

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035799.D
 Acq On : 13 Jul 2022 18:11
 Operator : CG/JU
 Sample : N3641-01RE 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-070822RE

Quant Time: Jul 14 01:47:59 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)

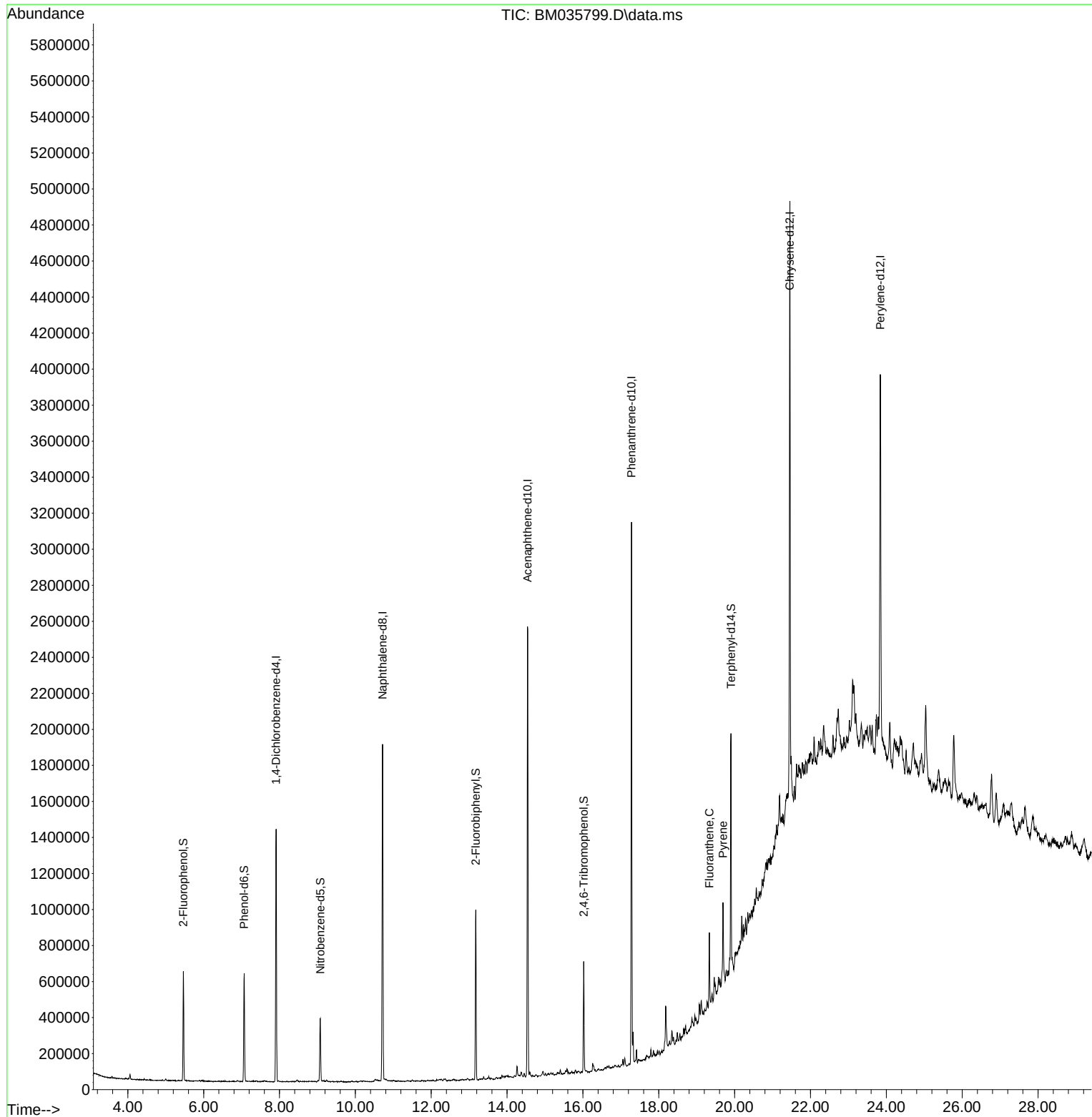
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	373758	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1527160	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	873349	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1695816	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1442163	20.000	ng	0.00
86) Perylene-d12	23.838	264	1487211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	267953	11.645	ng	0.00
7) Phenol-d6	7.069	99	331951	11.533	ng	0.00
23) Nitrobenzene-d5	9.075	82	195028	7.301	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	109366	12.331	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	472774	7.550	ng	0.00
79) Terphenyl-d14	19.903	244	631720	8.503	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.333	202	220118	2.209	ng	97
78) Pyrene	19.692	202	229453	2.534	ng	97

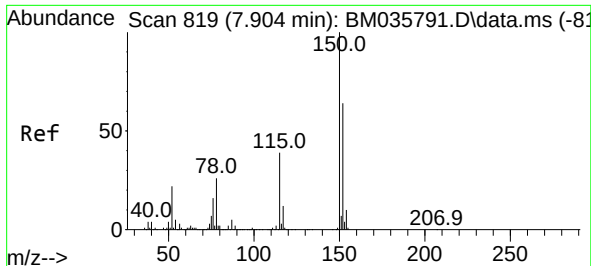
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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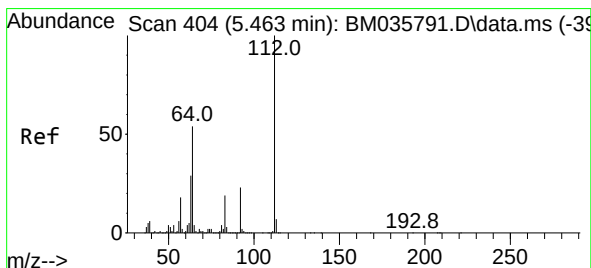
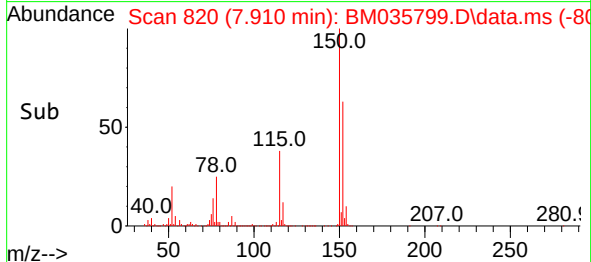
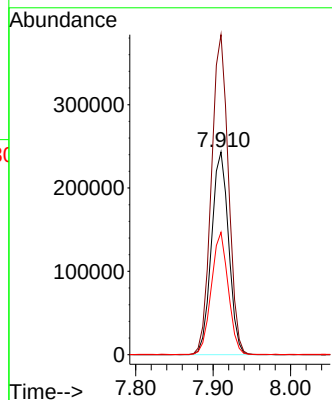
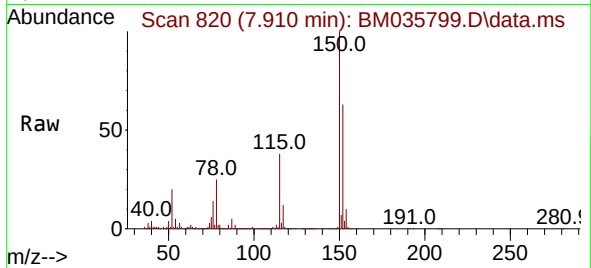




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

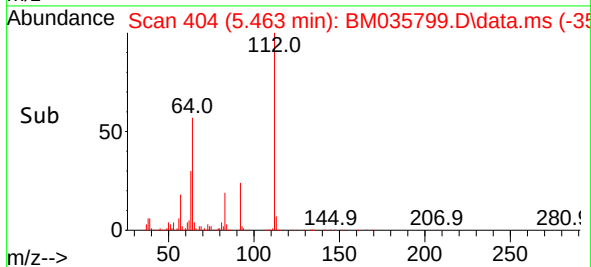
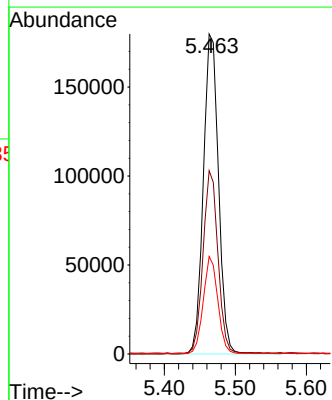
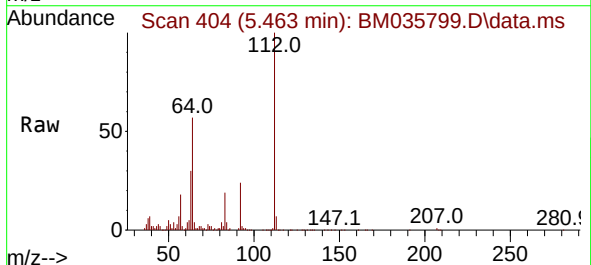
Instrument :
BNA_M
ClientSampleId :
CL-01-070822RE

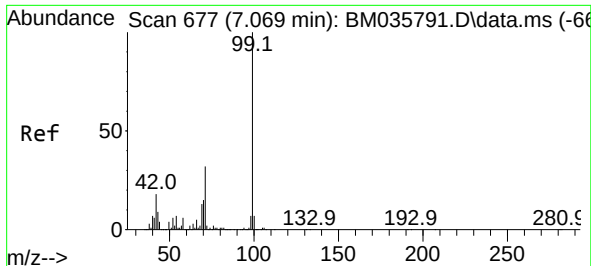
Tgt Ion:152 Resp: 373758
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 60.4 47.9 71.9



#5
2-Fluorophenol
Concen: 11.645 ng
RT: 5.463 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

Tgt Ion:112 Resp: 267953
Ion Ratio Lower Upper
112 100
64 57.3 47.8 71.6
63 30.4 26.6 40.0

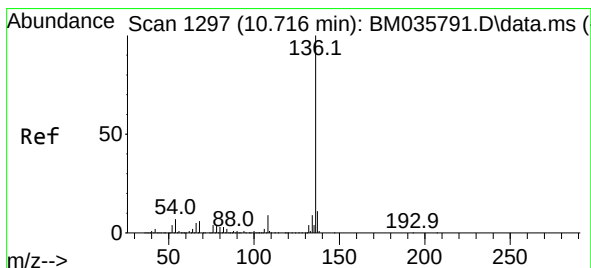
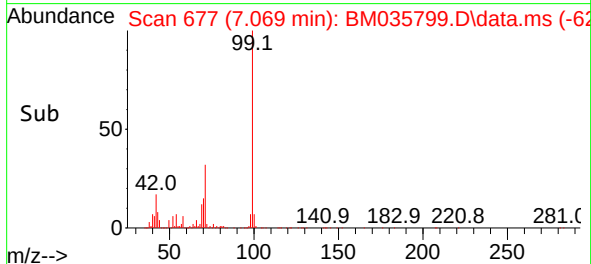
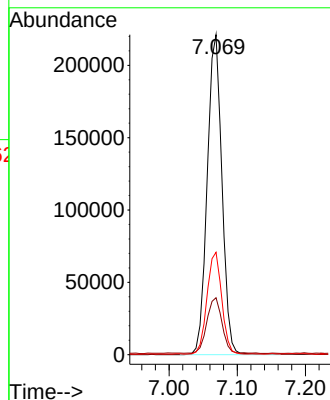
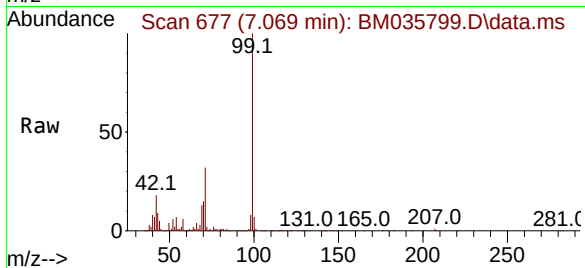




#7
Phenol-d6
Concen: 11.533 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

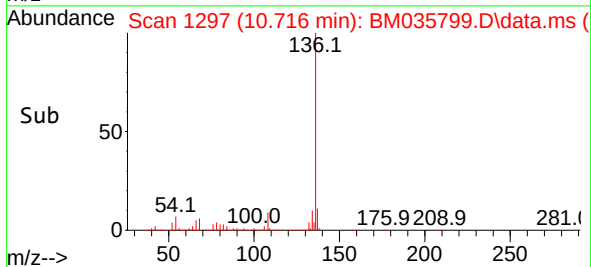
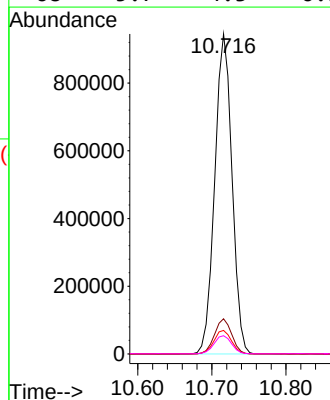
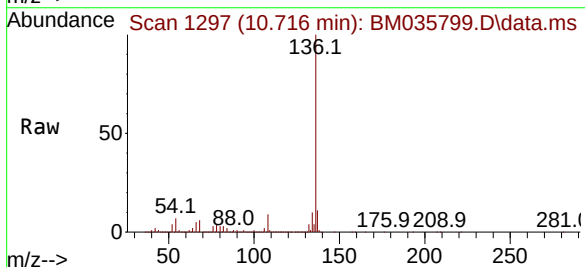
Instrument :
BNA_M
ClientSampleId :
CL-01-070822RE

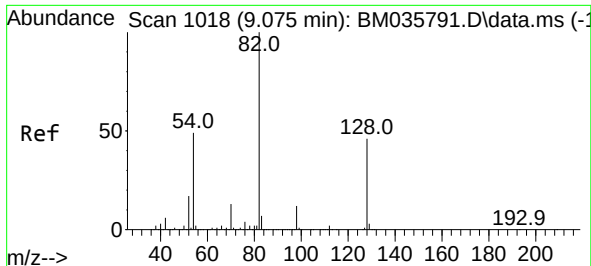
Tgt Ion: 99 Resp: 331951
Ion Ratio Lower Upper
99 100
42 17.8 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

Tgt Ion: 136 Resp: 1527160
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 7.0 10.4
68 5.7 4.3 6.5

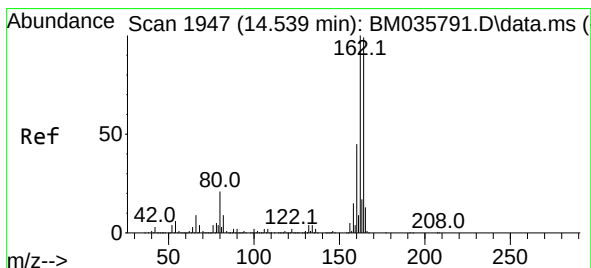
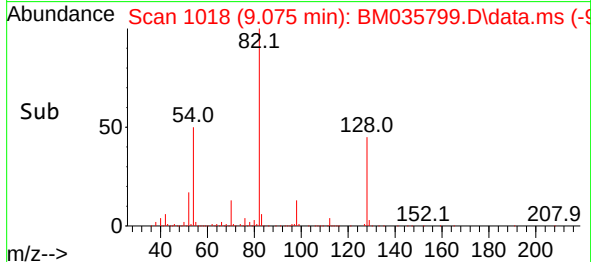
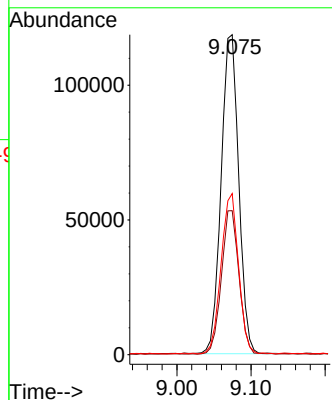
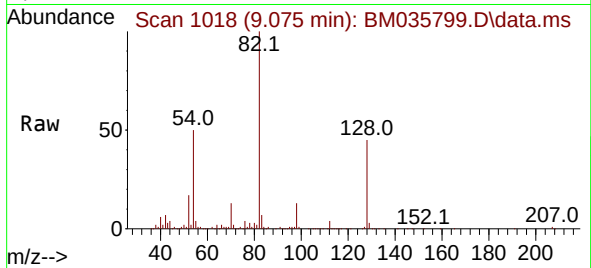




#23
Nitrobenzene-d5
Concen: 7.301 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

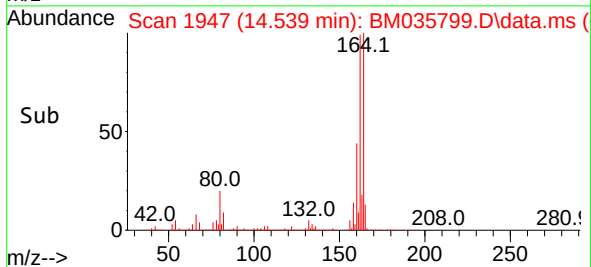
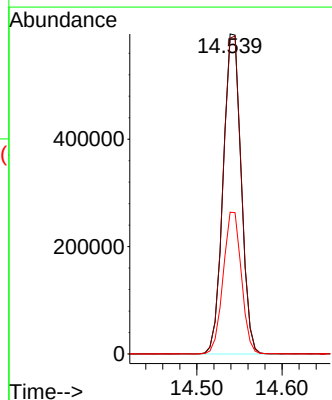
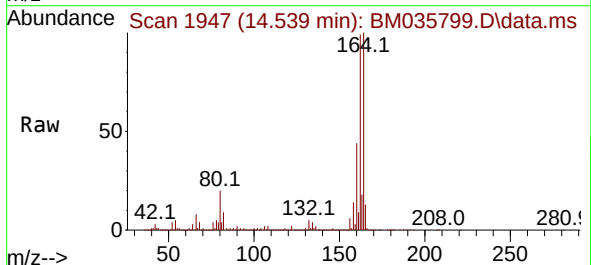
Instrument :
BNA_M
ClientSampleId :
CL-01-070822RE

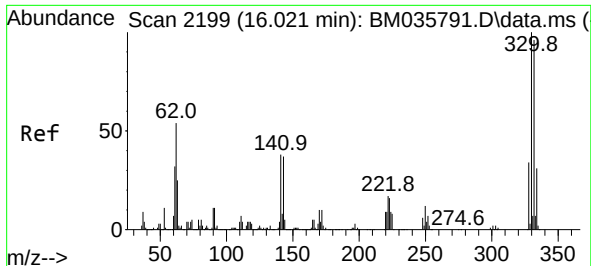
Tgt Ion: 82 Resp: 195028
Ion Ratio Lower Upper
82 100
128 45.0 33.7 50.5
54 50.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

Tgt Ion:164 Resp: 873349
Ion Ratio Lower Upper
164 100
162 98.7 83.0 124.6
160 44.3 37.0 55.4

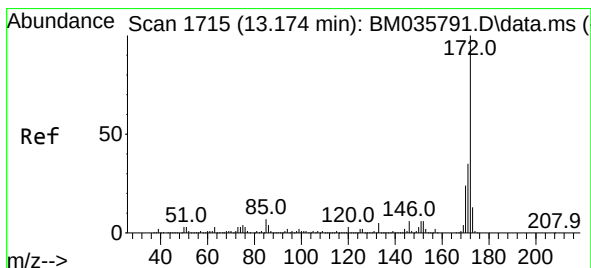
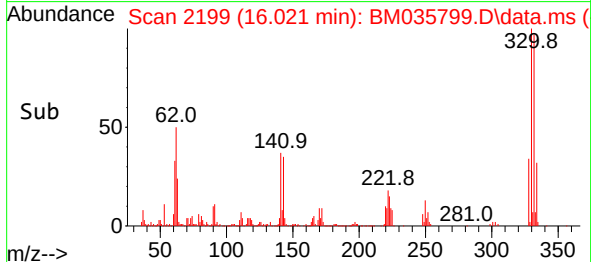
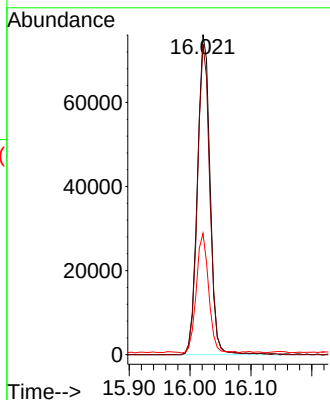
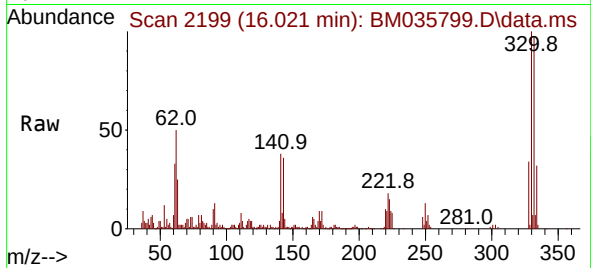




#42
2,4,6-Tribromophenol
Concen: 12.331 ng
RT: 16.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

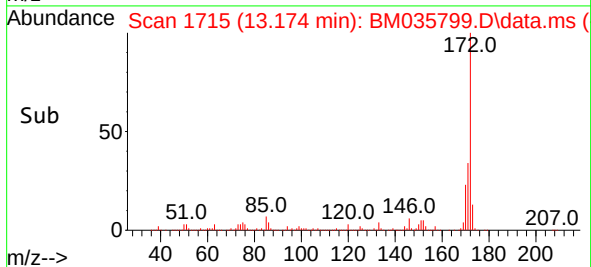
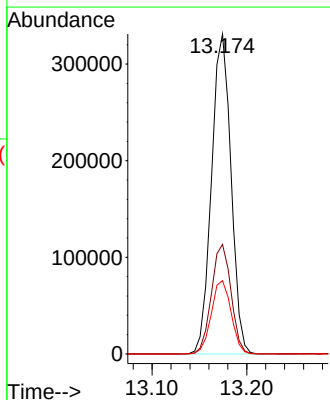
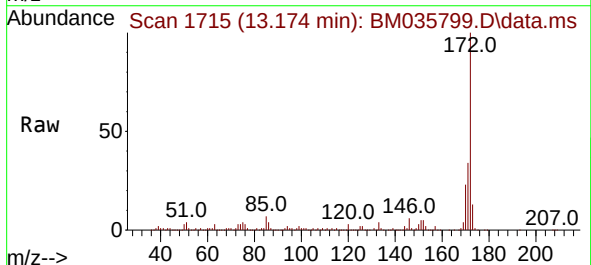
Instrument :
BNA_M
ClientSampleId :
CL-01-070822RE

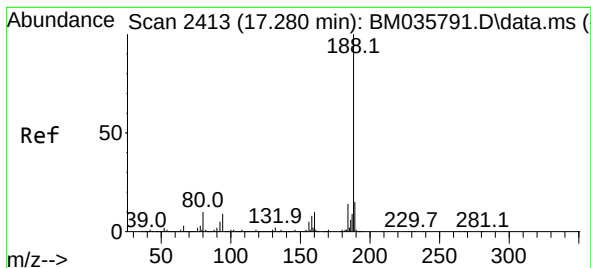
Tgt Ion:330 Resp: 109366
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 36.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 7.550 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM035799.D
Acq: 13 Jul 2022 18:11

Tgt Ion:172 Resp: 472774
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.9 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: BM035799.D

Acq: 13 Jul 2022 18:11

Instrument :

BNA_M

ClientSampleId :

CL-01-070822RE

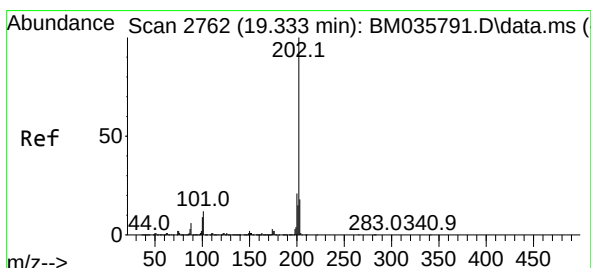
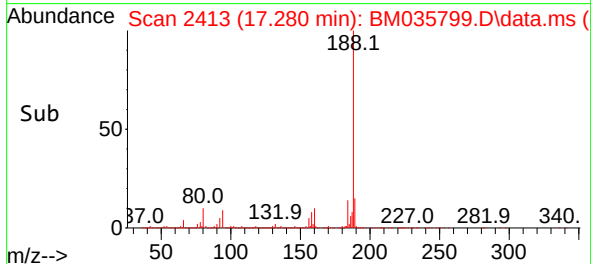
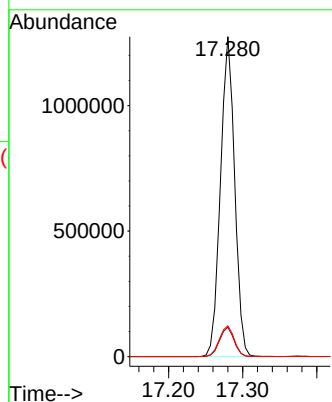
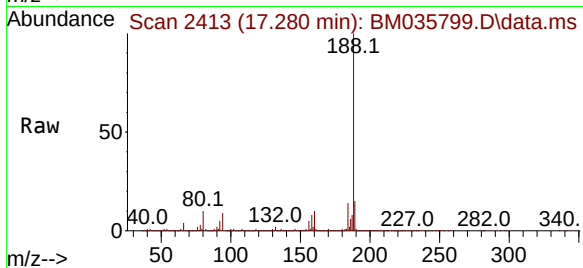
Tgt Ion:188 Resp: 1695816

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 9.7 7.6 11.4



#75

Fluoranthene

Concen: 2.209 ng

RT: 19.333 min Scan# 2762

Delta R.T. -0.000 min

Lab File: BM035799.D

Acq: 13 Jul 2022 18:11

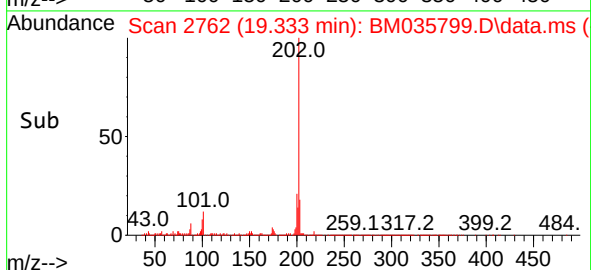
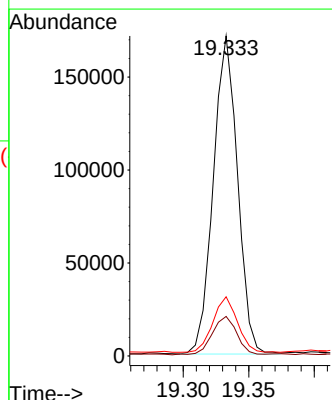
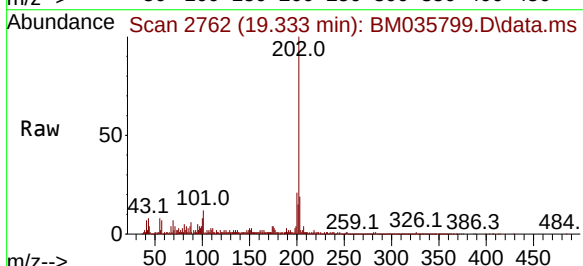
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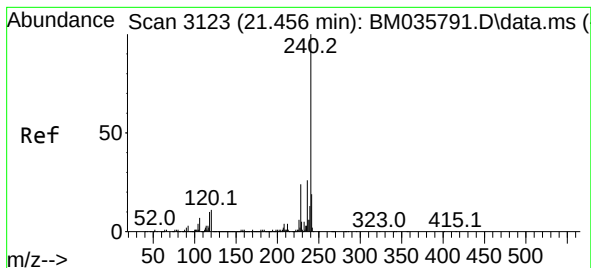
Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.6

203 18.5 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM035799.D

Acq: 13 Jul 2022 18:11

Instrument :

BNA_M

ClientSampleId :

CL-01-070822RE

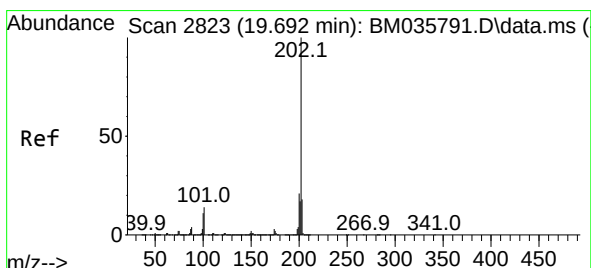
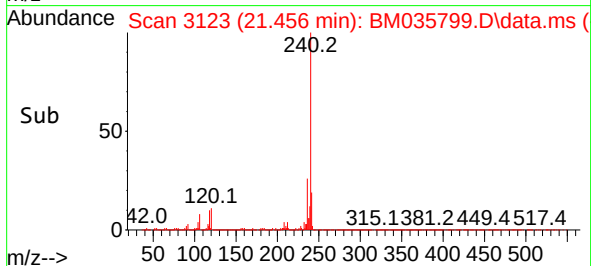
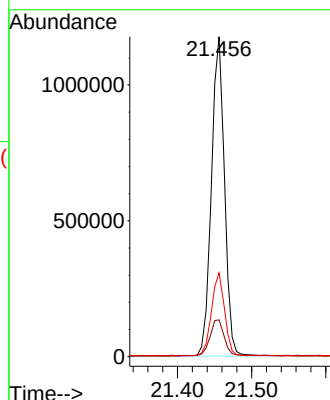
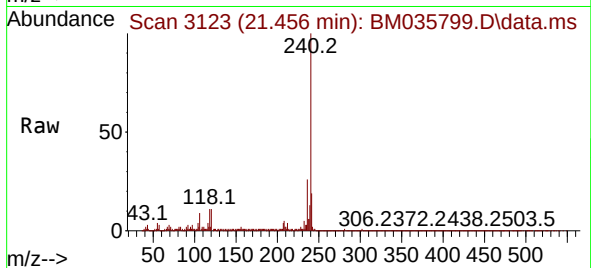
Tgt Ion:240 Resp: 1442163

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.0

236 26.2 20.6 30.8



#78

Pyrene

Concen: 2.534 ng

RT: 19.692 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BM035799.D

Acq: 13 Jul 2022 18:11

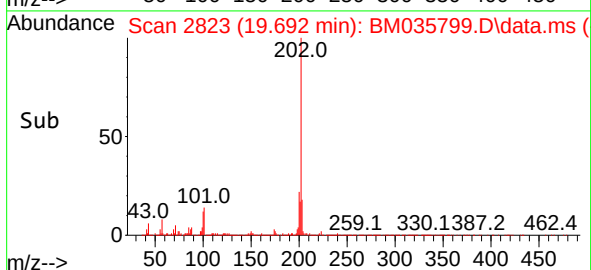
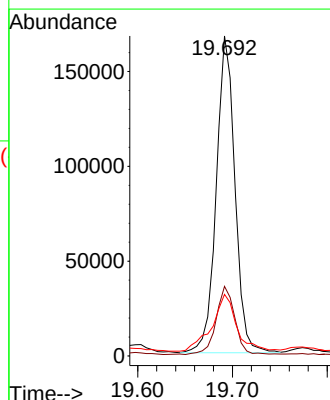
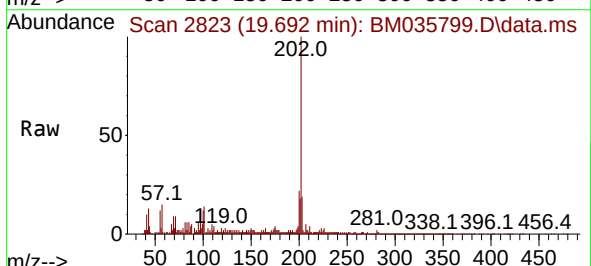
Tgt Ion:202 Resp: 229453

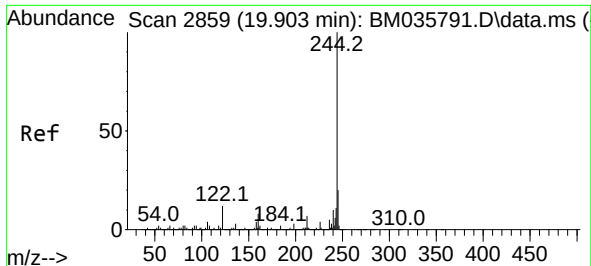
Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

203 19.3 13.9 20.9

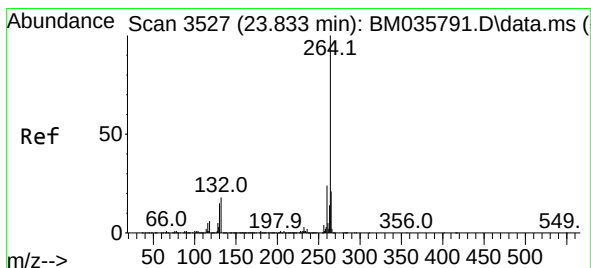
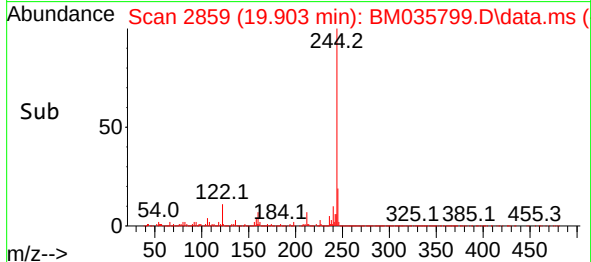
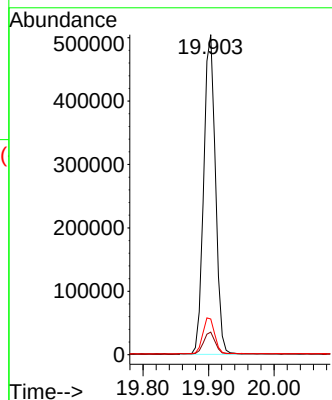
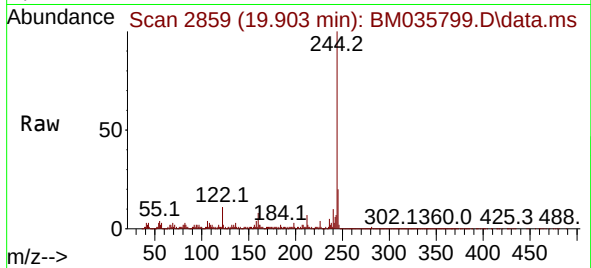




#79
 Terphenyl-d14
 Concen: 8.503 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035799.D
 Acq: 13 Jul 2022 18:11

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-070822RE

Tgt Ion:244 Resp: 631720
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 11.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.838 min Scan# 3528
 Delta R.T. 0.005 min
 Lab File: BM035799.D
 Acq: 13 Jul 2022 18:11

Tgt Ion:264 Resp: 1487211
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 22.5 17.5 26.3

