

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041916.D
 Acq On : 19 Sep 2023 23:15
 Operator : MA/JU
 Sample : PB155451BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155451BL

Quant Time: Sep 20 02:13:02 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	275178	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1087759	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	686213	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1472975	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1218285	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1201991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1768833	107.064	ng	0.00
7) Phenol-d6	7.104	99	2339928	102.006	ng	0.00
23) Nitrobenzene-d5	9.157	82	2132438	99.814	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	837272	97.791	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	4653932	99.545	ng	0.00
79) Terphenyl-d14	19.968	244	7141111	106.757	ng	0.00

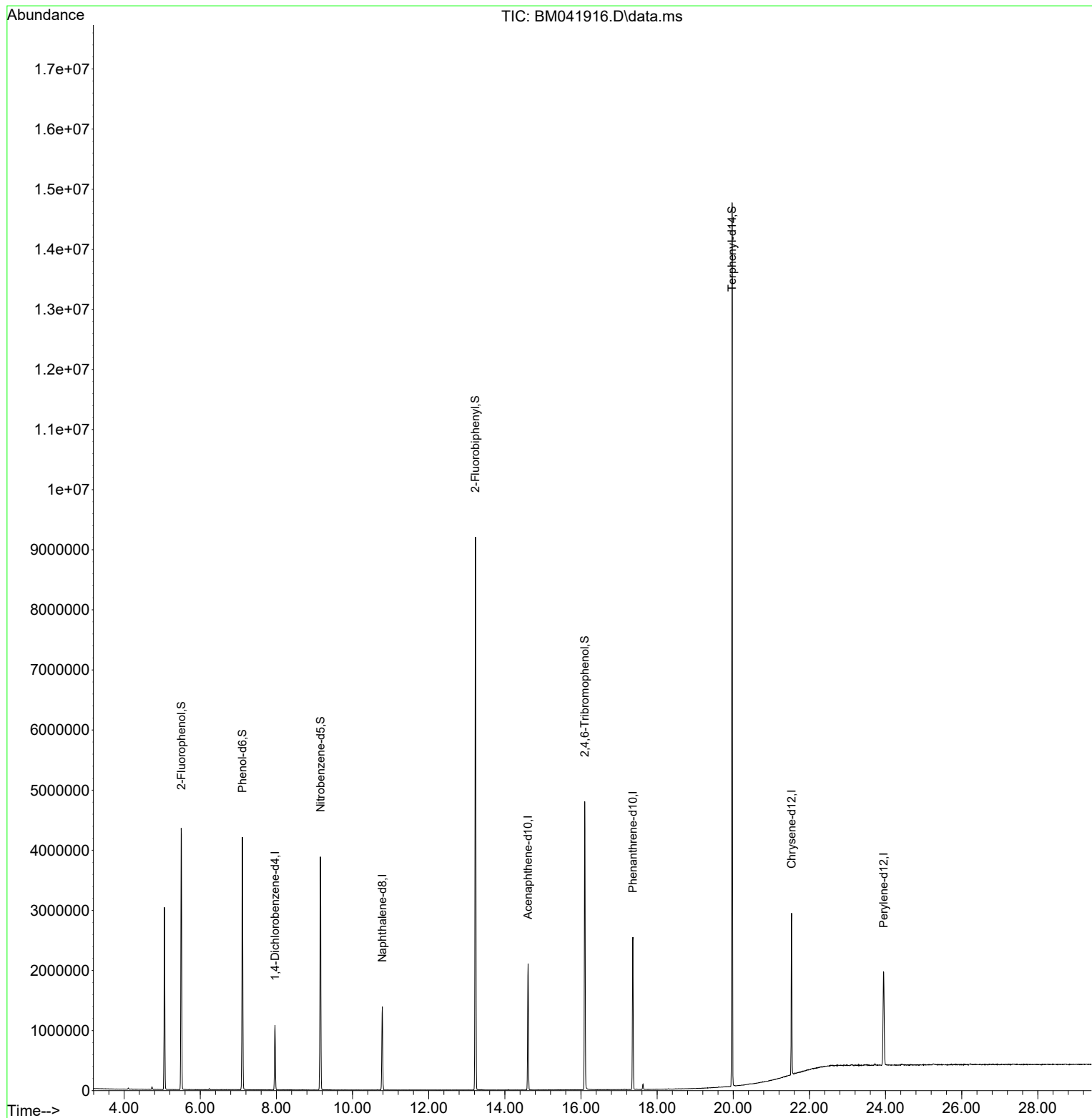
Target Compounds	Qvalue

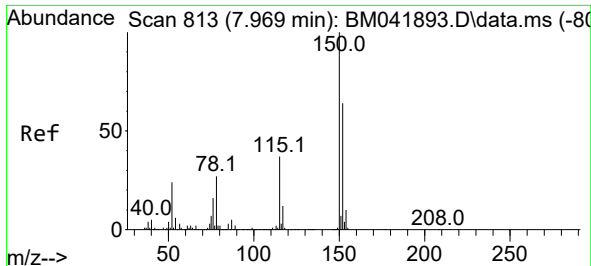
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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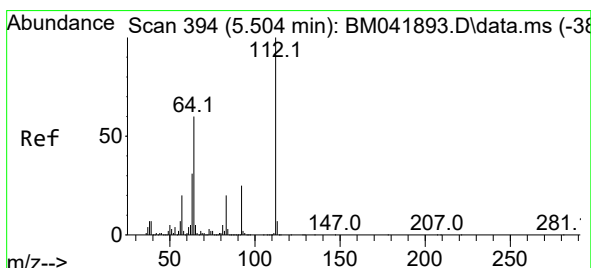
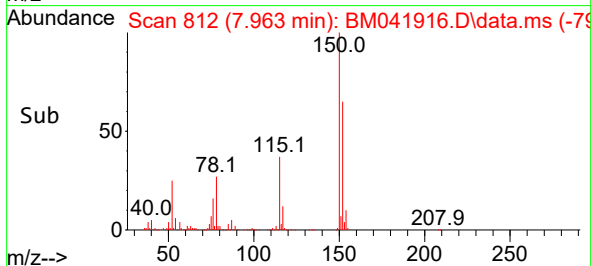
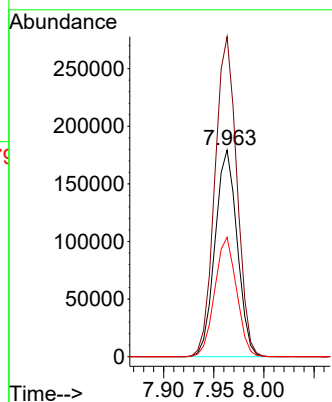
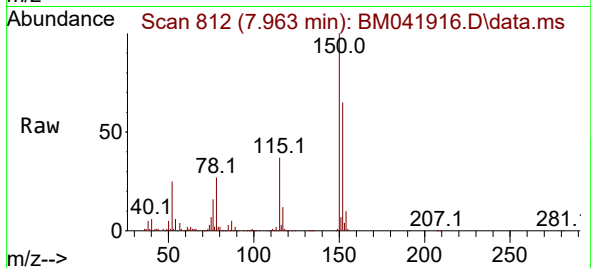




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041916.D
Acq: 19 Sep 2023 23:15

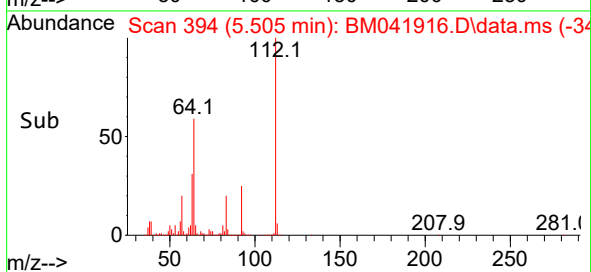
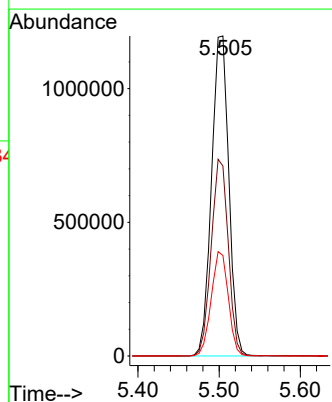
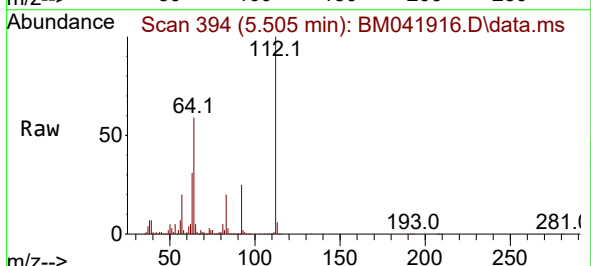
Instrument :
BNA_M
ClientSampleId :
PB155451BL

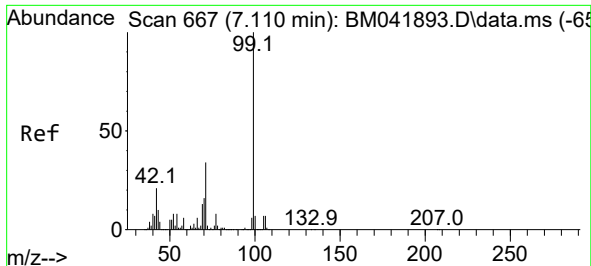
Tgt Ion:152 Resp: 275178
Ion Ratio Lower Upper
152 100
150 154.8 125.9 188.9
115 57.7 46.8 70.2



#5
2-Fluorophenol
Concen: 107.064 ng
RT: 5.505 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM041916.D
Acq: 19 Sep 2023 23:15

Tgt Ion:112 Resp: 1768833
Ion Ratio Lower Upper
112 100
64 59.3 48.1 72.1
63 31.4 25.0 37.6

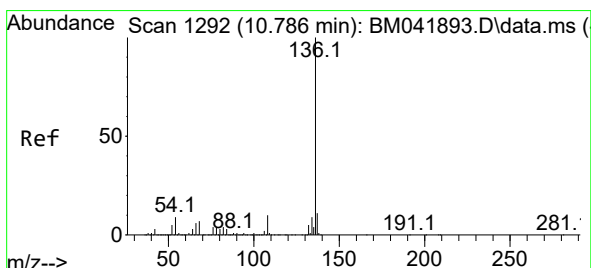
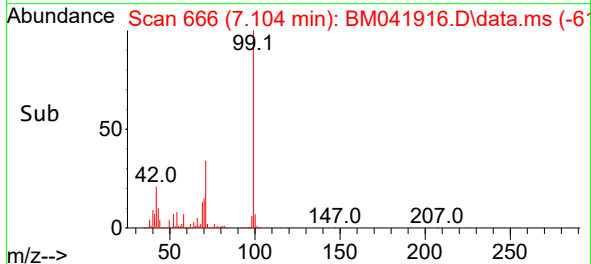
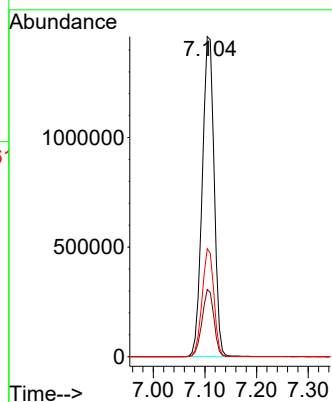
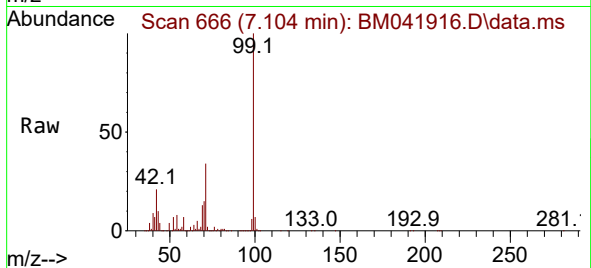




#7
Phenol-d6
Concen: 102.006 ng
RT: 7.104 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM041916.D
Acq: 19 Sep 2023 23:15

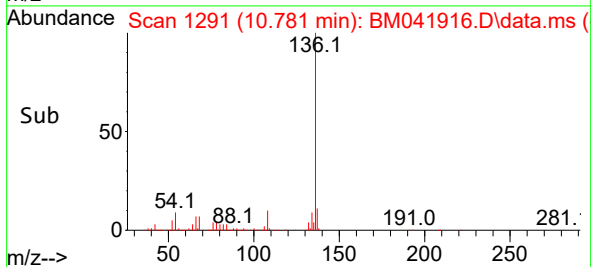
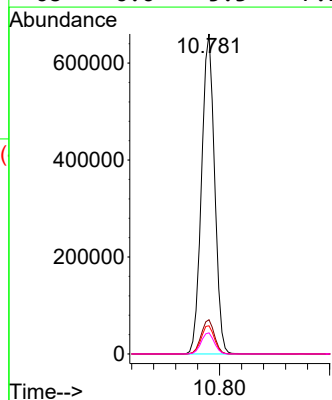
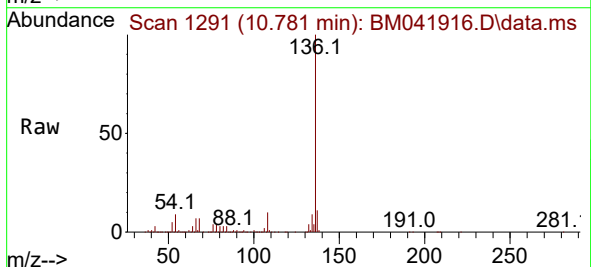
Instrument :
BNA_M
ClientSampleId :
PB155451BL

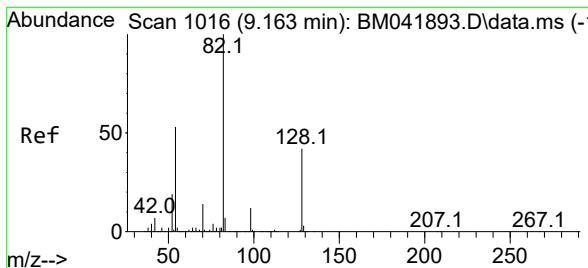
Tgt Ion: 99 Resp: 2339928
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 33.7 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041916.D
Acq: 19 Sep 2023 23:15

Tgt Ion: 136 Resp: 1087759
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 7.0 10.4
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 99.814 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041916.D

Acq: 19 Sep 2023 23:15

Instrument :

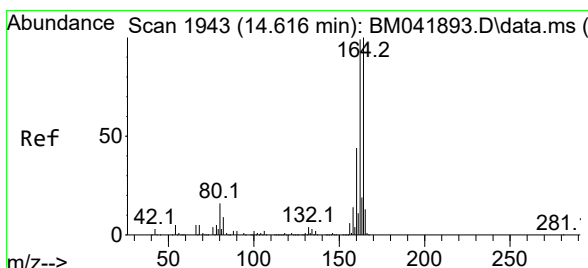
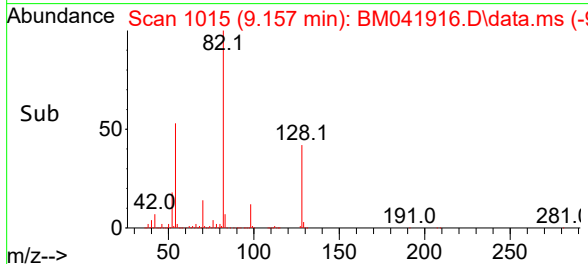
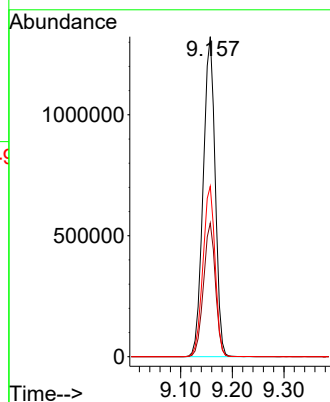
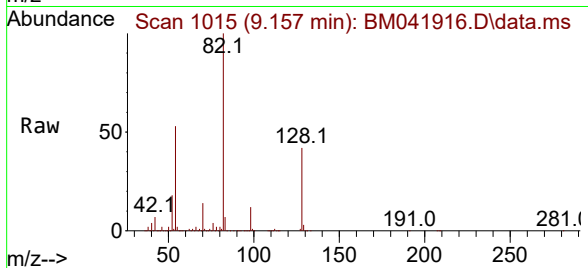
BNA_M

ClientSampleId :

PB155451BL

Tgt Ion: 82 Resp: 2132438

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.8	50.6
54	53.3	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

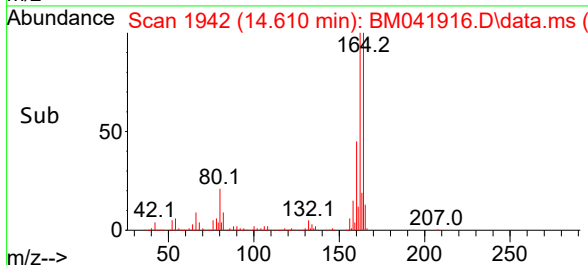
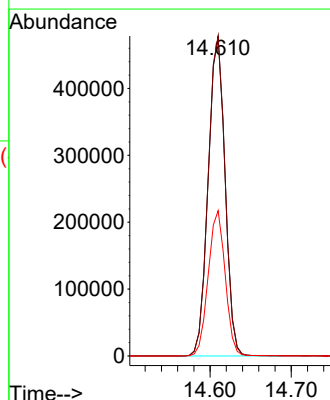
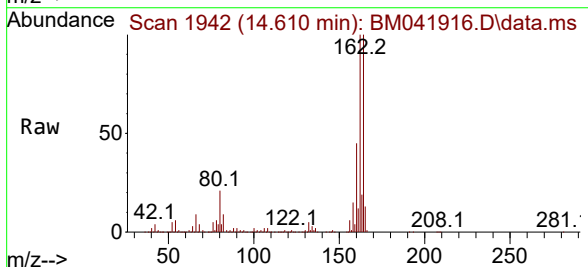
Delta R.T. -0.006 min

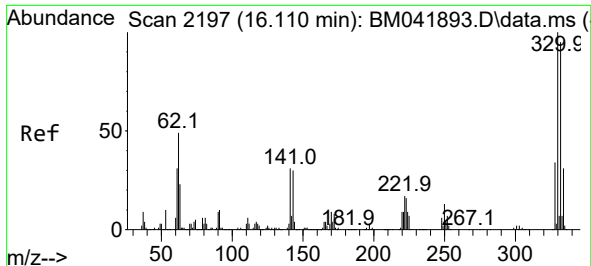
Lab File: BM041916.D

Acq: 19 Sep 2023 23:15

Tgt Ion: 164 Resp: 686213

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.3	118.9
160	45.6	35.6	53.4

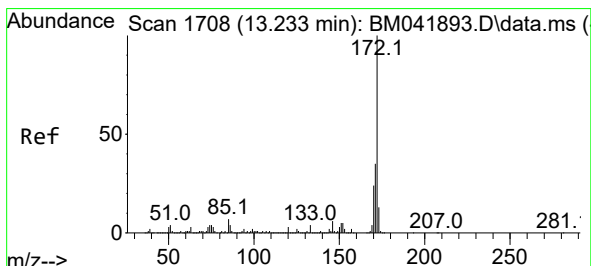
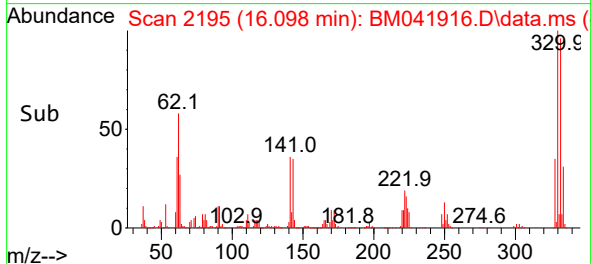
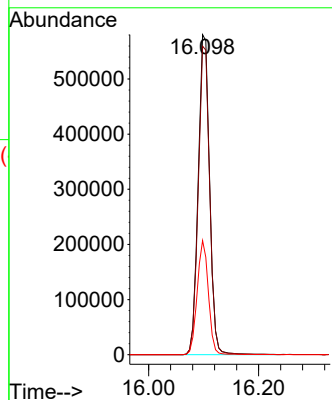
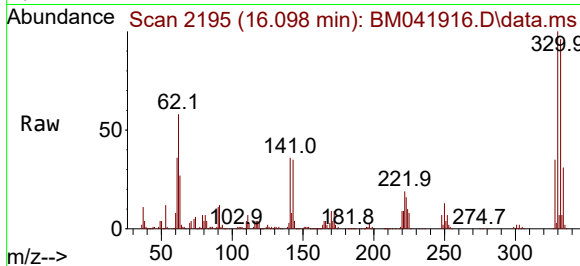




#42
 2,4,6-Tribromophenol
 Concen: 97.791 ng
 RT: 16.098 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BM041916.D
 Acq: 19 Sep 2023 23:15

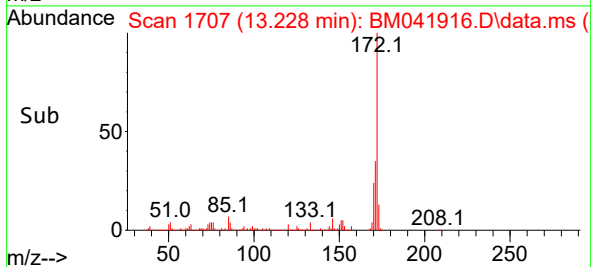
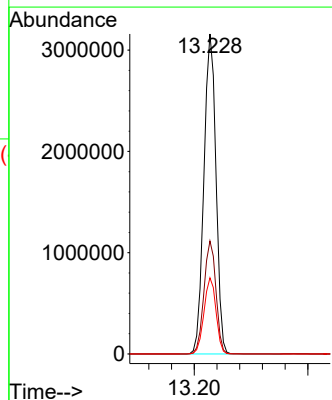
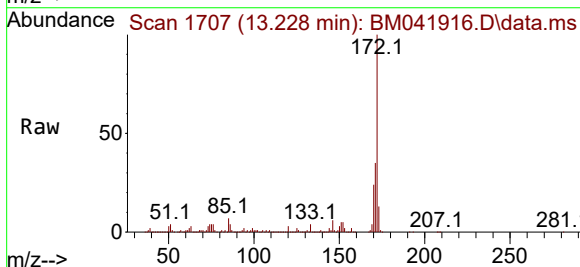
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 PB155451BL

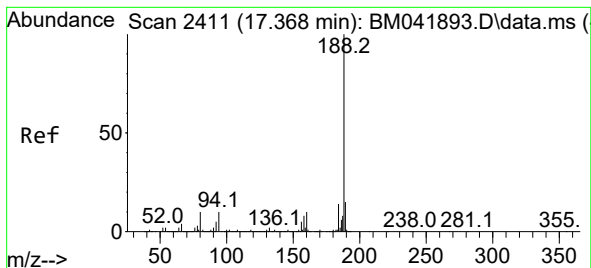
Tgt Ion:330 Resp: 837272
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 35.0 27.0 40.4



#45
 2-Fluorobiphenyl
 Concen: 99.545 ng
 RT: 13.228 min Scan# 1707
 Delta R.T. -0.006 min
 Lab File: BM041916.D
 Acq: 19 Sep 2023 23:15

Tgt Ion:172 Resp: 4653932
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM041916.D

Acq: 19 Sep 2023 23:15

Instrument :

BNA_M

ClientSampleId :

PB155451BL

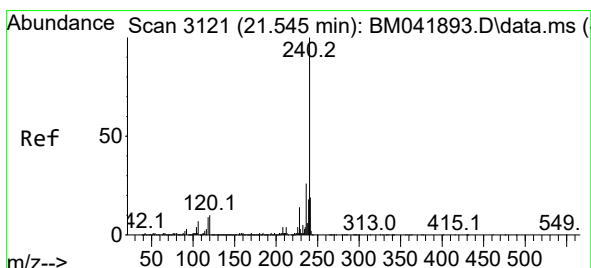
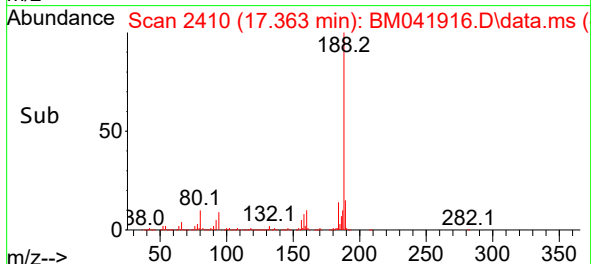
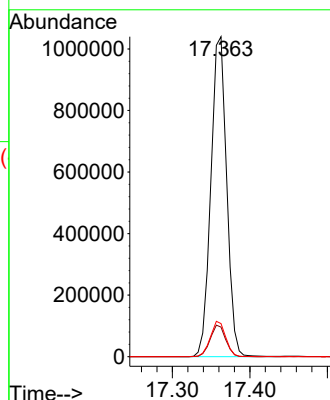
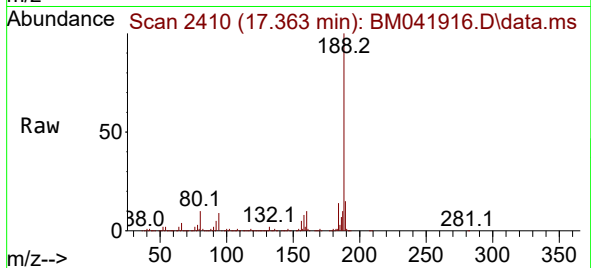
Tgt Ion:188 Resp: 1472975

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.4 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: BM041916.D

Acq: 19 Sep 2023 23:15

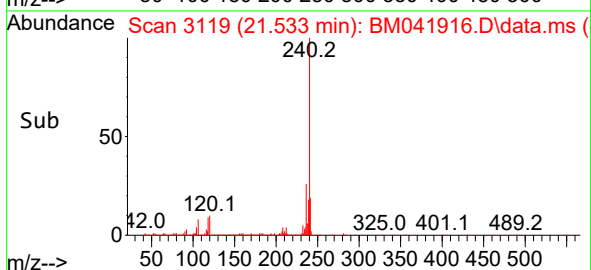
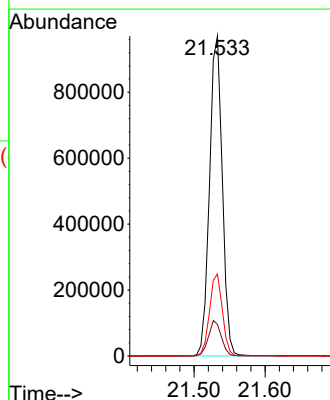
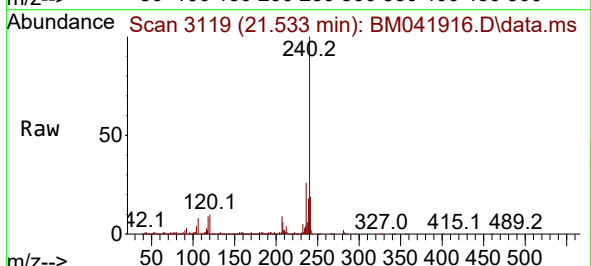
Tgt Ion:240 Resp: 1218285

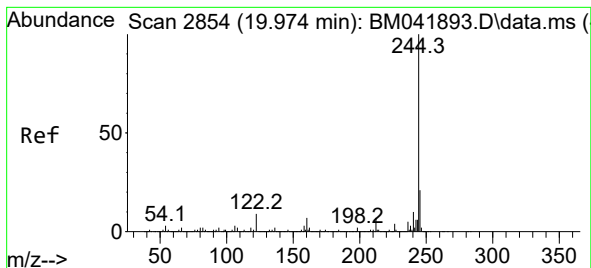
Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 106.757 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041916.D

Acq: 19 Sep 2023 23:15

Instrument :

BNA_M

ClientSampleId :

PB155451BL

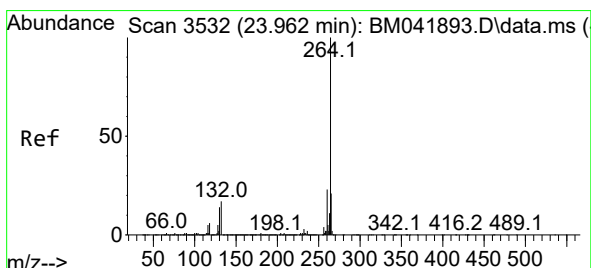
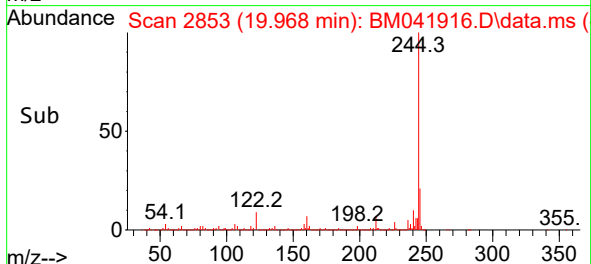
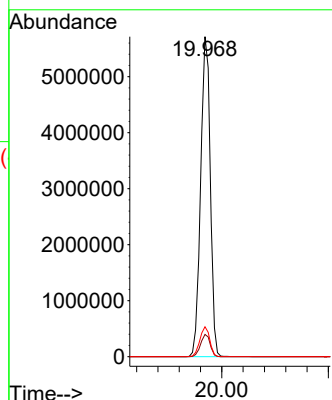
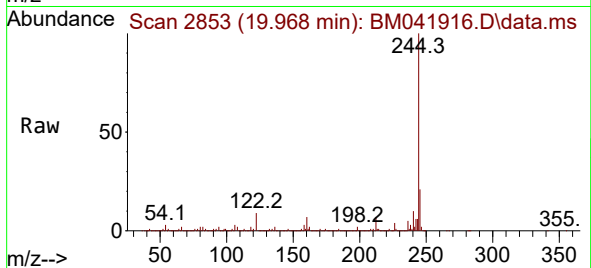
Tgt Ion:244 Resp: 7141111

Ion Ratio Lower Upper

244 100

212 7.0 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: BM041916.D

Acq: 19 Sep 2023 23:15

Tgt Ion:264 Resp: 1201991

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.7 17.0 25.6

