

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042511.D
 Acq On : 31 Oct 2023 15:16
 Operator : MA/JU
 Sample : PB156527BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156527BL

Quant Time: Nov 01 01:28:07 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	94558	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	351818	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	203556	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	390698	20.000	ng	0.00
76) Chrysene-d12	21.503	240	265476	20.000	ng	0.00
86) Perylene-d12	23.921	264	279452	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	912864	155.804	ng	0.00
7) Phenol-d6	7.093	99	1153211	143.515	ng	0.00
23) Nitrobenzene-d5	9.128	82	767527	101.699	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	401618	151.121	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1541014	101.868	ng	0.00
79) Terphenyl-d14	19.939	244	2028466	129.559	ng	0.00

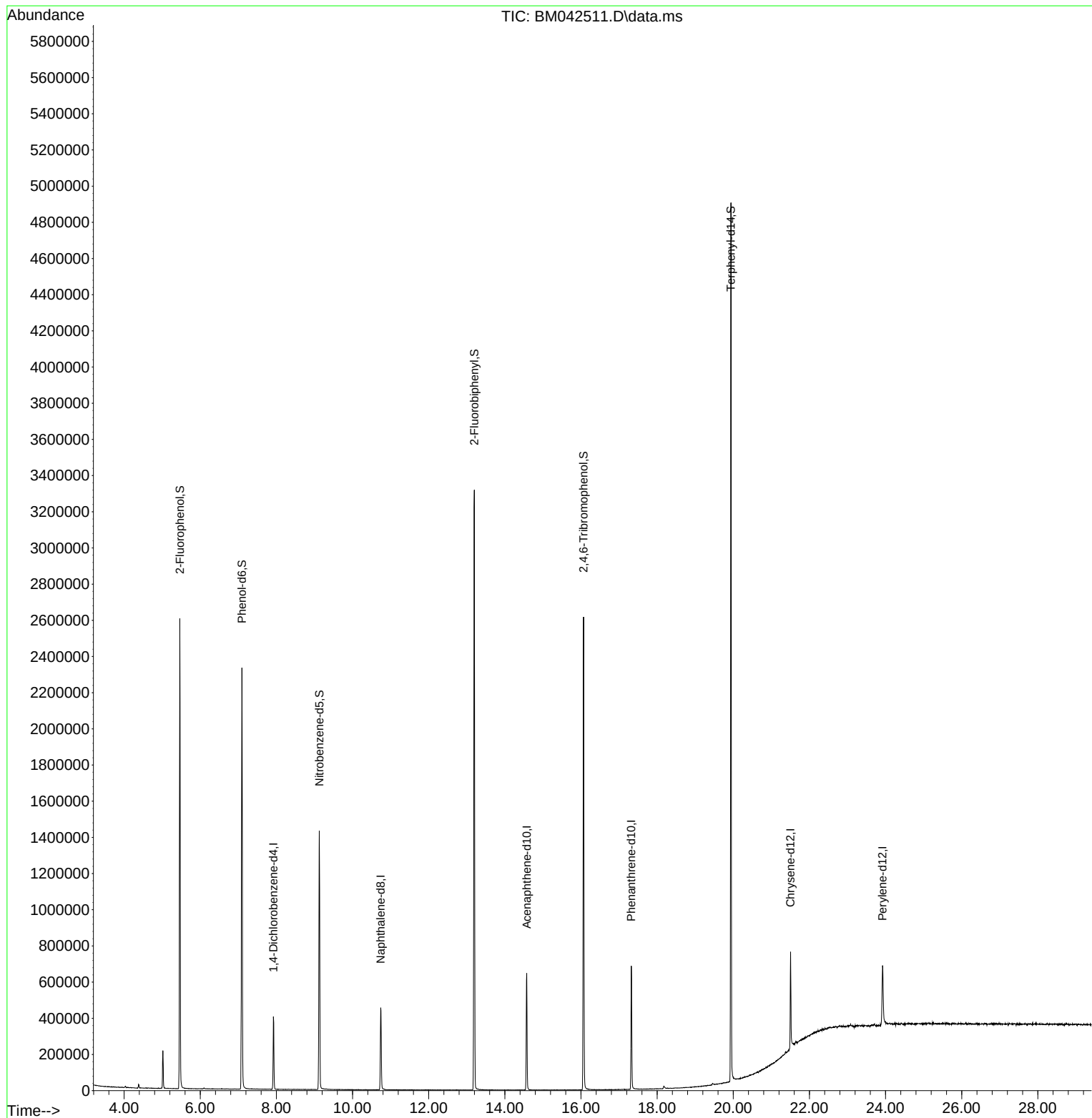
Target Compounds	Qvalue

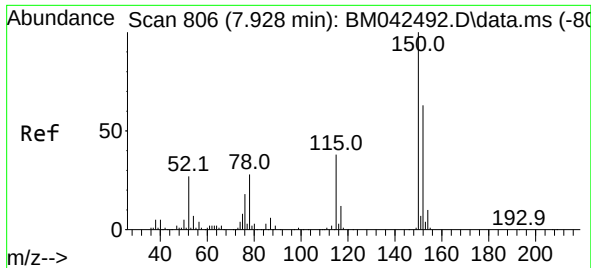
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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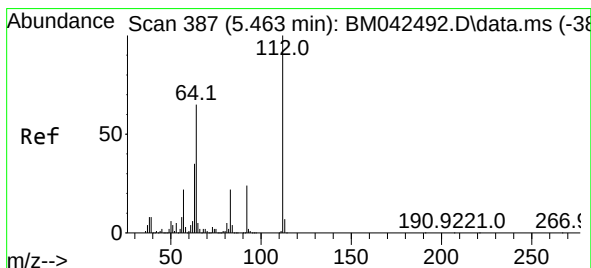
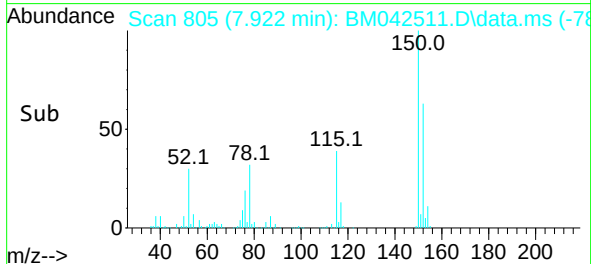
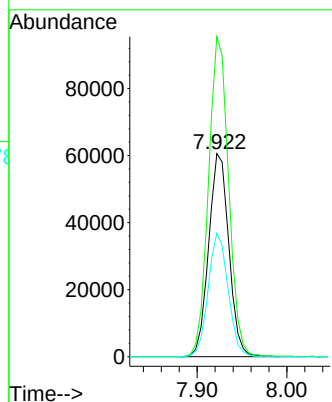
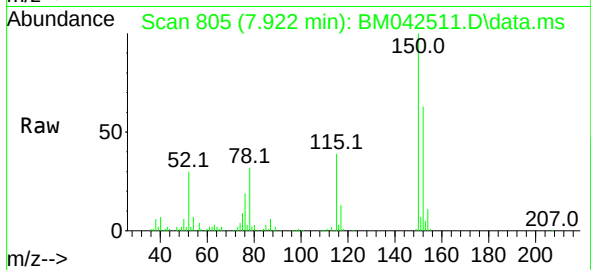




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042511.D
Acq: 31 Oct 2023 15:16

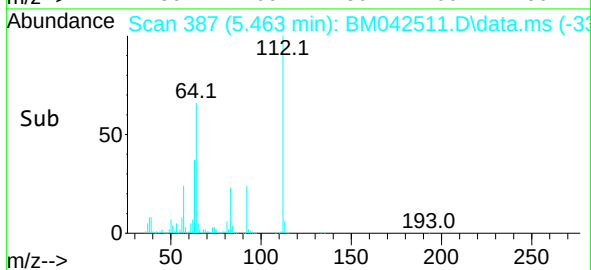
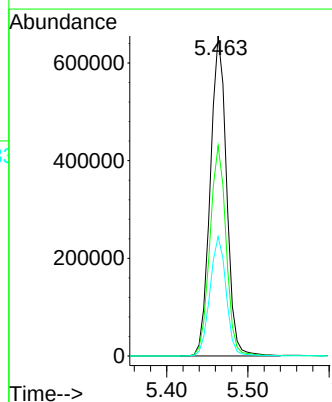
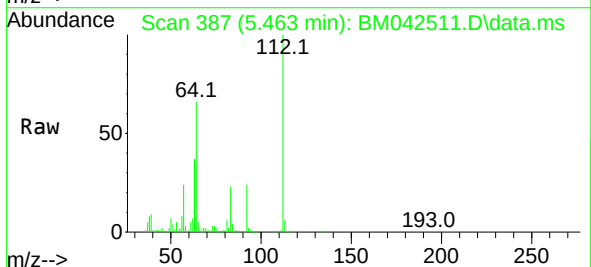
Instrument :
BNA_M
ClientSampleId :
PB156527BL

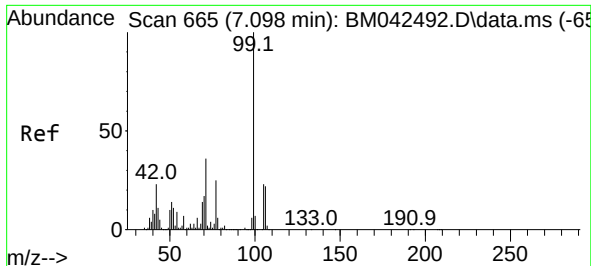
Tgt Ion:152 Resp: 94558
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 60.8 47.9 71.9



#5
2-Fluorophenol
Concen: 155.804 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042511.D
Acq: 31 Oct 2023 15:16

Tgt Ion:112 Resp: 912864
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 37.3 28.3 42.5

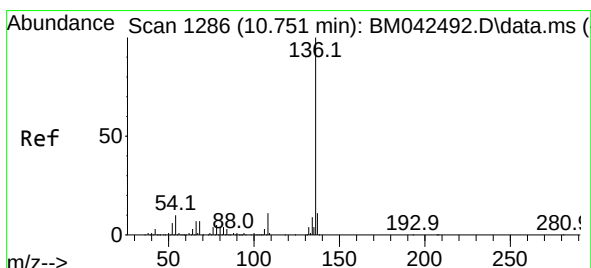
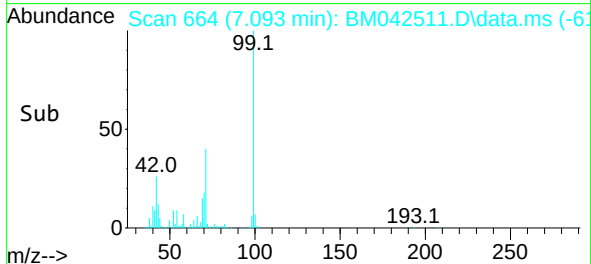
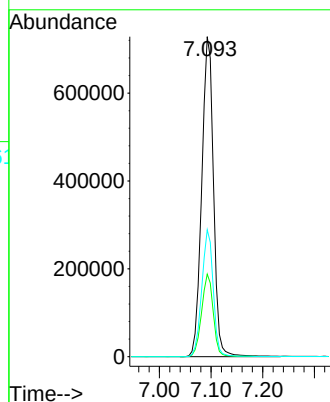
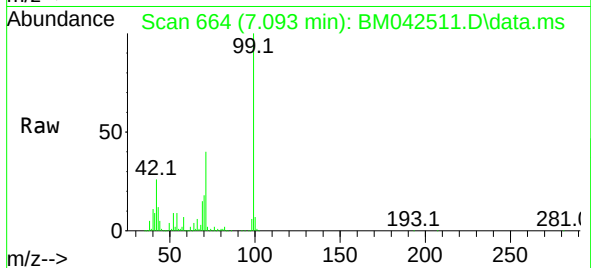




#7
Phenol-d6
Concen: 143.515 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042511.D
Acq: 31 Oct 2023 15:16

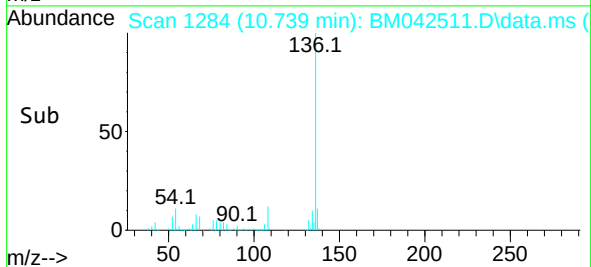
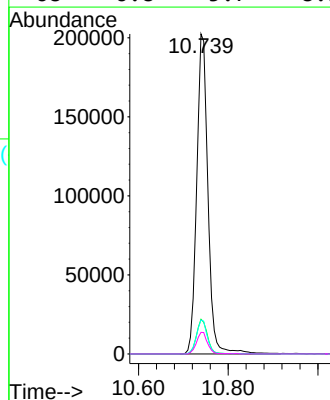
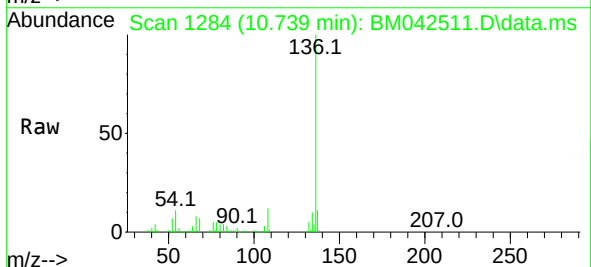
Instrument :
BNA_M
ClientSampleId :
PB156527BL

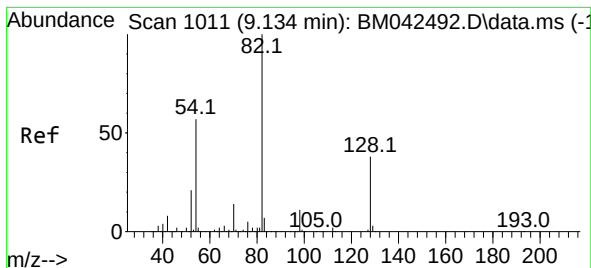
Tgt Ion: 99 Resp: 1153211
Ion Ratio Lower Upper
99 100
42 25.8 18.7 28.1
71 39.6 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042511.D
Acq: 31 Oct 2023 15:16

Tgt Ion:136 Resp: 351818
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.7 8.0 12.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 101.699 ng

RT: 9.128 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM042511.D

Acq: 31 Oct 2023 15:16

Instrument :

BNA_M

ClientSampleId :

PB156527BL

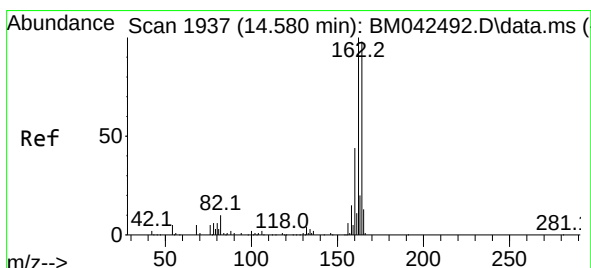
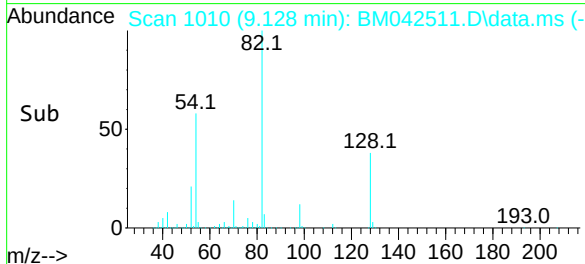
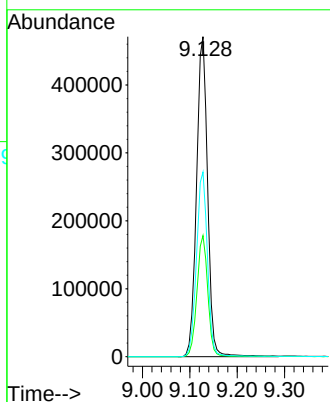
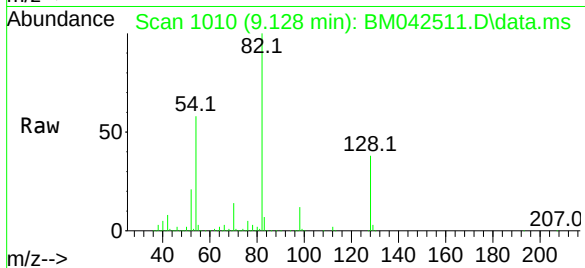
Tgt Ion: 82 Resp: 767527

Ion Ratio Lower Upper

82 100

128 37.8 30.7 46.1

54 57.7 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: BM042511.D

Acq: 31 Oct 2023 15:16

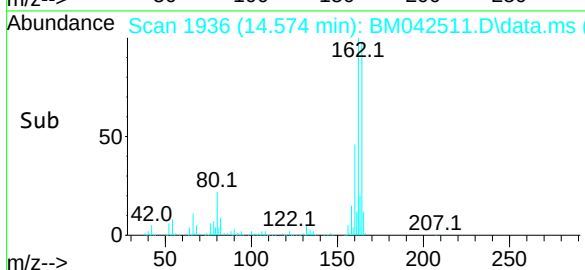
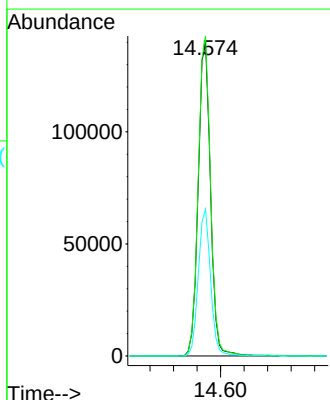
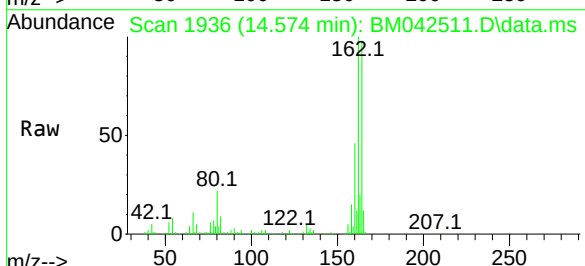
Tgt Ion:164 Resp: 203556

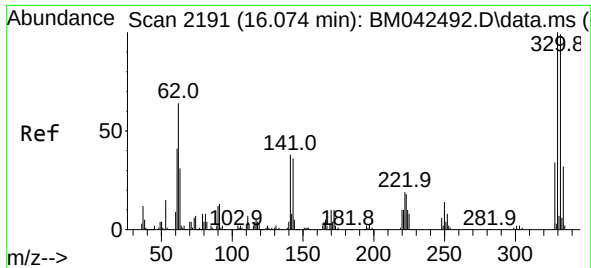
Ion Ratio Lower Upper

164 100

162 102.5 81.6 122.4

160 47.0 36.2 54.4

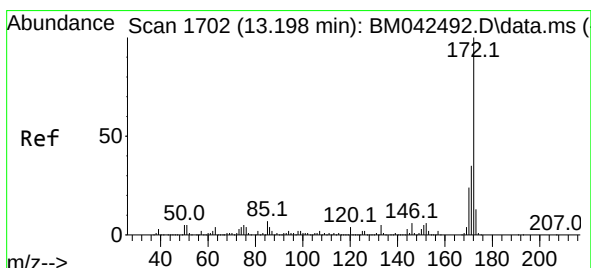
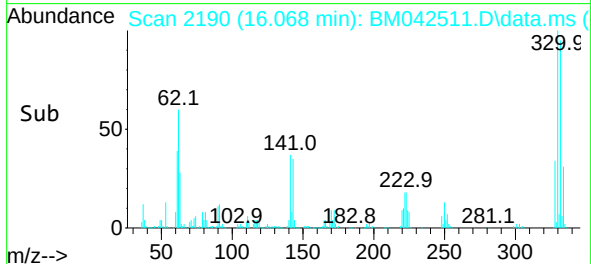
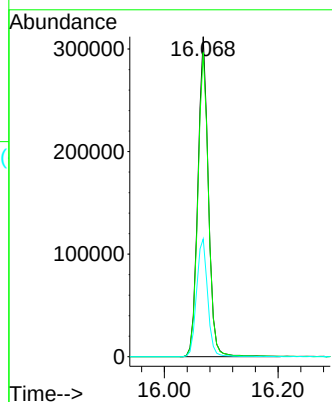
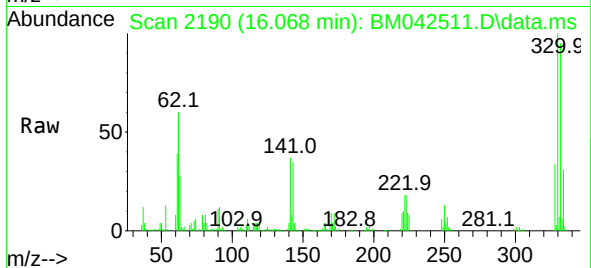




#42
 2,4,6-Tribromophenol
 Concen: 151.121 ng
 RT: 16.068 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042511.D
 Acq: 31 Oct 2023 15:16

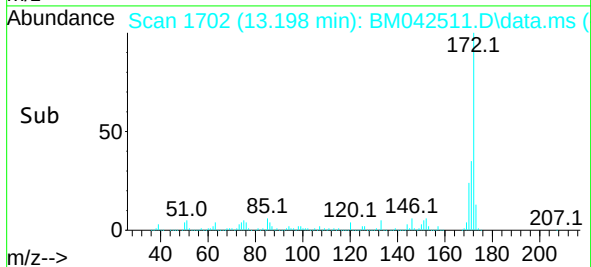
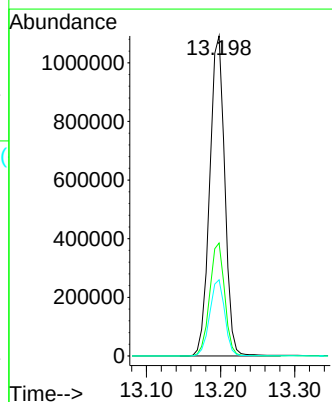
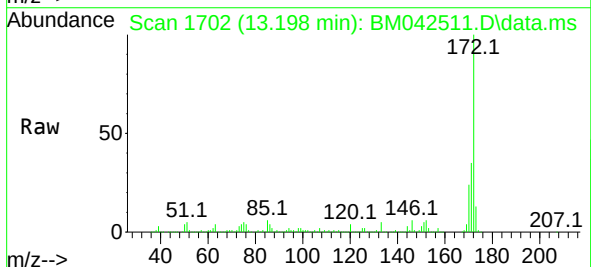
Instrument :
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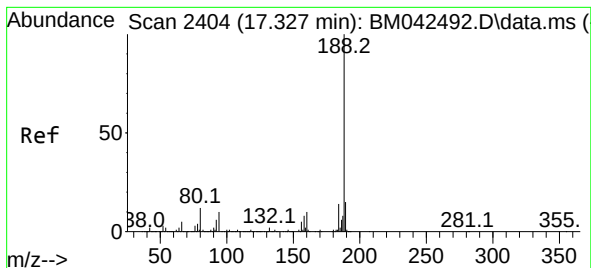
Tgt Ion:330 Resp: 401618
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.8 118.2
 141 38.7 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 101.868 ng
 RT: 13.198 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: BM042511.D
 Acq: 31 Oct 2023 15:16

Tgt Ion:172 Resp: 1541014
 Ion Ratio Lower Upper
 172 100
 171 35.3 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: BM042511.D

Acq: 31 Oct 2023 15:16

Instrument :

BNA_M

ClientSampleId :

PB156527BL

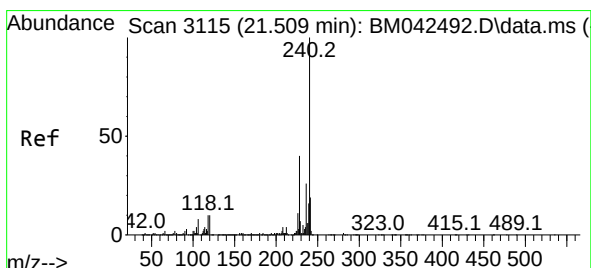
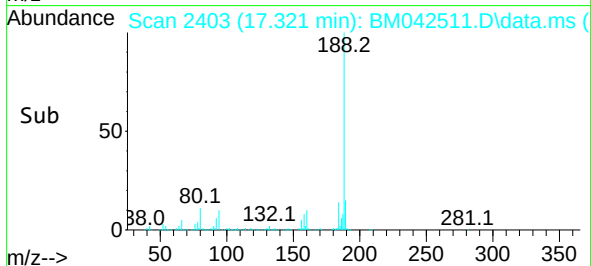
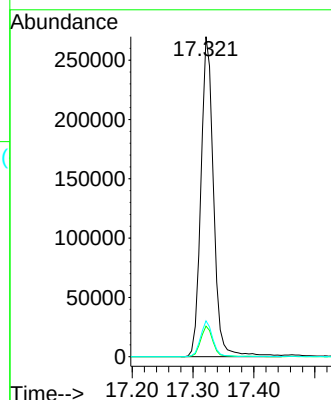
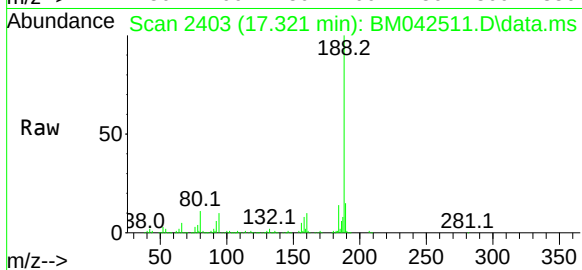
Tgt Ion:188 Resp: 390698

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

80 11.2 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: BM042511.D

Acq: 31 Oct 2023 15:16

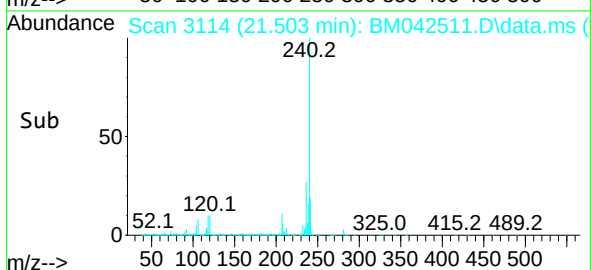
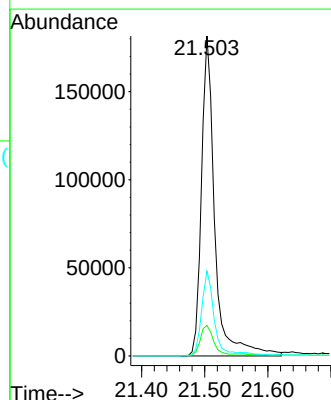
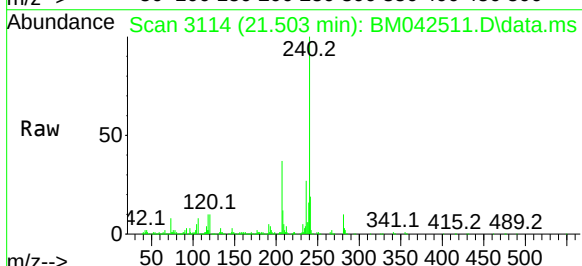
Tgt Ion:240 Resp: 265476

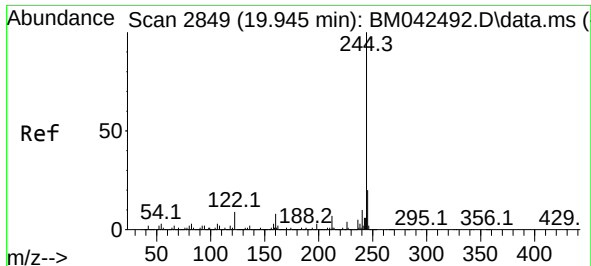
Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

236 26.5 20.8 31.2

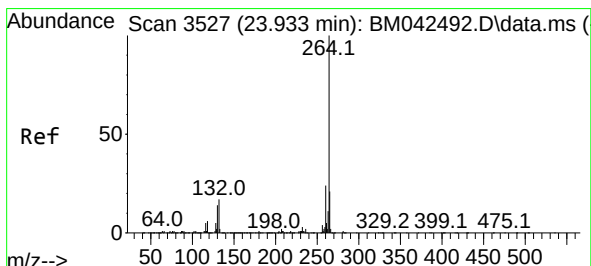
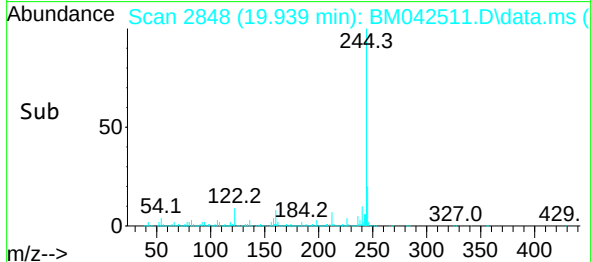
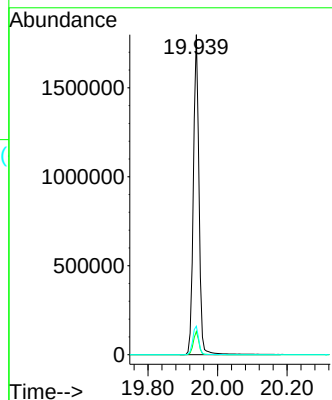
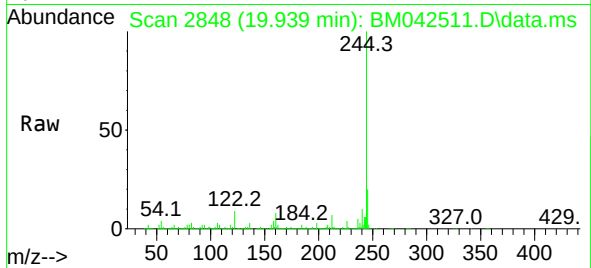




#79
 Terphenyl-d14
 Concen: 129.559 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042511.D
 Acq: 31 Oct 2023 15:16

Instrument :
 BNA_M
 ClientSampleId :
 PB156527BL

Tgt Ion:244 Resp: 2028466
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.9 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: BM042511.D
 Acq: 31 Oct 2023 15:16

Tgt Ion:264 Resp: 279452
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 23.1 18.7 28.1

