

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035821.D
 Acq On : 14 Jul 2022 20:32
 Operator : CG/JU
 Sample : N3652-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-6-(12-18)

Quant Time: Jul 15 01:11:19 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	7.905	152	287763	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1144321	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	630886	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1209776	20.000	ng	0.00
76) Chrysene-d12	21.451	240	1078195	20.000	ng	0.00
86) Perylene-d12	23.833	264	1086810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	1779772	100.459	ng	0.00
7) Phenol-d6	7.069	99	2204913	99.498	ng	0.00
23) Nitrobenzene-d5	9.069	82	1342089	67.047	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	706973	110.349	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	2670103	59.024	ng	0.00
79) Terphenyl-d14	19.904	244	3277098	59.001	ng	0.00

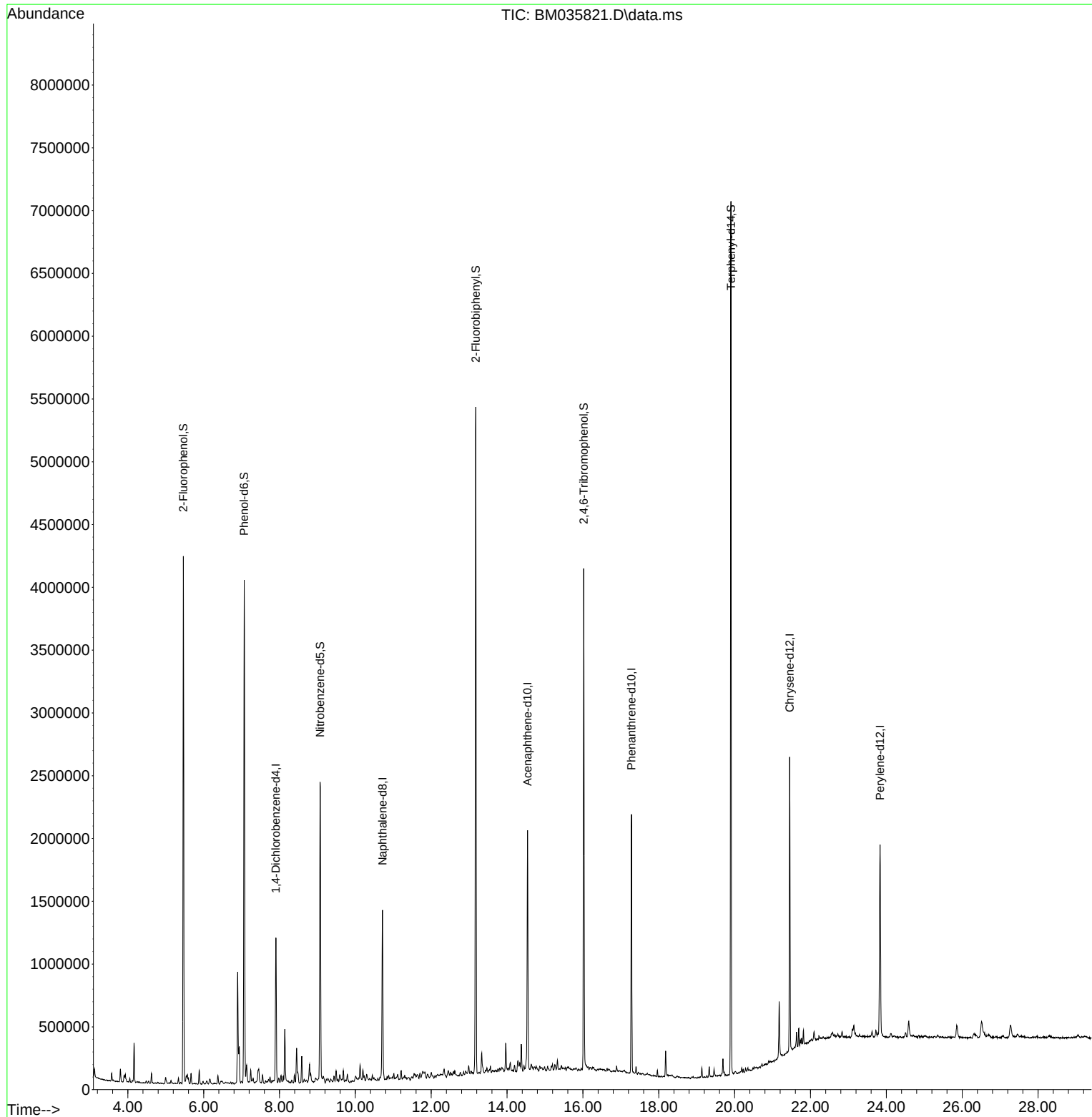
Target Compounds	Qvalue

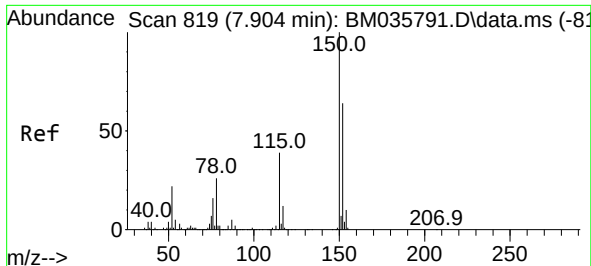
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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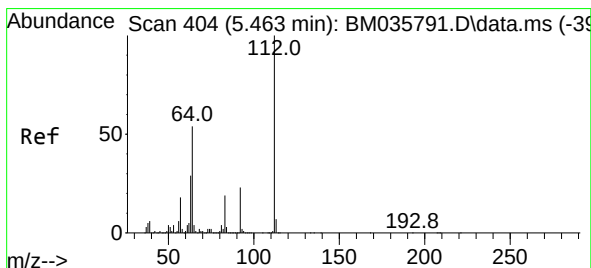
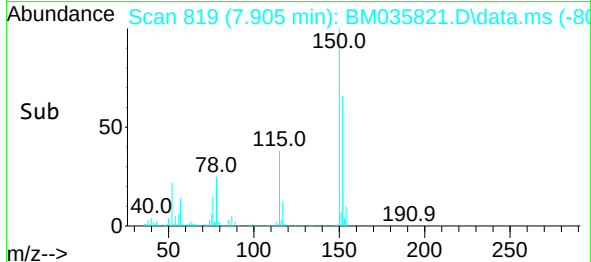
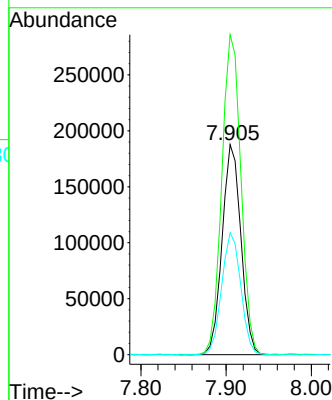
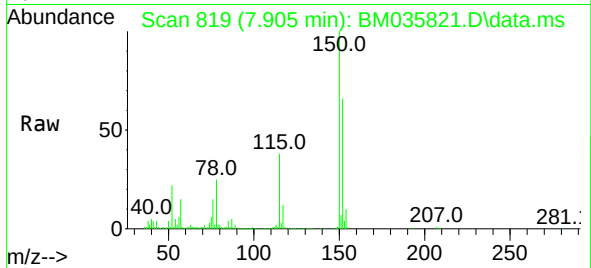




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. 0.001 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

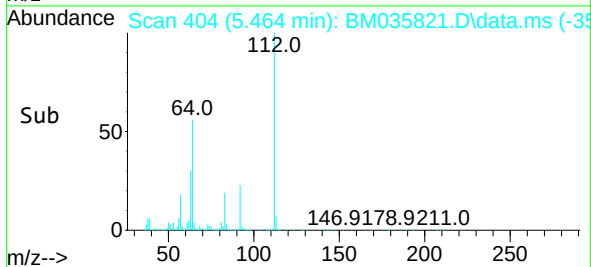
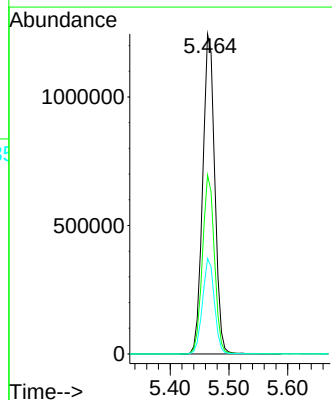
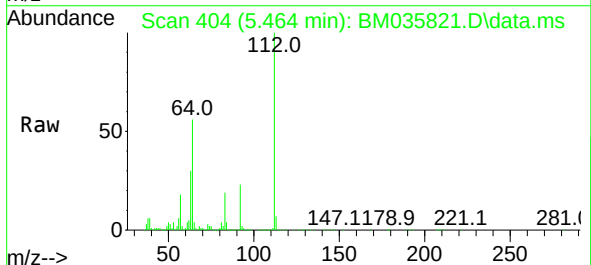
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

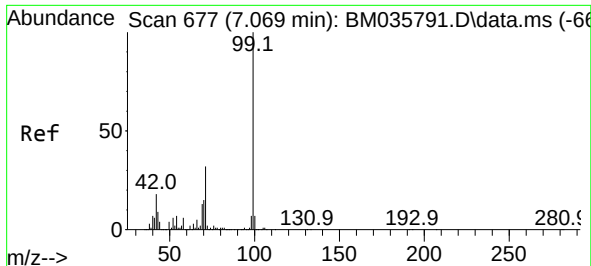
Tgt Ion:152 Resp: 287763
Ion Ratio Lower Upper
152 100
150 152.3 124.9 187.3
115 58.1 47.9 71.9



#5
2-Fluorophenol
Concen: 100.459 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:112 Resp: 1779772
Ion Ratio Lower Upper
112 100
64 56.0 47.8 71.6
63 29.9 26.6 40.0

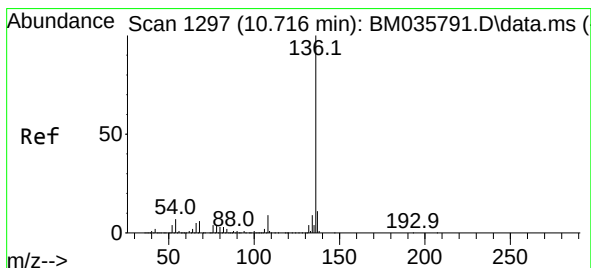
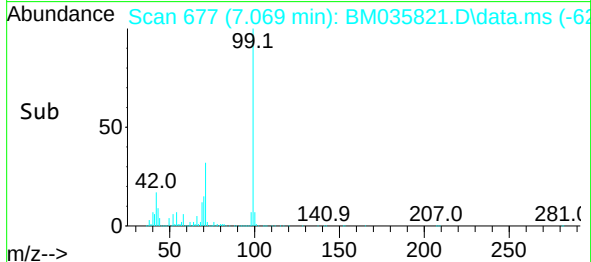
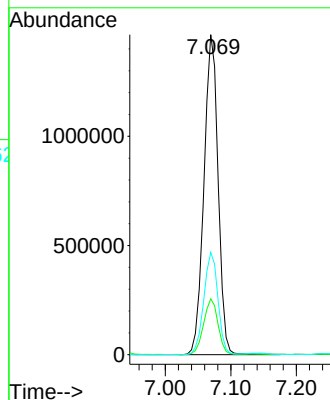
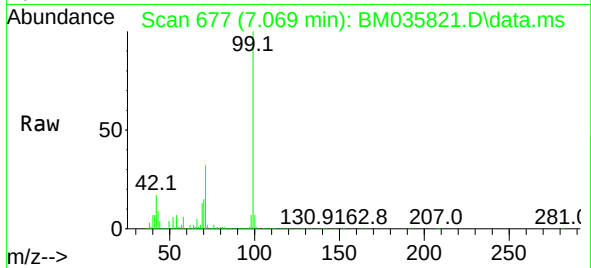




#7
Phenol-d6
Concen: 99.498 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

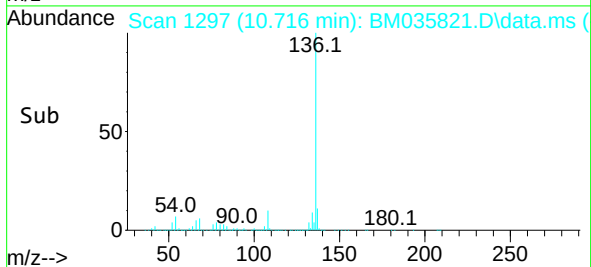
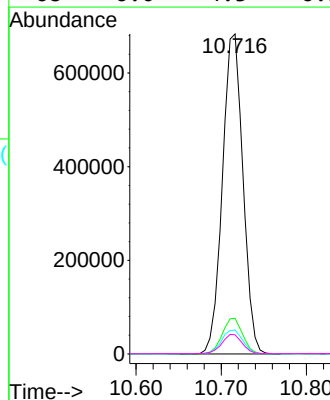
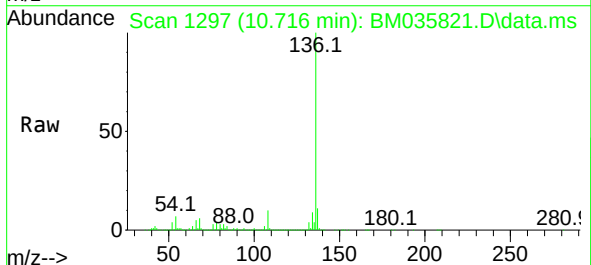
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

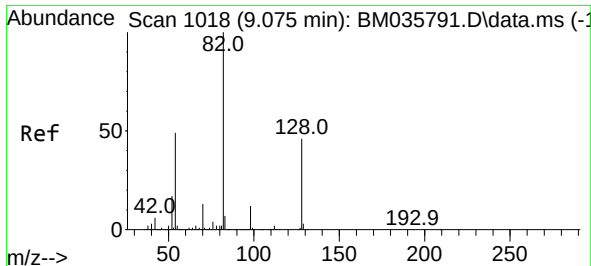
Tgt Ion: 99 Resp: 2204913
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 31.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion: 136 Resp: 1144321
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 7.0 10.4
68 6.0 4.3 6.5

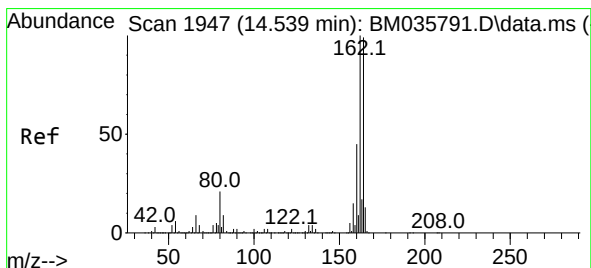
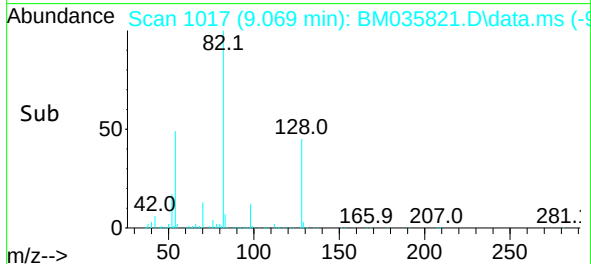
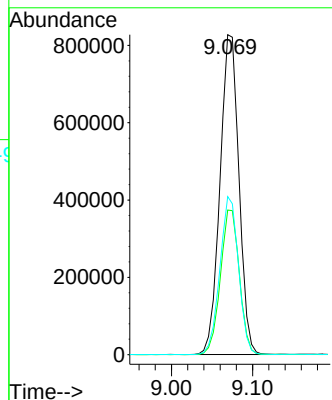
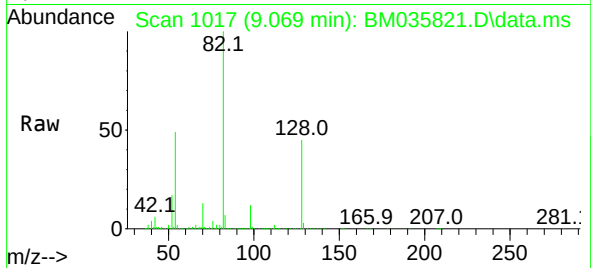




#23
Nitrobenzene-d5
Concen: 67.047 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.005 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

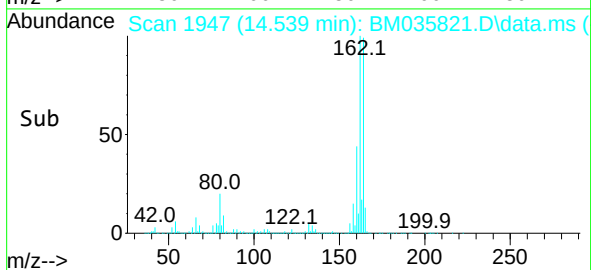
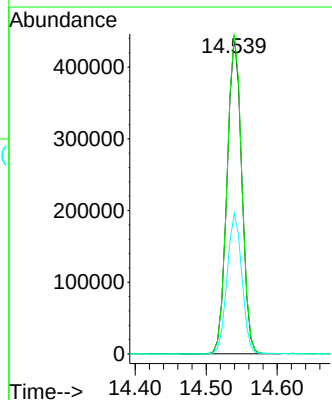
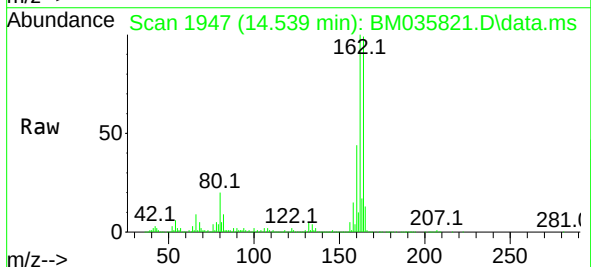
Instrument :
BNA_M
ClientSampleId :
SED-6-(12-18)

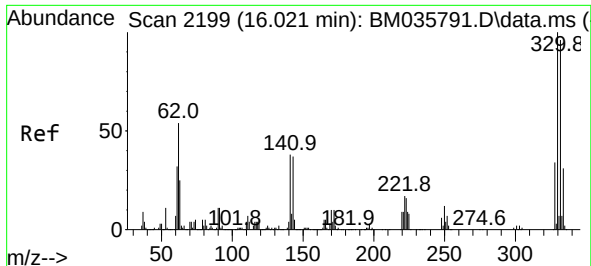
Tgt Ion: 82 Resp: 1342089
Ion Ratio Lower Upper
82 100
128 45.2 33.7 50.5
54 49.4 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:164 Resp: 630886
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.6
160 44.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 110.349 ng

RT: 16.022 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035821.D

Acq: 14 Jul 2022 20:32

Instrument :

BNA_M

ClientSampleId :

SED-6-(12-18)

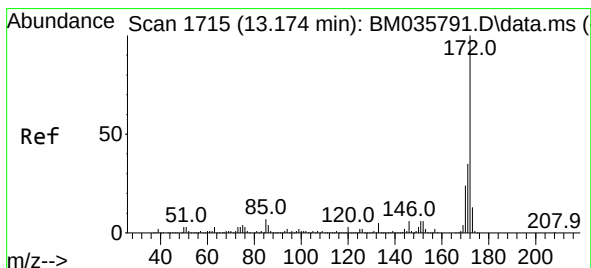
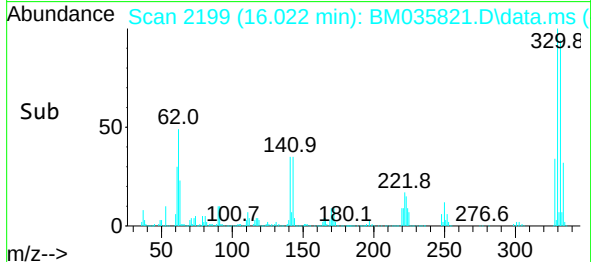
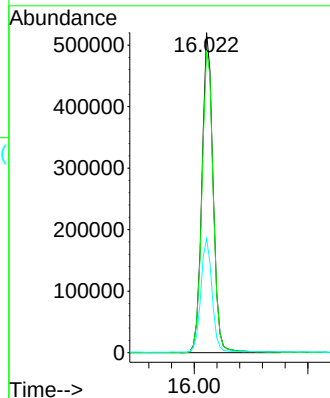
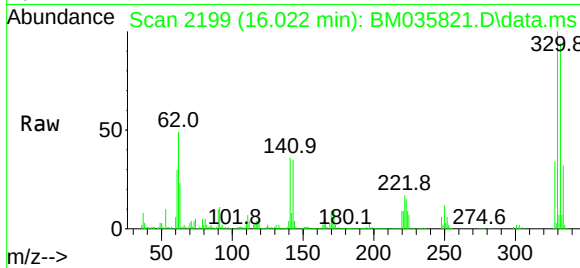
Tgt Ion:330 Resp: 706973

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 35.6 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 59.024 ng

RT: 13.175 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BM035821.D

Acq: 14 Jul 2022 20:32

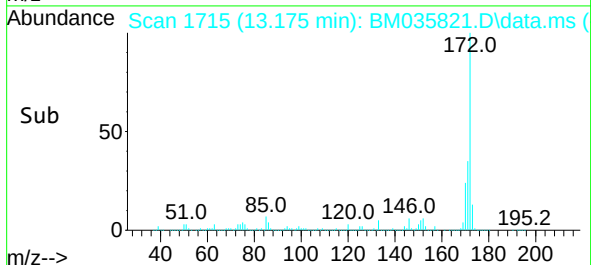
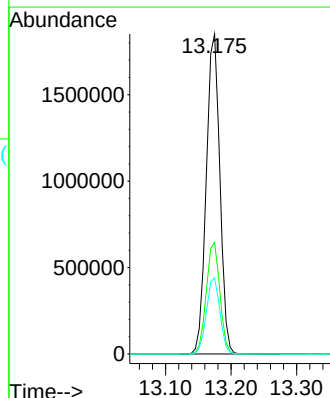
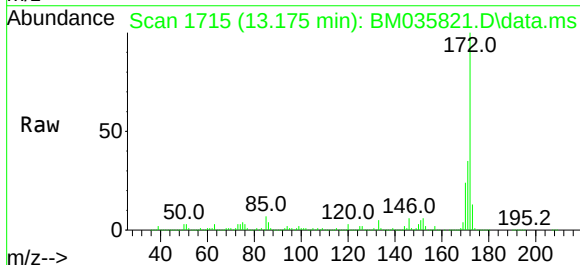
Tgt Ion:172 Resp: 2670103

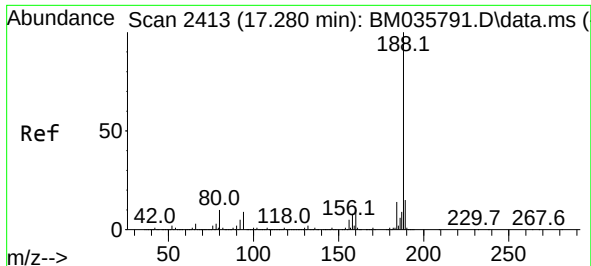
Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 23.8 18.7 28.1

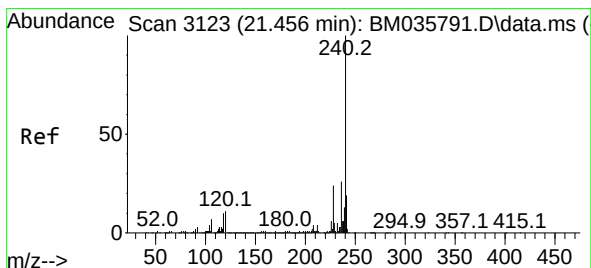
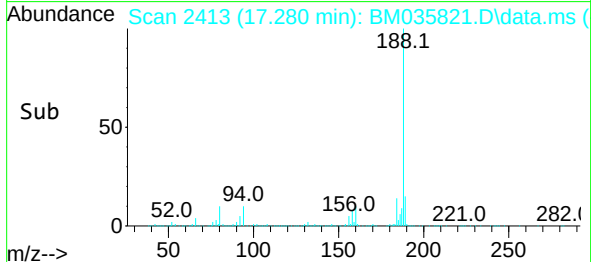
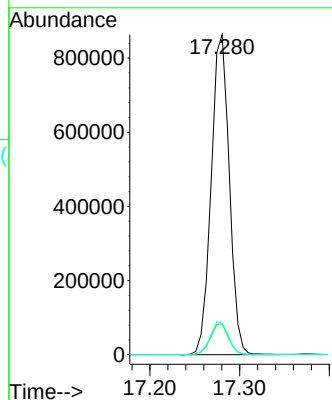
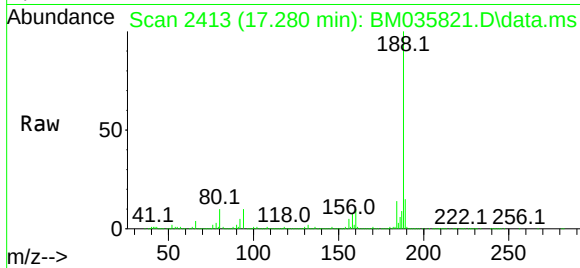




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

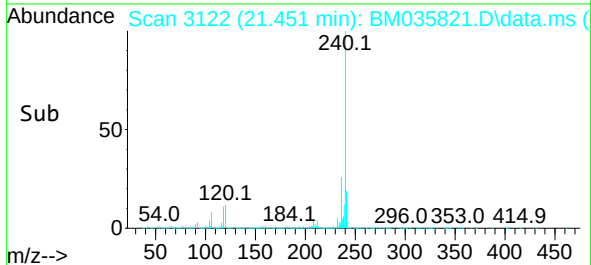
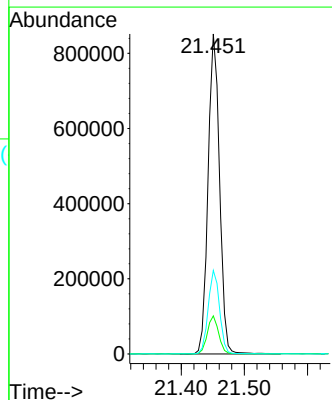
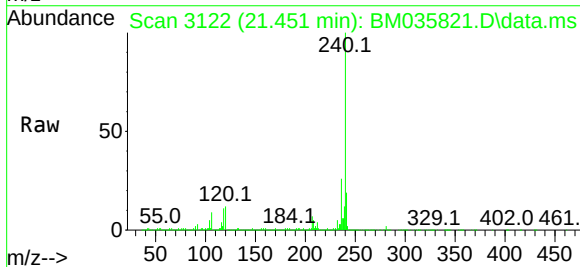
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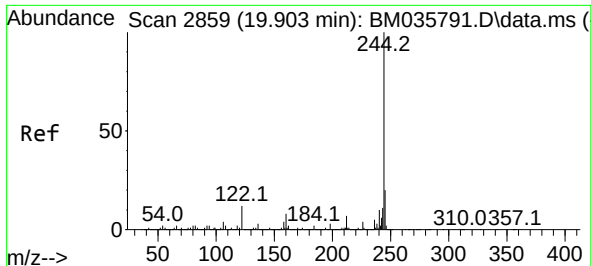
Tgt Ion:188 Resp: 1209776
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 9.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BM035821.D
Acq: 14 Jul 2022 20:32

Tgt Ion:240 Resp: 1078195
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.0
236 26.1 20.6 30.8

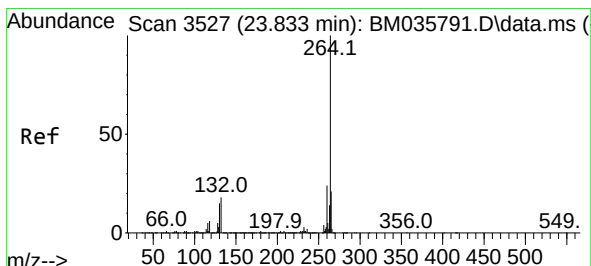
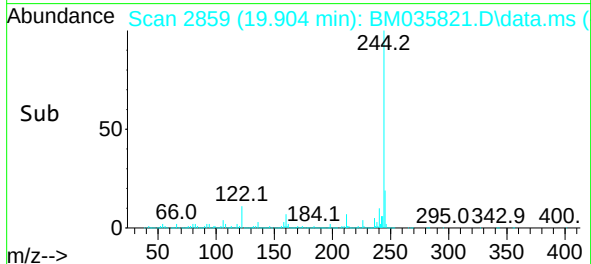
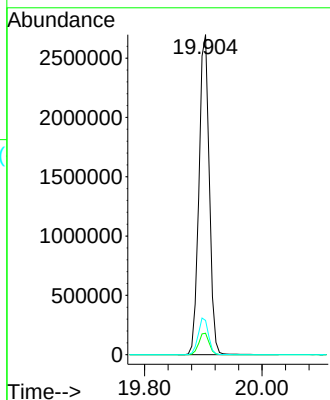
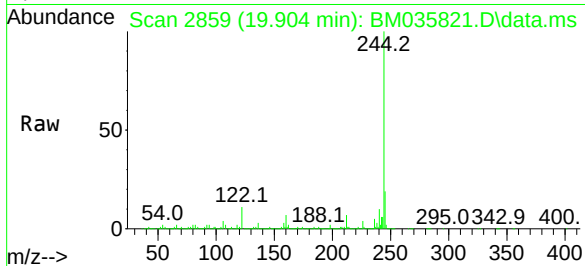




#79
 Terphenyl-d14
 Concen: 59.001 ng
 RT: 19.904 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM035821.D
 Acq: 14 Jul 2022 20:32

Instrument :
 BNA_M
 ClientSampleId :
 SED-6-(12-18)

Tgt Ion:244 Resp: 3277098
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.4
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 3527
 Delta R.T. -0.000 min
 Lab File: BM035821.D
 Acq: 14 Jul 2022 20:32

Tgt Ion:264 Resp: 1086810
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.2 17.5 26.3

