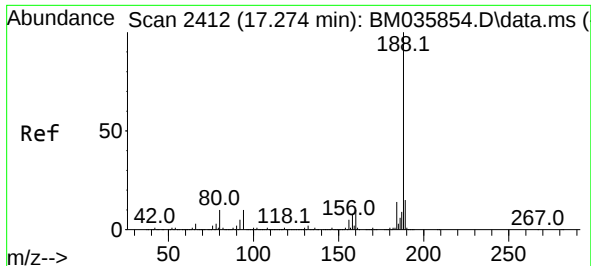
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.0 18.7 28.1

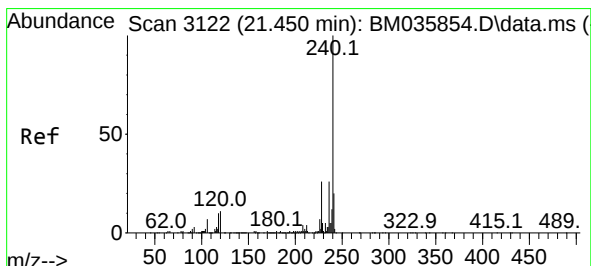
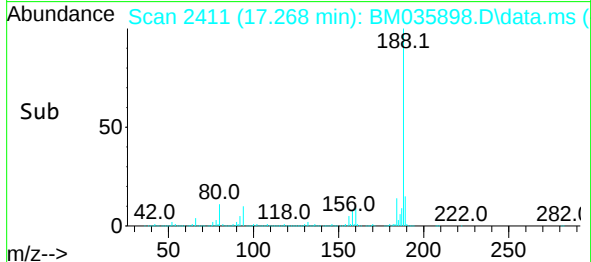
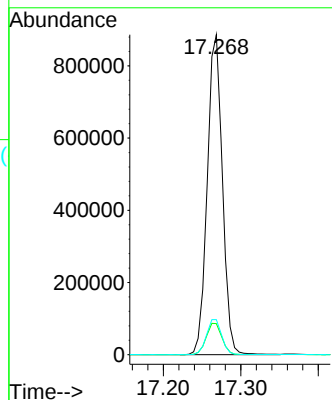
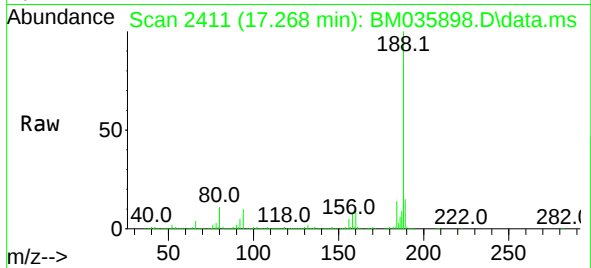




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM035898.D
Acq: 21 Jul 2022 20:46

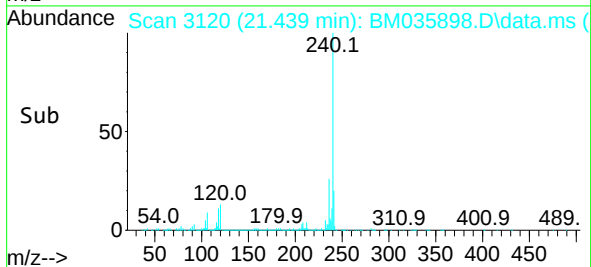
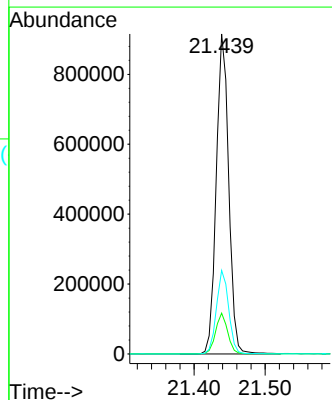
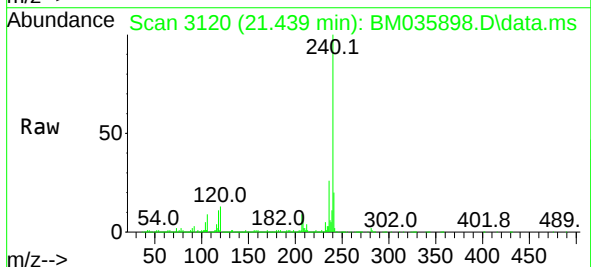
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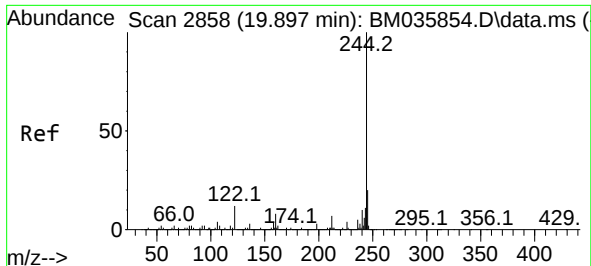
Tgt Ion:188 Resp: 1203289
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 11.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BM035898.D
Acq: 21 Jul 2022 20:46

Tgt Ion:240 Resp: 1110463
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.0
236 26.1 20.6 30.8

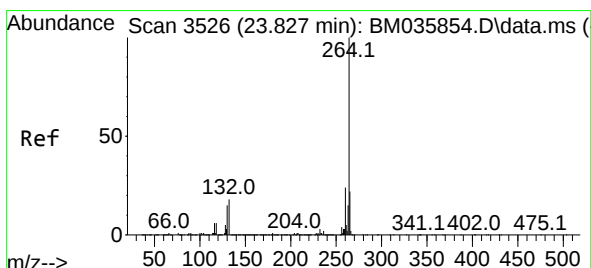
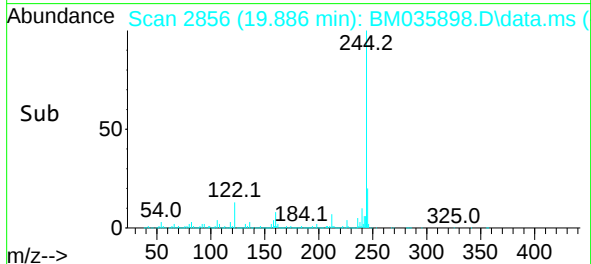
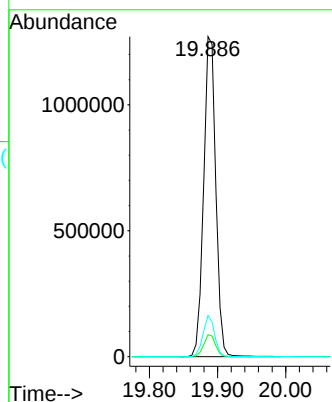
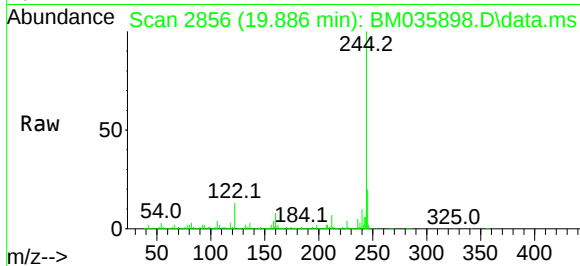




#79
 Terphenyl-d14
 Concen: 27.574 ng
 RT: 19.886 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035898.D
 Acq: 21 Jul 2022 20:46

Instrument :
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Tgt Ion:244 Resp: 1573734
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 12.8 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 3524
 Delta R.T. -0.012 min
 Lab File: BM035898.D
 Acq: 21 Jul 2022 20:46

Tgt Ion:264 Resp: 1164535
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.1 17.5 26.3

