

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041921.D
 Acq On : 20 Sep 2023 02:17
 Operator : MA/JU
 Sample : 04343-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1-14TH-STREET

Quant Time: Sep 20 03:01:35 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	347687	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1464766	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	922614	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1930411	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1383578	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1237855	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1045416	50.081	ng	0.00
7) Phenol-d6	7.104	99	922940	31.844	ng	0.00
23) Nitrobenzene-d5	9.157	82	2680422	93.171	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1129460	98.116	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5934818	94.416	ng	0.00
79) Terphenyl-d14	19.968	244	7975674	104.989	ng	0.00

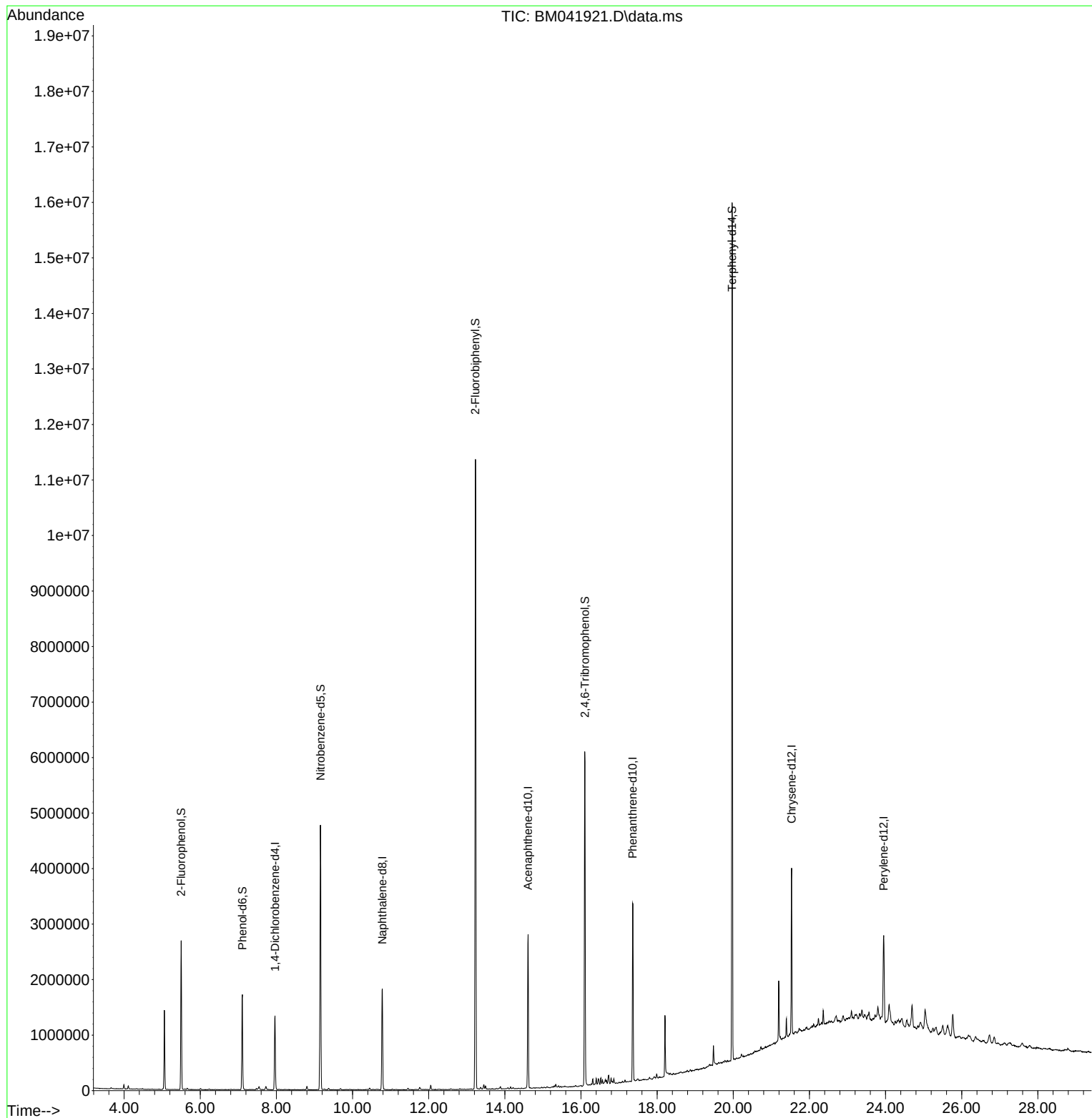
Target Compounds	Qvalue

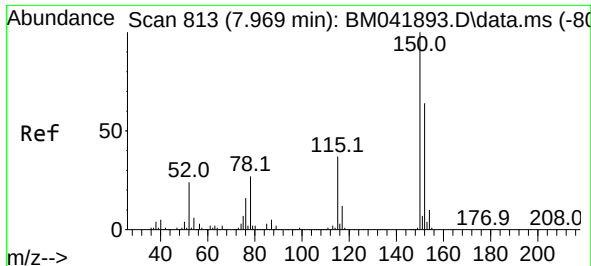
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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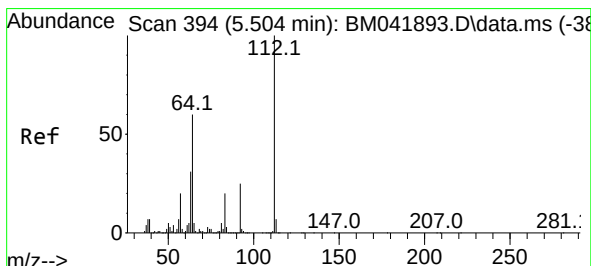
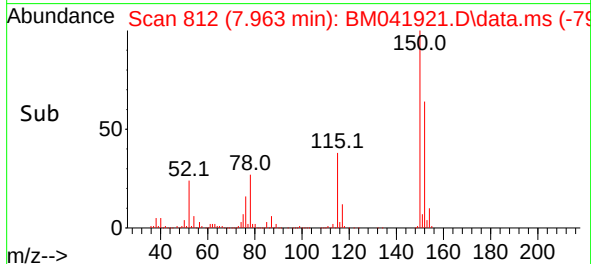
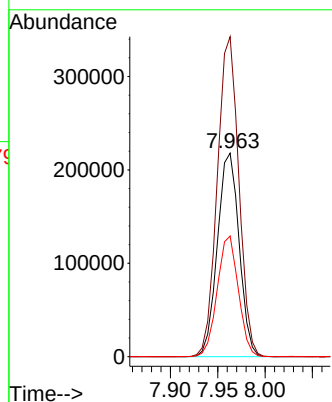
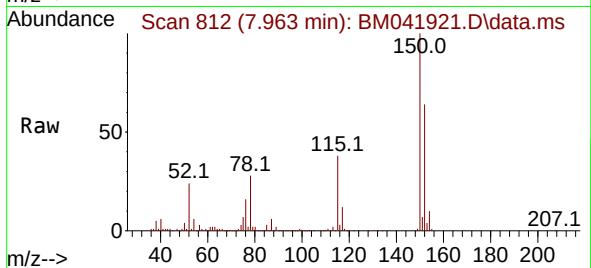




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

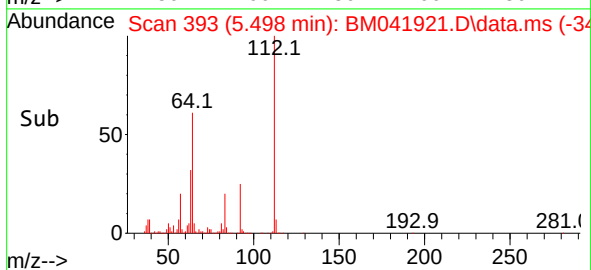
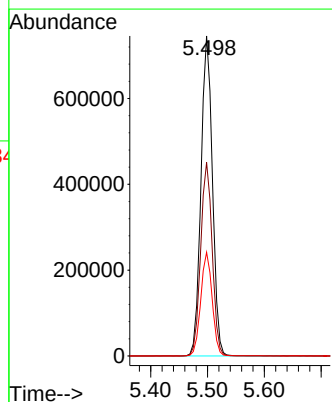
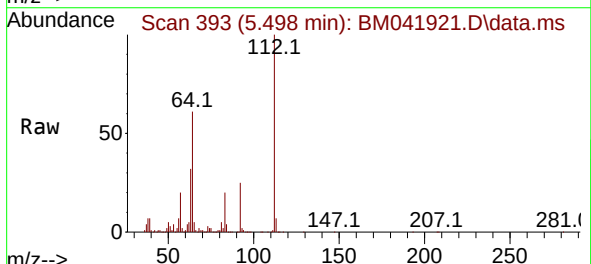
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-14TH-STREET

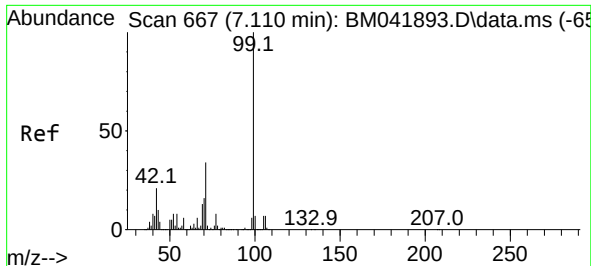
Tgt Ion:152 Resp: 347687
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 59.3 46.8 70.2



#5
2-Fluorophenol
Concen: 50.081 ng
RT: 5.498 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

Tgt Ion:112 Resp: 1045416
Ion Ratio Lower Upper
112 100
64 60.5 48.1 72.1
63 32.4 25.0 37.6

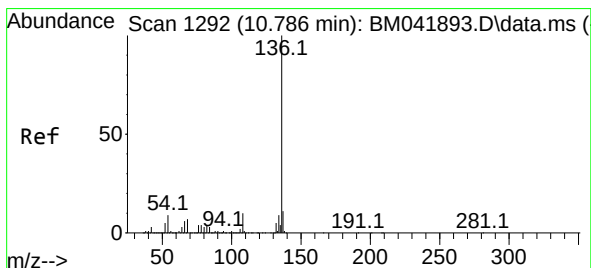
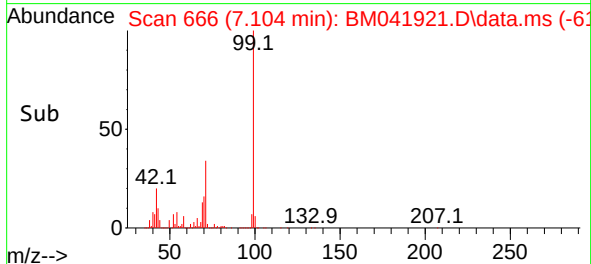
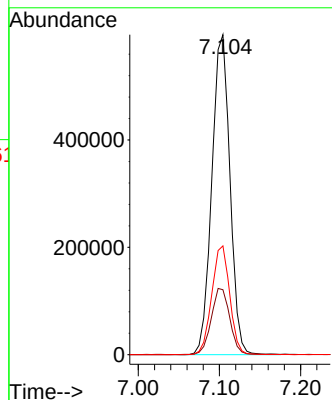
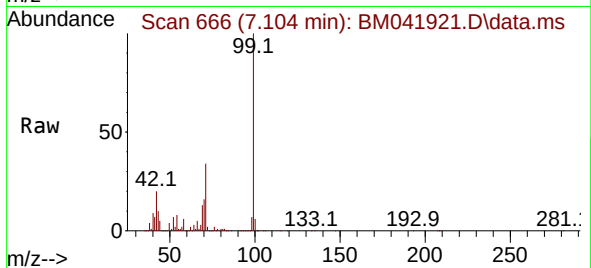




#7
Phenol-d6
Concen: 31.844 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

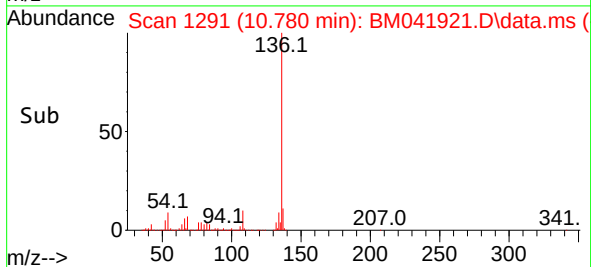
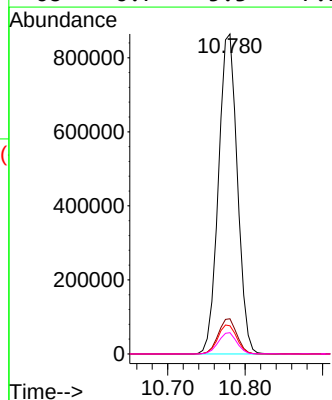
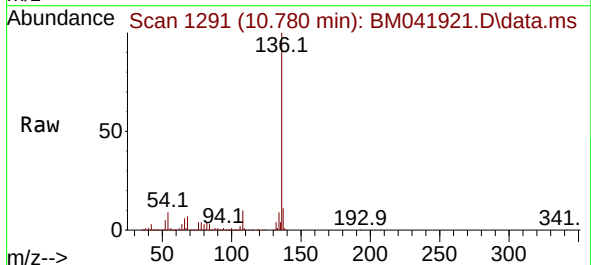
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ClientSampleId :
SAMPLE-1-14TH-STREET

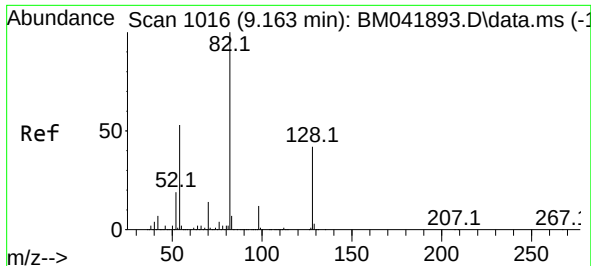
Tgt Ion: 99 Resp: 922940
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 34.0 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

Tgt Ion: 136 Resp: 1464766
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 7.0 10.4
68 6.7 5.3 7.9

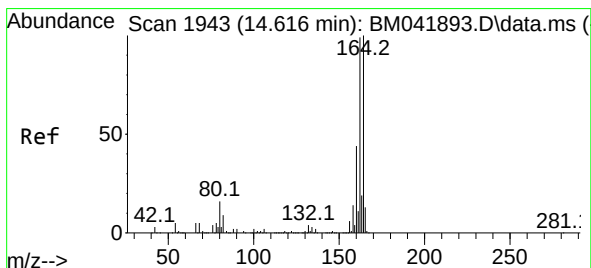
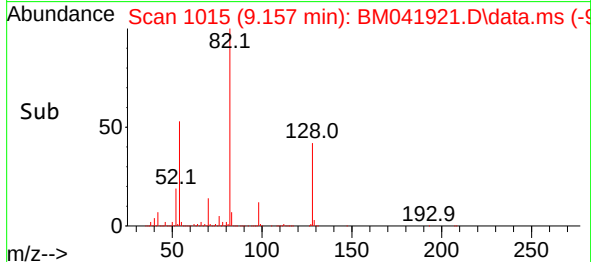
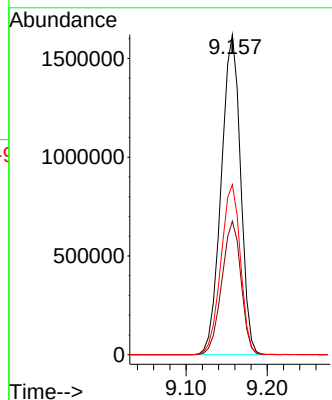
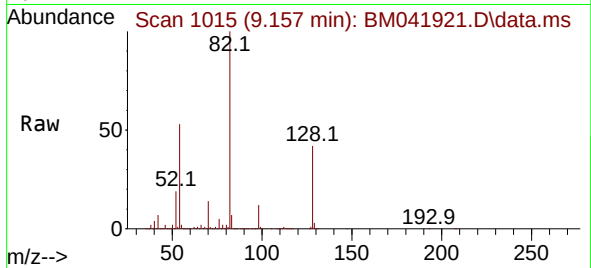




#23
Nitrobenzene-d5
Concen: 93.171 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

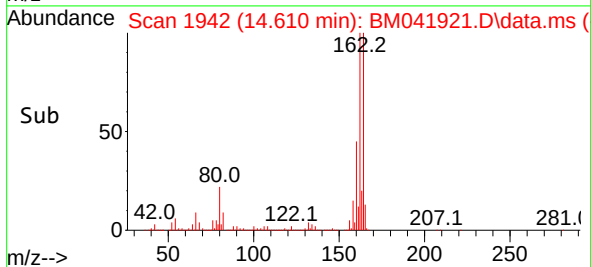
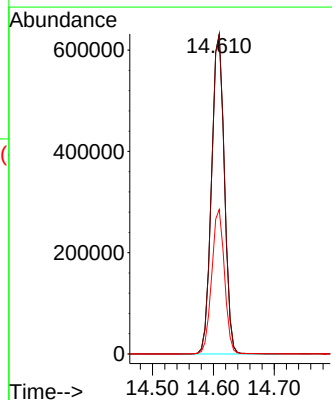
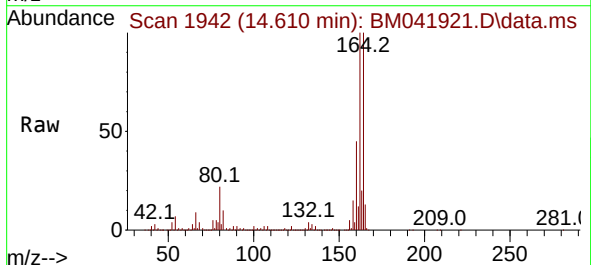
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1-14TH-STREET

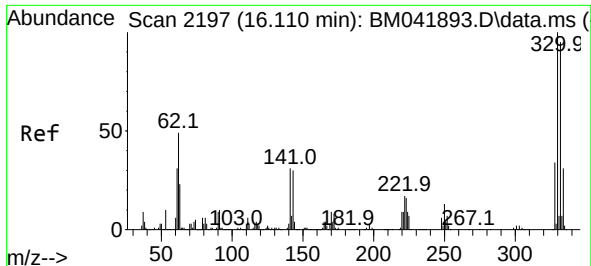
Tgt Ion: 82 Resp: 2680422
Ion Ratio Lower Upper
82 100
128 41.7 33.8 50.6
54 53.1 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

Tgt Ion: 164 Resp: 922614
Ion Ratio Lower Upper
164 100
162 100.3 79.3 118.9
160 45.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 98.116 ng

RT: 16.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041921.D

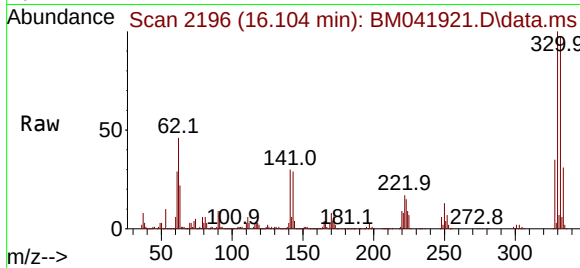
Acq: 20 Sep 2023 02:17

Instrument :

BNA_M

ClientSampleId :

SAMPLE-1-14TH-STREET



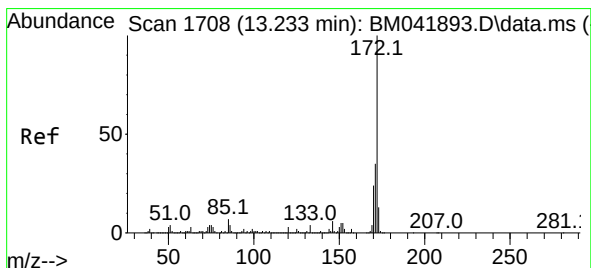
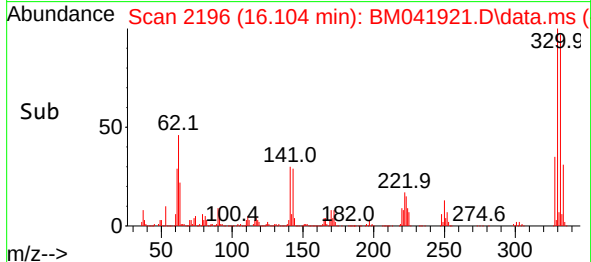
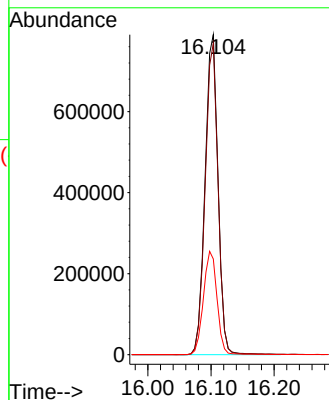
Tgt Ion:330 Resp: 1129460

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

141 33.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 94.416 ng

RT: 13.227 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041921.D

Acq: 20 Sep 2023 02:17

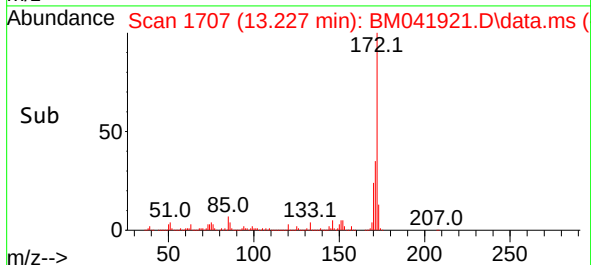
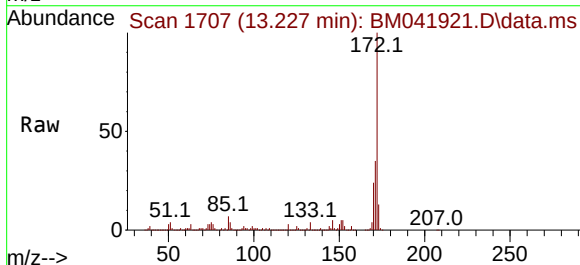
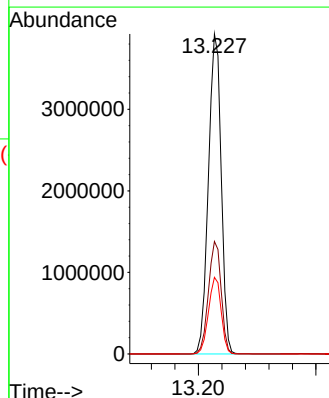
Tgt Ion:172 Resp: 5934818

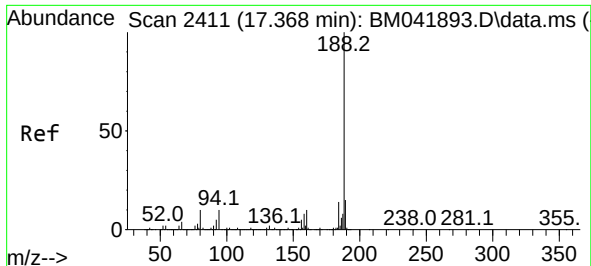
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.9 19.1 28.7

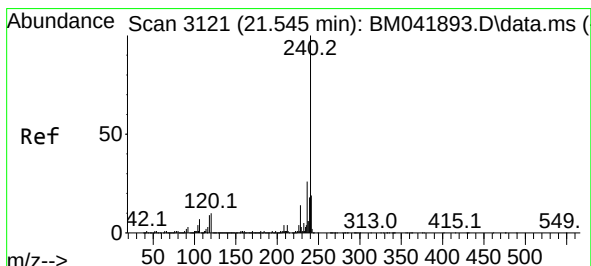
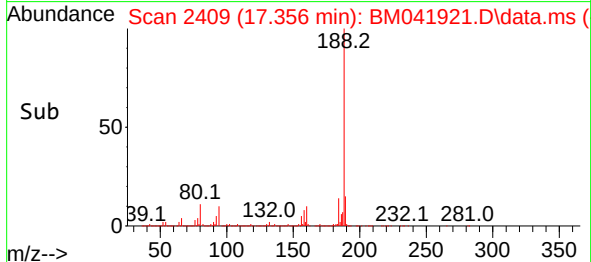
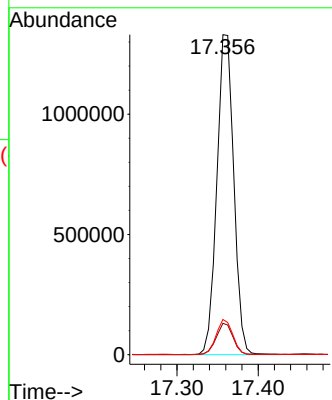
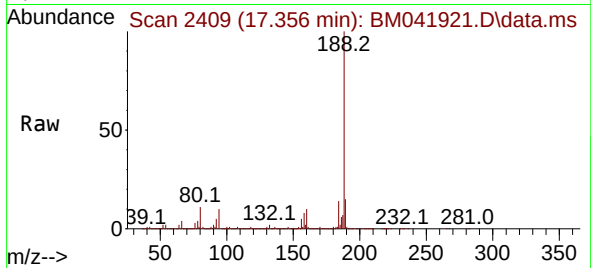




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

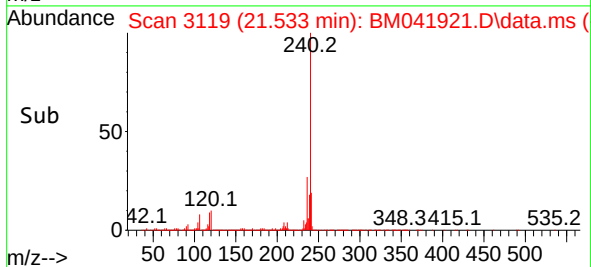
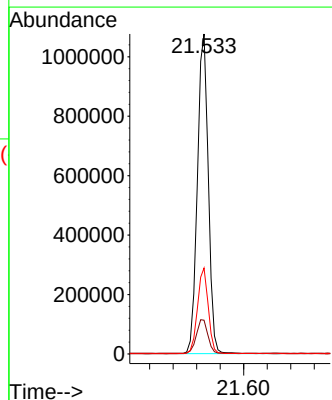
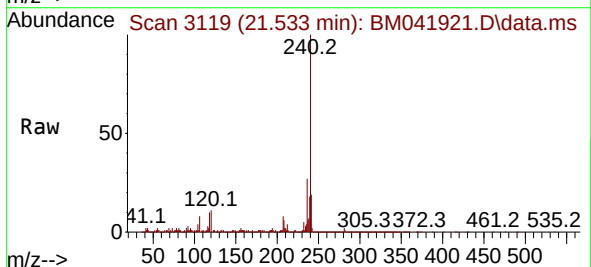
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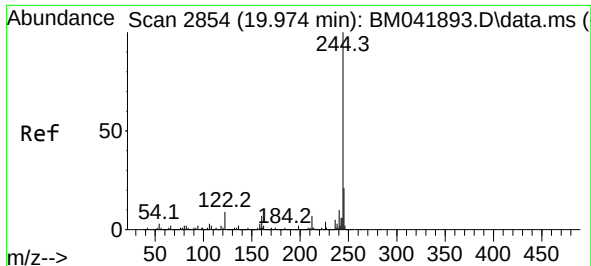
Tgt Ion:188 Resp: 1930411
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 11.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041921.D
Acq: 20 Sep 2023 02:17

Tgt Ion:240 Resp: 1383578
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.8 20.7 31.1

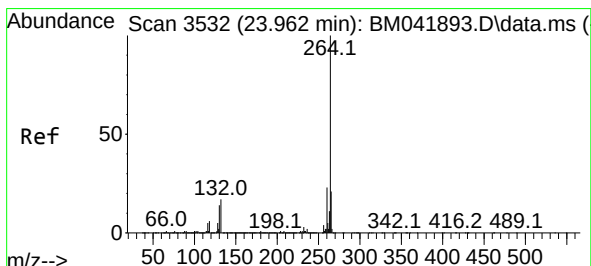
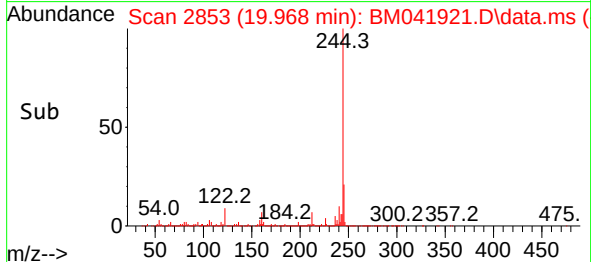
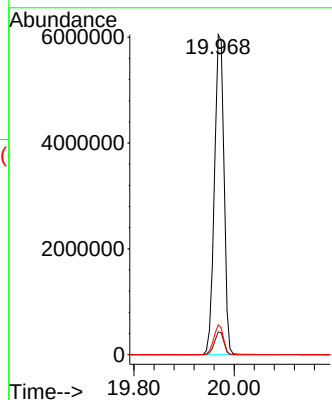
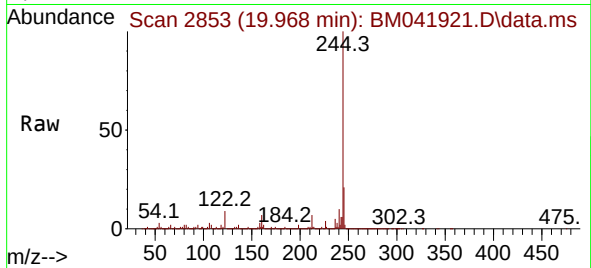




#79
 Terphenyl-d14
 Concen: 104.989 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041921.D
 Acq: 20 Sep 2023 02:17

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 7975674
 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: 23.950 min Scan# 3530
 Delta R.T. -0.012 min
 Lab File: BM041921.D
 Acq: 20 Sep 2023 02:17

Tgt Ion:264 Resp: 1237855
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.9 17.0 25.6

