

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
 Data File : BM035897.D
 Acq On : 21 Jul 2022 20:09
 Operator : CG/JU
 Sample : N3805-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20L079

Quant Time: Jul 22 01:09:05 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	7.892	152	321300	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1265808	20.000	ng	-0.01
39) Acenaphthene-d10	14.527	164	646363	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1135480	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1016980	20.000	ng	-0.01
86) Perylene-d12	23.815	264	1145010	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1271700	61.361	ng	0.00
7) Phenol-d6	7.057	99	1627389	62.444	ng	0.00
23) Nitrobenzene-d5	9.063	82	935229	39.516	ng	0.00
42) 2,4,6-Tribromophenol	16.009	330	394414	54.553	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	2049801	44.826	ng	0.00
79) Terphenyl-d14	19.892	244	2333834	44.650	ng	0.00

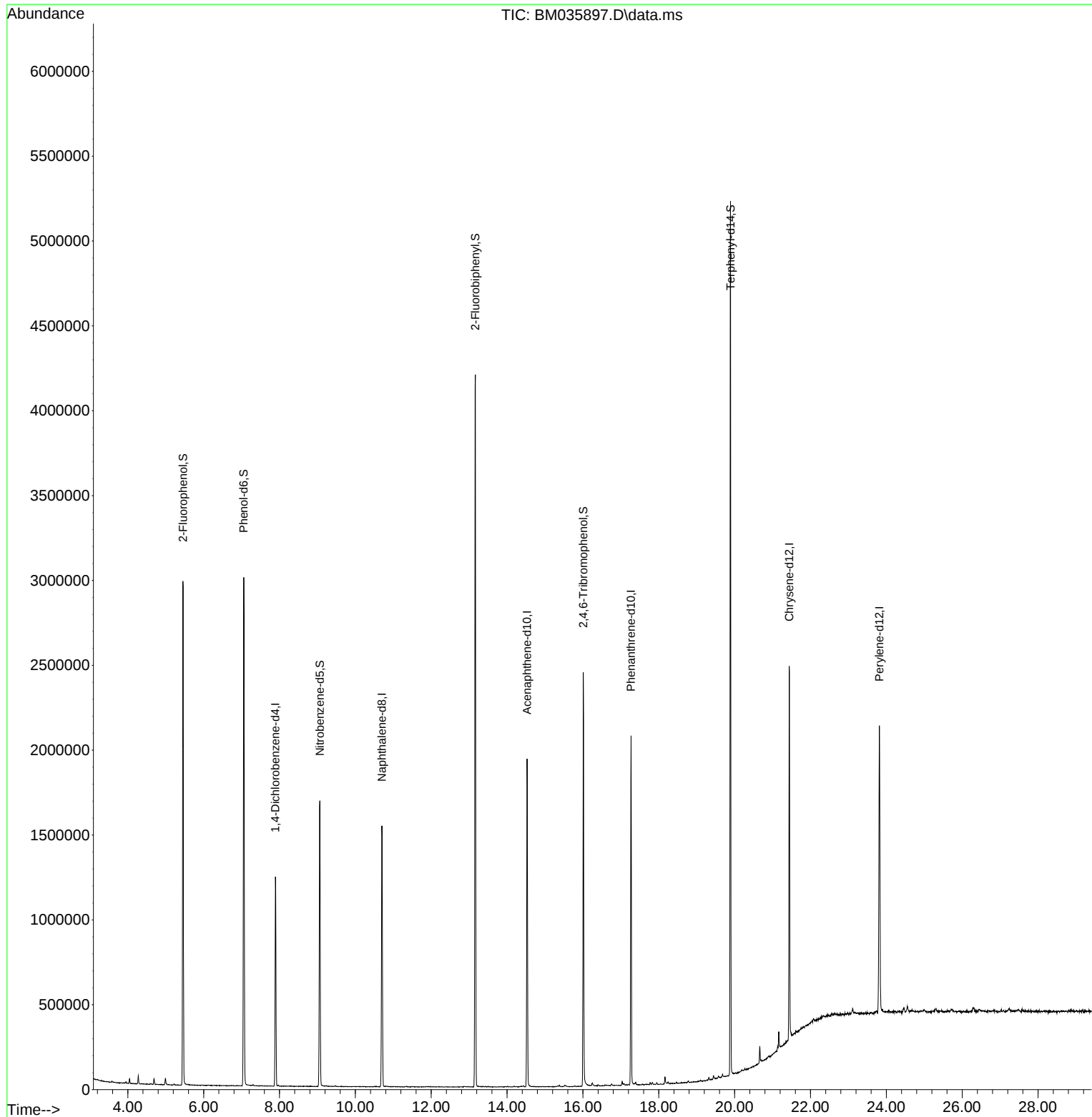
Target Compounds	Qvalue

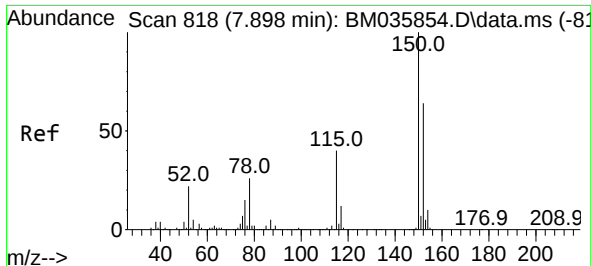
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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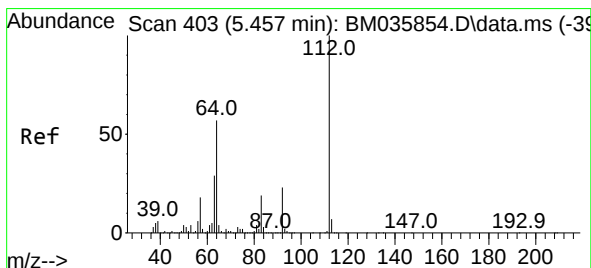
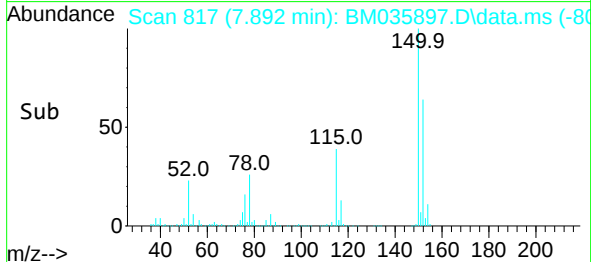
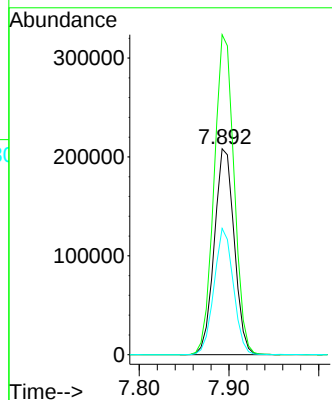
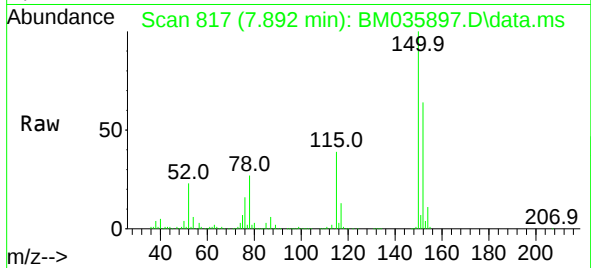




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

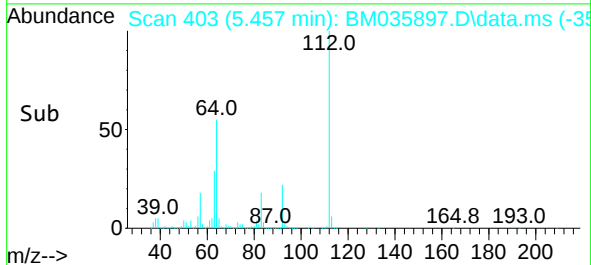
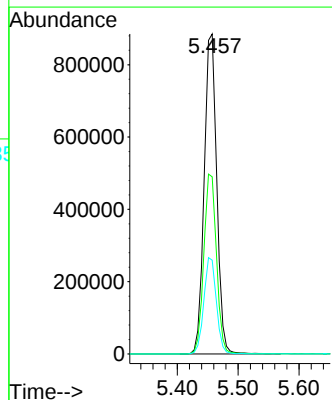
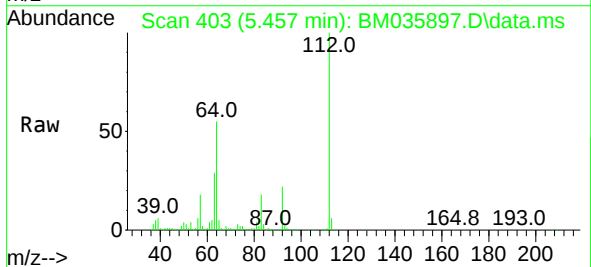
Instrument :
BNA_M
ClientSampleId :
20L079

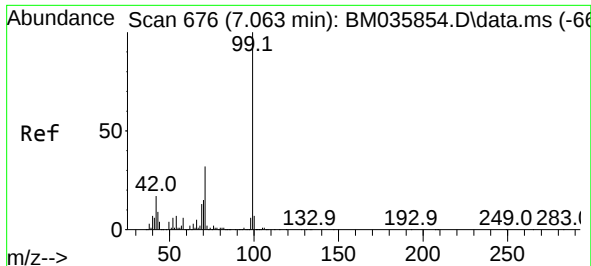
Tgt Ion:152 Resp: 321300
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 61.3 47.9 71.9



#5
2-Fluorophenol
Concen: 61.361 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

Tgt Ion:112 Resp: 1271700
Ion Ratio Lower Upper
112 100
64 55.4 47.8 71.6
63 29.3 26.6 40.0

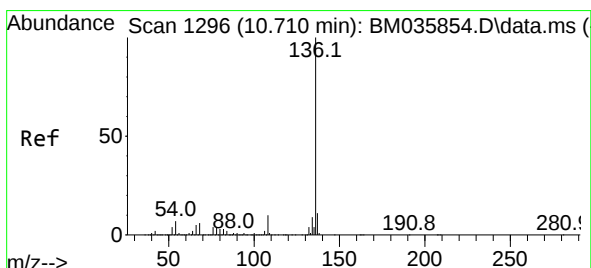
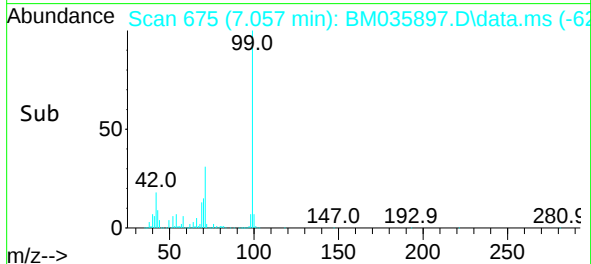
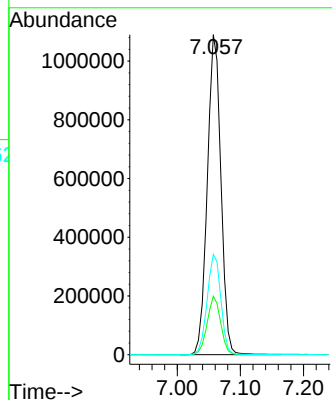
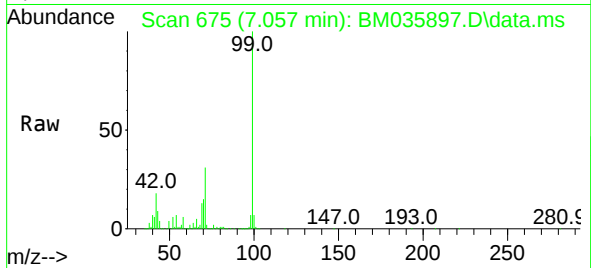




#7
Phenol-d6
Concen: 62.444 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

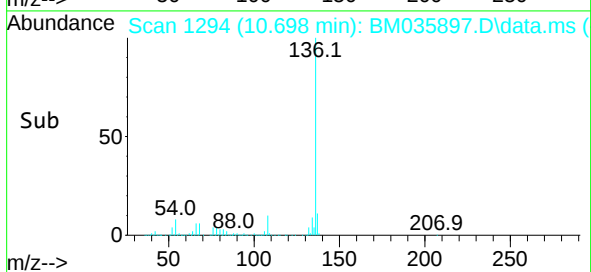
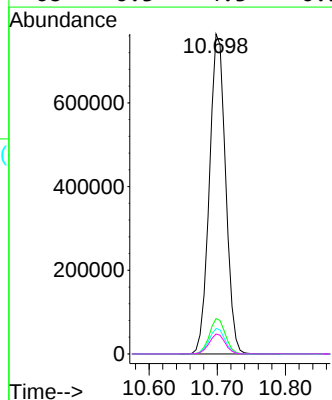
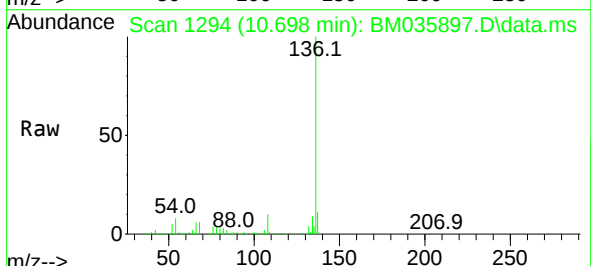
Instrument :
BNA_M
ClientSampleId :
20L079

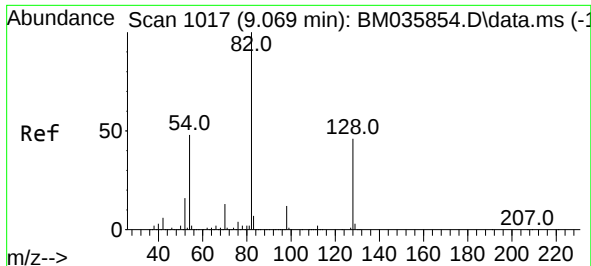
Tgt Ion: 99 Resp: 1627389
Ion Ratio Lower Upper
99 100
42 18.3 18.8 28.2#
71 31.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

Tgt Ion: 136 Resp: 1265808
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 7.0 10.4
68 6.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 39.516 ng

RT: 9.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BM035897.D

Acq: 21 Jul 2022 20:09

Instrument :

BNA_M

ClientSampleId :

20L079

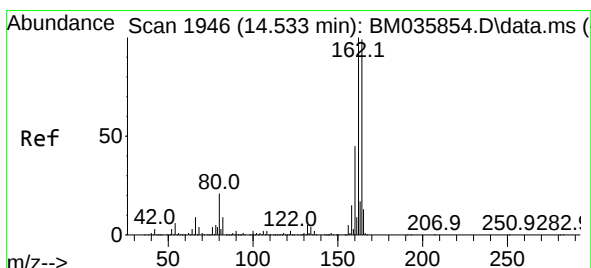
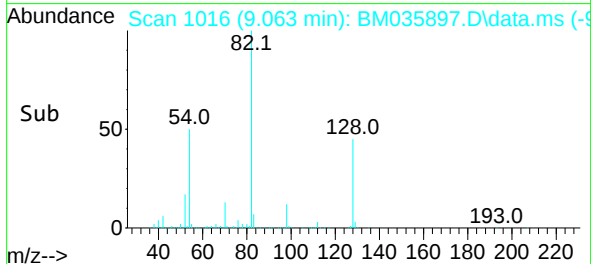
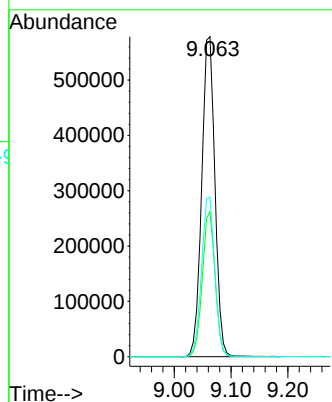
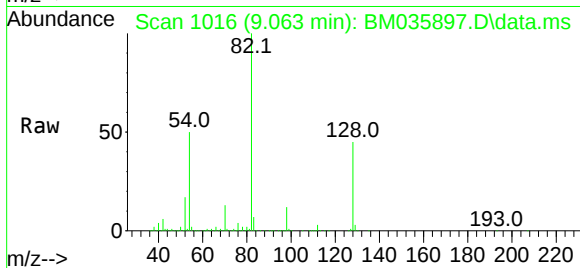
Tgt Ion: 82 Resp: 935229

Ion Ratio Lower Upper

82 100

128 45.3 33.7 50.5

54 49.8 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: BM035897.D

Acq: 21 Jul 2022 20:09

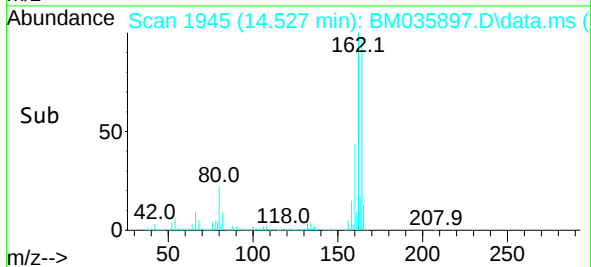
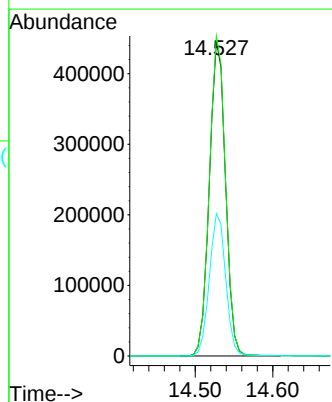
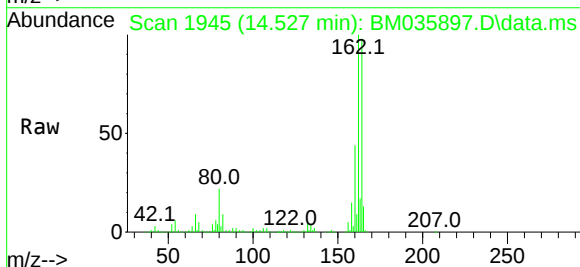
Tgt Ion:164 Resp: 646363

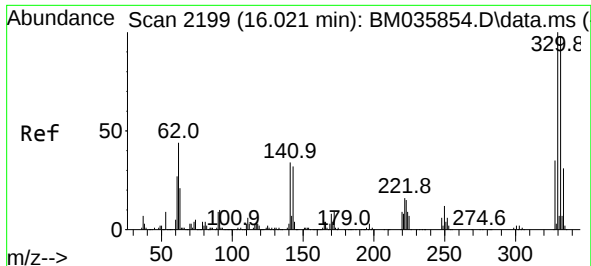
Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.6

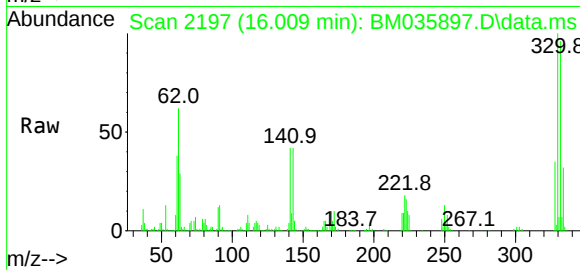
160 45.2 37.0 55.4



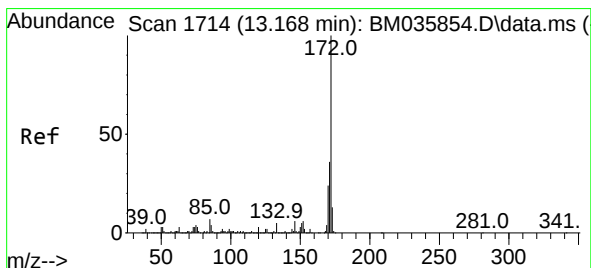
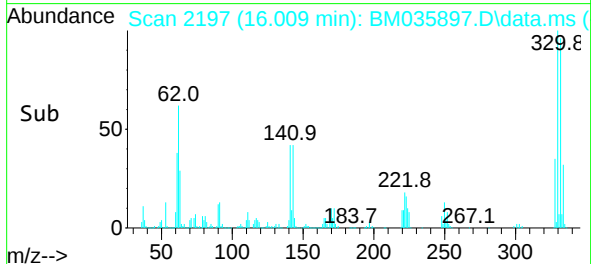
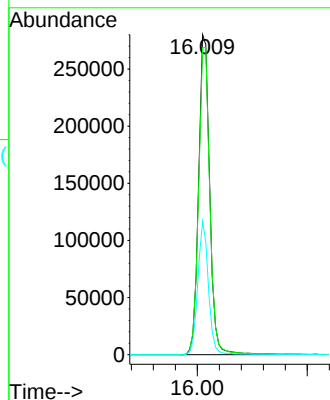


#42
2,4,6-Tribromophenol
Concen: 54.553 ng
RT: 16.009 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

Instrument :
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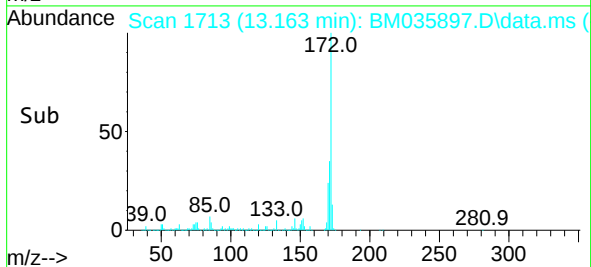
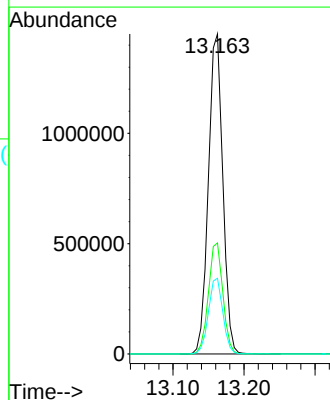
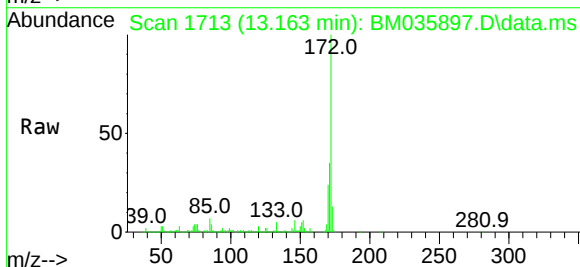


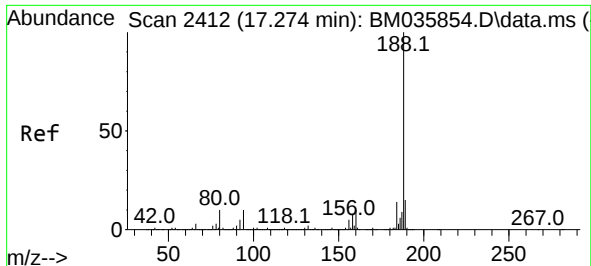
Tgt Ion:330 Resp: 394414
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 40.0 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 44.826 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

Tgt Ion:172 Resp: 2049801
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.6 18.7 28.1

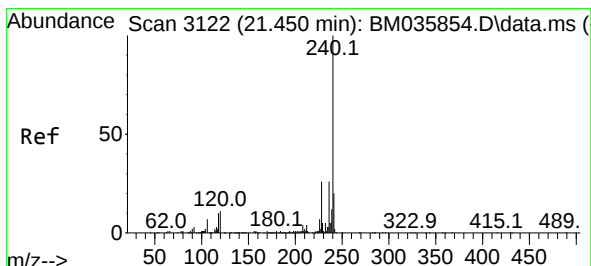
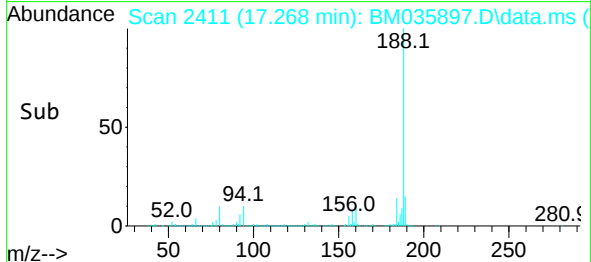
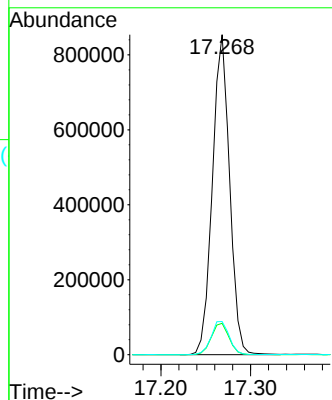
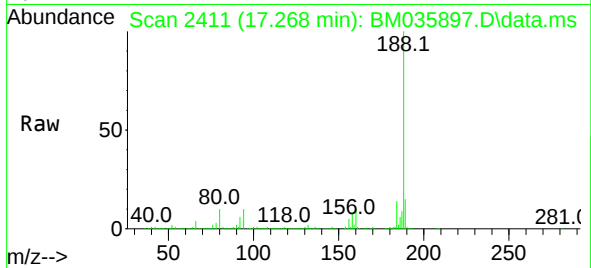




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

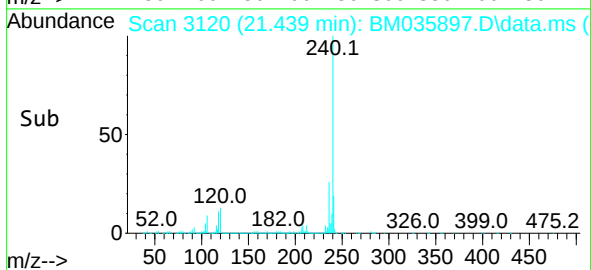
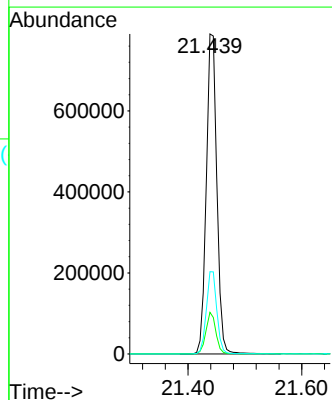
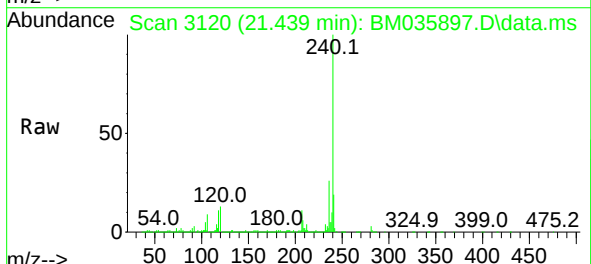
Instrument :
BNA_M
ClientSampleId :
20L079

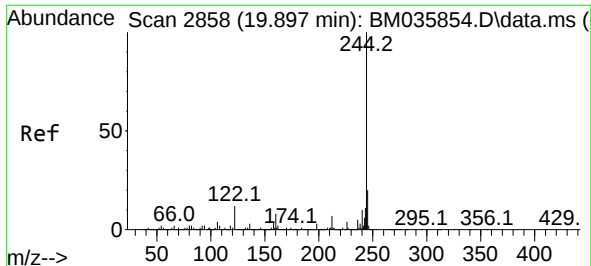
Tgt Ion:188 Resp: 1135480
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BM035897.D
Acq: 21 Jul 2022 20:09

Tgt Ion:240 Resp: 1016980
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.0
236 25.7 20.6 30.8

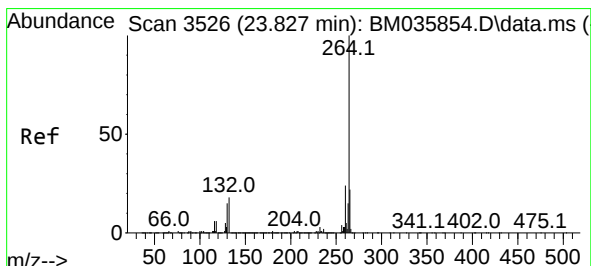
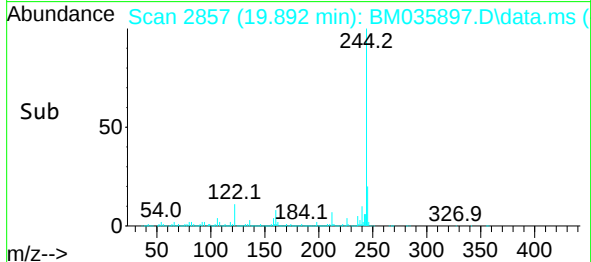
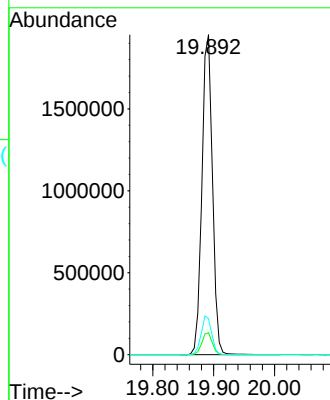
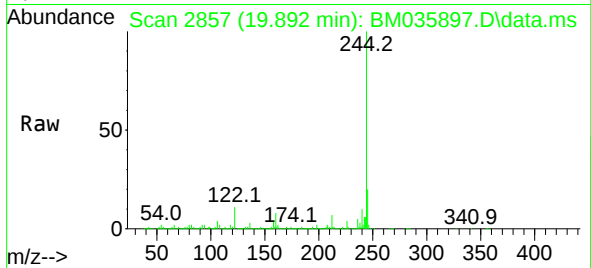




#79
 Terphenyl-d14
 Concen: 44.650 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035897.D
 Acq: 21 Jul 2022 20:09

Instrument :
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Tgt Ion:244 Resp: 2333834
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 11.2 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: BM035897.D
 Acq: 21 Jul 2022 20:09

Tgt Ion:264 Resp: 1145010
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.8 17.5 26.3

