

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035842.D
 Acq On : 15 Jul 2022 22:28
 Operator : CG/JU
 Sample : N3652-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-3-(18-24)

Quant Time: Jul 15 23:48:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	345468	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1500248	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	880084	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1668277	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1189512	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1106437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2438973	114.673	ng	0.00
7) Phenol-d6	7.069	99	3132082	117.729	ng	0.00
23) Nitrobenzene-d5	9.069	82	1840214	70.122	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1038226	116.167	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	3790190	60.061	ng	0.00
79) Terphenyl-d14	19.898	244	4201678	68.568	ng	0.00

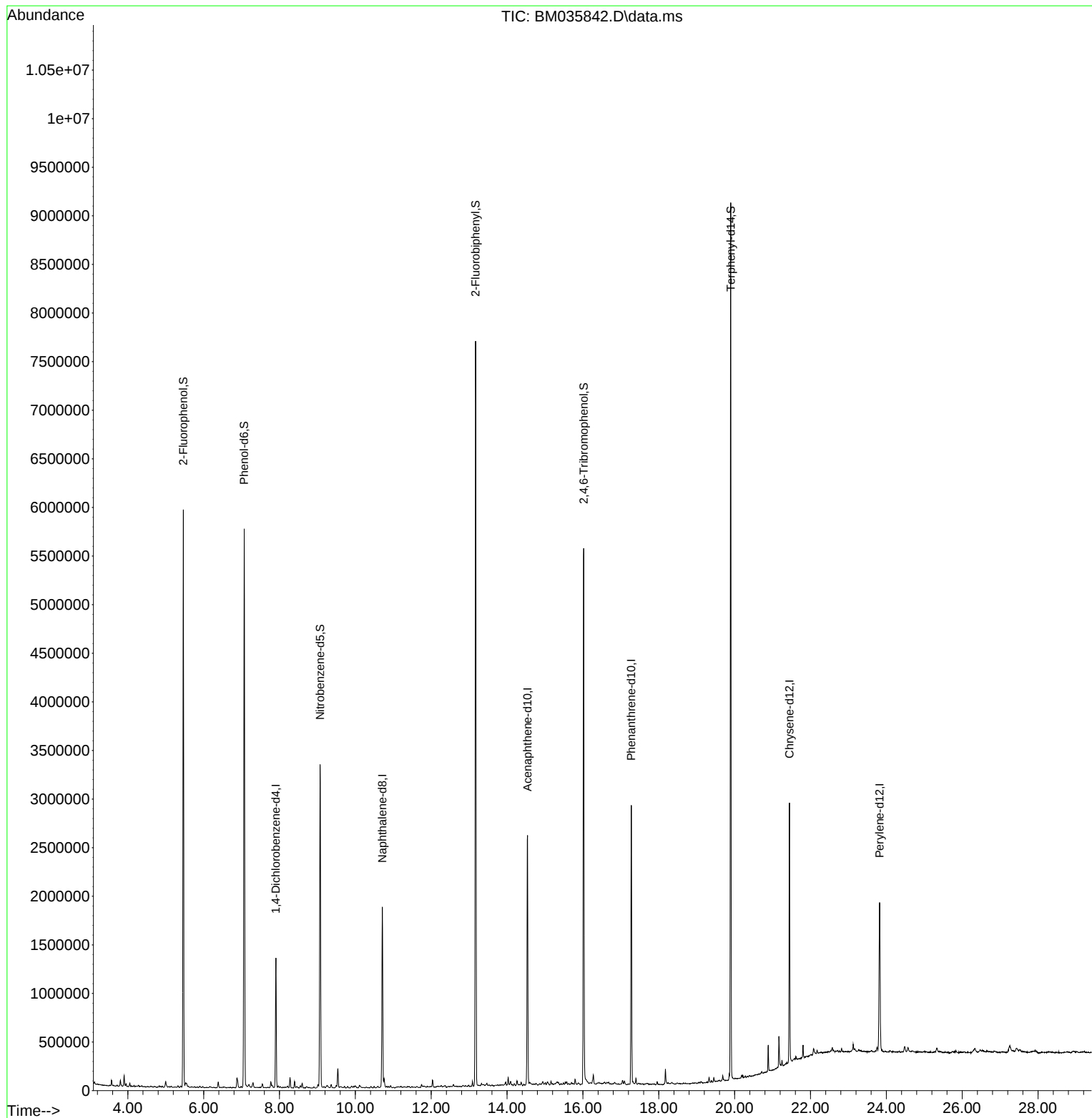
Target Compounds	Qvalue

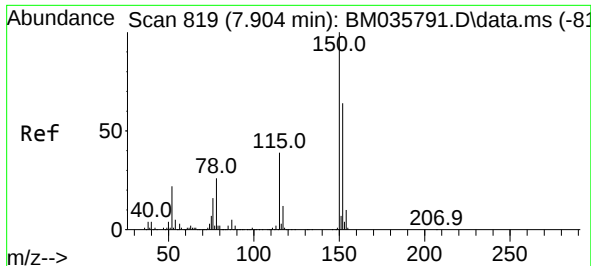
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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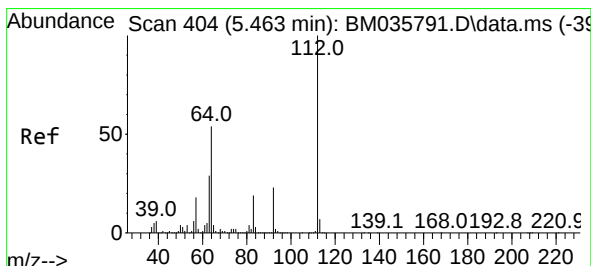
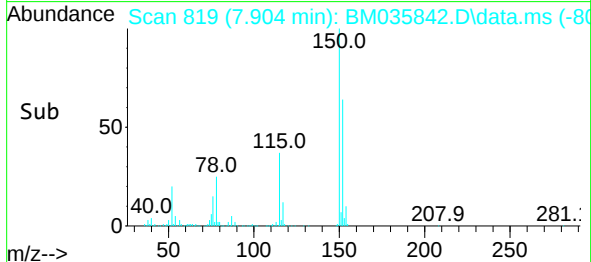
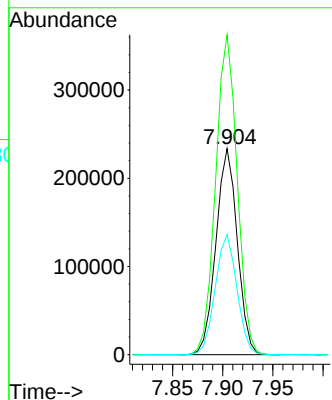
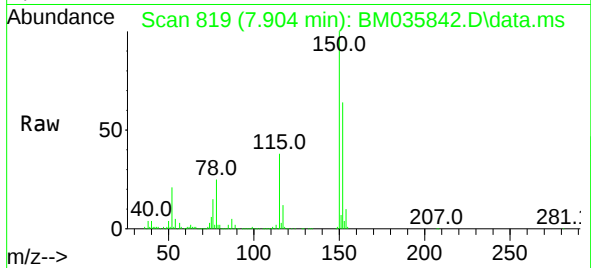




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

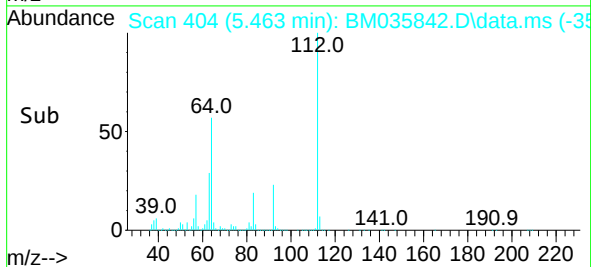
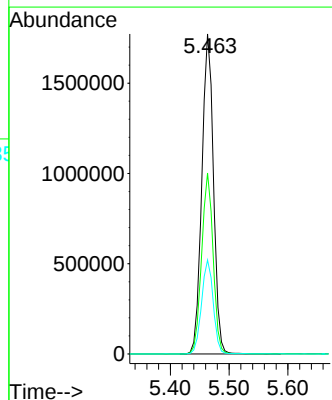
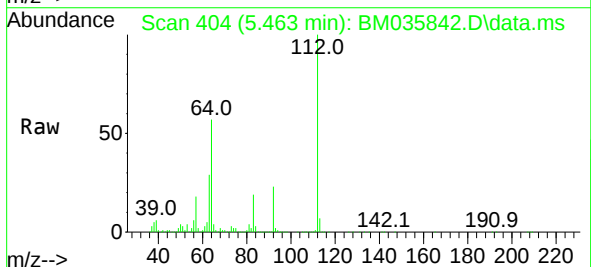
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

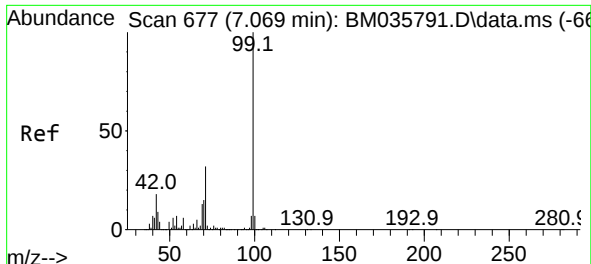
Tgt Ion:152 Resp: 345468
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 58.3 47.9 71.9



#5
2-Fluorophenol
Concen: 114.673 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:112 Resp: 2438973
Ion Ratio Lower Upper
112 100
64 56.5 47.8 71.6
63 29.3 26.6 40.0

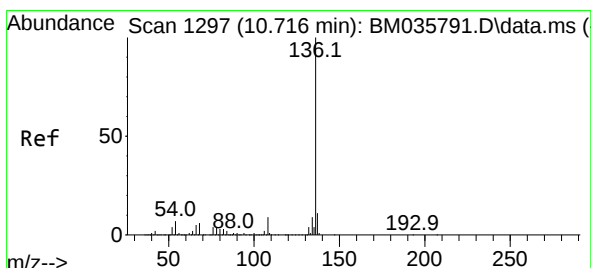
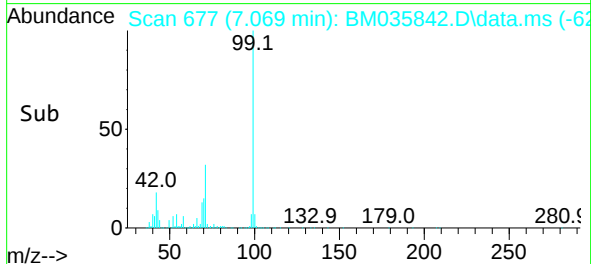
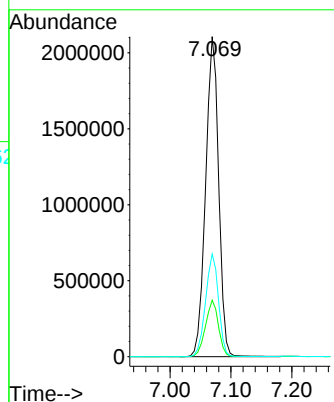
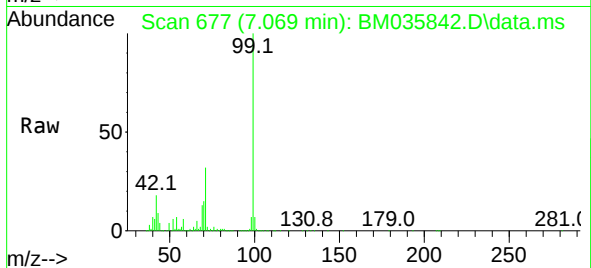




#7
Phenol-d6
Concen: 117.729 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

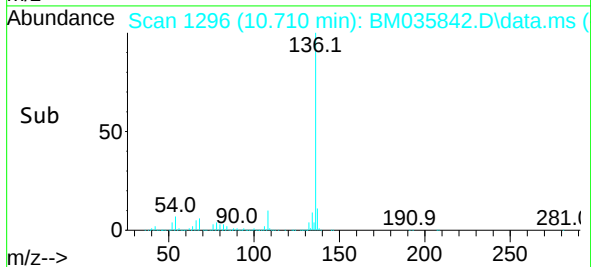
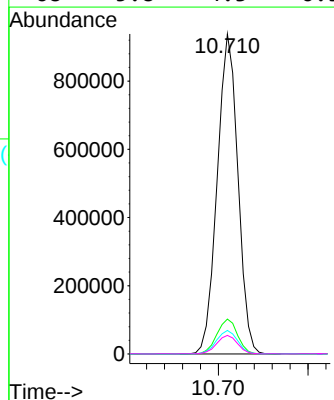
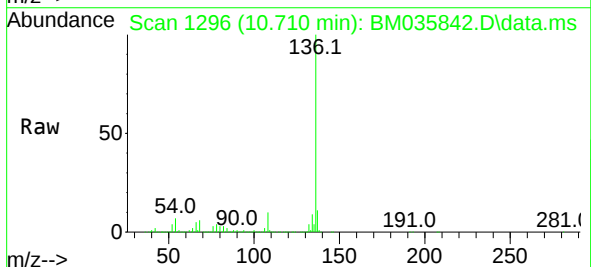
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

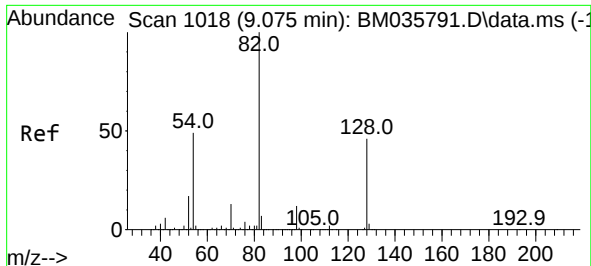
Tgt Ion: 99 Resp: 3132082
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 32.1 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion:136 Resp: 1500248
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 7.0 10.4
68 5.8 4.3 6.5

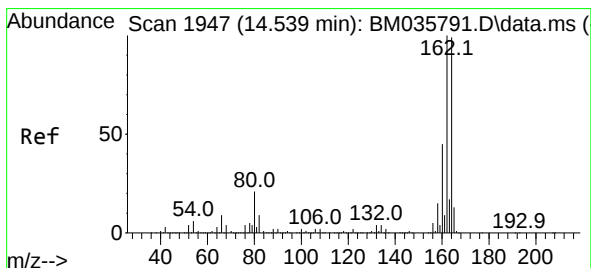
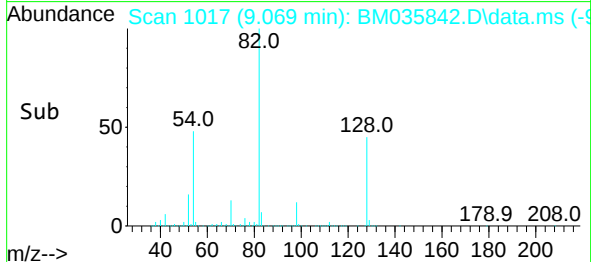
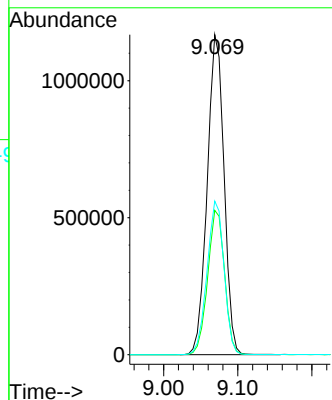
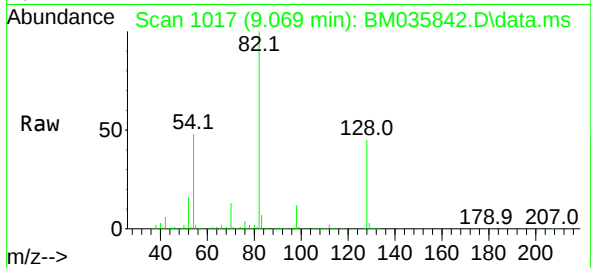




#23
Nitrobenzene-d5
Concen: 70.122 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

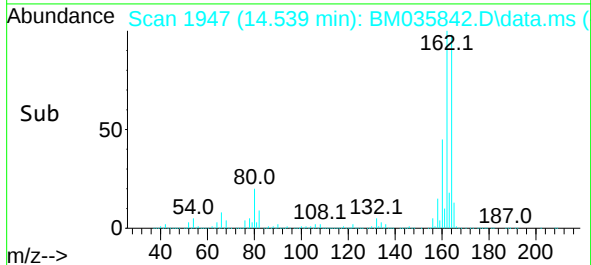
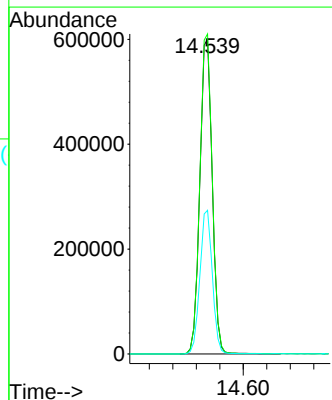
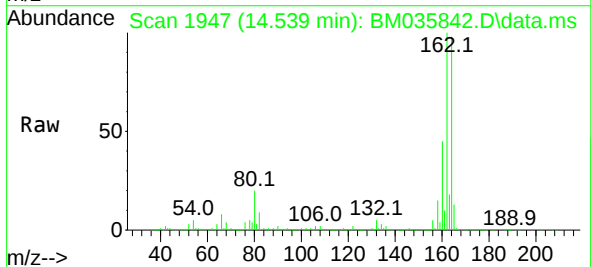
Instrument :
BNA_M
ClientSampleId :
SED-3-(18-24)

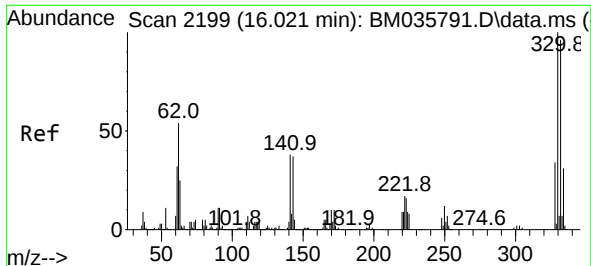
Tgt Ion: 82 Resp: 1840214
Ion Ratio Lower Upper
82 100
128 45.1 33.7 50.5
54 48.0 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035842.D
Acq: 15 Jul 2022 22:28

Tgt Ion: 164 Resp: 880084
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.6
160 45.7 37.0 55.4

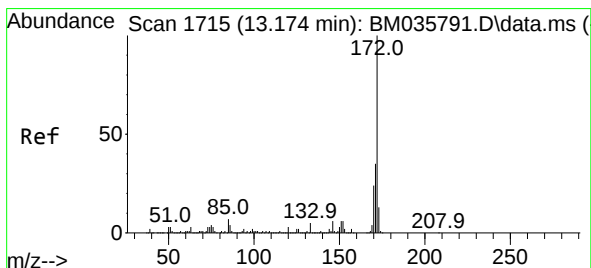
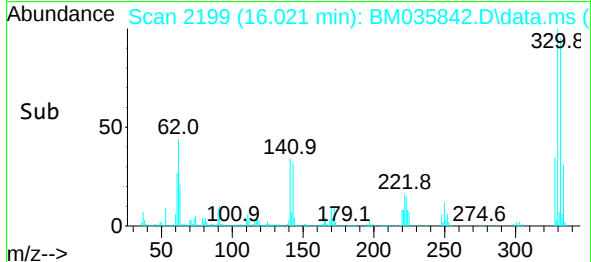
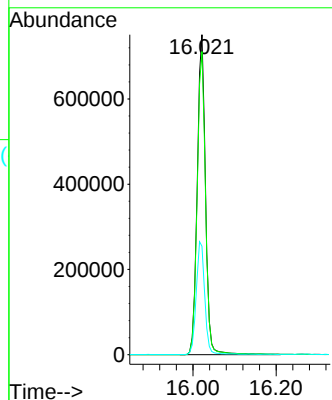
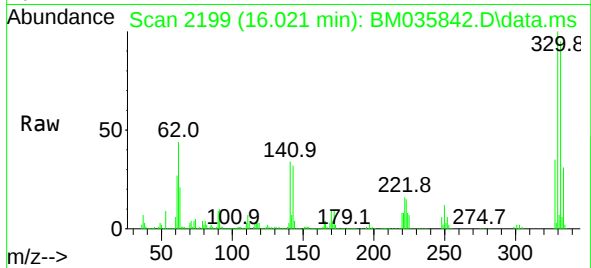




#42
 2,4,6-Tribromophenol
 Concen: 116.167 ng
 RT: 16.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BM035842.D
 Acq: 15 Jul 2022 22:28

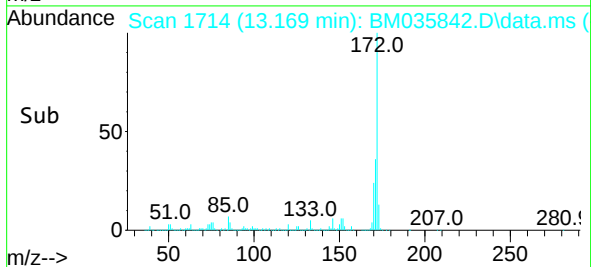
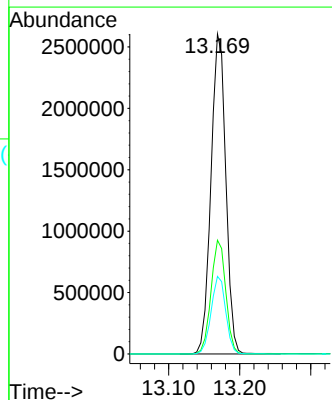
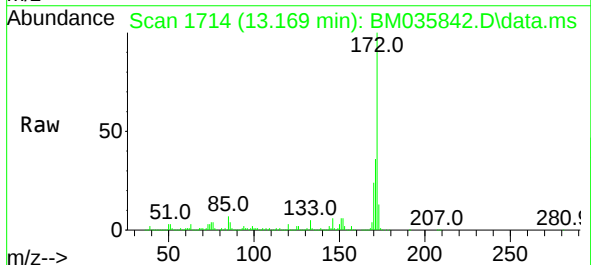
Instrument :
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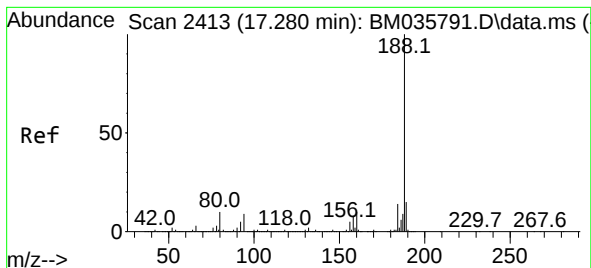
Tgt Ion:330 Resp: 1038226
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.4
 141 36.4 35.3 52.9



#45
 2-Fluorobiphenyl
 Concen: 60.061 ng
 RT: 13.169 min Scan# 1714
 Delta R.T. -0.006 min
 Lab File: BM035842.D
 Acq: 15 Jul 2022 22:28

Tgt Ion:172 Resp: 3790190
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.274 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

Instrument :

BNA_M

ClientSampleId :

SED-3-(18-24)

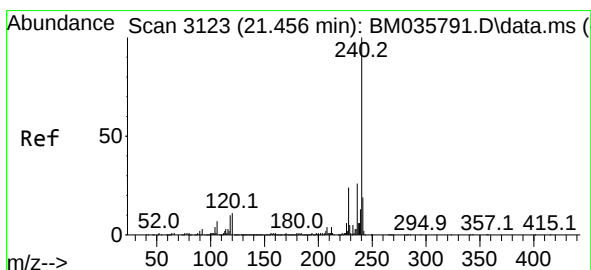
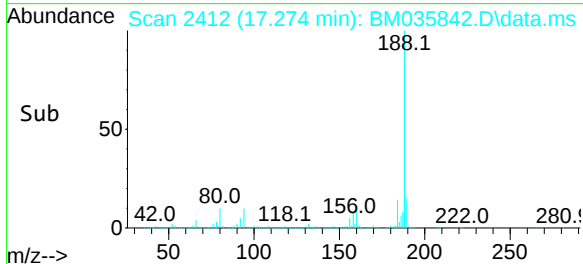
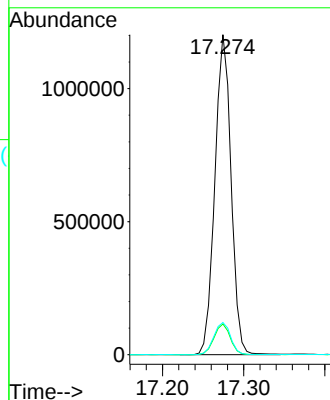
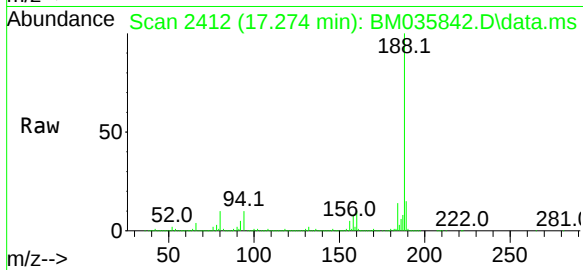
Tgt Ion:188 Resp: 1668277

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3121

Delta R.T. -0.011 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

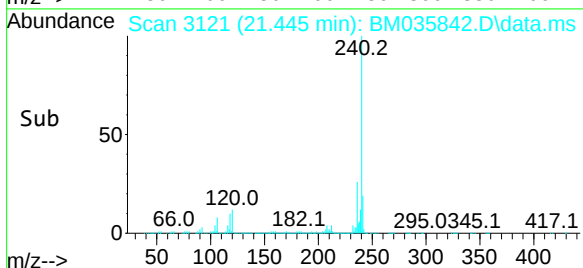
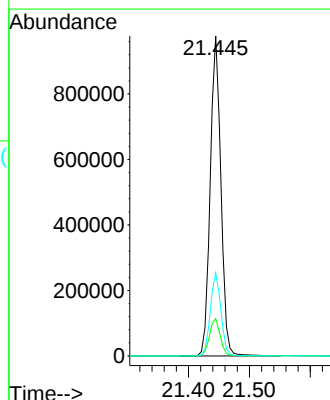
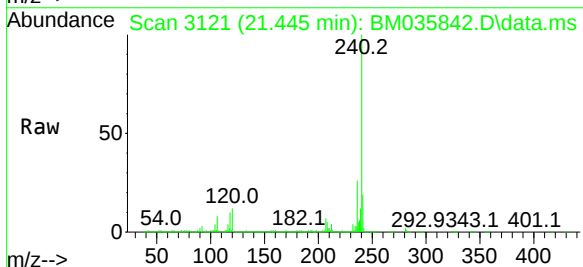
Tgt Ion:240 Resp: 1189512

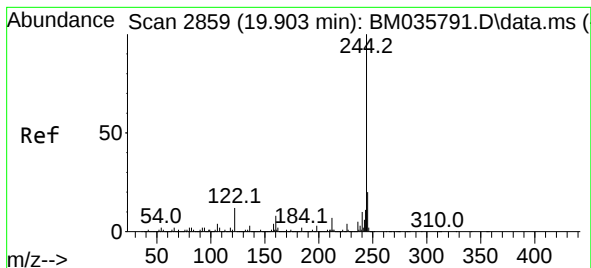
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.0

236 26.0 20.6 30.8





#79

Terphenyl-d14

Concen: 68.568 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

Instrument :

BNA_M

ClientSampleId :

SED-3-(18-24)

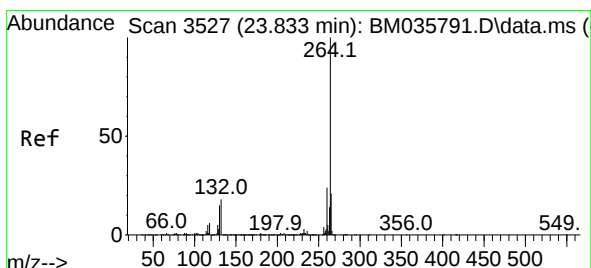
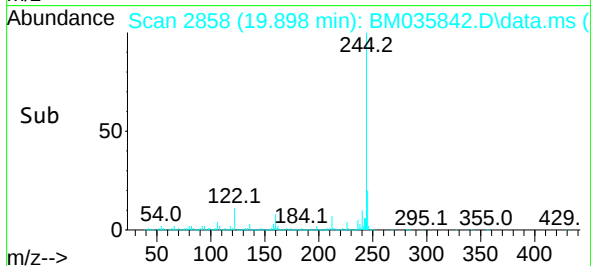
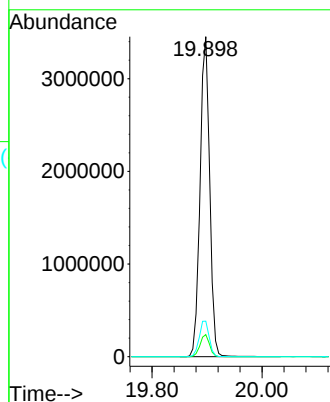
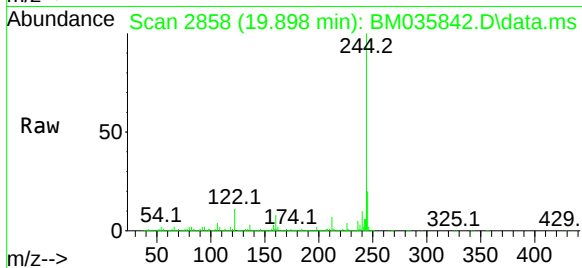
Tgt Ion:244 Resp: 4201678

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 11.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BM035842.D

Acq: 15 Jul 2022 22:28

Tgt Ion:264 Resp: 1106437

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.7 17.5 26.3

