

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035834.D
 Acq On : 15 Jul 2022 17:36
 Operator : CG/JU
 Sample : N3726-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HL-12-12.5

Quant Time: Jul 15 23:47:29 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	332381	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1392659	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	795645	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1456368	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1027215	20.000	ng	0.00
86) Perylene-d12	23.827	264	902463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2405670	117.560	ng	0.00
7) Phenol-d6	7.069	99	3010841	117.628	ng	0.00
23) Nitrobenzene-d5	9.069	82	1802254	73.981	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	953073	117.957	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	3786236	66.365	ng	0.00
79) Terphenyl-d14	19.898	244	4132554	78.095	ng	0.00

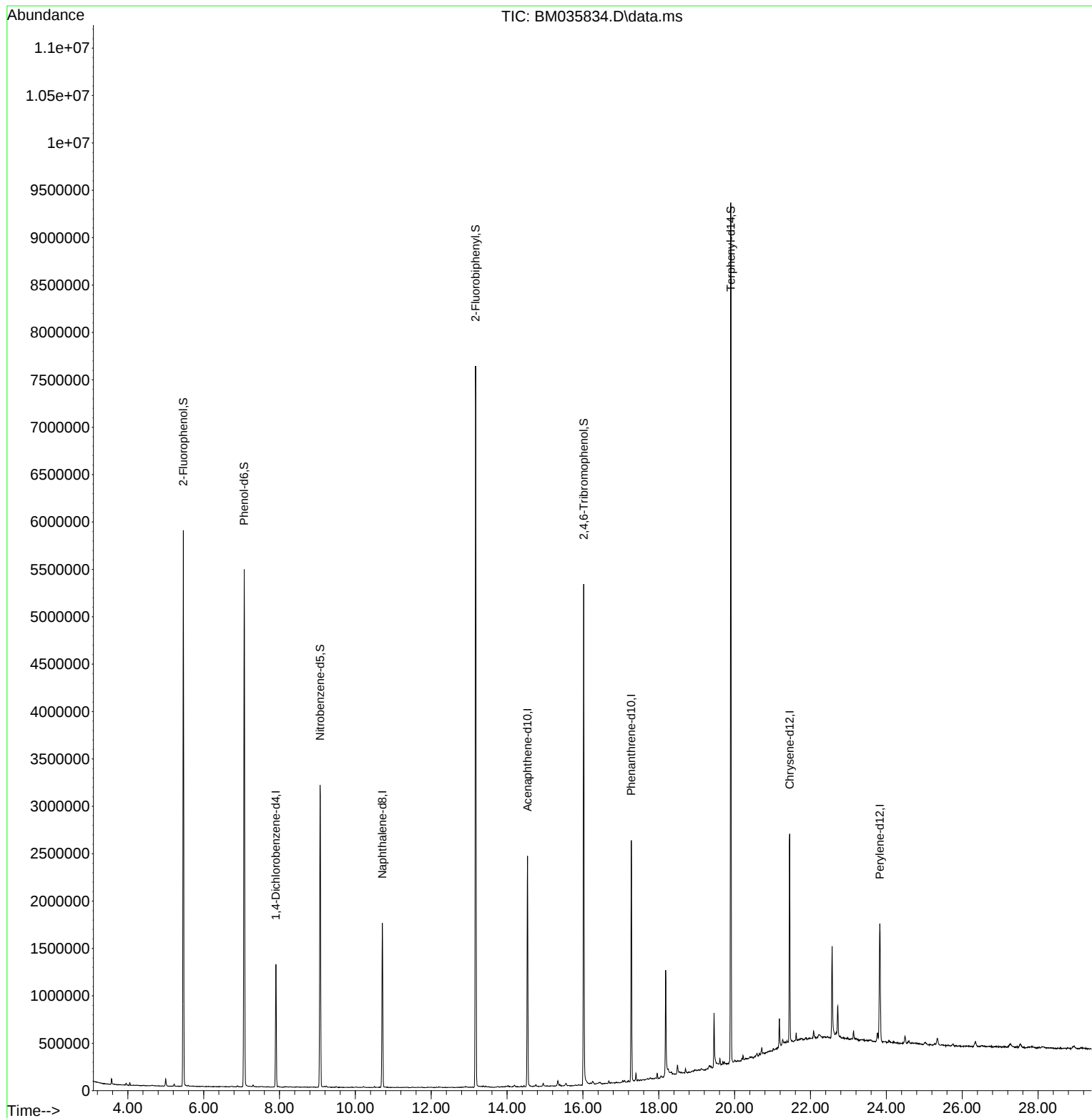
Target Compounds	Qvalue

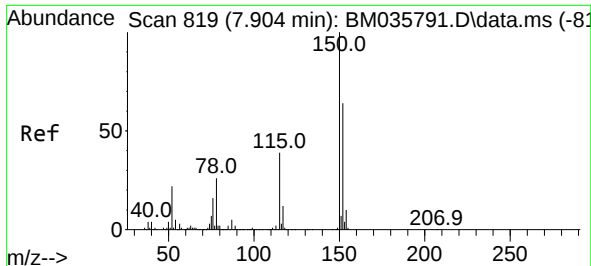
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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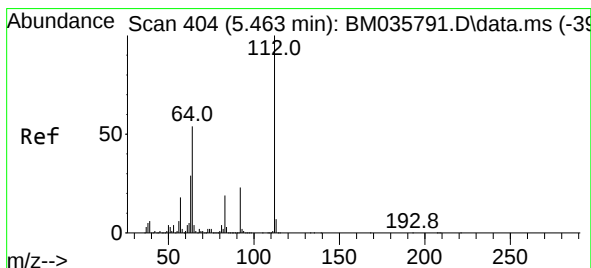
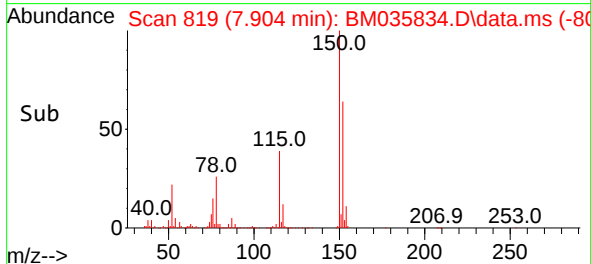
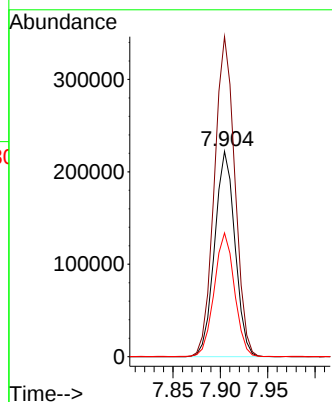
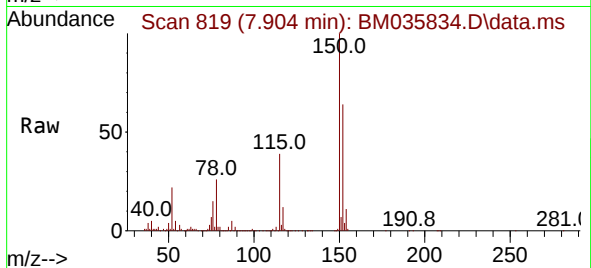




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

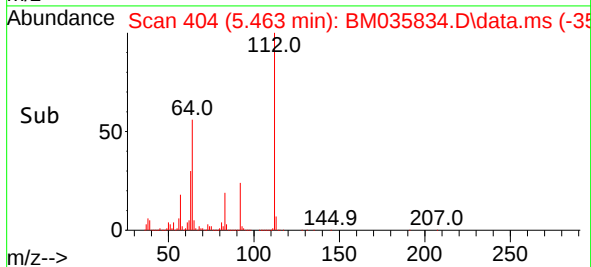
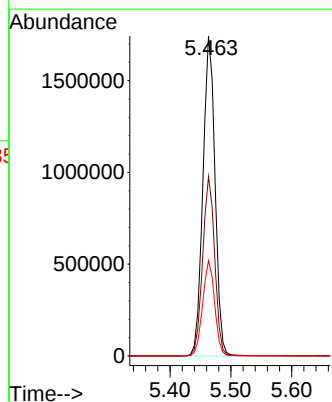
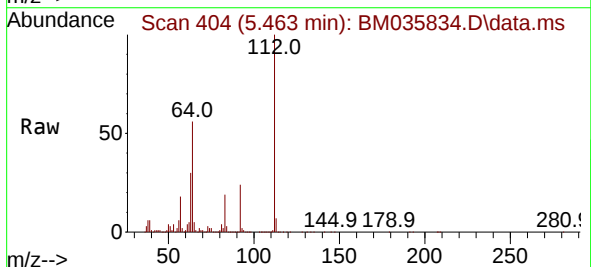
Instrument :
 BNA_M
 ClientSampleId :
 HL-12-12.5

Tgt Ion:152 Resp: 332381
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 60.3 47.9 71.9



#5
 2-Fluorophenol
 Concen: 117.560 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

Tgt Ion:112 Resp: 2405670
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.8 71.6
 63 29.8 26.6 40.0

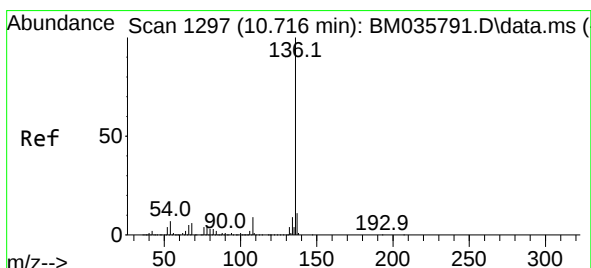
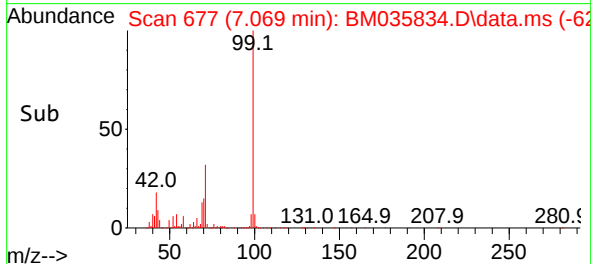
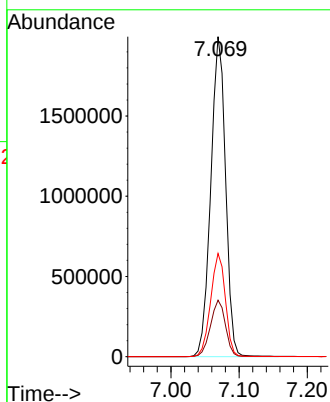
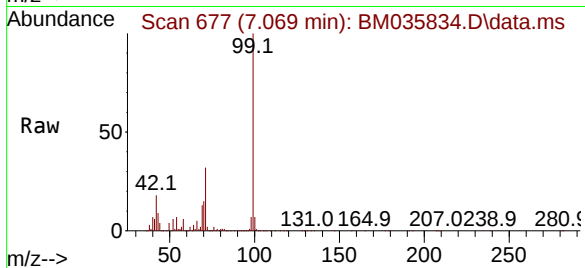




#7
Phenol-d6
Concen: 117.628 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

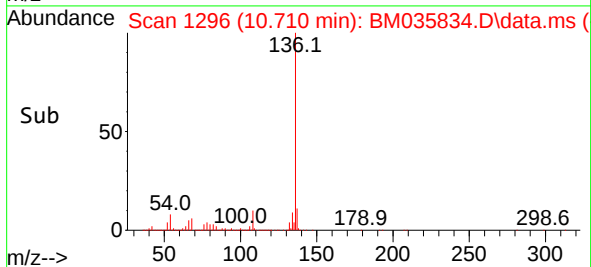
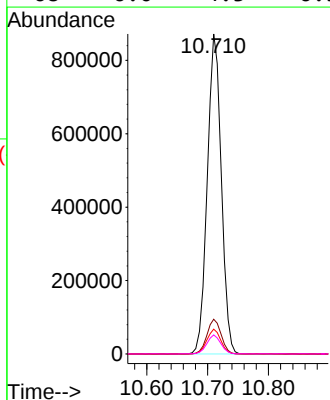
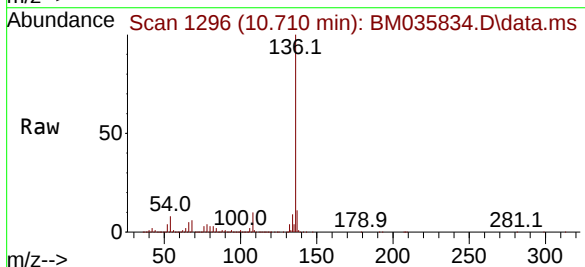
Instrument :
BNA_M
ClientSampleId :
HL-12-12.5

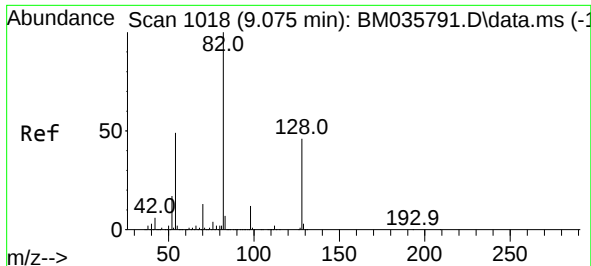
Tgt Ion: 99 Resp: 3010841
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:136 Resp: 1392659
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.8 7.0 10.4
68 6.0 4.3 6.5

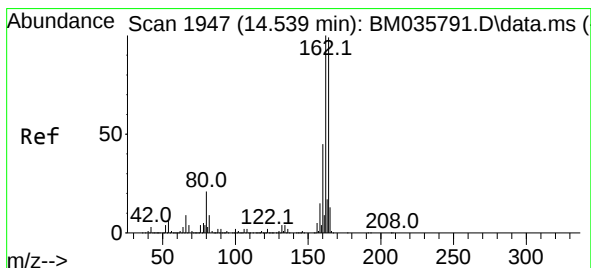
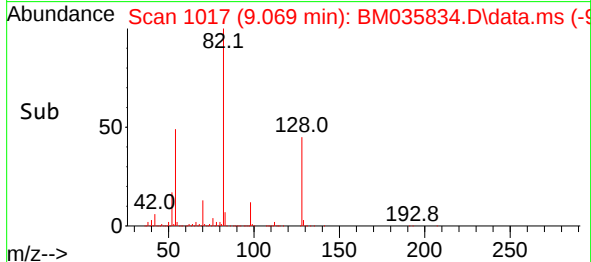
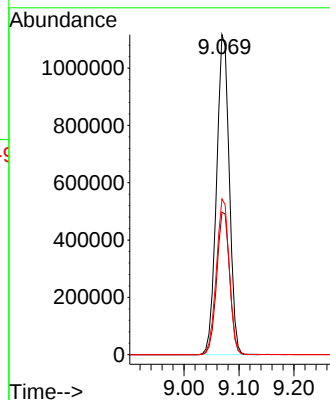
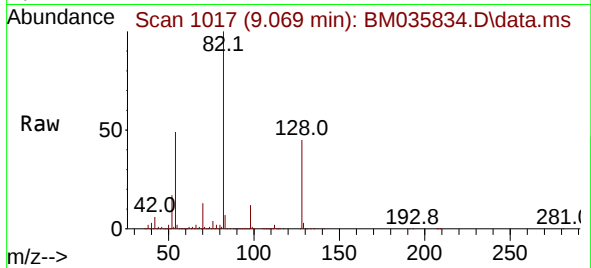




#23
Nitrobenzene-d5
Concen: 73.981 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

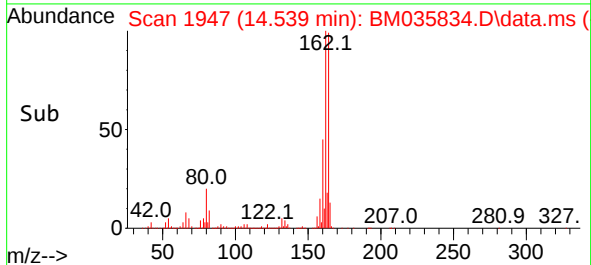
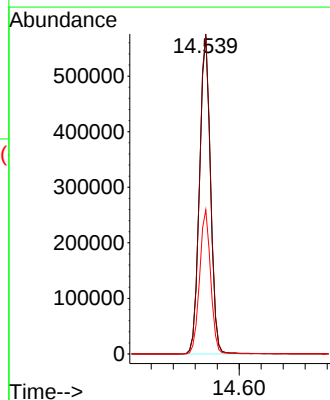
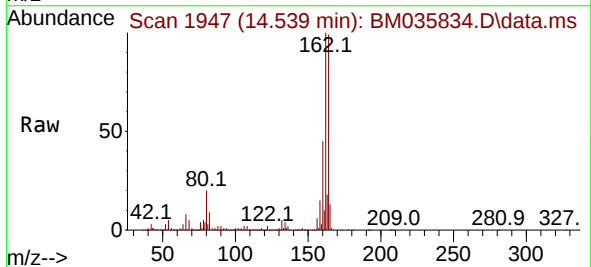
Instrument :
BNA_M
ClientSampleId :
HL-12-12.5

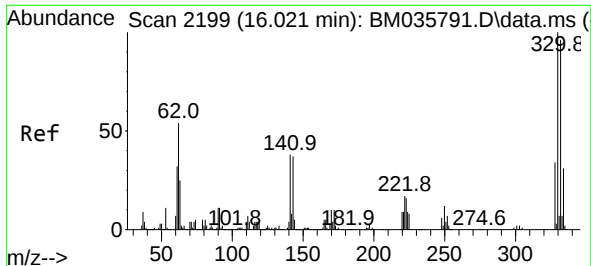
Tgt Ion: 82 Resp: 1802254
Ion Ratio Lower Upper
82 100
128 44.5 33.7 50.5
54 48.6 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:164 Resp: 795645
Ion Ratio Lower Upper
164 100
162 100.8 83.0 124.6
160 45.4 37.0 55.4

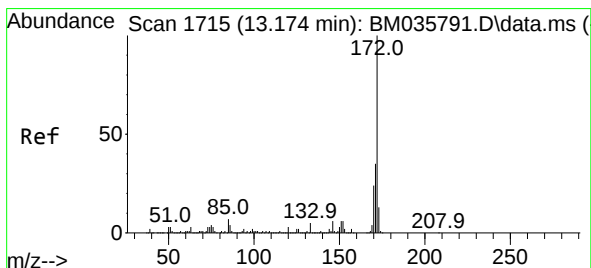
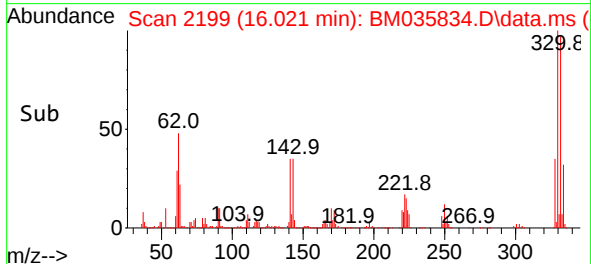
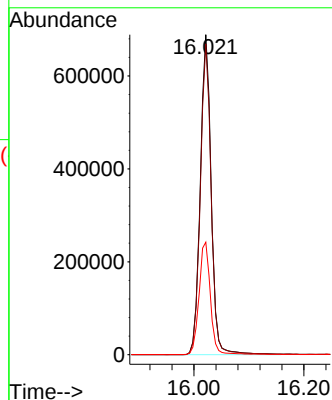
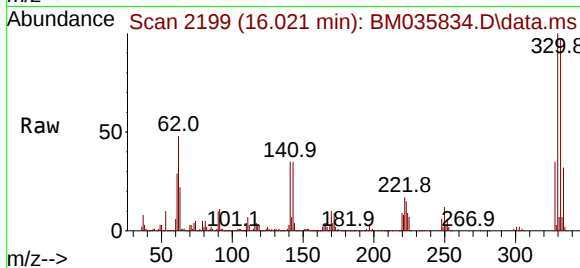




#42
2,4,6-Tribromophenol
Concen: 117.957 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

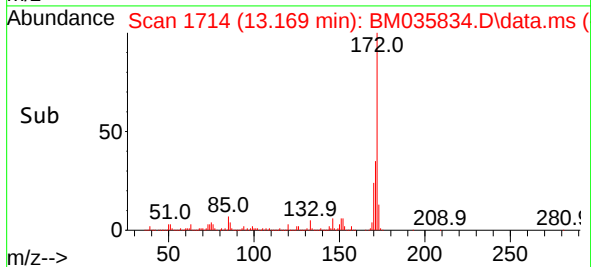
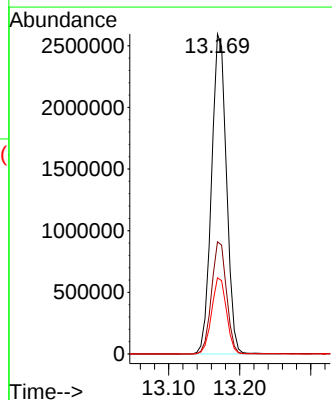
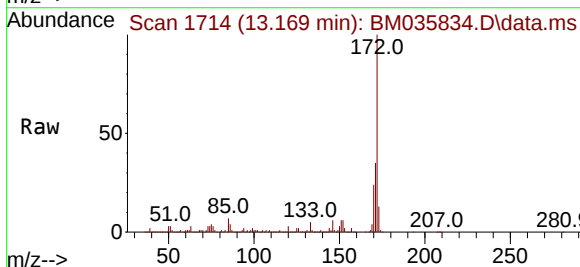
Instrument :
BNA_M
ClientSampleId :
HL-12-12.5

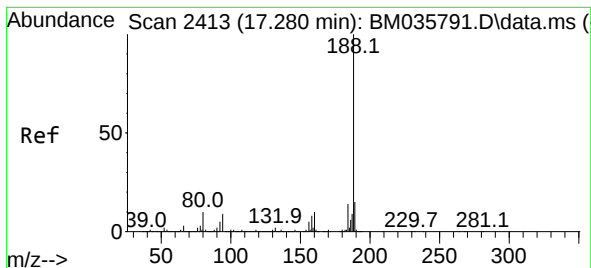
Tgt Ion:330 Resp: 953073
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 36.6 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 66.365 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM035834.D
Acq: 15 Jul 2022 17:36

Tgt Ion:172 Resp: 3786236
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.274 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BM035834.D

Acq: 15 Jul 2022 17:36

Instrument :

BNA_M

ClientSampleId :

HL-12-12.5

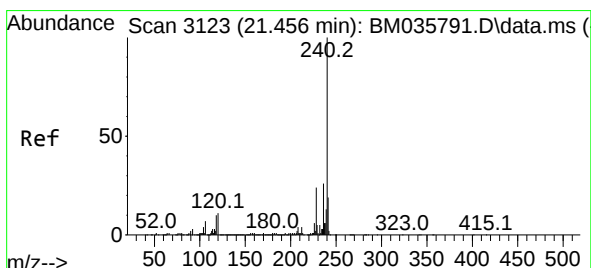
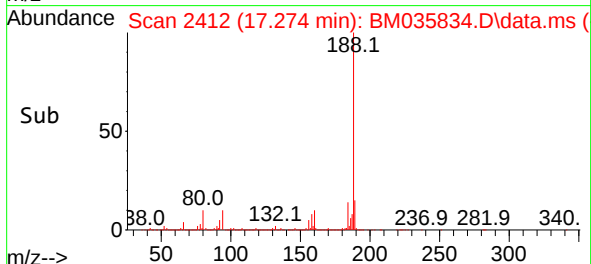
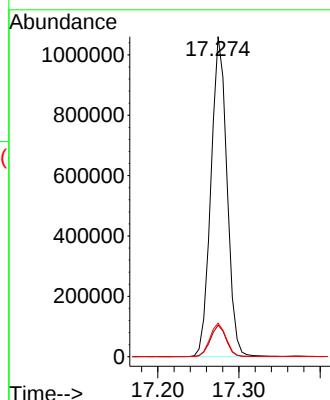
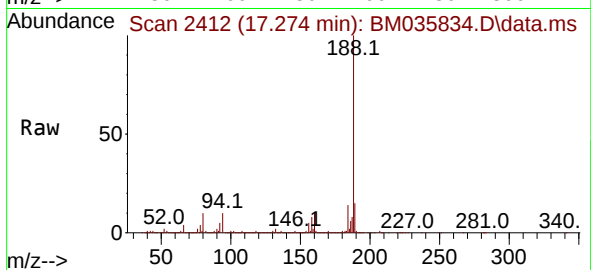
Tgt Ion:188 Resp: 1456368

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM035834.D

Acq: 15 Jul 2022 17:36

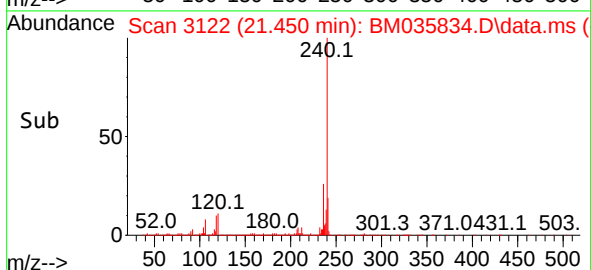
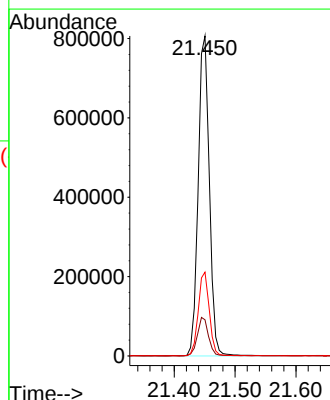
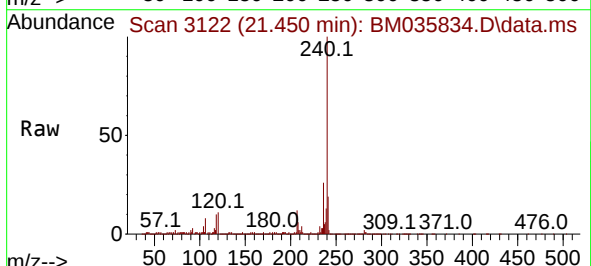
Tgt Ion:240 Resp: 1027215

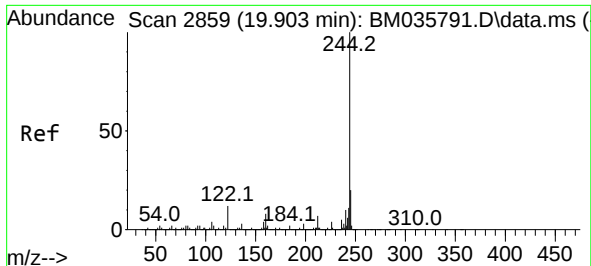
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

236 26.2 20.6 30.8

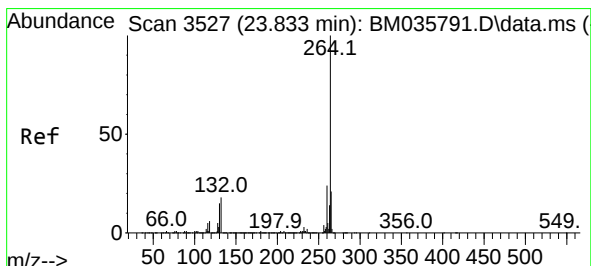
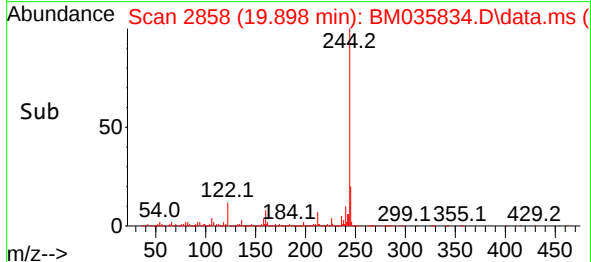
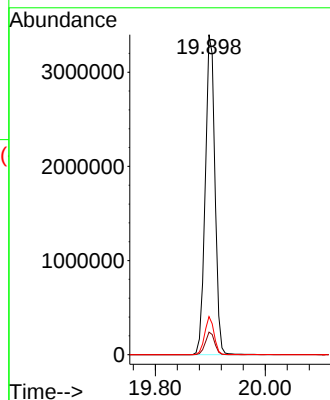
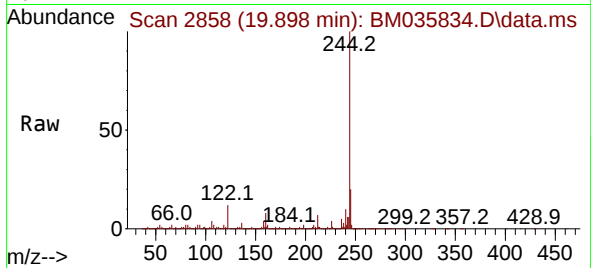




#79
 Terphenyl-d14
 Concen: 78.095 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

Instrument :
 BNA_M
 ClientSampleId :
 HL-12-12.5

Tgt Ion:244 Resp: 4132554
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.827 min Scan# 3526
 Delta R.T. -0.006 min
 Lab File: BM035834.D
 Acq: 15 Jul 2022 17:36

Tgt Ion:264 Resp: 902463
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.1 17.5 26.3

