

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042556.D
 Acq On : 02 Nov 2023 11:51
 Operator : MA/JU
 Sample : PB156788TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156788TB

Quant Time: Nov 02 22:38:37 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)

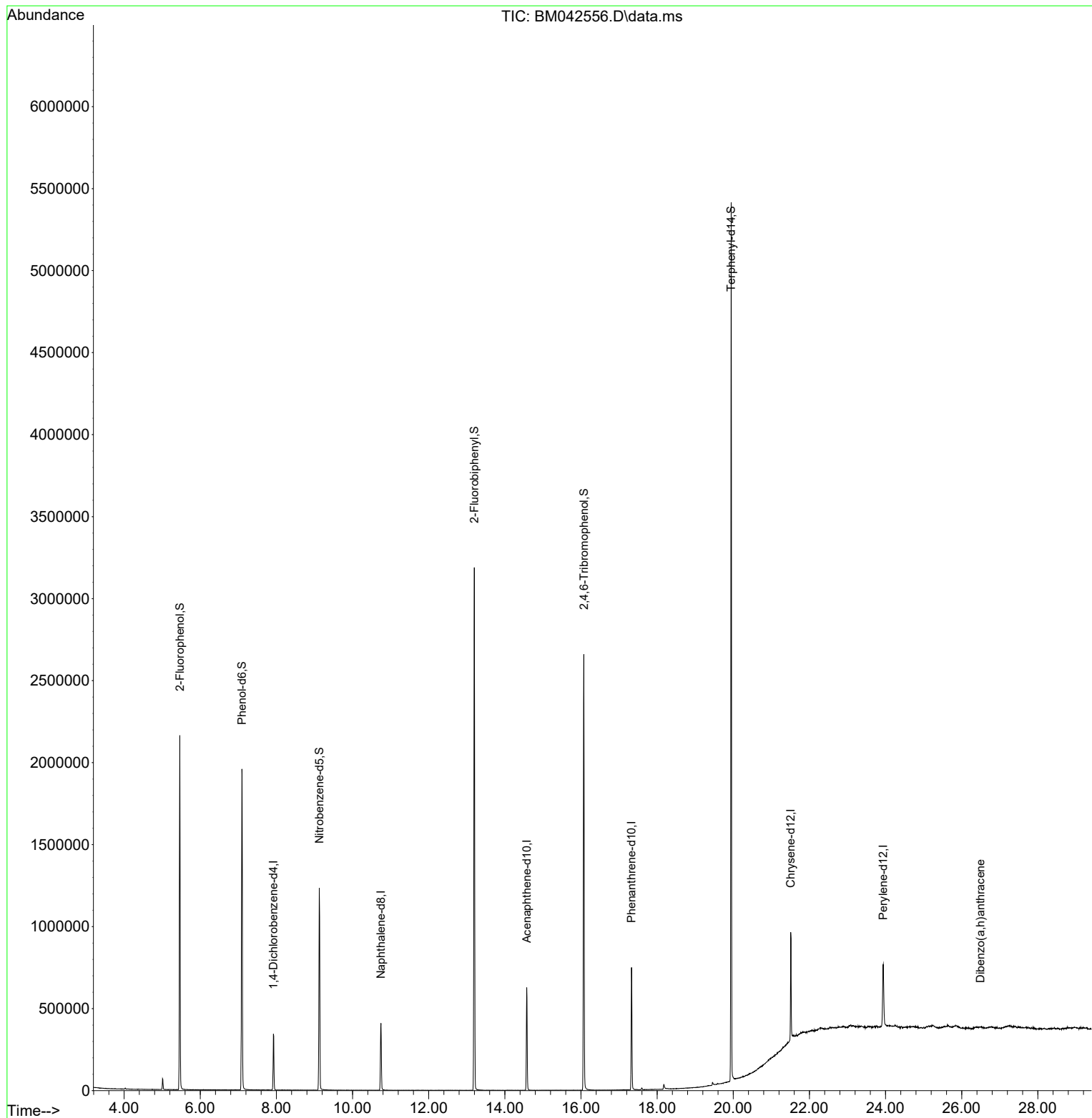
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	79685	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	306805	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	199055	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	425431	20.000	ng	0.00
76) Chrysene-d12	21.509	240	321800	20.000	ng	0.00
86) Perylene-d12	23.938	264	312434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	734497	148.759	ng	0.00
7) Phenol-d6	7.092	99	941249	139.000	ng	0.00
23) Nitrobenzene-d5	9.128	82	647374	98.363	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	427007	164.307	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1437090	97.146	ng	0.00
79) Terphenyl-d14	19.945	244	2211603	116.532	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.491	278	168	4.147	ng	Qvalue # 1

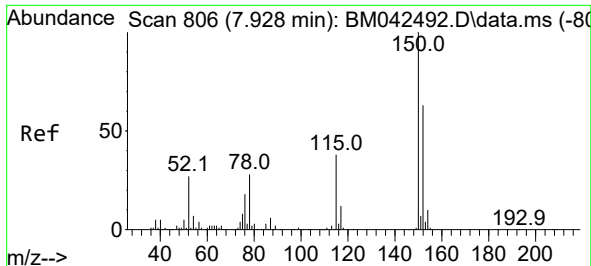
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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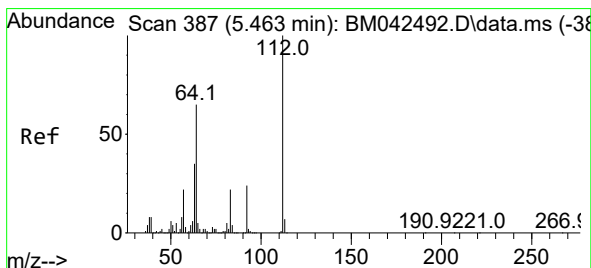
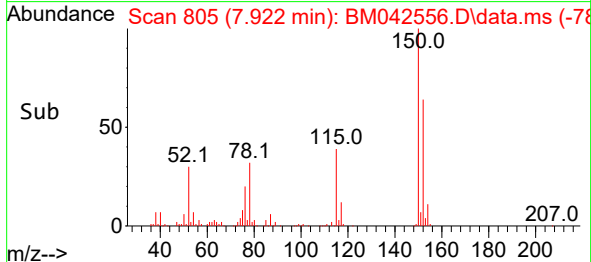
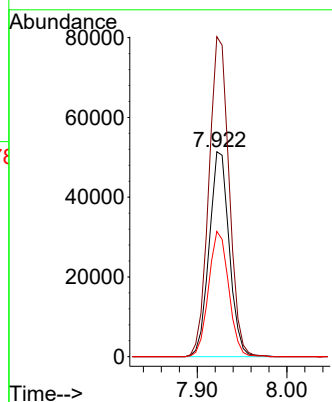
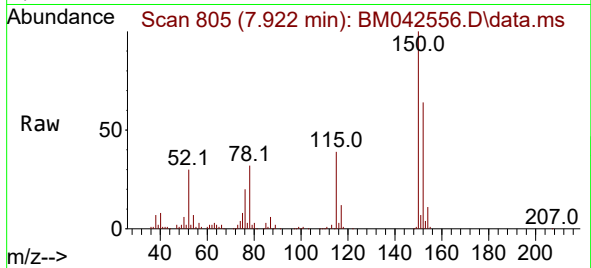




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

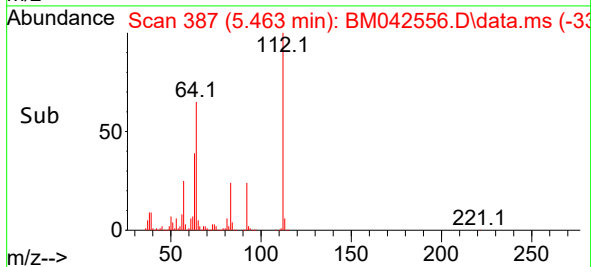
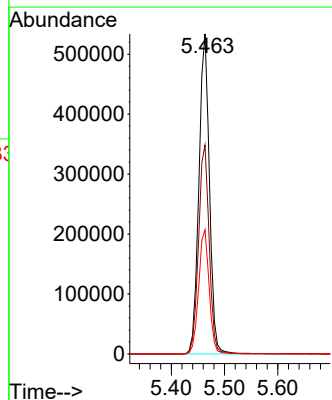
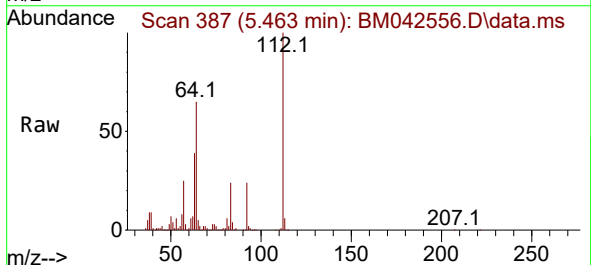
Instrument :
BNA_M
ClientSampleId :
PB156788TB

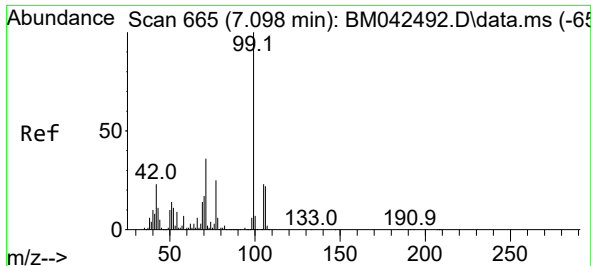
Tgt Ion:152 Resp: 79685
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.0
115 61.1 47.9 71.9



#5
2-Fluorophenol
Concen: 148.759 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

Tgt Ion:112 Resp: 734497
Ion Ratio Lower Upper
112 100
64 65.3 52.1 78.1
63 38.8 28.3 42.5

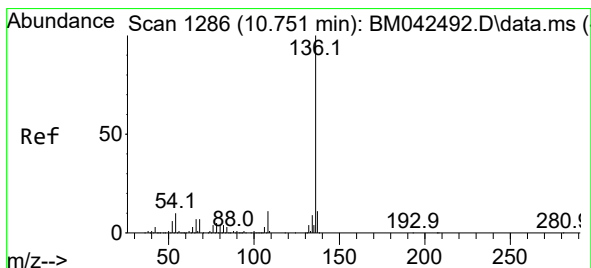
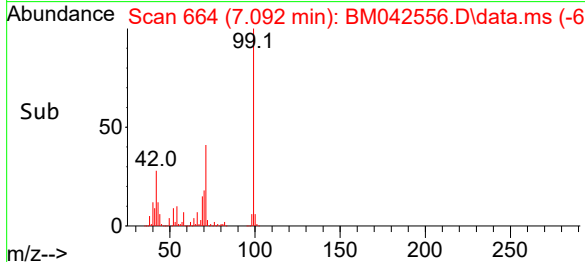
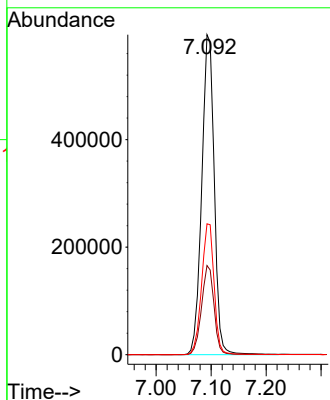
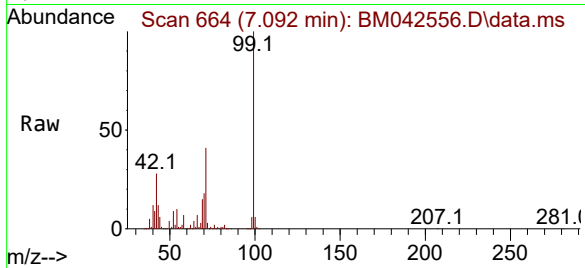




#7
Phenol-d6
Concen: 139.000 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

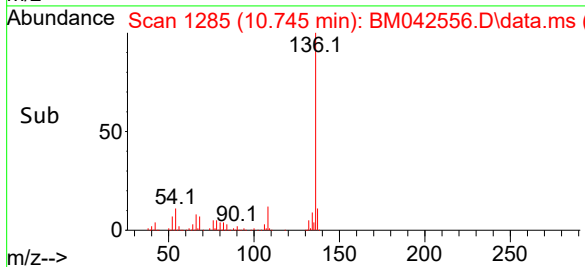
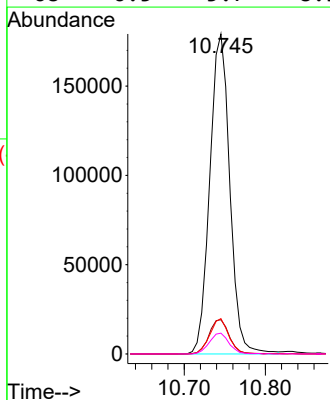
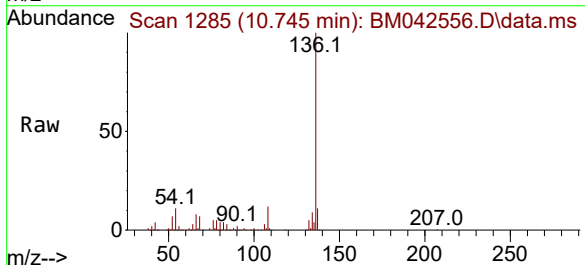
Instrument :
BNA_M
ClientSampleId :
PB156788TB

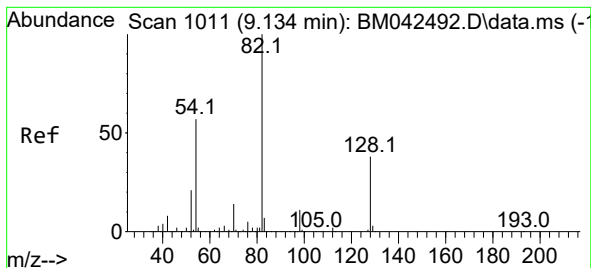
Tgt Ion: 99 Resp: 941249
Ion Ratio Lower Upper
99 100
42 27.8 18.7 28.1
71 40.9 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

Tgt Ion:136 Resp: 306805
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 11.1 8.0 12.0
68 6.5 5.7 8.5





#23

Nitrobenzene-d5

Concen: 98.363 ng

RT: 9.128 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BM042556.D

Acq: 02 Nov 2023 11:51

Instrument :

BNA_M

ClientSampleId :

PB156788TB

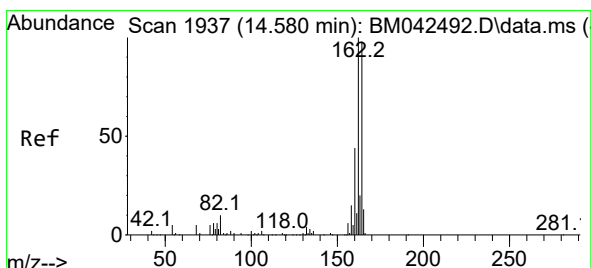
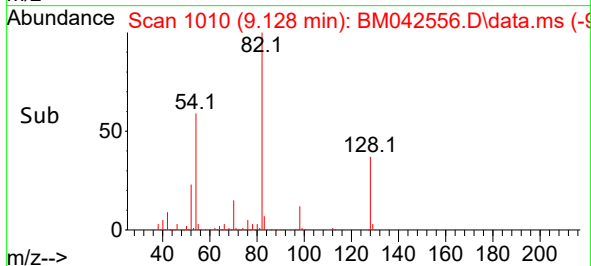
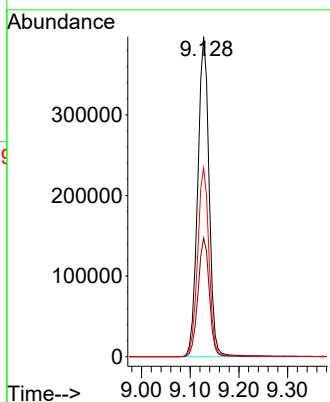
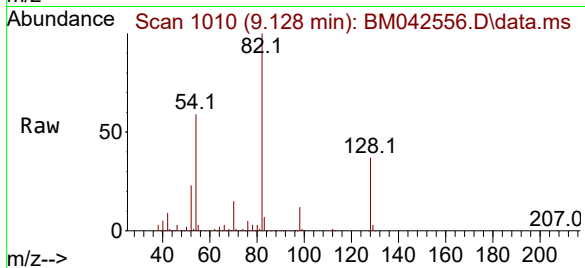
Tgt Ion: 82 Resp: 647374

Ion Ratio Lower Upper

82 100

128 37.1 30.7 46.1

54 59.0 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: BM042556.D

Acq: 02 Nov 2023 11:51

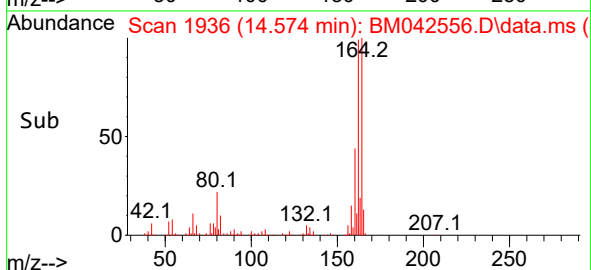
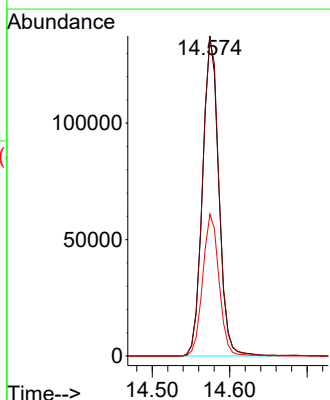
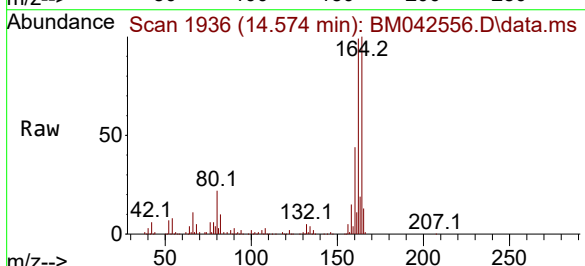
Tgt Ion: 164 Resp: 199055

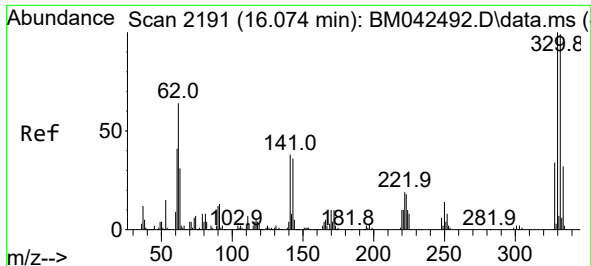
Ion Ratio Lower Upper

164 100

162 99.1 81.6 122.4

160 44.3 36.2 54.4

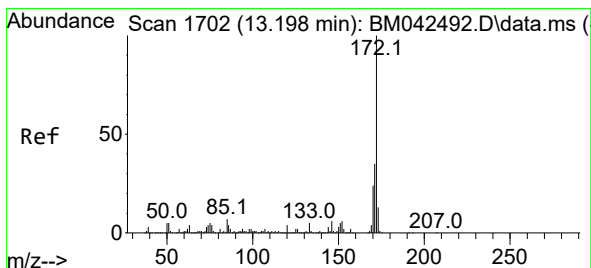
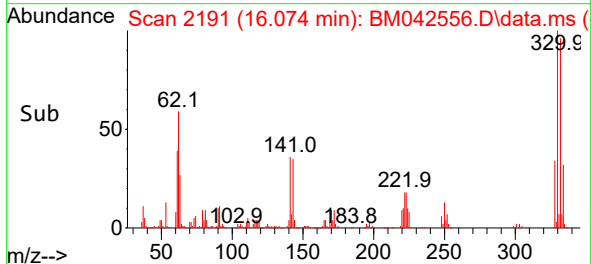
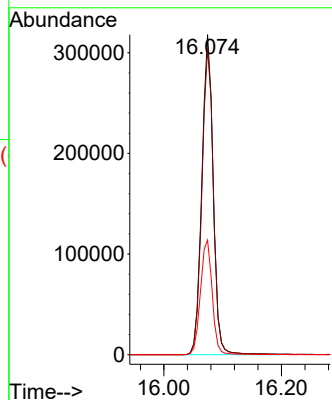
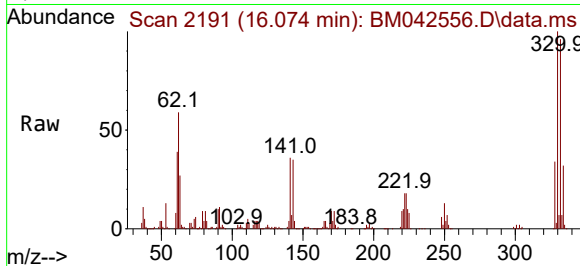




#42
2,4,6-Tribromophenol
Concen: 164.307 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

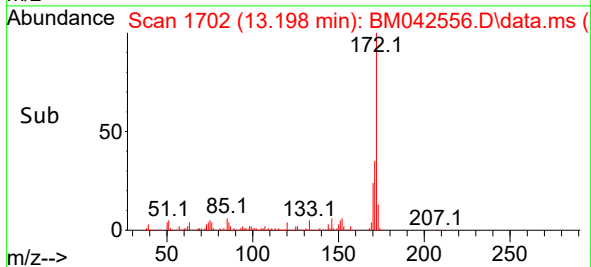
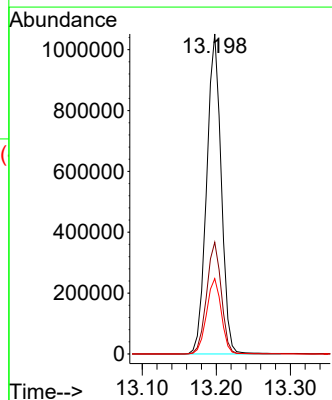
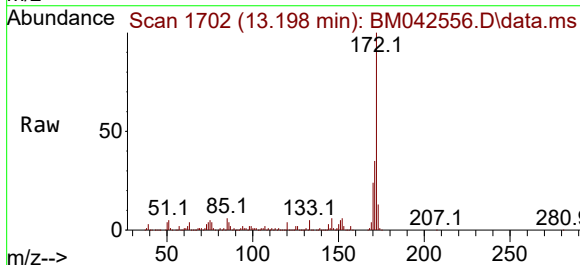
Instrument :
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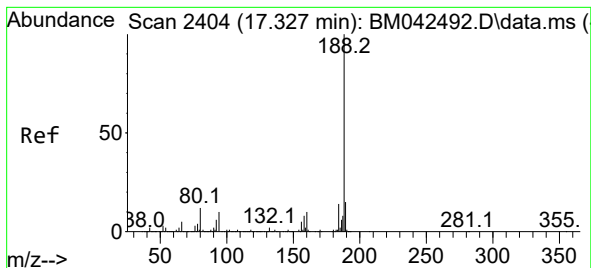
Tgt Ion:330 Resp: 427007
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 36.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 97.146 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

Tgt Ion:172 Resp: 1437090
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.6 19.0 28.4

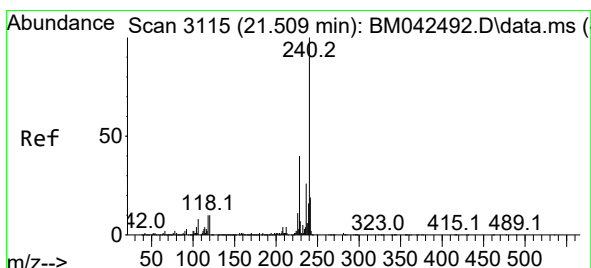
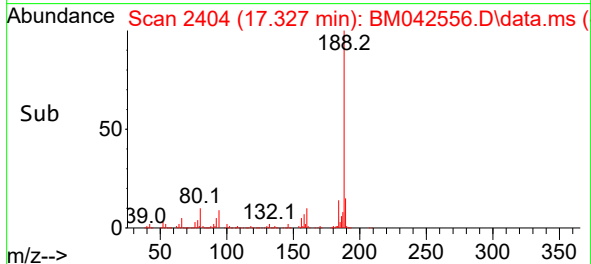
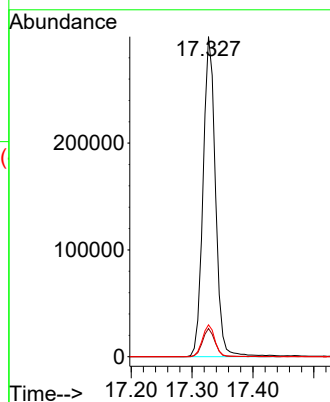
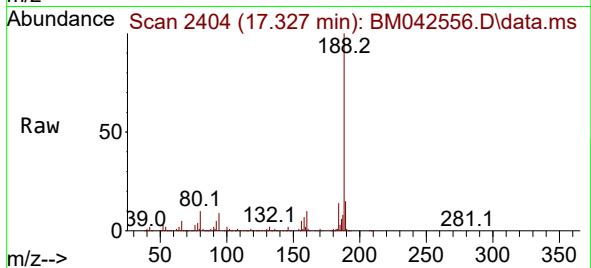




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

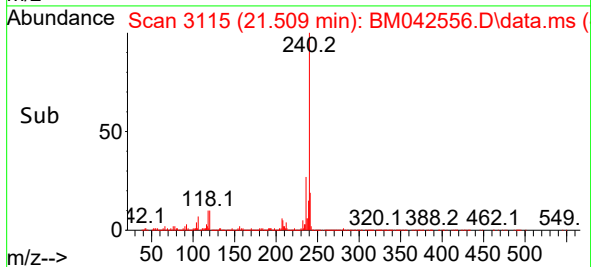
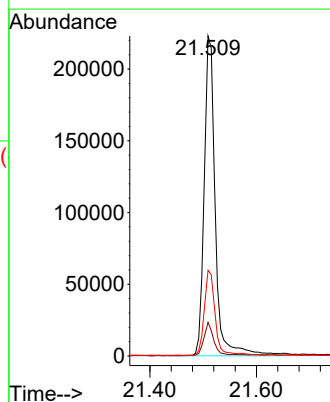
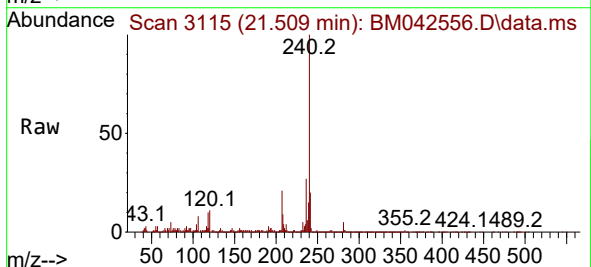
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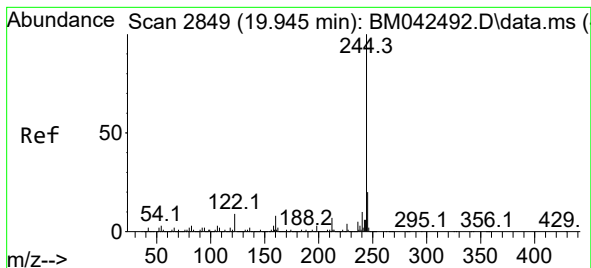
Tgt Ion:188 Resp: 425431
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.4
80 10.0 9.4 14.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042556.D
Acq: 02 Nov 2023 11:51

Tgt Ion:240 Resp: 321800
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 26.8 20.8 31.2





#79

Terphenyl-d14

Concen: 116.532 ng

RT: 19.945 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM042556.D

Acq: 02 Nov 2023 11:51

Instrument :

BNA_M

ClientSampleId :

PB156788TB

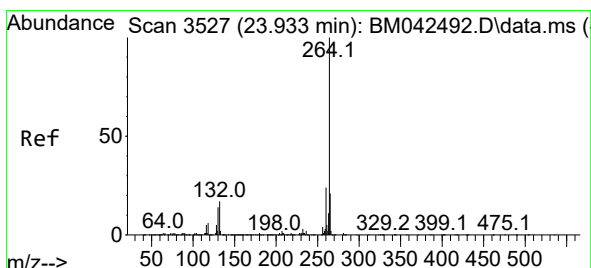
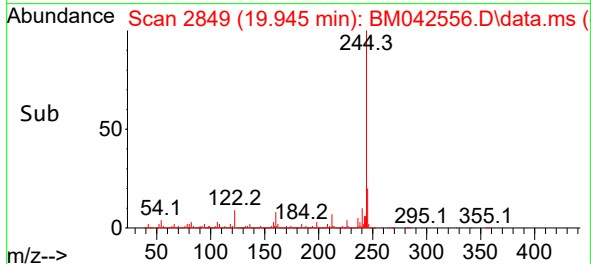
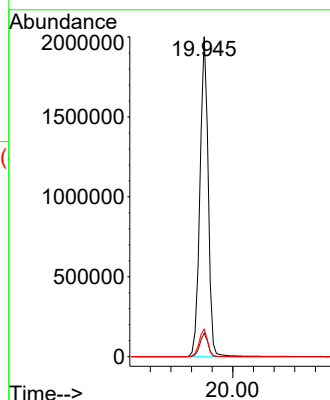
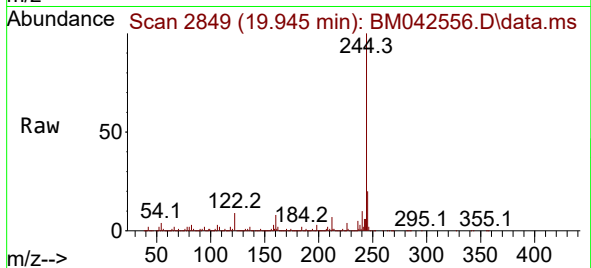
Tgt Ion:244 Resp: 2211603

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: BM042556.D

Acq: 02 Nov 2023 11:51

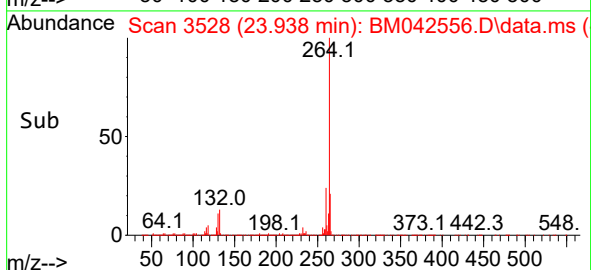
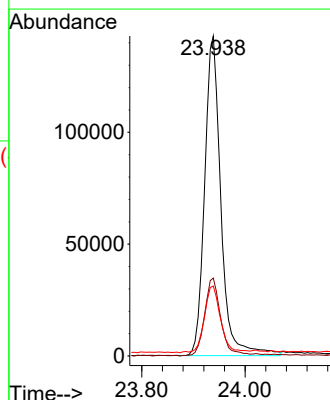
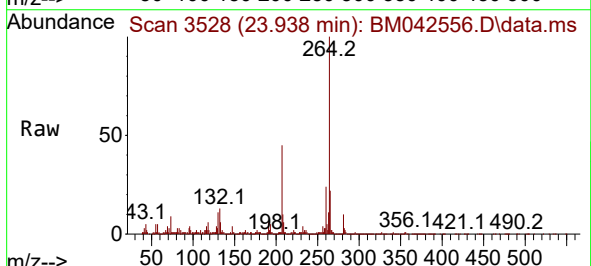
Tgt Ion:264 Resp: 312434

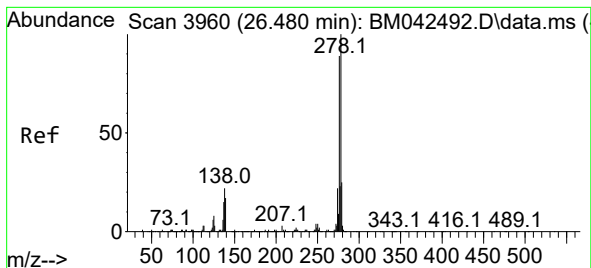
Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 21.9 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.147 ng

RT: 26.491 min Scan# 3962

Delta R.T. 0.011 min

Lab File: BM042556.D

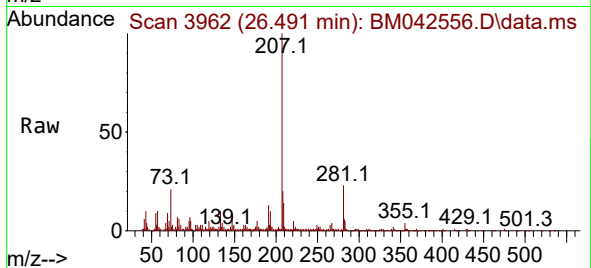
Acq: 02 Nov 2023 11:51

Instrument :

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Tgt Ion:278 Resp: 168

Ion Ratio Lower Upper

278 100

139 199.0 13.4 20.2#

279 178.4 19.7 29.5#

