

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042515.D
 Acq On : 31 Oct 2023 17:43
 Operator : MA/JU
 Sample : PB156565BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156565BL

Quant Time: Nov 01 01:48:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	102208	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	379601	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	221526	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	443974	20.000	ng	0.00
76) Chrysene-d12	21.503	240	289785	20.000	ng	0.00
86) Perylene-d12	23.921	264	297831	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	971299	153.370	ng	0.00
7) Phenol-d6	7.093	99	1243601	143.181	ng	0.00
23) Nitrobenzene-d5	9.128	82	801699	98.452	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	441477	152.643	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1632887	99.185	ng	0.00
79) Terphenyl-d14	19.939	244	2168510	126.885	ng	0.00

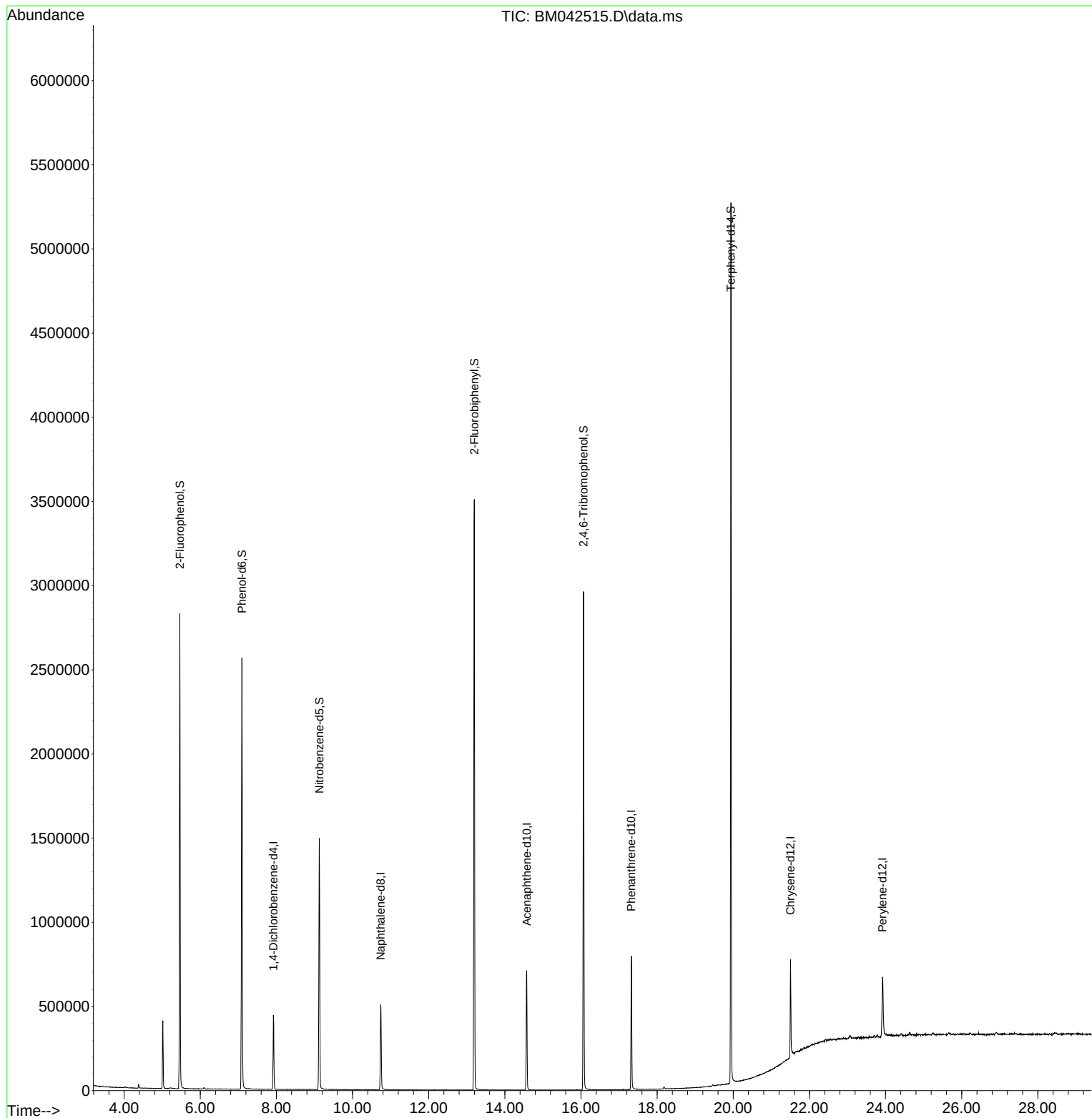
Target Compounds	Qvalue

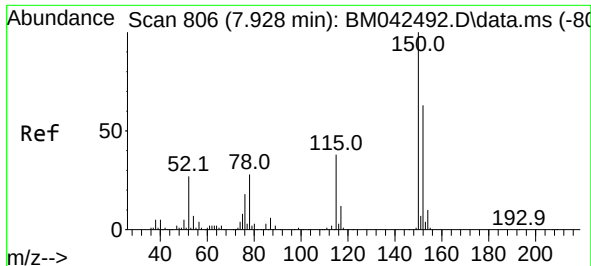
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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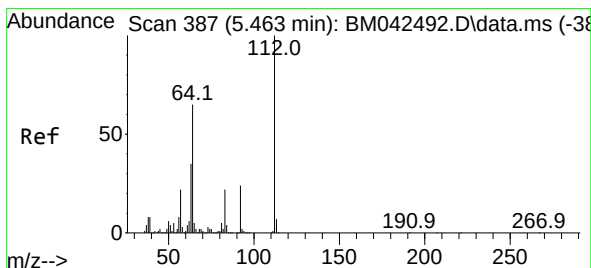
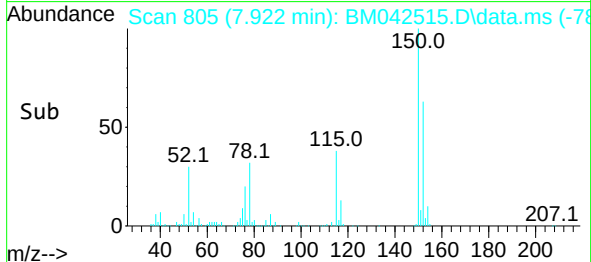
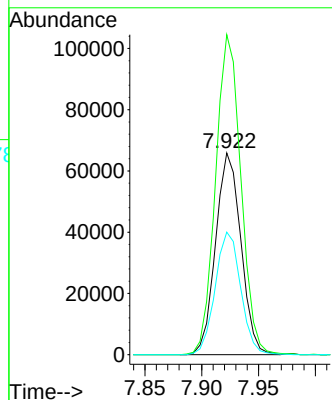
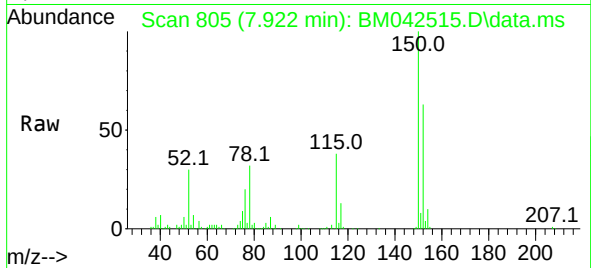




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042515.D
Acq: 31 Oct 2023 17:43

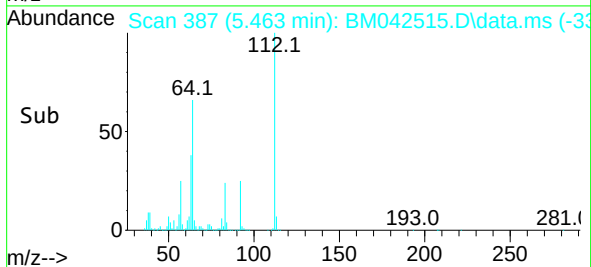
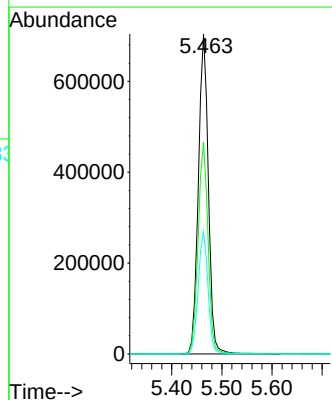
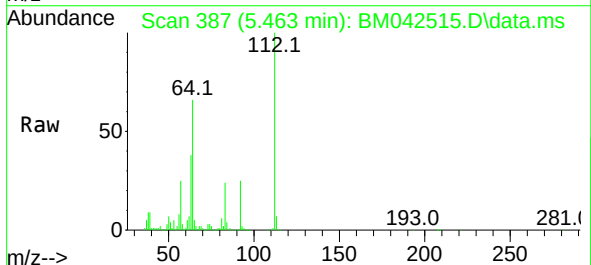
Instrument :
BNA_M
ClientSampleId :
PB156565BL

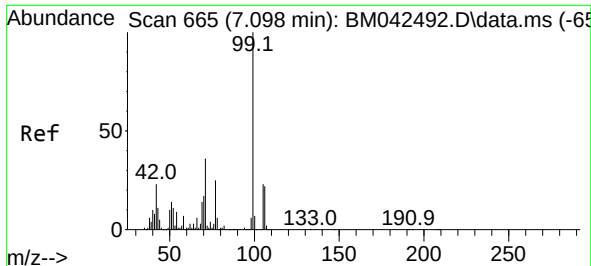
Tgt Ion:152 Resp: 102208
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 153.370 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042515.D
Acq: 31 Oct 2023 17:43

Tgt Ion:112 Resp: 971299
Ion Ratio Lower Upper
112 100
64 66.1 52.1 78.1
63 38.2 28.3 42.5

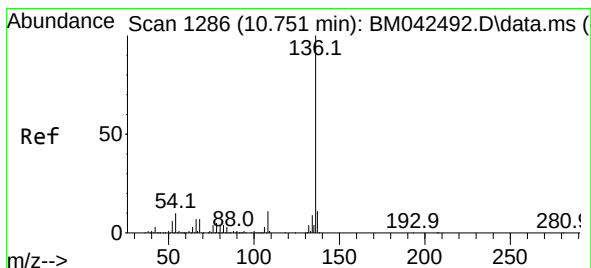
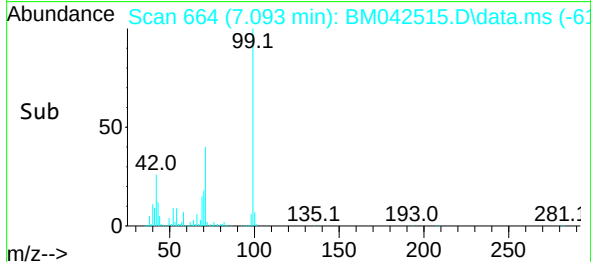
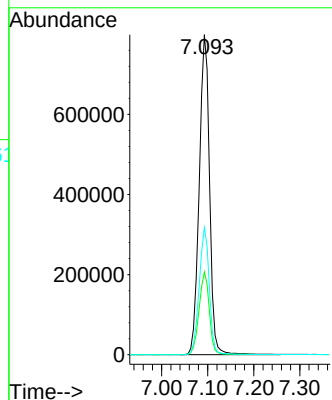
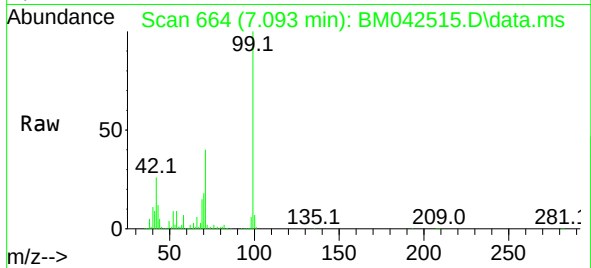




#7
Phenol-d6
Concen: 143.181 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042515.D
Acq: 31 Oct 2023 17:43

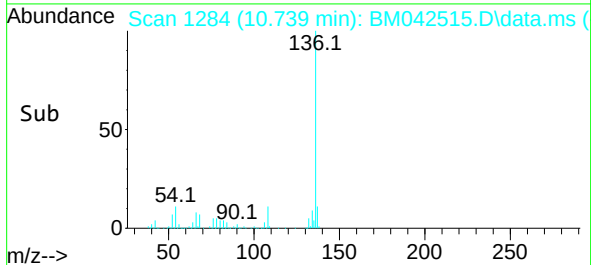
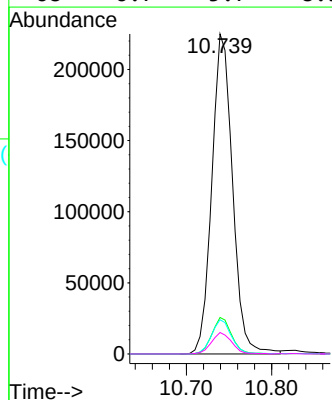
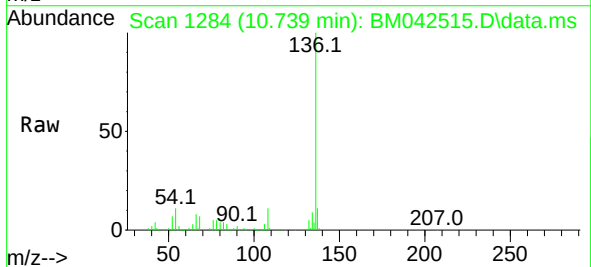
Instrument :
BNA_M
ClientSampleId :
PB156565BL

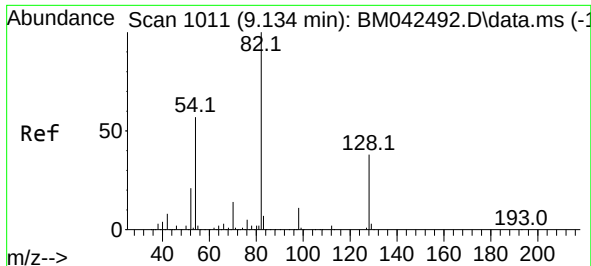
Tgt Ion: 99 Resp: 1243601
Ion Ratio Lower Upper
99 100
42 25.9 18.7 28.1
71 39.6 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042515.D
Acq: 31 Oct 2023 17:43

Tgt Ion: 136 Resp: 379601
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.7 8.0 12.0
68 6.7 5.7 8.5

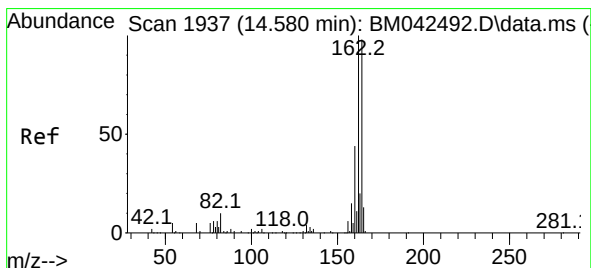
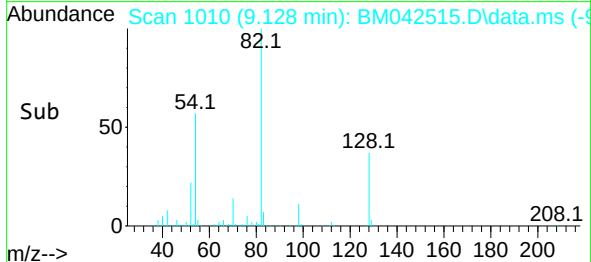
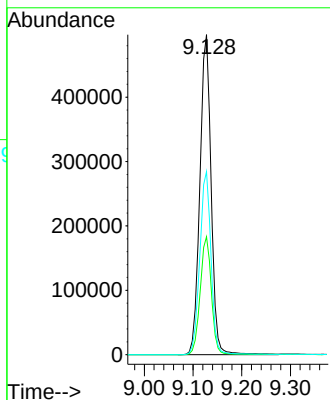
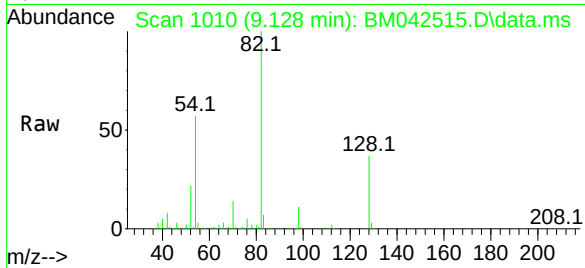




#23
Nitrobenzene-d5
Concen: 98.452 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042515.D
Acq: 31 Oct 2023 17:43

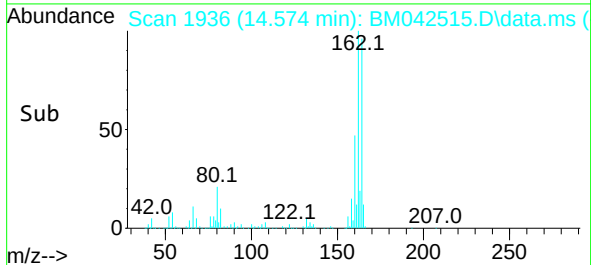
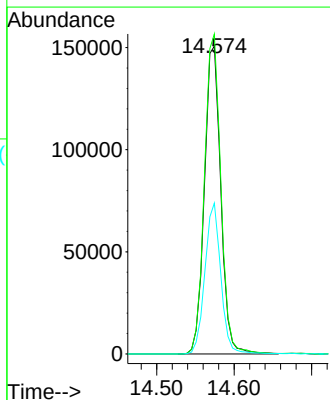
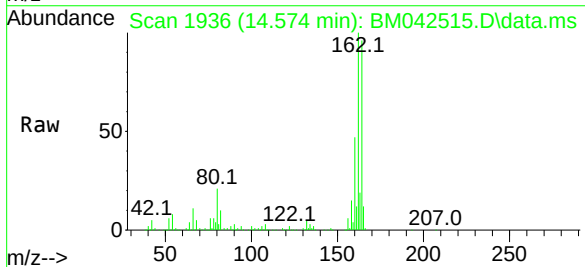
Instrument :
BNA_M
ClientSampleId :
PB156565BL

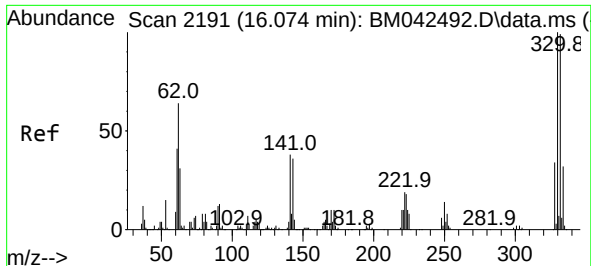
Tgt Ion: 82 Resp: 801699
Ion Ratio Lower Upper
82 100
128 36.8 30.7 46.1
54 57.2 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042515.D
Acq: 31 Oct 2023 17:43

Tgt Ion:164 Resp: 221526
Ion Ratio Lower Upper
164 100
162 103.9 81.6 122.4
160 49.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 152.643 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042515.D

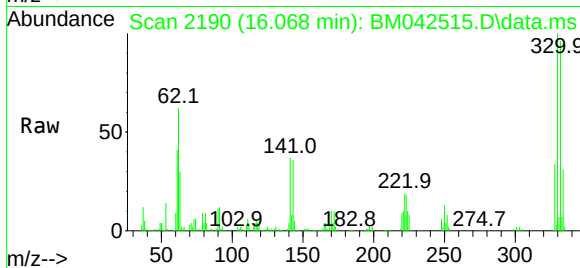
Acq: 31 Oct 2023 17:43

Instrument :

BNA_M

ClientSampleId :

PB156565BL



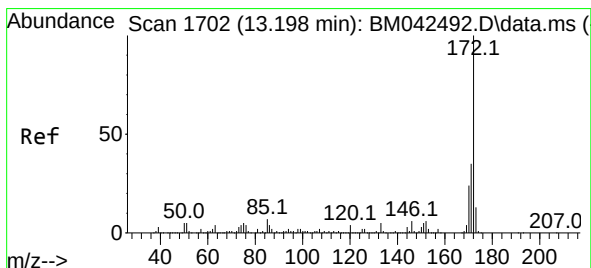
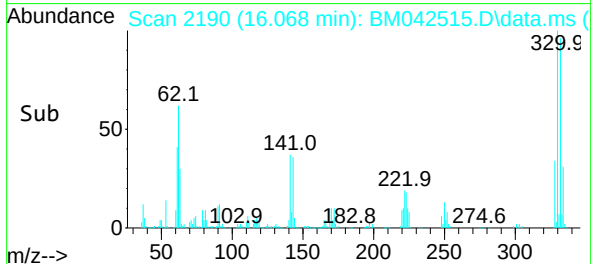
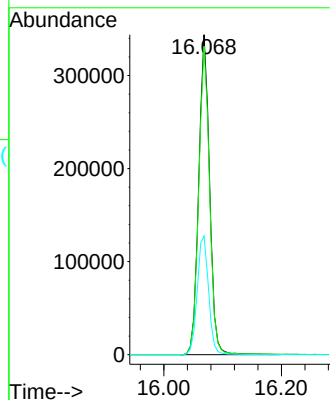
Tgt Ion:330 Resp: 441477

Ion Ratio Lower Upper

330 100

332 96.5 78.8 118.2

141 38.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 99.185 ng

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BM042515.D

Acq: 31 Oct 2023 17:43

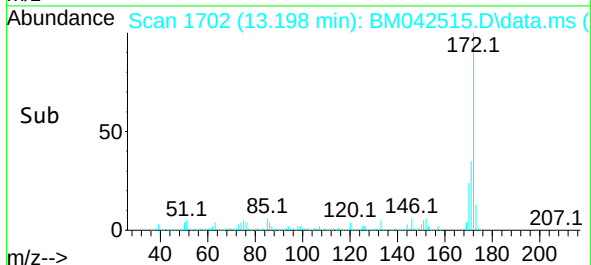
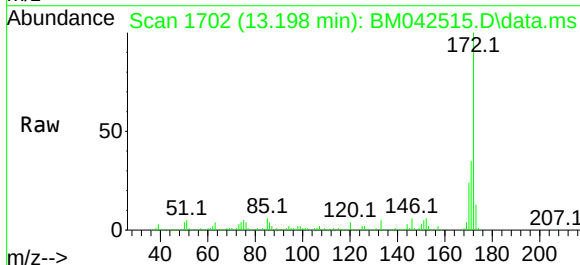
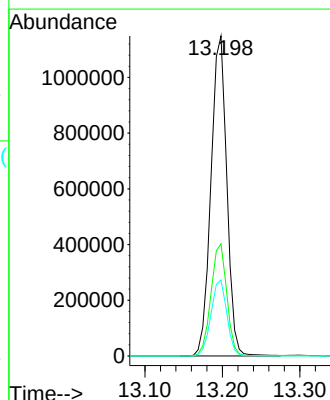
Tgt Ion:172 Resp: 1632887

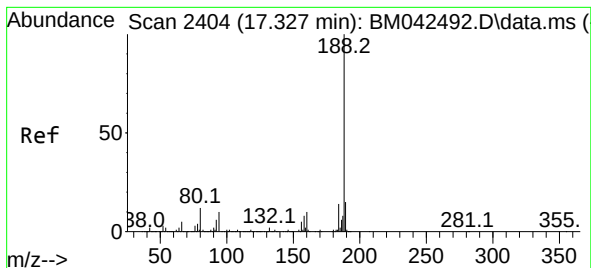
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042515.D

Acq: 31 Oct 2023 17:43

Instrument :

BNA_M

ClientSampleId :

PB156565BL

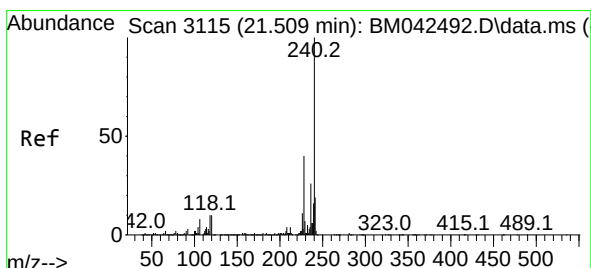
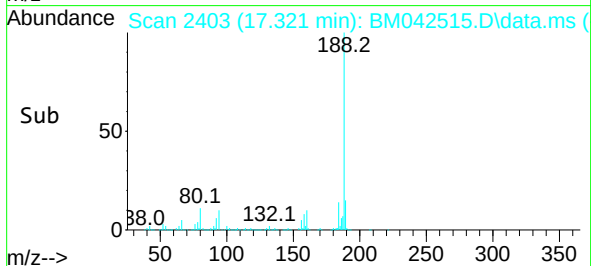
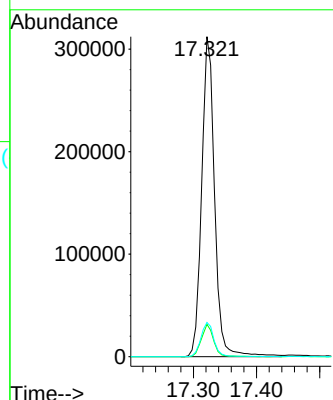
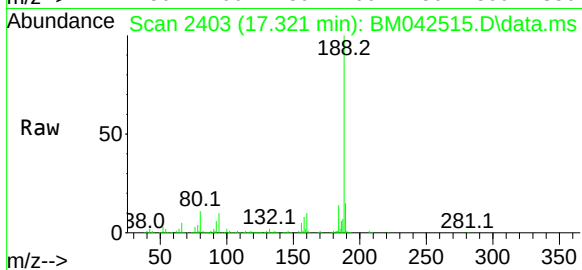
Tgt Ion:188 Resp: 443974

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

80 10.7 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042515.D

Acq: 31 Oct 2023 17:43

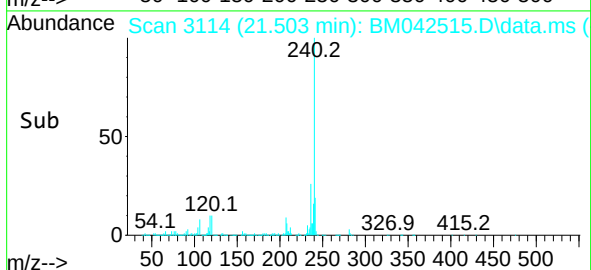
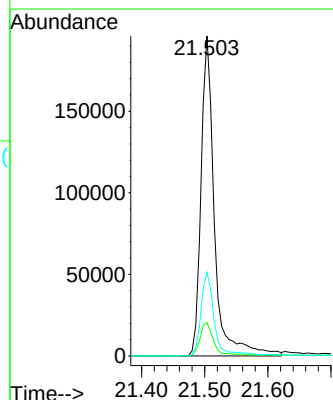
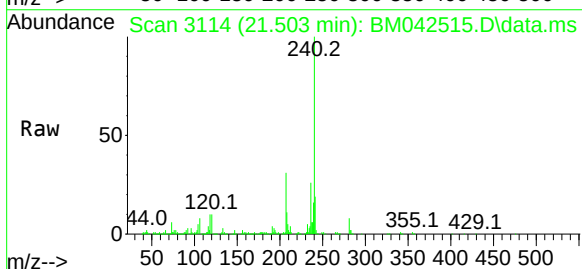
Tgt Ion:240 Resp: 289785

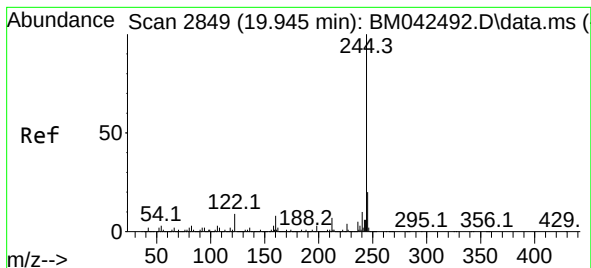
Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 126.885 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042515.D

Acq: 31 Oct 2023 17:43

Instrument :

BNA_M

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PB156565BL

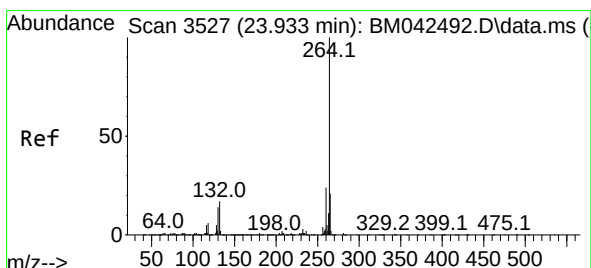
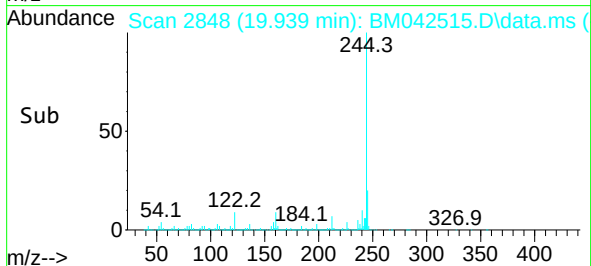
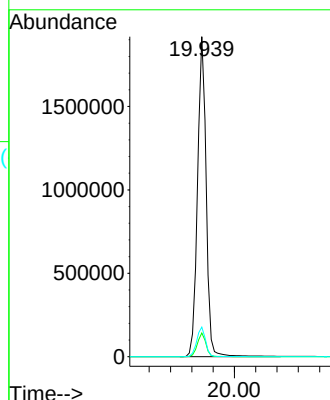
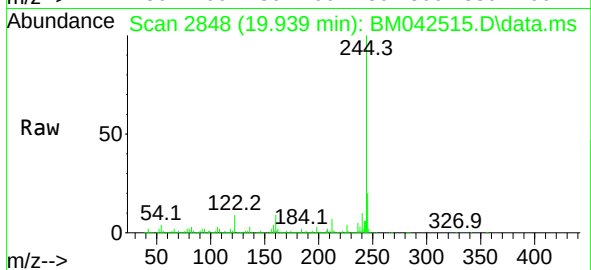
Tgt Ion:244 Resp: 2168510

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 9.2 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BM042515.D

Acq: 31 Oct 2023 17:43

Tgt Ion:264 Resp: 297831

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 23.2 18.7 28.1

