

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042554.D
 Acq On : 02 Nov 2023 10:39
 Operator : MA/JU
 Sample : PB156832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156832BL

Quant Time: Nov 02 22:37:47 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)

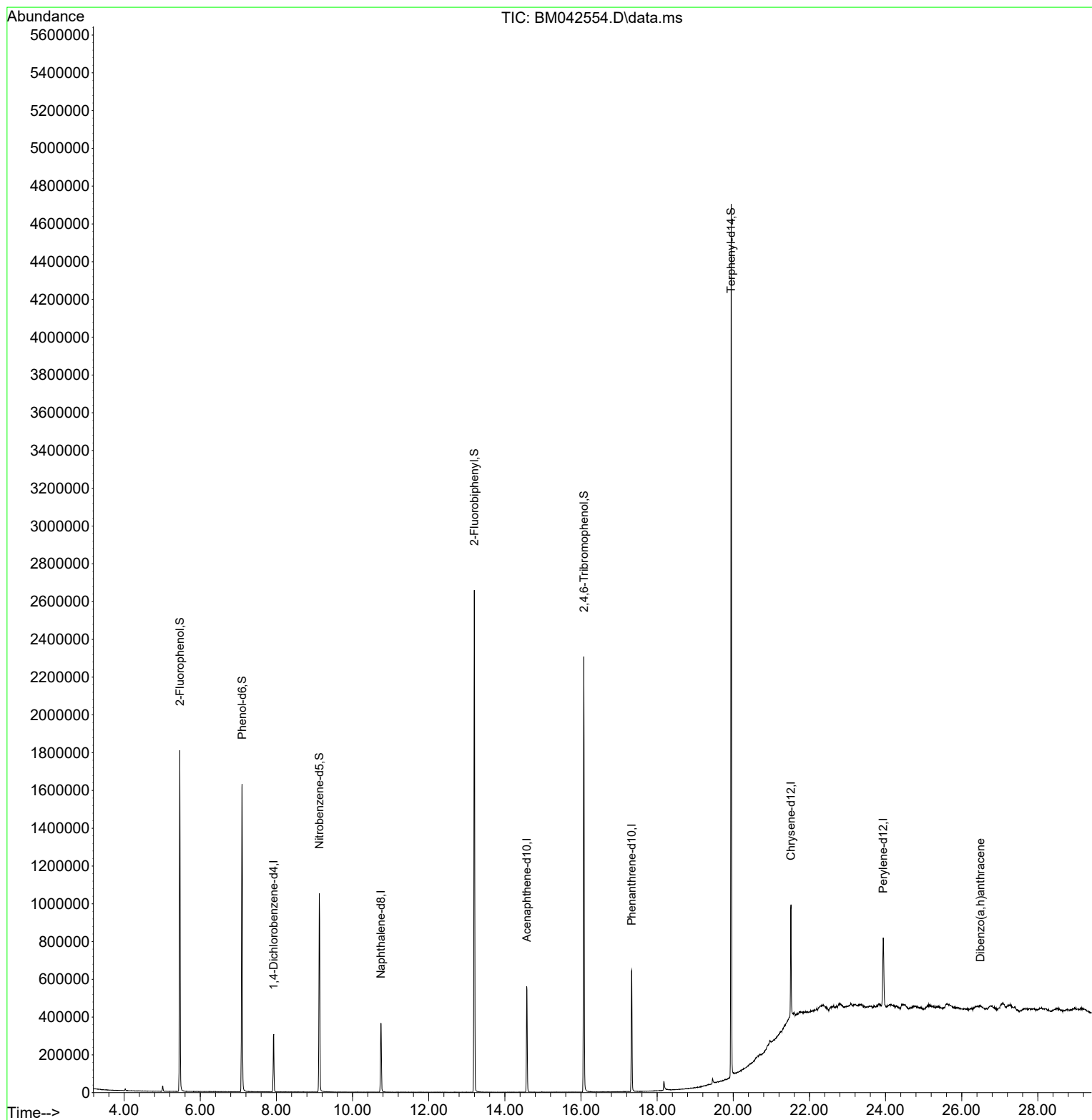
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	71405	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	274785	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	176174	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	378692	20.000	ng	0.00
76) Chrysene-d12	21.515	240	290790	20.000	ng	0.00
86) Perylene-d12	23.938	264	296003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	618319	139.751	ng	0.00
7) Phenol-d6	7.098	99	789435	130.100	ng	0.00
23) Nitrobenzene-d5	9.128	82	550672	93.420	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	361868	157.327	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1207828	92.253	ng	0.00
79) Terphenyl-d14	19.945	244	1933340	112.734	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.491	278	81	4.143	ng	Qvalue # 1

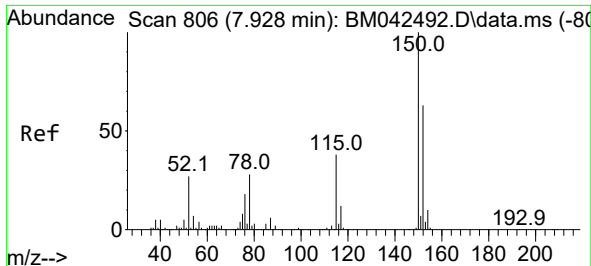
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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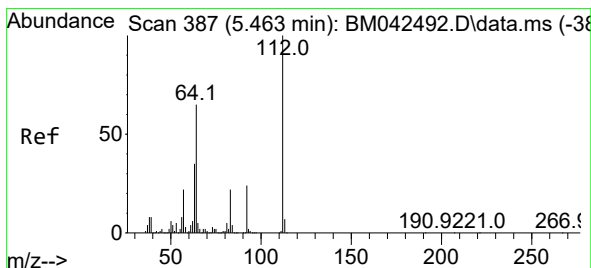
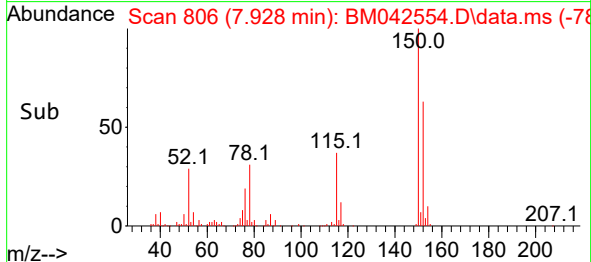
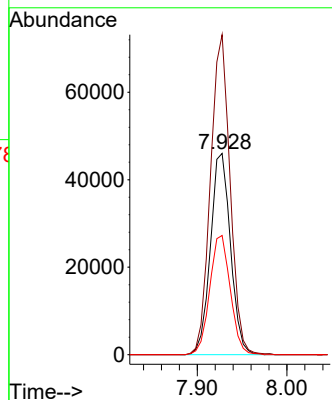
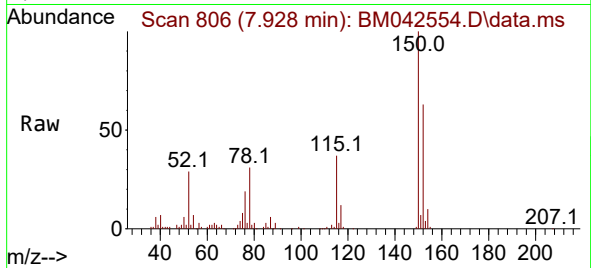




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM042554.D
Acq: 02 Nov 2023 10:39

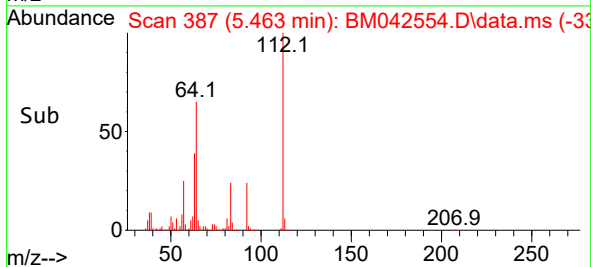
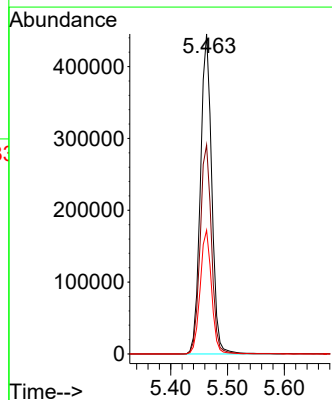
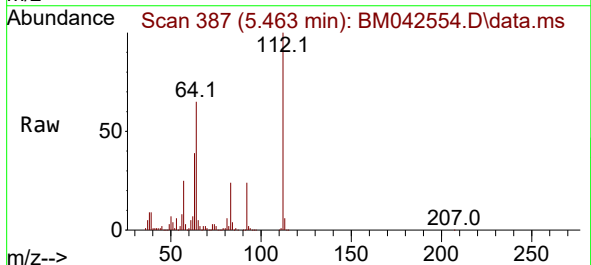
Instrument :
BNA_M
ClientSampleId :
PB156832BL

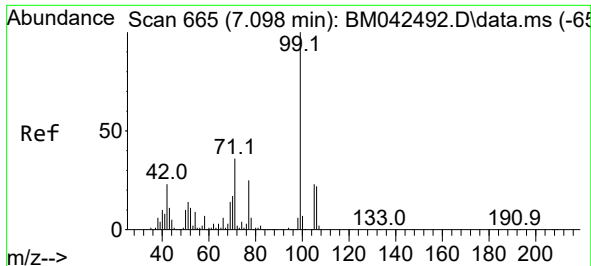
Tgt Ion:152 Resp: 71405
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 139.751 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042554.D
Acq: 02 Nov 2023 10:39

Tgt Ion:112 Resp: 618319
Ion Ratio Lower Upper
112 100
64 65.3 52.1 78.1
63 38.6 28.3 42.5

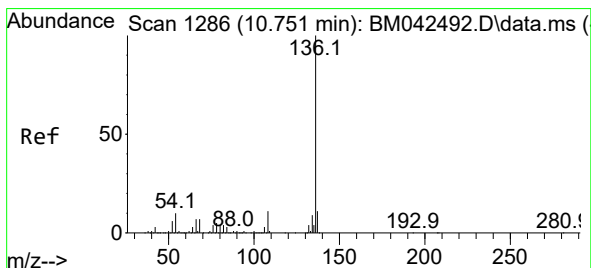
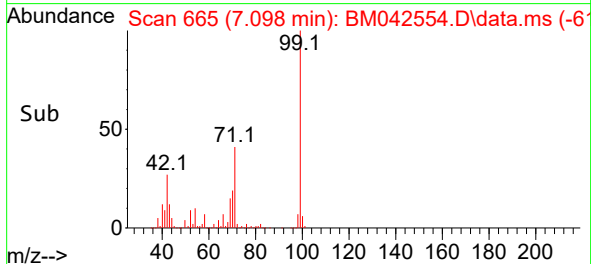
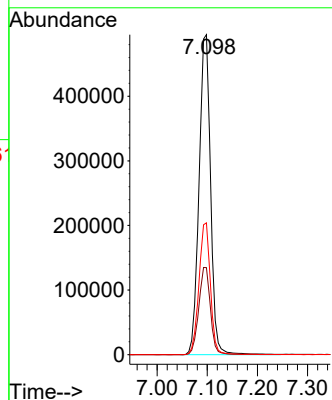
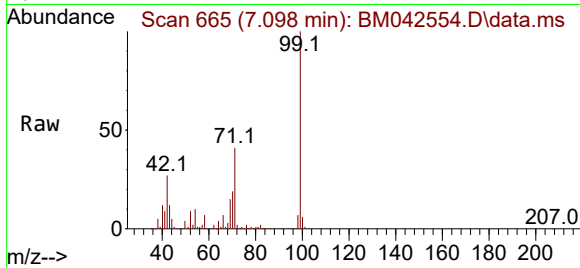




#7
Phenol-d6
Concen: 130.100 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042554.D
Acq: 02 Nov 2023 10:39

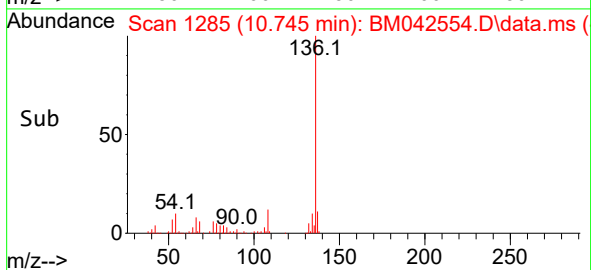
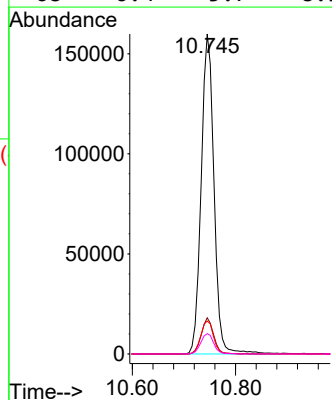
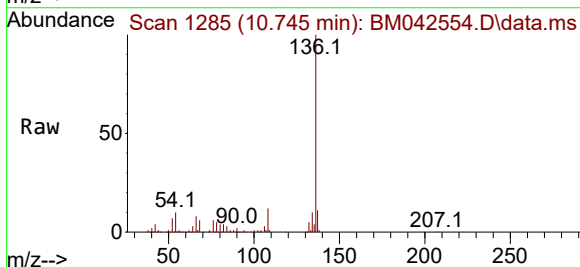
Instrument :
BNA_M
ClientSampleId :
PB156832BL

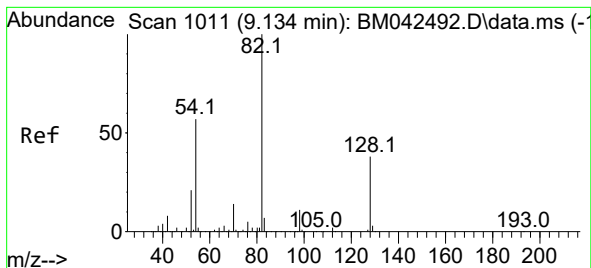
Tgt Ion: 99 Resp: 789435
Ion Ratio Lower Upper
99 100
42 27.2 18.7 28.1
71 41.2 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042554.D
Acq: 02 Nov 2023 10:39

Tgt Ion: 136 Resp: 274785
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.3 8.0 12.0
68 6.4 5.7 8.5

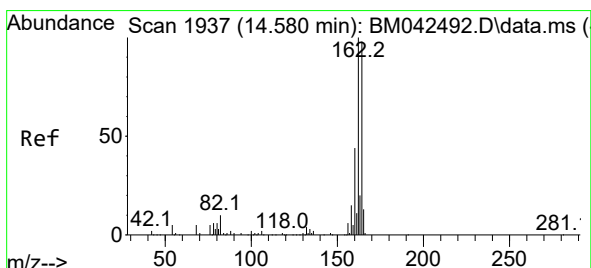
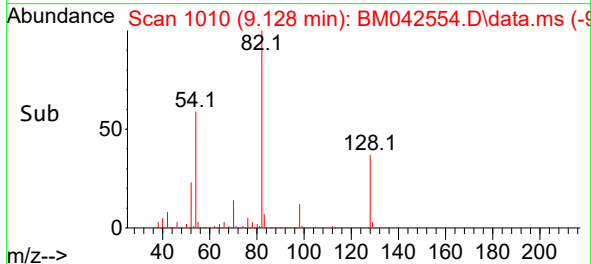
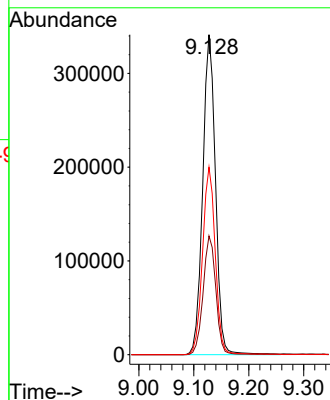
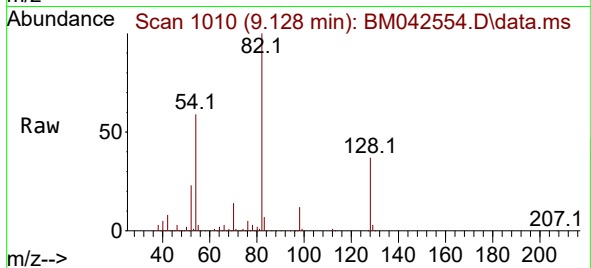




#23
Nitrobenzene-d5
Concen: 93.420 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042554.D
Acq: 02 Nov 2023 10:39

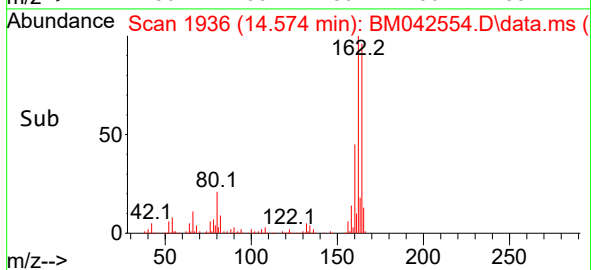
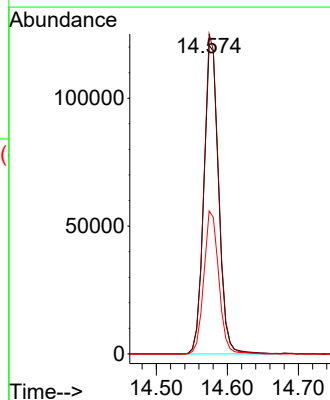
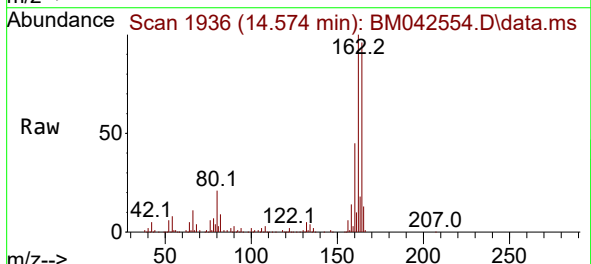
Instrument :
BNA_M
ClientSampleId :
PB156832BL

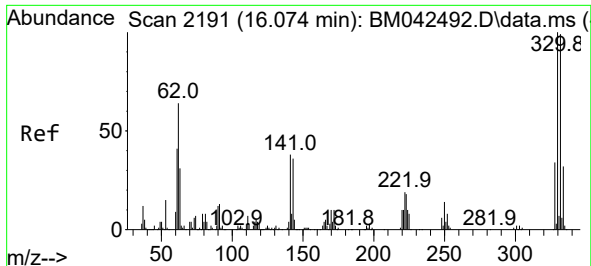
Tgt Ion: 82 Resp: 550672
Ion Ratio Lower Upper
82 100
128 37.1 30.7 46.1
54 58.6 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042554.D
Acq: 02 Nov 2023 10:39

Tgt Ion: 164 Resp: 176174
Ion Ratio Lower Upper
164 100
162 103.7 81.6 122.4
160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 157.327 ng

RT: 16.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042554.D

Acq: 02 Nov 2023 10:39

Instrument :

BNA_M

ClientSampleId :

PB156832BL

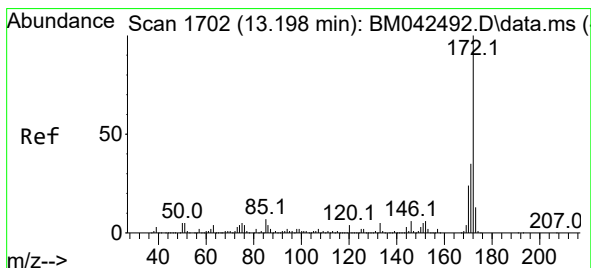
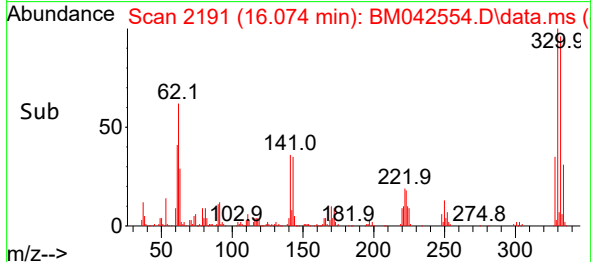
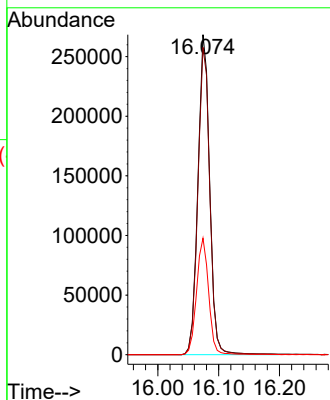
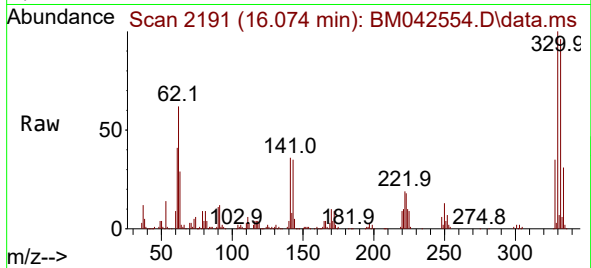
Tgt Ion:330 Resp: 361868

Ion Ratio Lower Upper

330 100

332 97.2 78.8 118.2

141 37.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 92.253 ng

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BM042554.D

Acq: 02 Nov 2023 10:39

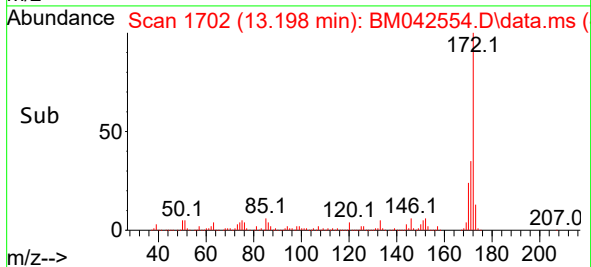
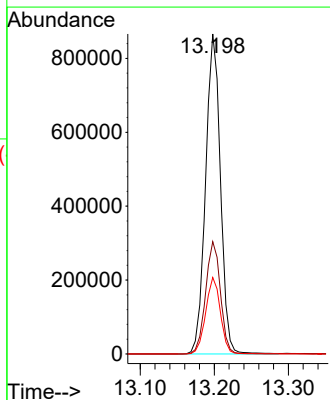
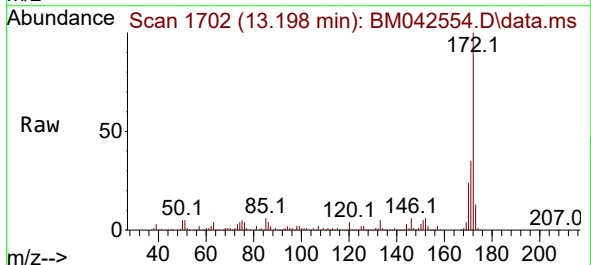
Tgt Ion:172 Resp: 1207828

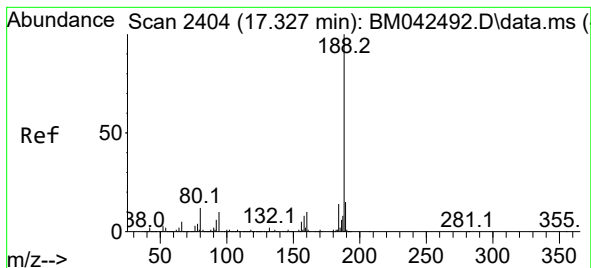
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BM042554.D

Acq: 02 Nov 2023 10:39

Instrument :

BNA_M

ClientSampleId :

PB156832BL

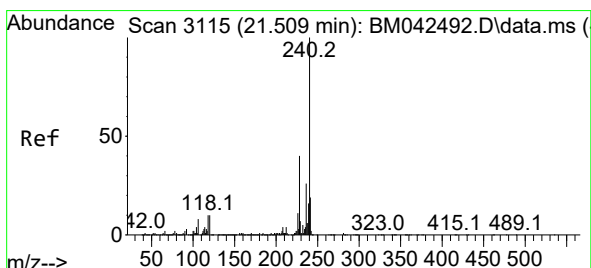
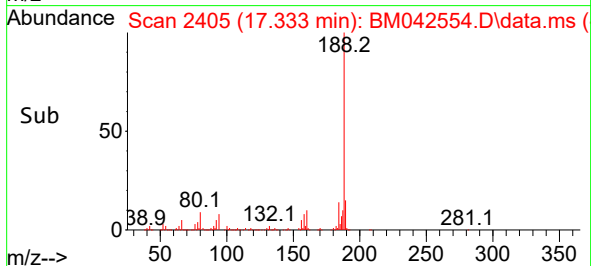
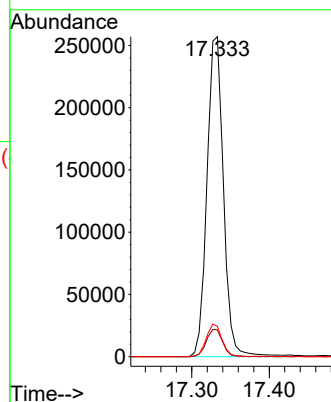
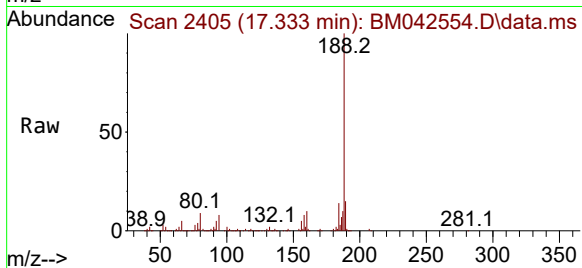
Tgt Ion:188 Resp: 378692

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

80 9.5 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BM042554.D

Acq: 02 Nov 2023 10:39

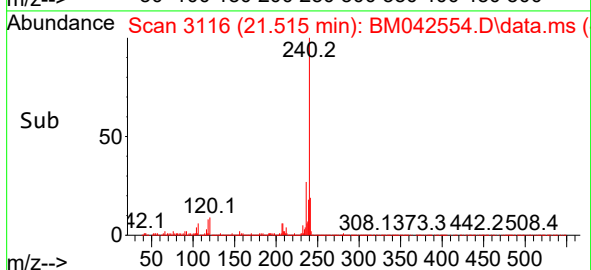
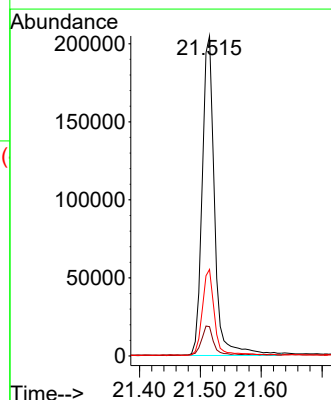
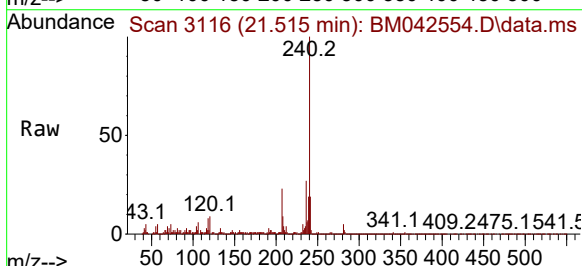
Tgt Ion:240 Resp: 290790

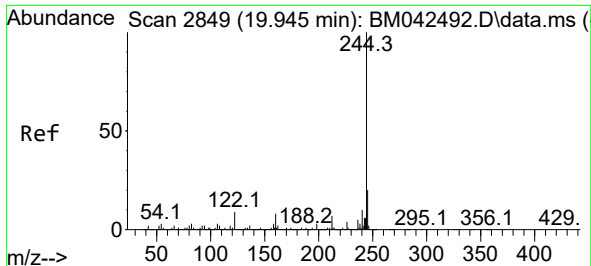
Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

236 27.0 20.8 31.2

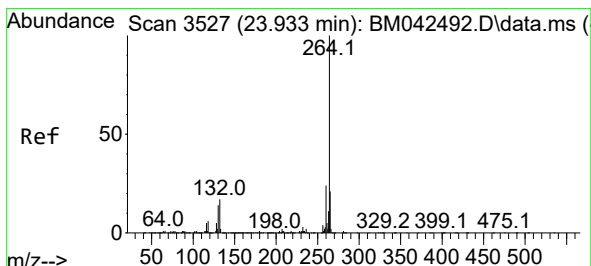
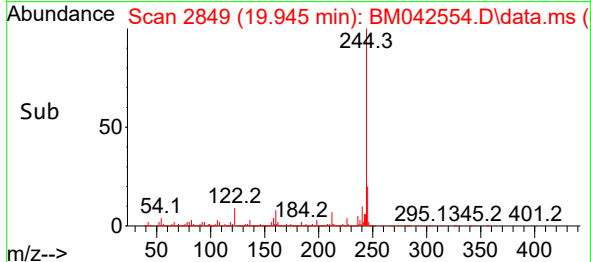
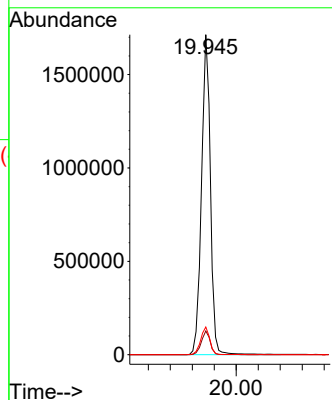
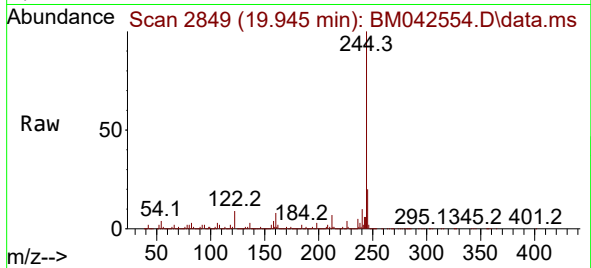




#79
 Terphenyl-d14
 Concen: 112.734 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042554.D
 Acq: 02 Nov 2023 10:39

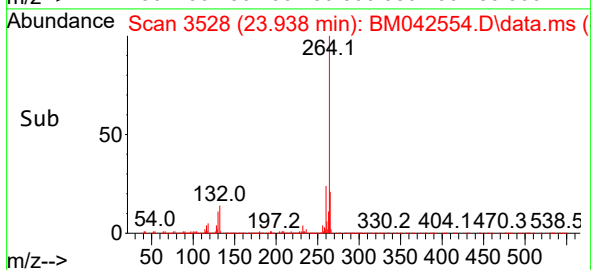
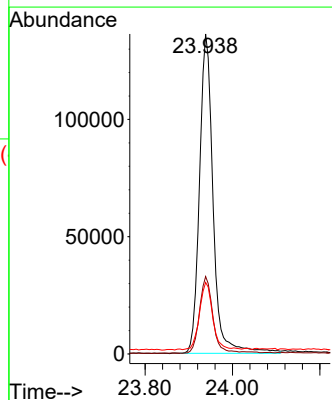
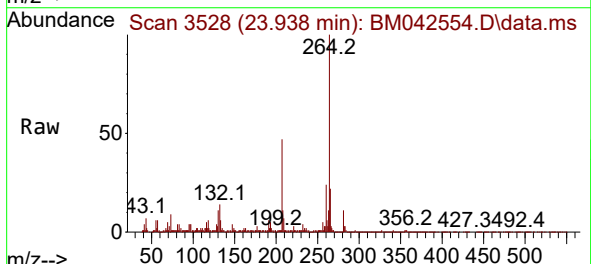
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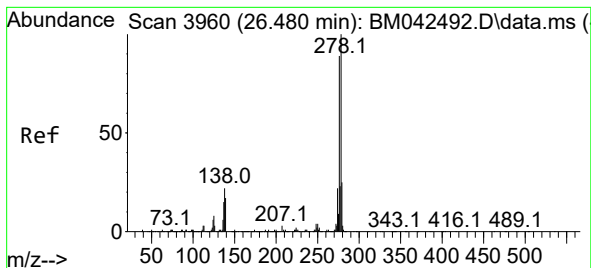
Tgt Ion:244 Resp: 1933340
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 8.6 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.938 min Scan# 3528
 Delta R.T. 0.006 min
 Lab File: BM042554.D
 Acq: 02 Nov 2023 10:39

Tgt Ion:264 Resp: 296003
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 22.3 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.143 ng

RT: 26.491 min Scan# 3962

Delta R.T. 0.011 min

Lab File: BM042554.D

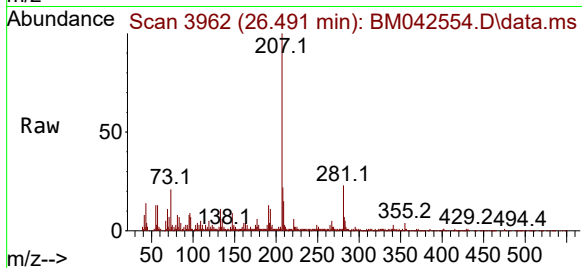
Acq: 02 Nov 2023 10:39

Instrument :

BNA_M

ClientSampleId :

PB156832BL



Tgt Ion:278 Resp: 81

Ion Ratio Lower Upper

278 100

139 214.1 13.4 20.2#

279 135.9 19.7 29.5#

