

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041918.D
 Acq On : 20 Sep 2023 00:28
 Operator : MA/JU
 Sample : 04343-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-2-23RD-STREET

Quant Time: Sep 20 02:13:54 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	7.963	152	299595	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1251647	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	808313	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1770977	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1682526	20.000	ng	-0.01
86) Perylene-d12	23.945	264	1753450	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	890155	49.488	ng	0.00
7) Phenol-d6	7.104	99	758425	30.368	ng	0.00
23) Nitrobenzene-d5	9.157	82	2324792	94.569	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	996530	98.810	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	5170155	93.882	ng	0.00
79) Terphenyl-d14	19.968	244	8008591	86.691	ng	0.00

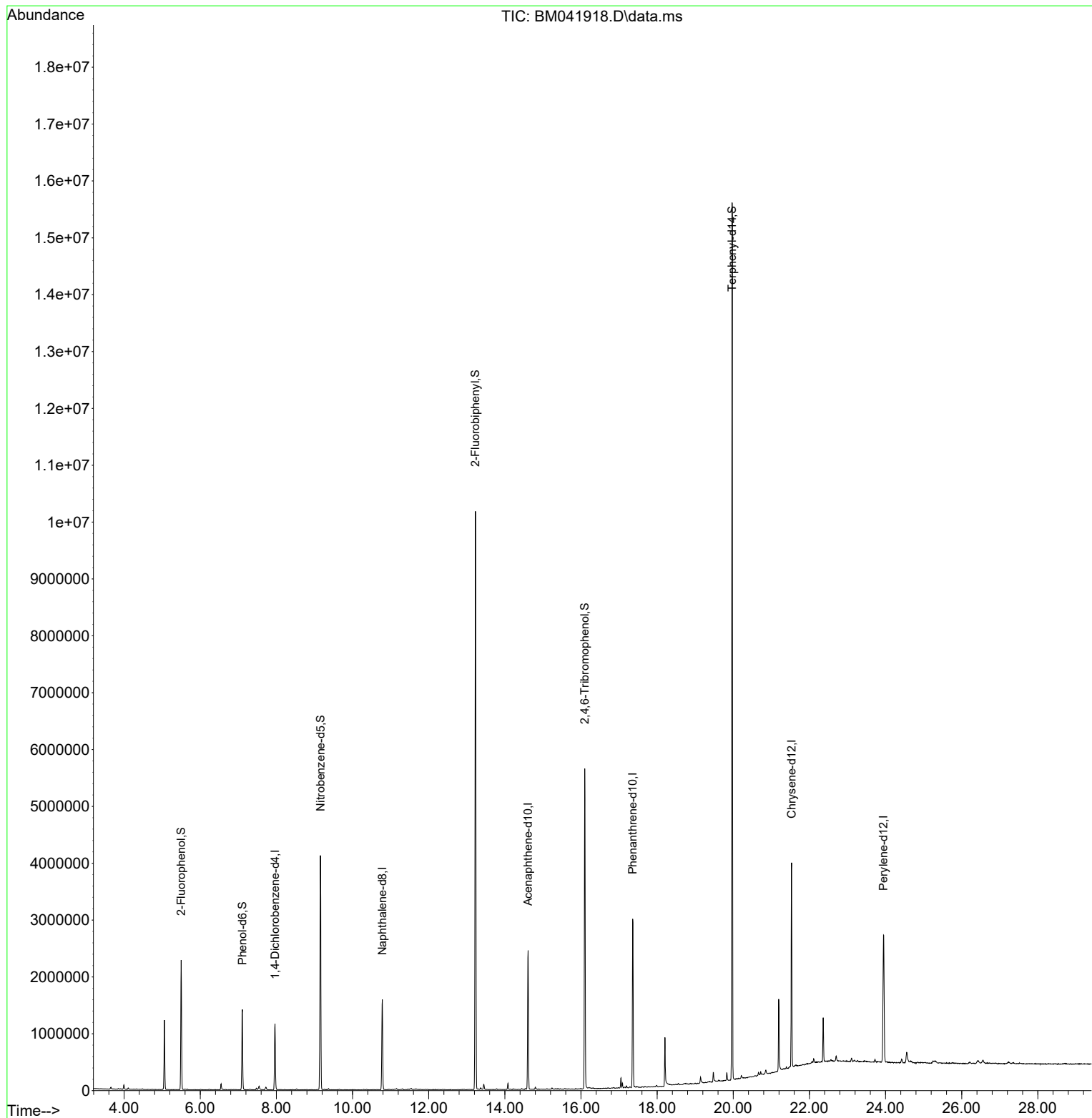
Target Compounds	Qvalue

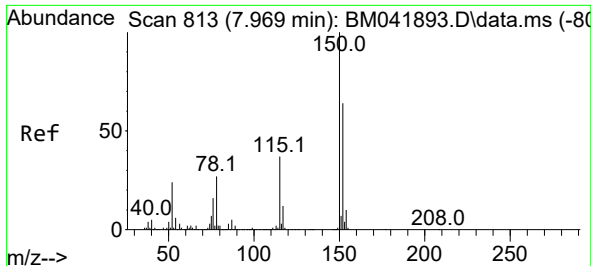
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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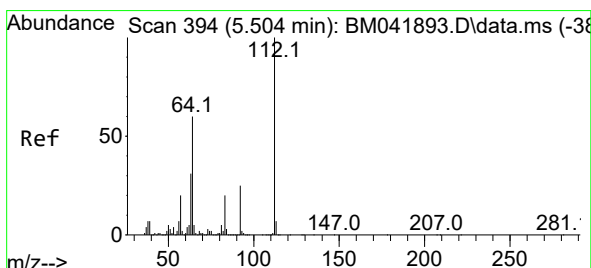
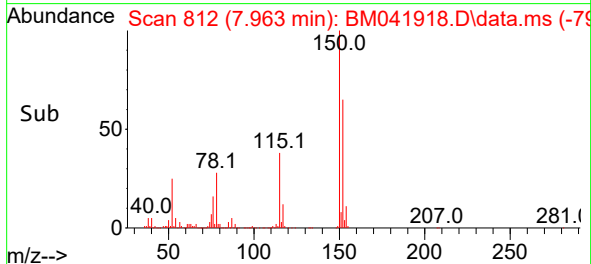
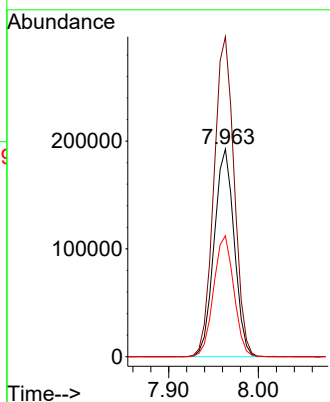
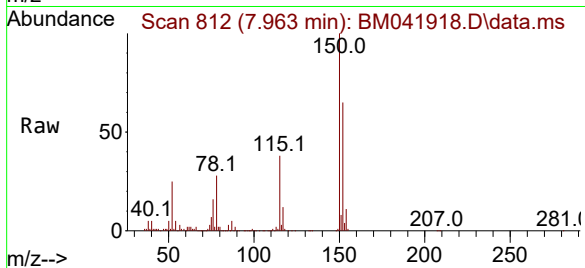




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041918.D
Acq: 20 Sep 2023 00:28

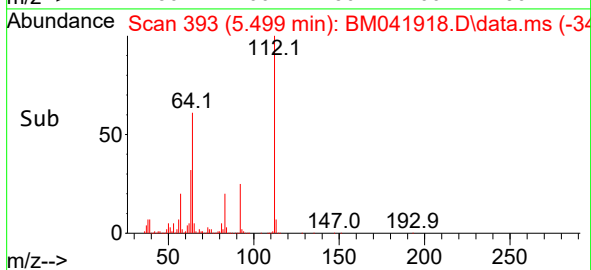
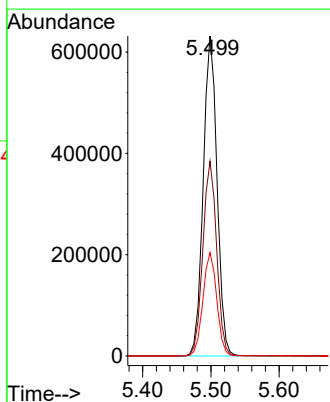
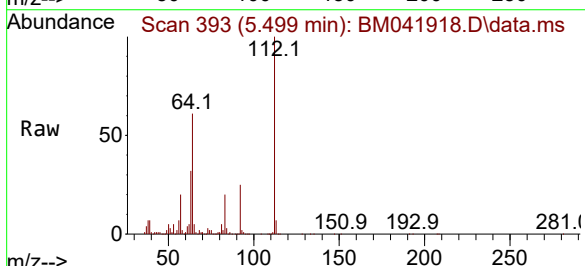
Instrument :
BNA_M
ClientSampleId :
SAMPLE-2-23RD-STREET

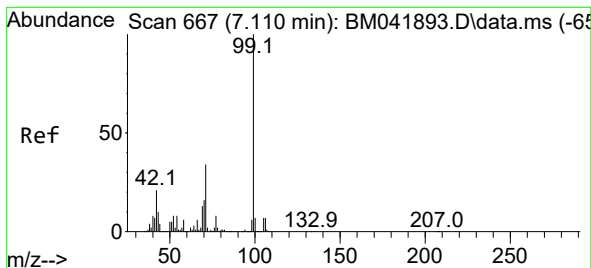
Tgt Ion:152 Resp: 299595
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 58.3 46.8 70.2



#5
2-Fluorophenol
Concen: 49.488 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041918.D
Acq: 20 Sep 2023 00:28

Tgt Ion:112 Resp: 890155
Ion Ratio Lower Upper
112 100
64 60.9 48.1 72.1
63 32.3 25.0 37.6





#7

Phenol-d6

Concen: 30.368 ng

RT: 7.104 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM041918.D

Acq: 20 Sep 2023 00:28

Instrument :

BNA_M

ClientSampleId :

SAMPLE-2-23RD-STREET

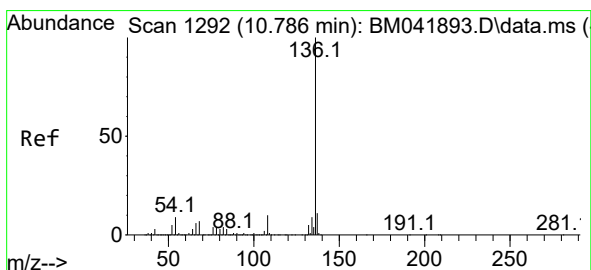
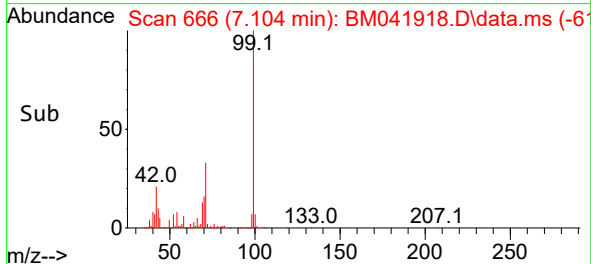
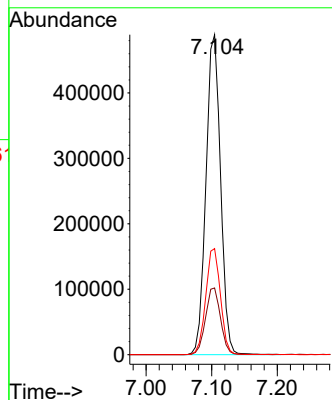
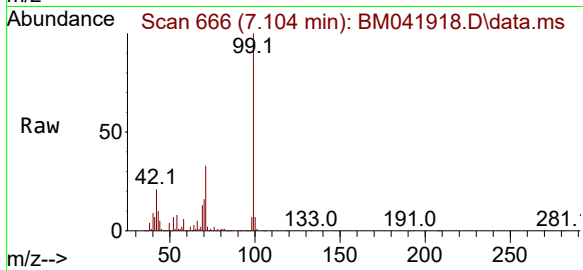
Tgt Ion: 99 Resp: 758425

Ion Ratio Lower Upper

99 100

42 20.9 16.6 25.0

71 33.2 26.8 40.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BM041918.D

Acq: 20 Sep 2023 00:28

Tgt Ion:136 Resp: 1251647

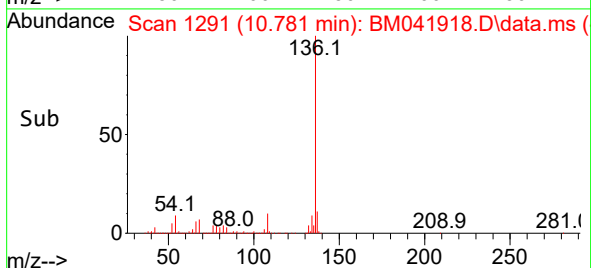
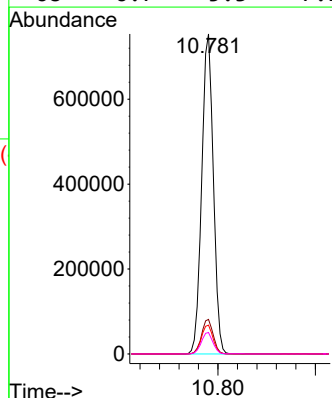
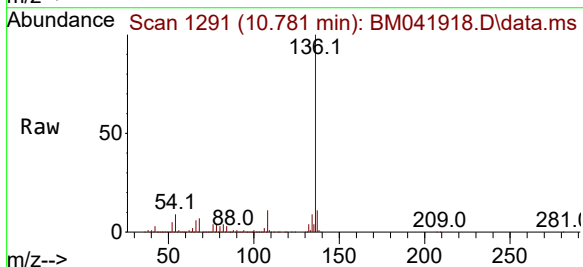
Ion Ratio Lower Upper

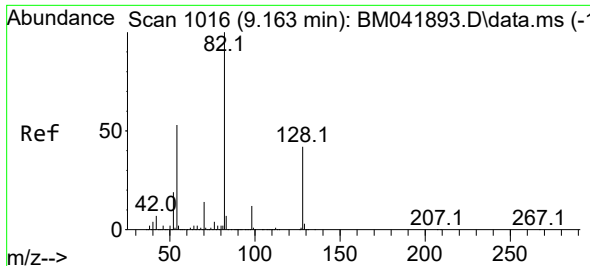
136 100

137 10.8 8.6 13.0

54 9.0 7.0 10.4

68 6.7 5.3 7.9

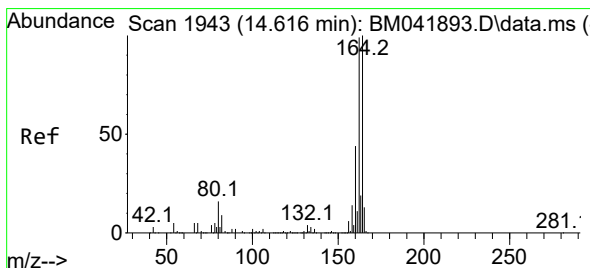
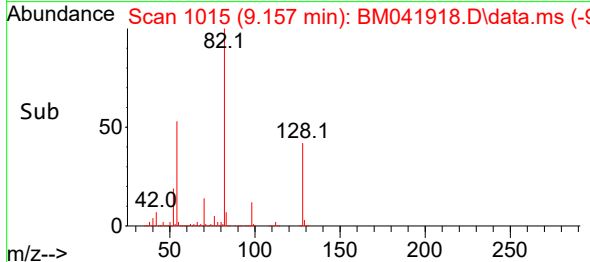
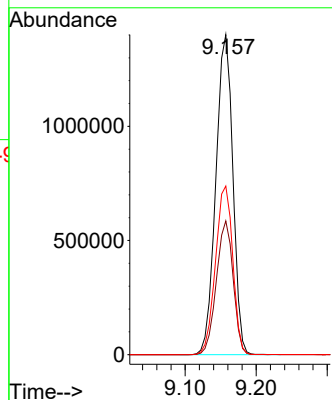
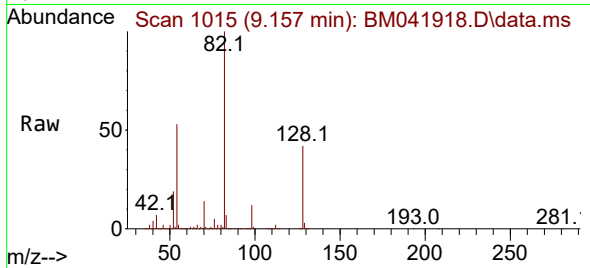




#23
Nitrobenzene-d5
Concen: 94.569 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041918.D
Acq: 20 Sep 2023 00:28

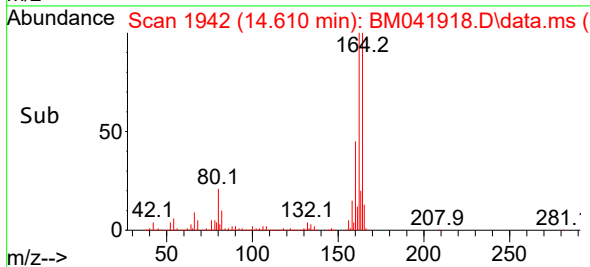
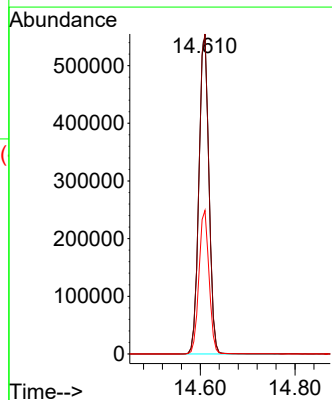
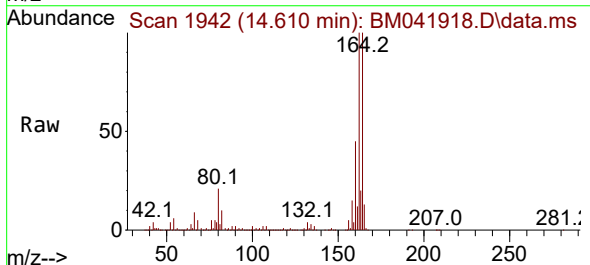
Instrument :
BNA_M
ClientSampleId :
SAMPLE-2-23RD-STREET

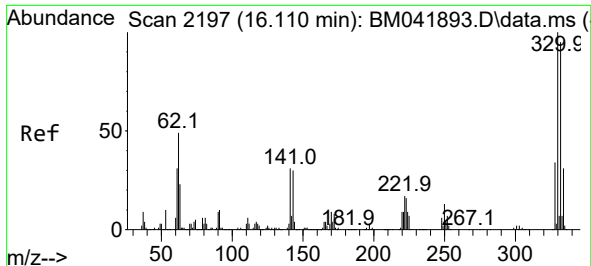
Tgt Ion: 82 Resp: 2324792
Ion Ratio Lower Upper
82 100
128 41.8 33.8 50.6
54 52.7 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM041918.D
Acq: 20 Sep 2023 00:28

Tgt Ion: 164 Resp: 808313
Ion Ratio Lower Upper
164 100
162 100.2 79.3 118.9
160 44.9 35.6 53.4

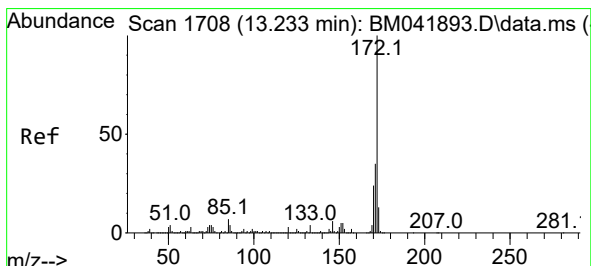
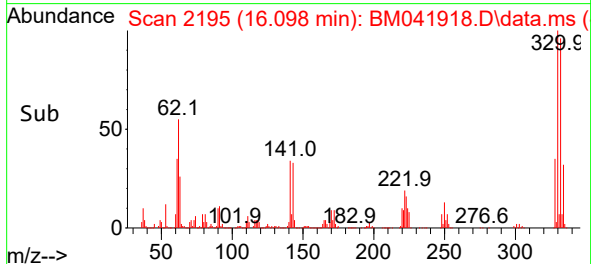
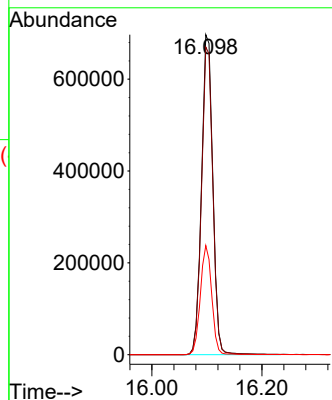
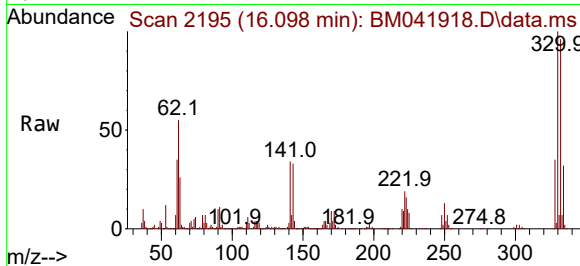




#42
2,4,6-Tribromophenol
Concen: 98.810 ng
RT: 16.098 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BM041918.D
Acq: 20 Sep 2023 00:28

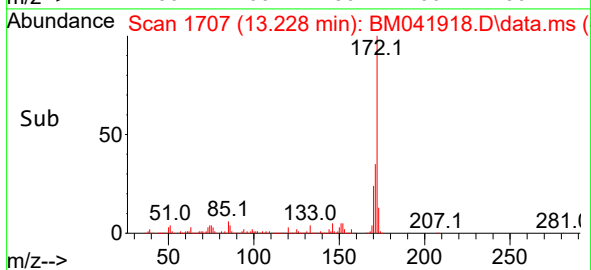
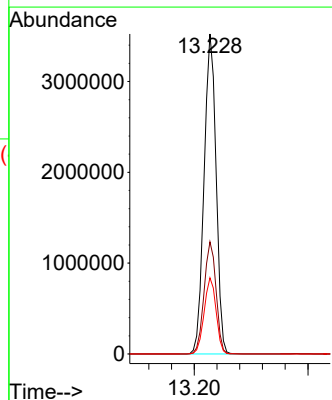
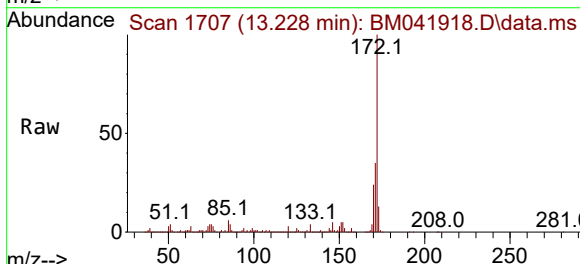
Instrument :
BNA_M
ClientSampleId :
SAMPLE-2-23RD-STREET

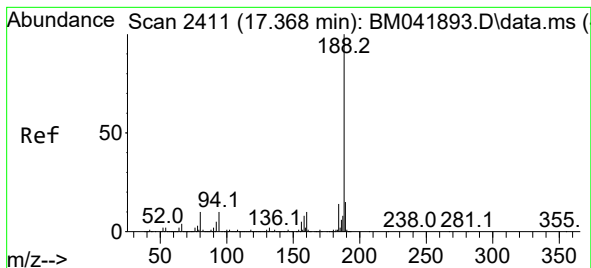
Tgt Ion:330 Resp: 996530
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 34.4 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 93.882 ng
RT: 13.228 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041918.D
Acq: 20 Sep 2023 00:28

Tgt Ion:172 Resp: 5170155
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.8 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: BM041918.D

Acq: 20 Sep 2023 00:28

Instrument :

BNA_M

ClientSampleId :

SAMPLE-2-23RD-STREET

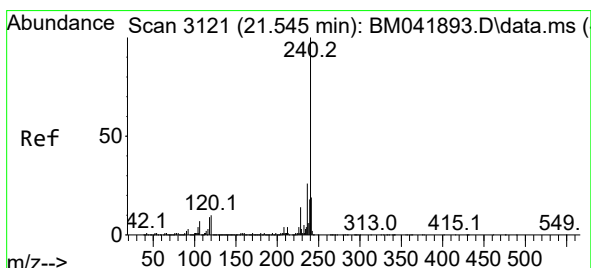
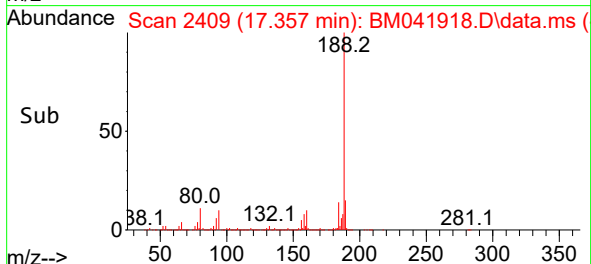
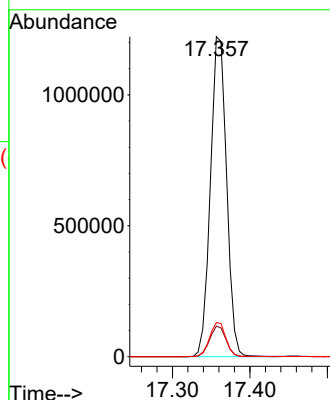
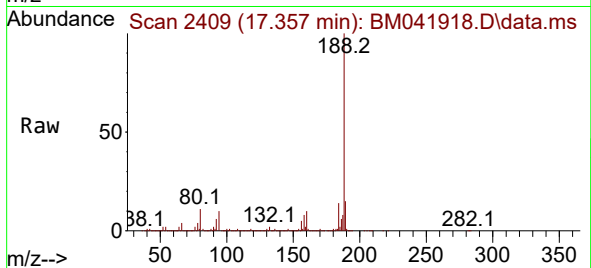
Tgt Ion:188 Resp: 1770977

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.7 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BM041918.D

Acq: 20 Sep 2023 00:28

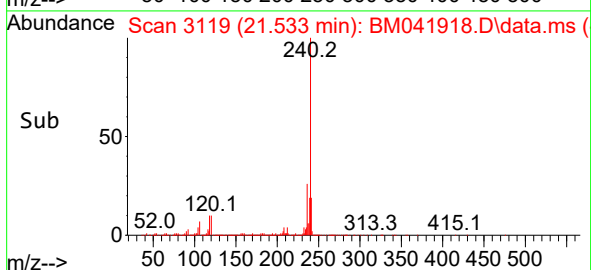
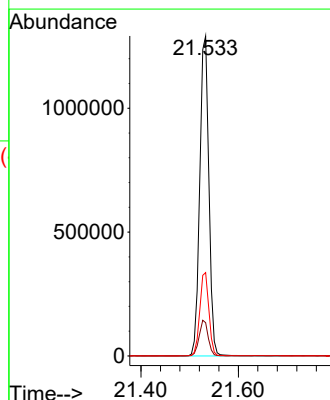
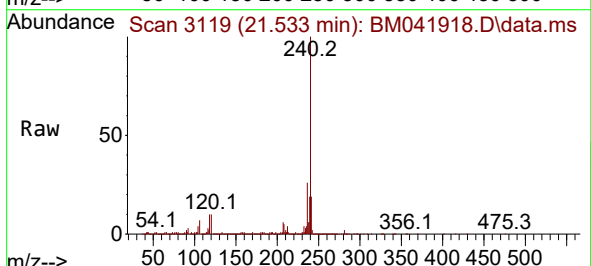
Tgt Ion:240 Resp: 1682526

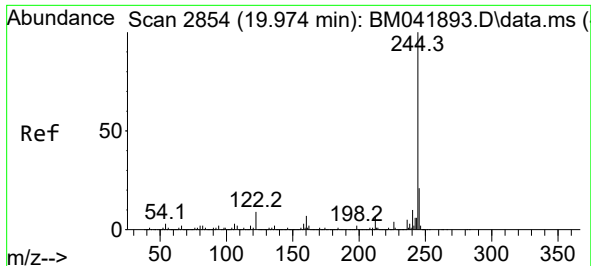
Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 26.0 20.7 31.1

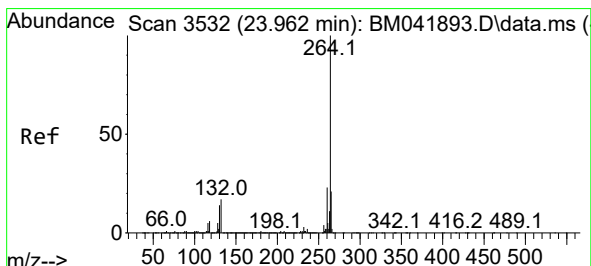
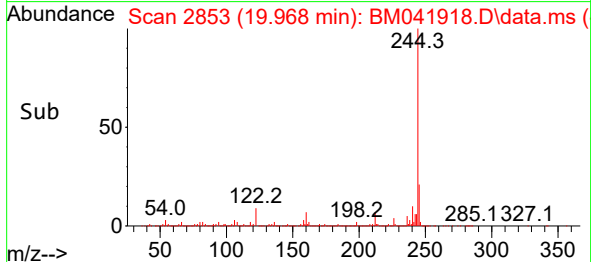
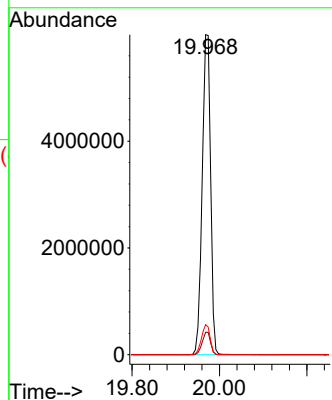
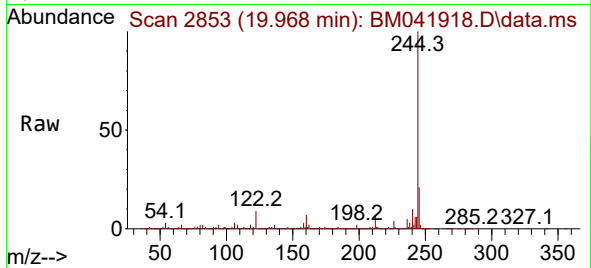




#79
 Terphenyl-d14
 Concen: 86.691 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041918.D
 Acq: 20 Sep 2023 00:28

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Tgt Ion:244 Resp: 8008591
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.945 min Scan# 3529
 Delta R.T. -0.018 min
 Lab File: BM041918.D
 Acq: 20 Sep 2023 00:28

Tgt Ion:264 Resp: 1753450
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.6 17.0 25.6

