

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041929.D
 Acq On : 20 Sep 2023 07:05
 Operator : MA/JU
 Sample : 04453-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-9-14

Quant Time: Sep 20 07:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	262540	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1094788	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	721167	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1595581	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1420913	20.000	ng	-0.02
86) Perylene-d12	23.944	264	1321448	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	796721	50.545	ng	0.00
7) Phenol-d6	7.098	99	603748	27.586	ng	-0.01
23) Nitrobenzene-d5	9.151	82	1929049	89.714	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	1341459	149.084	ng	-0.01
45) 2-Fluorobiphenyl	13.227	172	4422984	90.019	ng	0.00
79) Terphenyl-d14	19.968	244	7789983	99.850	ng	0.00

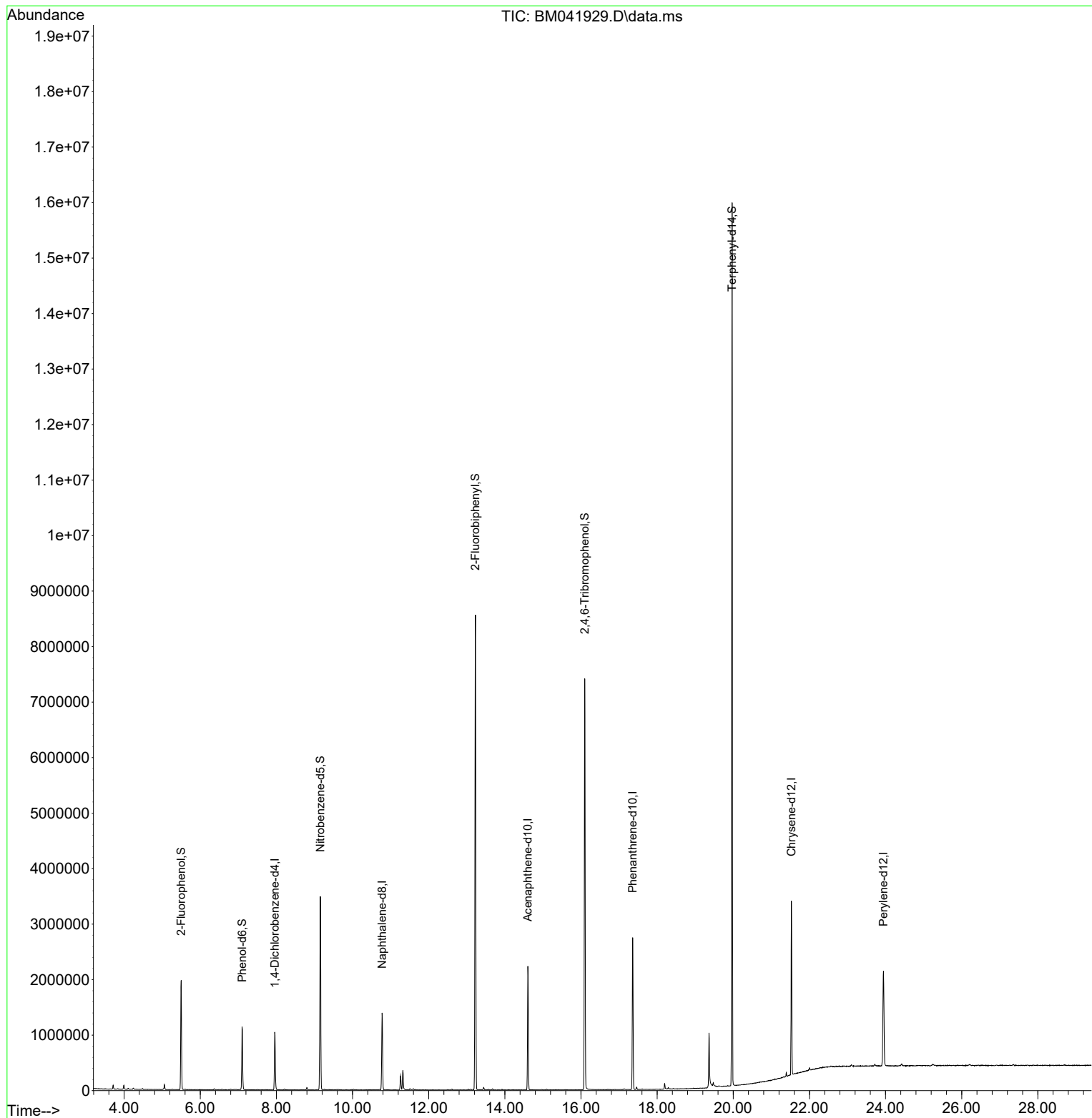
Target Compounds	Qvalue

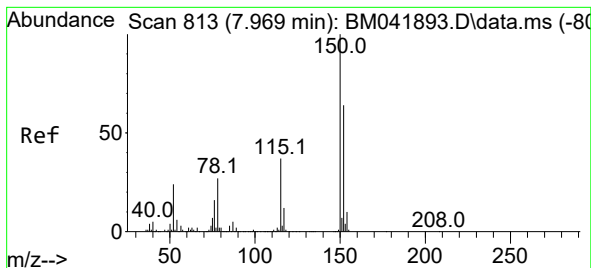
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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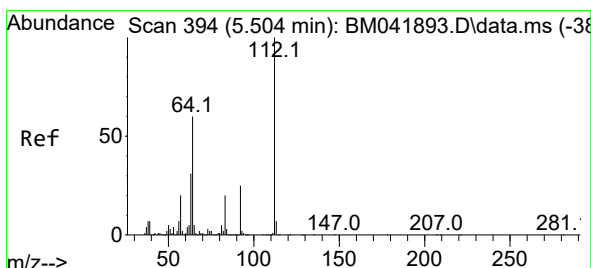
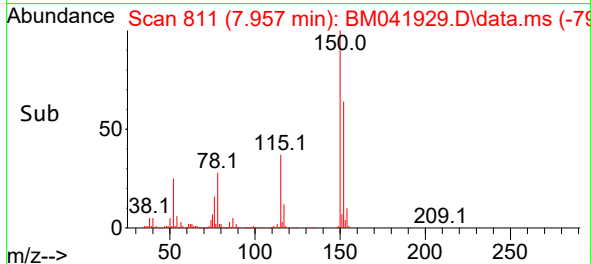
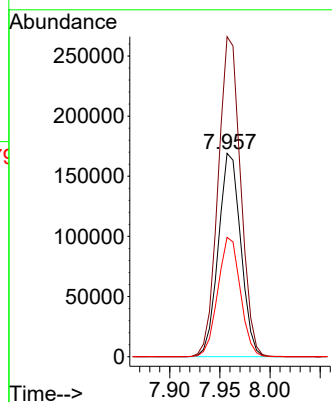
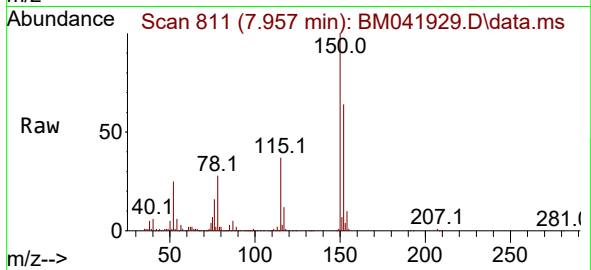




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM041929.D
Acq: 20 Sep 2023 07:05

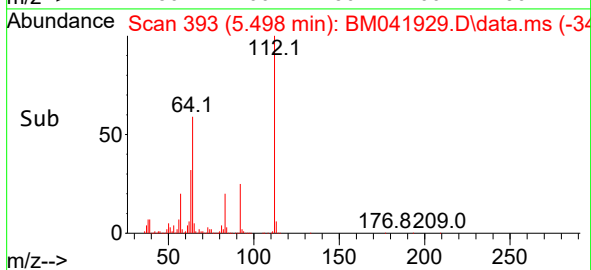
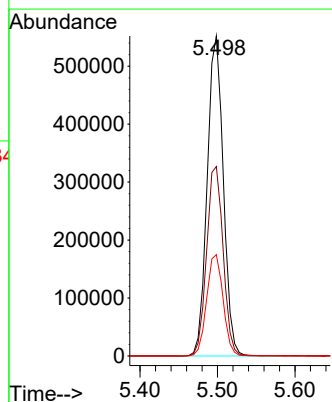
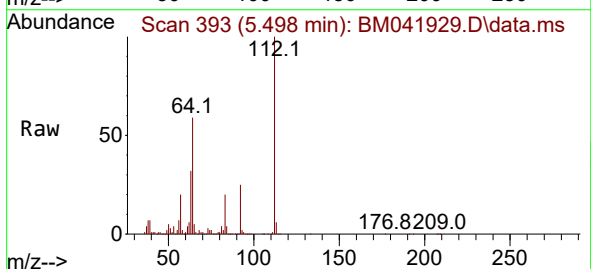
Instrument :
BNA_M
ClientSampleId :
FB-9-14

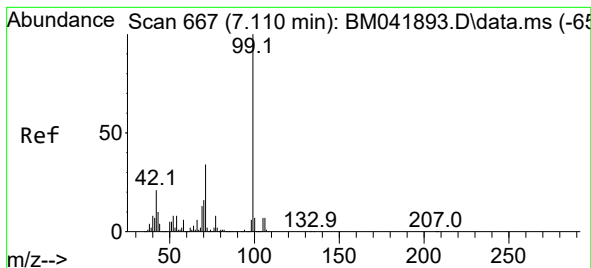
Tgt Ion:152 Resp: 262540
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 58.7 46.8 70.2



#5
2-Fluorophenol
Concen: 50.545 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041929.D
Acq: 20 Sep 2023 07:05

Tgt Ion:112 Resp: 796721
Ion Ratio Lower Upper
112 100
64 59.2 48.1 72.1
63 31.7 25.0 37.6





#7

Phenol-d6

Concen: 27.586 ng

RT: 7.098 min Scan# 60

Delta R.T. -0.012 min

Lab File: BM041929.D

Acq: 20 Sep 2023 07:05

Instrument :

BNA_M

ClientSampleId :

FB-9-14

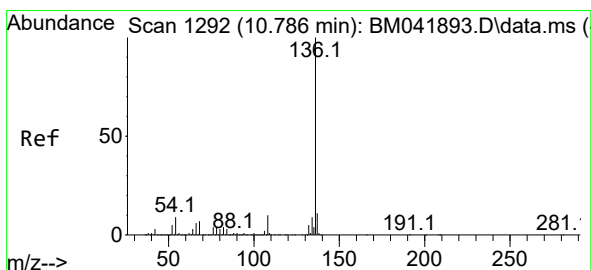
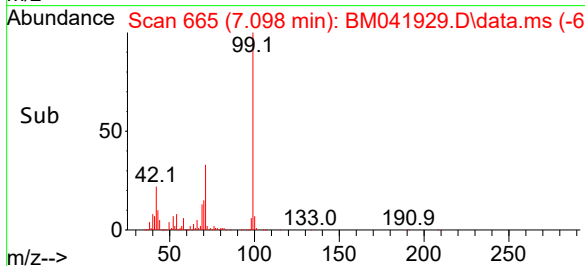
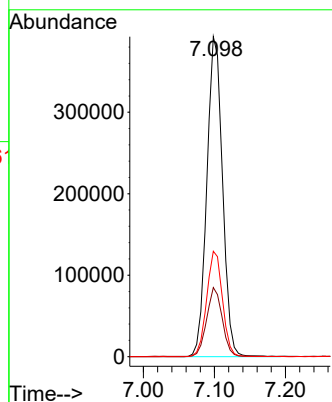
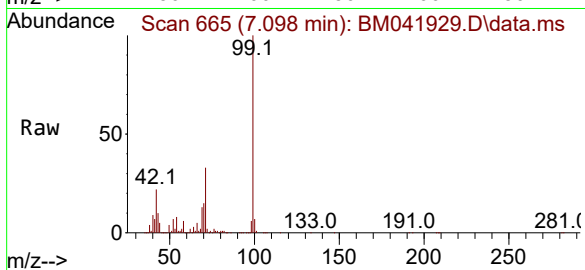
Tgt Ion: 99 Resp: 603748

Ion Ratio Lower Upper

99 100

42 21.6 16.6 25.0

71 32.9 26.8 40.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.775 min Scan# 1290

Delta R.T. -0.012 min

Lab File: BM041929.D

Acq: 20 Sep 2023 07:05

Tgt Ion:136 Resp: 1094788

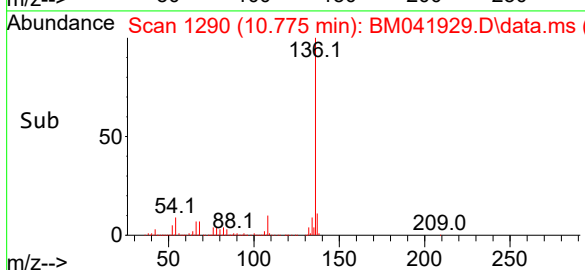
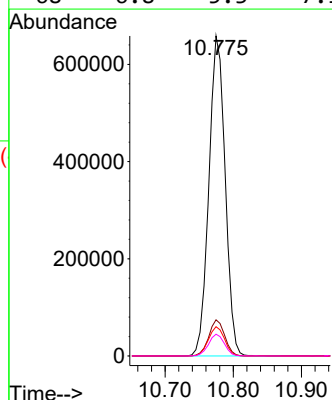
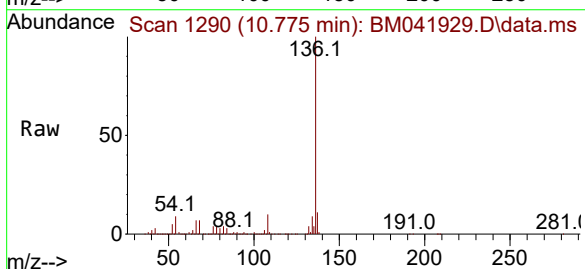
Ion Ratio Lower Upper

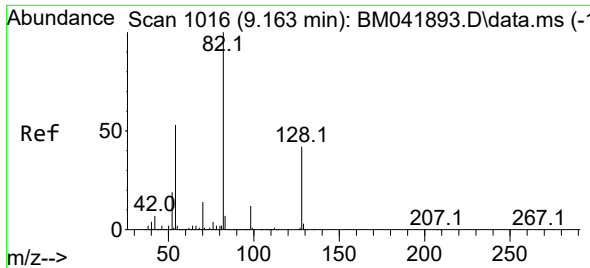
136 100

137 11.3 8.6 13.0

54 9.1 7.0 10.4

68 6.8 5.3 7.9

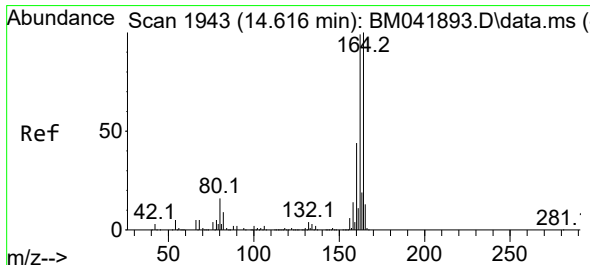
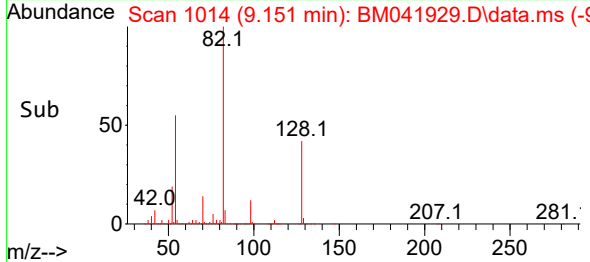
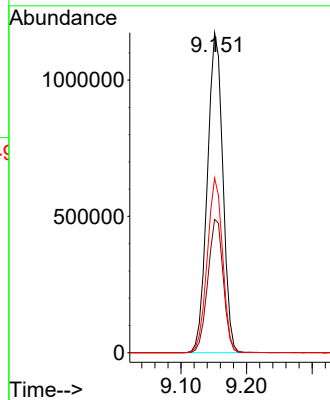
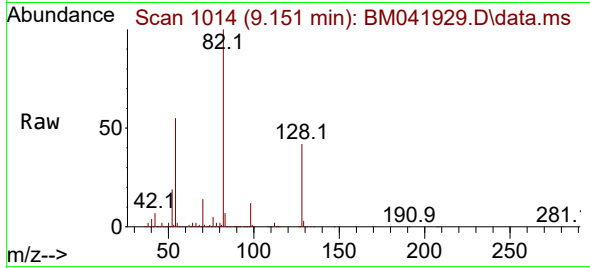




#23
Nitrobenzene-d5
Concen: 89.714 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM041929.D
Acq: 20 Sep 2023 07:05

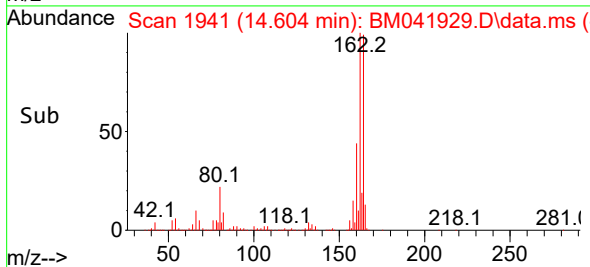
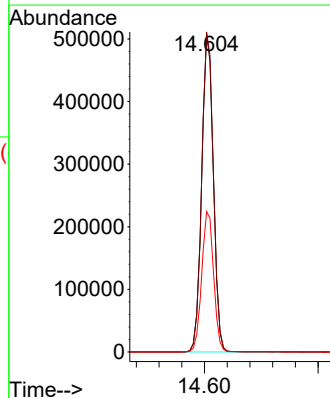
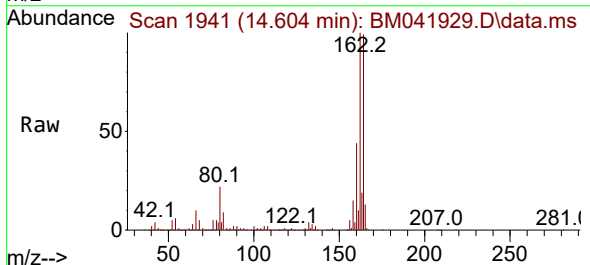
Instrument :
BNA_M
ClientSampleId :
FB-9-14

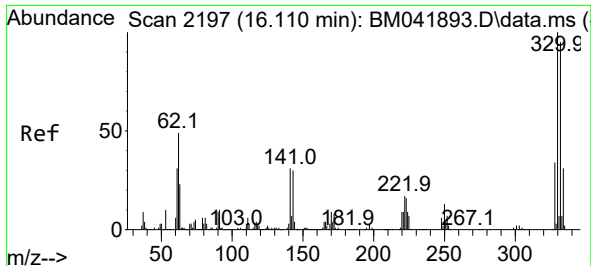
Tgt Ion: 82 Resp: 1929049
Ion Ratio Lower Upper
82 100
128 41.6 33.8 50.6
54 54.6 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM041929.D
Acq: 20 Sep 2023 07:05

Tgt Ion: 164 Resp: 721167
Ion Ratio Lower Upper
164 100
162 100.7 79.3 118.9
160 44.2 35.6 53.4

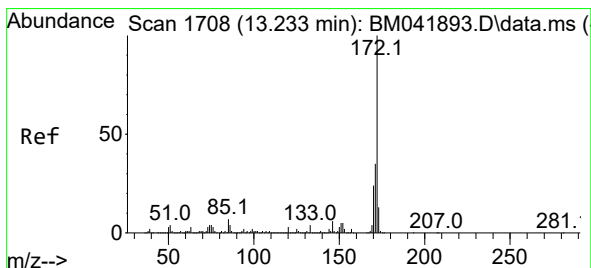
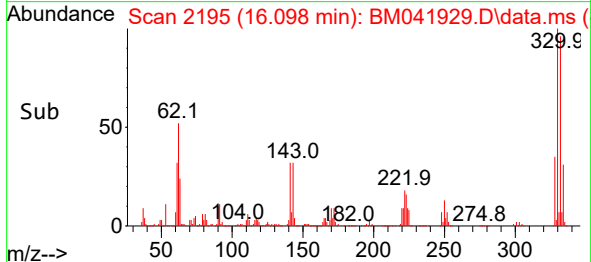
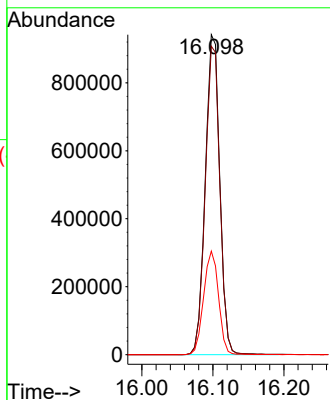
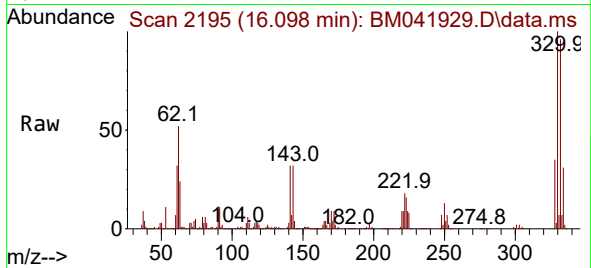




#42
2,4,6-Tribromophenol
Concen: 149.084 ng
RT: 16.098 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BM041929.D
Acq: 20 Sep 2023 07:05

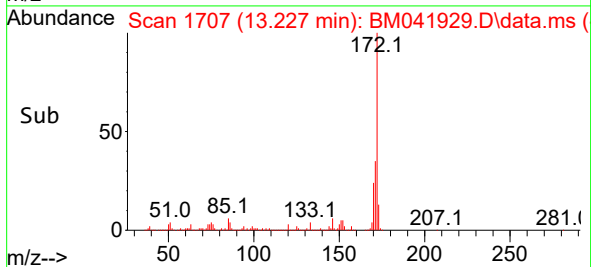
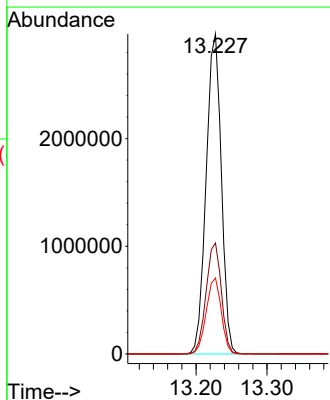
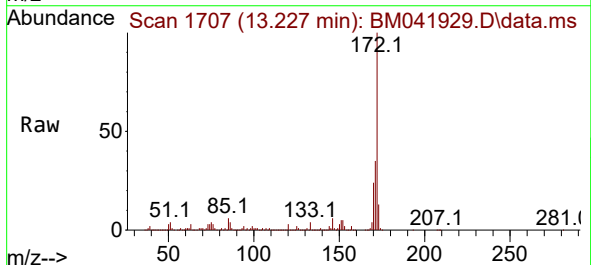
Instrument :
BNA_M
ClientSampleId :
FB-9-14

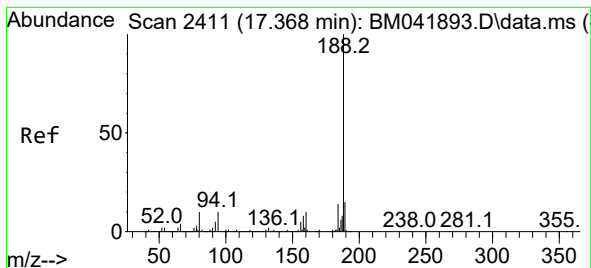
Tgt Ion:330 Resp: 1341459
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 33.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 90.019 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041929.D
Acq: 20 Sep 2023 07:05

Tgt Ion:172 Resp: 4422984
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BM041929.D

Acq: 20 Sep 2023 07:05

Instrument :

BNA_M

ClientSampleId :

FB-9-14

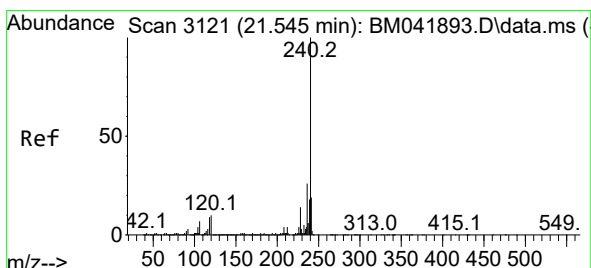
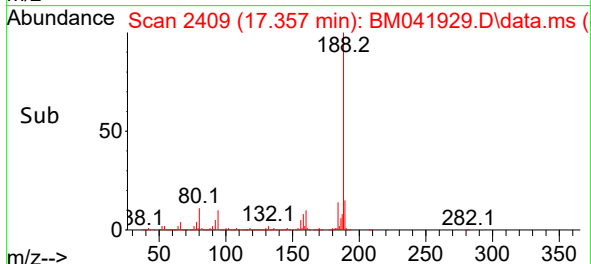
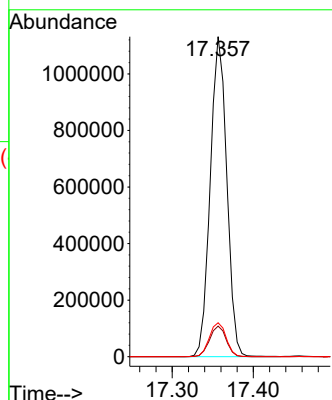
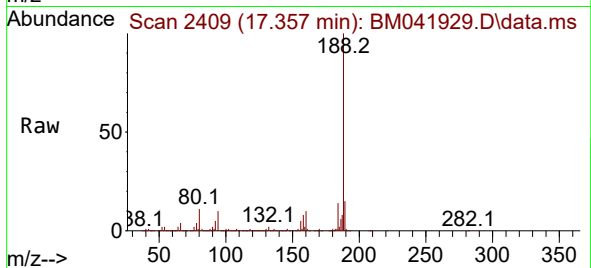
Tgt Ion:188 Resp: 1595581

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.6 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.018 min

Lab File: BM041929.D

Acq: 20 Sep 2023 07:05

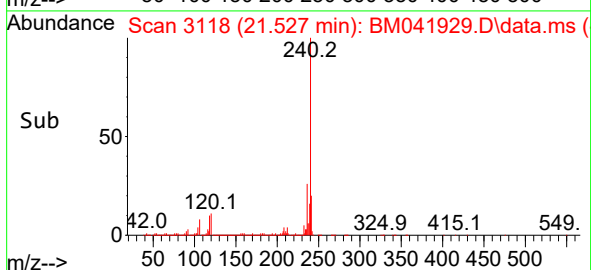
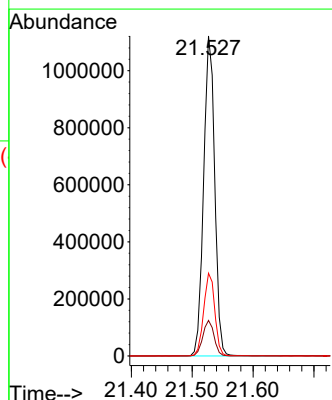
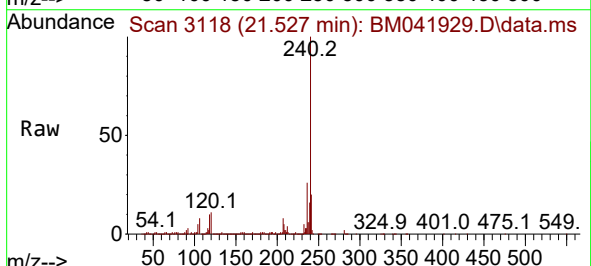
Tgt Ion:240 Resp: 1420913

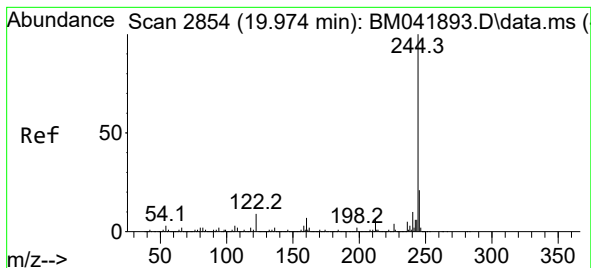
Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 99.850 ng

RT: 19.968 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM041929.D

Acq: 20 Sep 2023 07:05

Instrument :

BNA_M

ClientSampleId :

FB-9-14

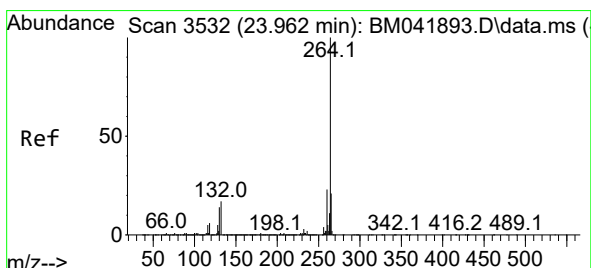
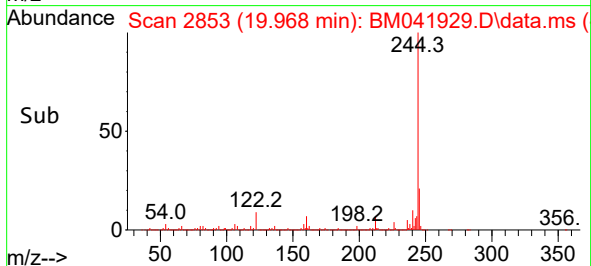
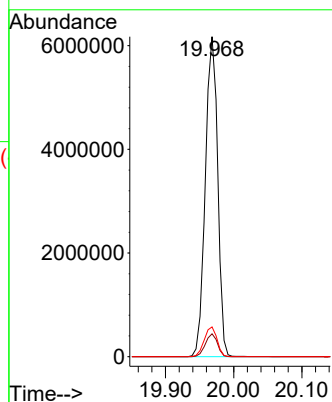
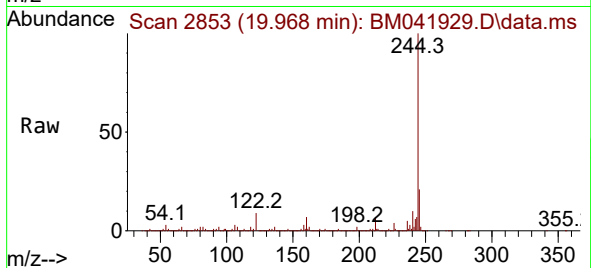
Tgt Ion:244 Resp: 7789983

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3529

Delta R.T. -0.018 min

Lab File: BM041929.D

Acq: 20 Sep 2023 07:05

Tgt Ion:264 Resp: 1321448

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.6 17.0 25.6

