

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041901.D
 Acq On : 19 Sep 2023 09:16
 Operator : MA/JU
 Sample : PB155456BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155456BL

Quant Time: Sep 19 11:13:30 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	278341	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1121307	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	712660	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1511602	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1186864	20.000	ng	-0.01
86) Perylene-d12	23.951	264	1170023	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	2790767	167.000	ng	0.00
7) Phenol-d6	7.110	99	3667008	158.041	ng	0.00
23) Nitrobenzene-d5	9.157	82	2302131	104.533	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1469552	165.270	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	5023195	103.456	ng	0.00
79) Terphenyl-d14	19.974	244	7437196	114.127	ng	0.00

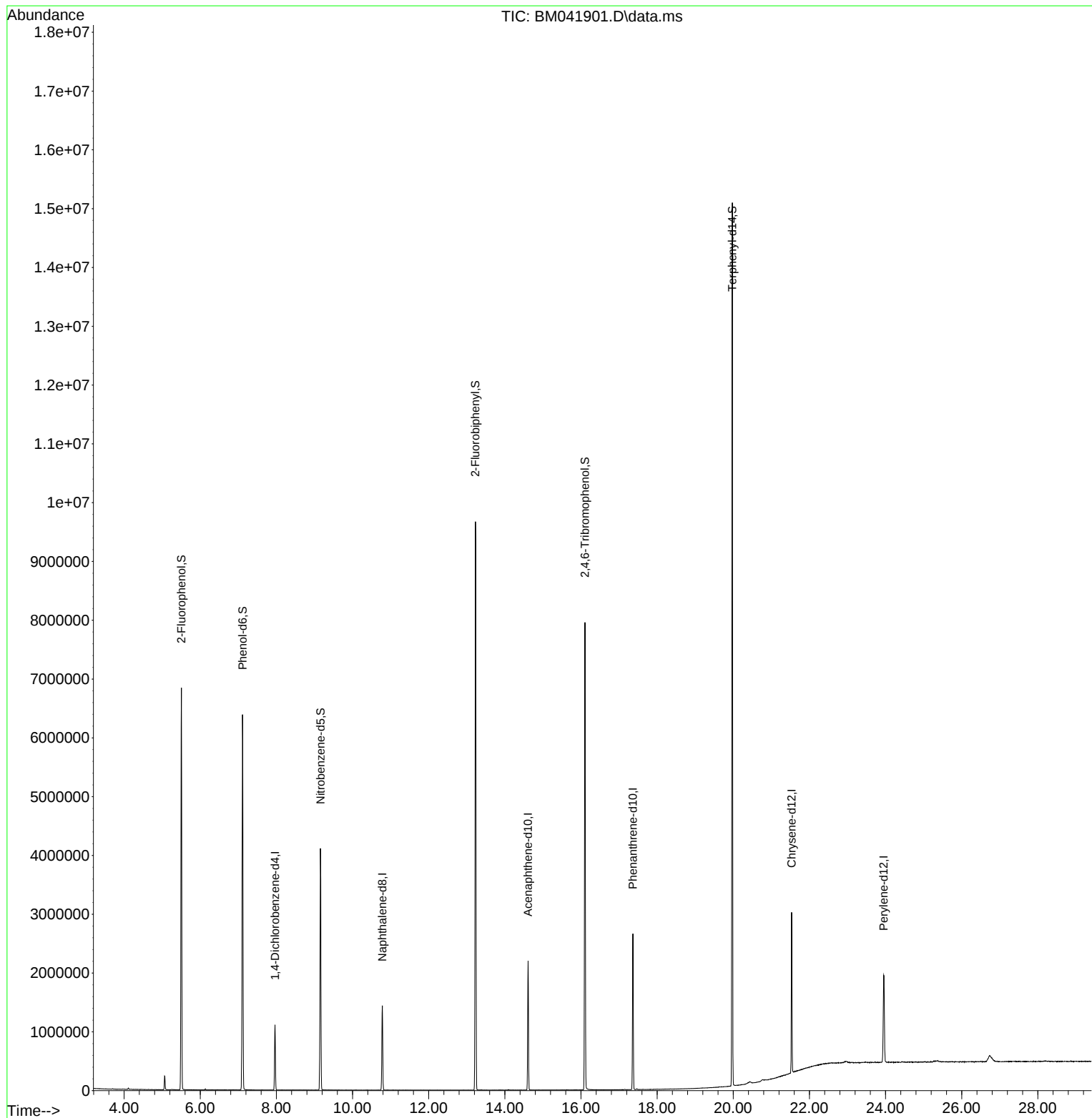
Target Compounds	Qvalue

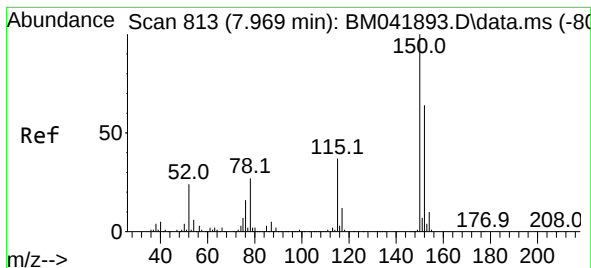
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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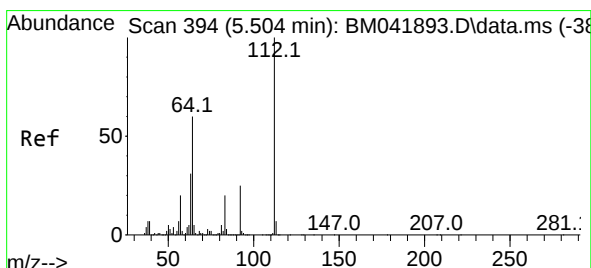
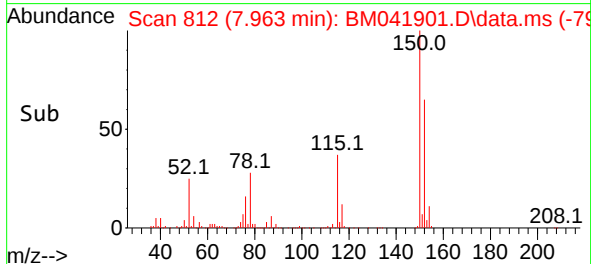
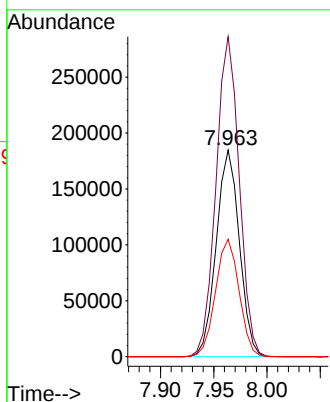
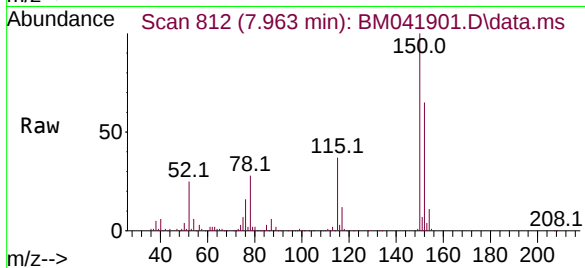




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

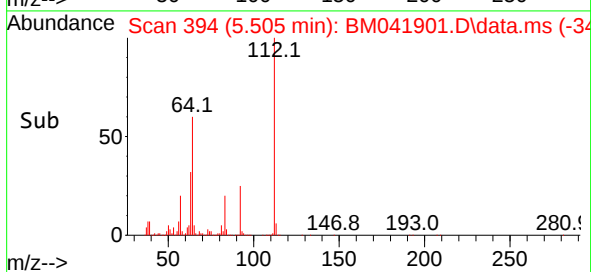
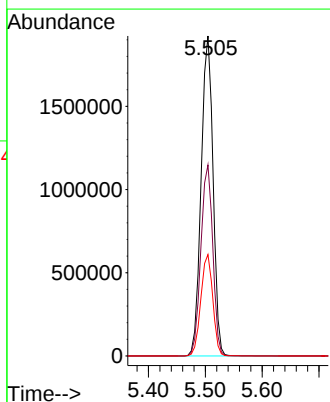
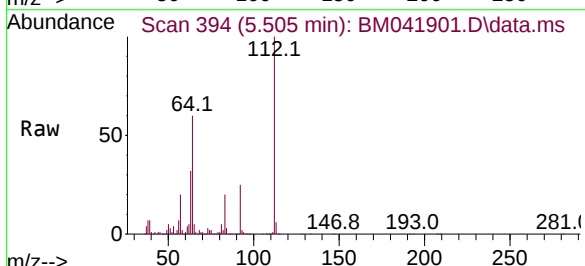
Instrument :
BNA_M
ClientSampleId :
PB155456BL

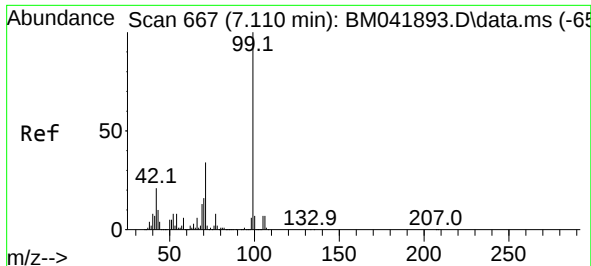
Tgt Ion:152 Resp: 278341
Ion Ratio Lower Upper
152 100
150 154.9 125.9 188.9
115 56.8 46.8 70.2



#5
2-Fluorophenol
Concen: 167.000 ng
RT: 5.505 min Scan# 394
Delta R.T. 0.000 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

Tgt Ion:112 Resp: 2790767
Ion Ratio Lower Upper
112 100
64 59.7 48.1 72.1
63 31.7 25.0 37.6



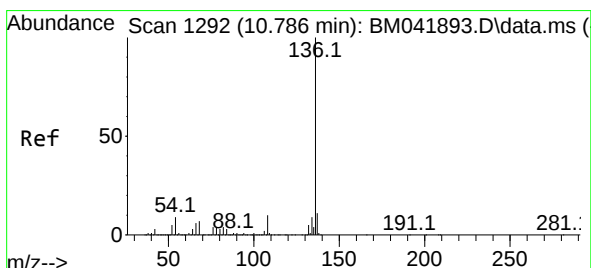
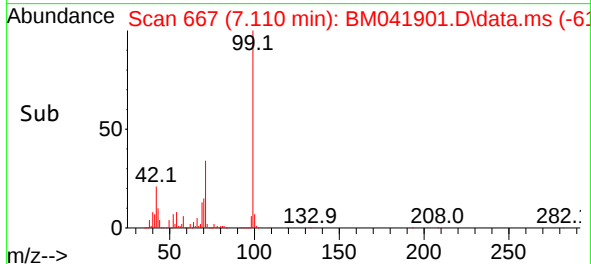
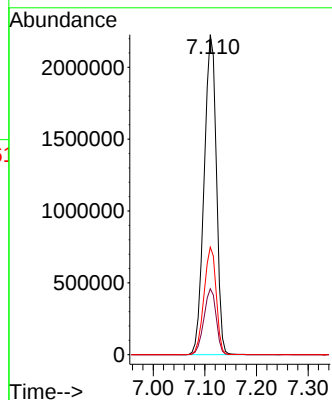
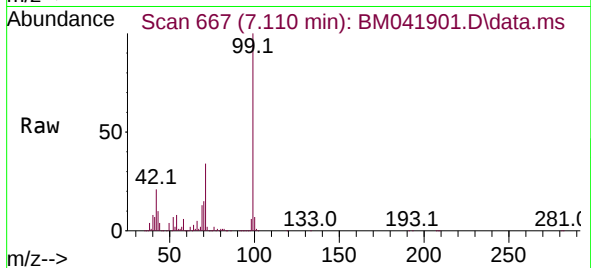


#7
Phenol-d6
Concen: 158.041 ng
RT: 7.110 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

Instrument :
BNA_M
ClientSampleId :
PB155456BL

Tgt Ion: 99 Resp: 3667008

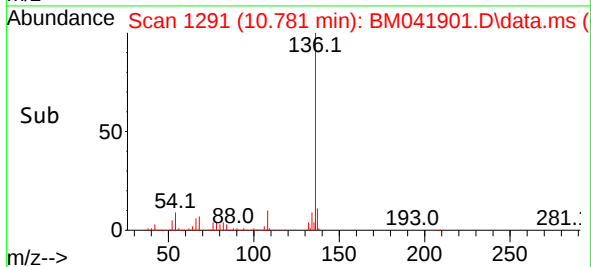
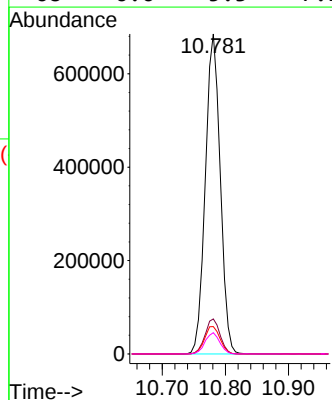
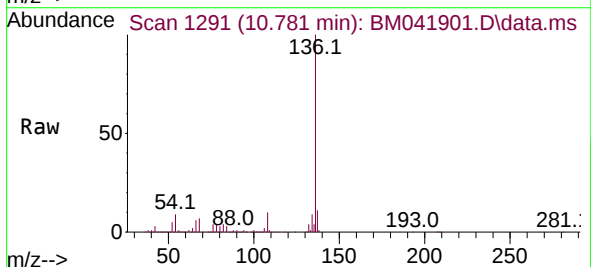
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	33.6	26.8	40.2

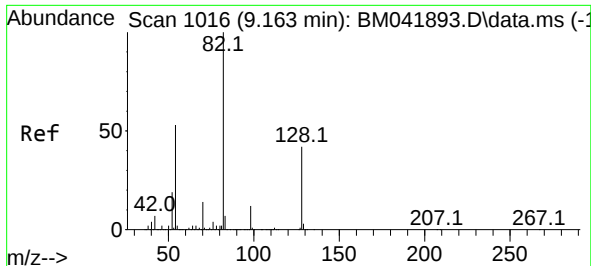


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

Tgt Ion:136 Resp: 1121307

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.5	7.0	10.4
68	6.6	5.3	7.9

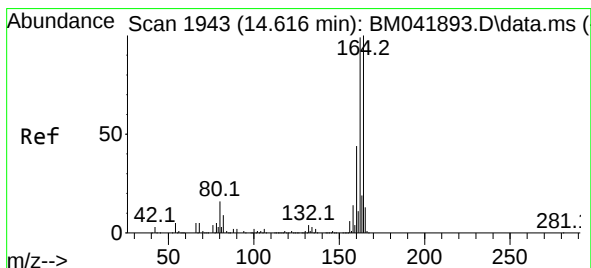
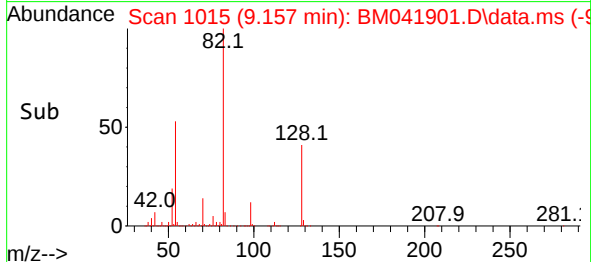
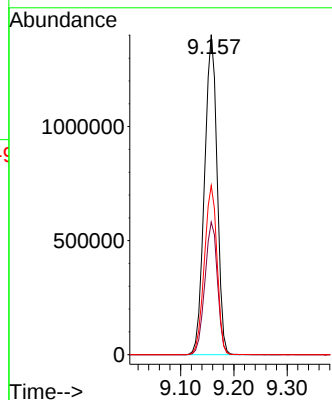
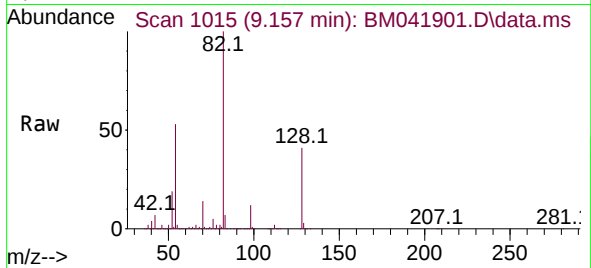




#23
Nitrobenzene-d5
Concen: 104.533 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

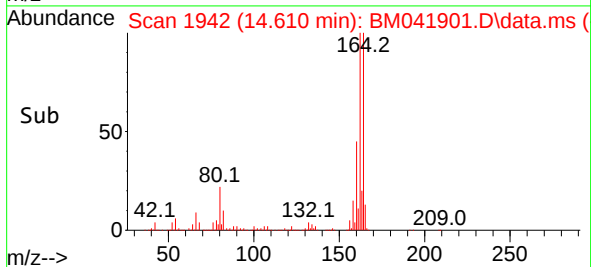
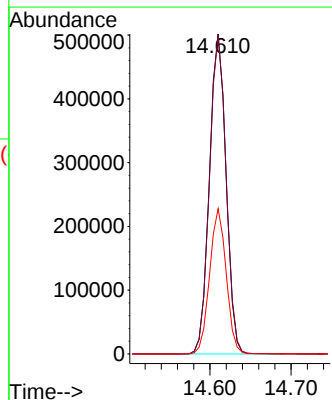
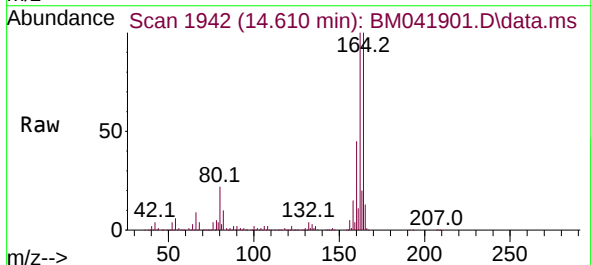
Instrument :
BNA_M
ClientSampleId :
PB155456BL

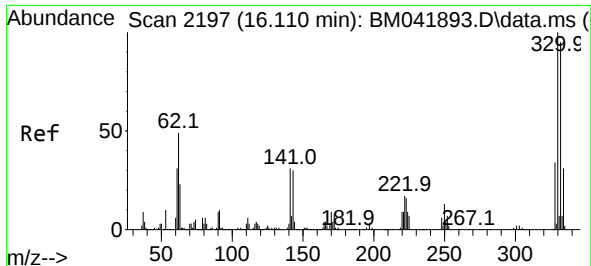
Tgt Ion: 82 Resp: 2302131
Ion Ratio Lower Upper
82 100
128 41.5 33.8 50.6
54 52.8 42.8 64.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

Tgt Ion: 164 Resp: 712660
Ion Ratio Lower Upper
164 100
162 99.7 79.3 118.9
160 45.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 165.270 ng

RT: 16.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041901.D

Acq: 19 Sep 2023 09:16

Instrument :

BNA_M

ClientSampleId :

PB155456BL

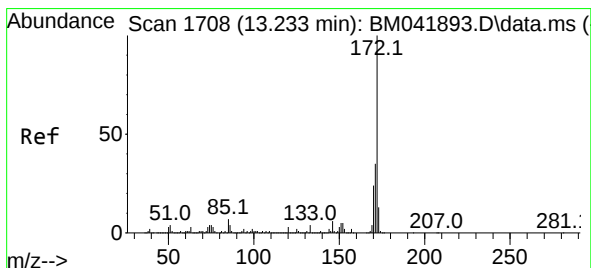
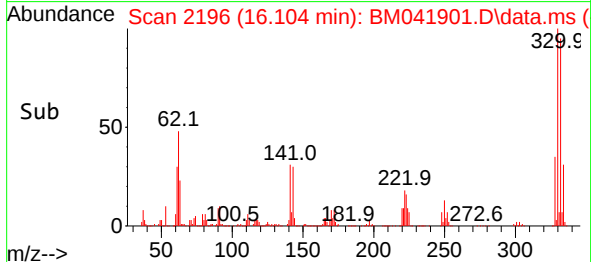
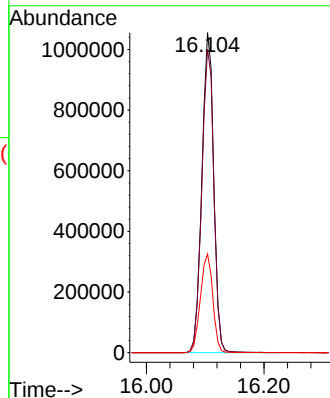
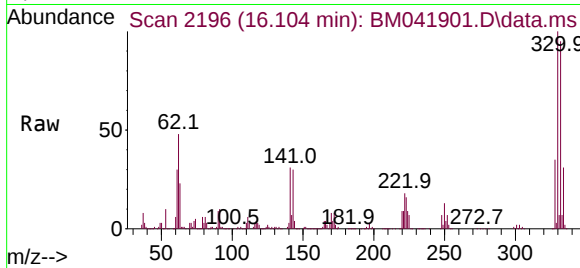
Tgt Ion:330 Resp: 1469552

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

141 32.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 103.456 ng

RT: 13.228 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM041901.D

Acq: 19 Sep 2023 09:16

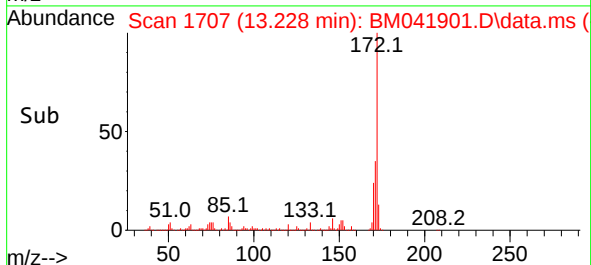
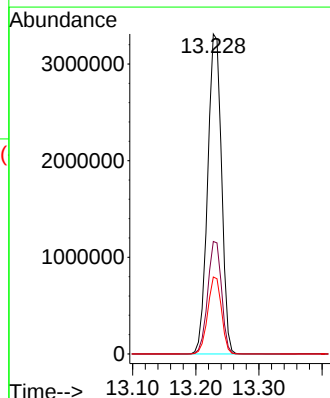
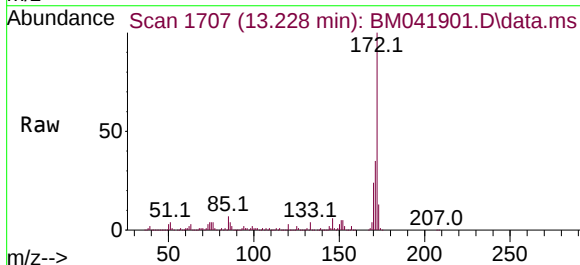
Tgt Ion:172 Resp: 5023195

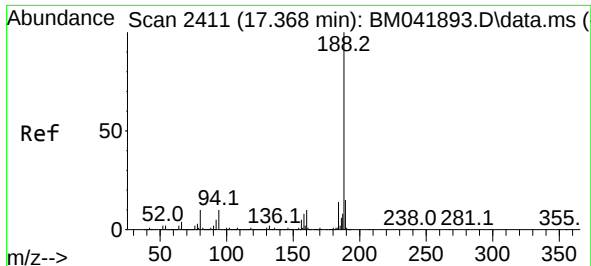
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 24.1 19.1 28.7

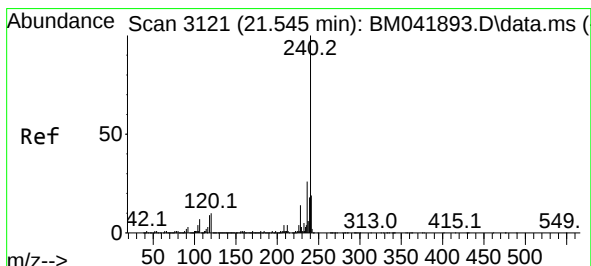
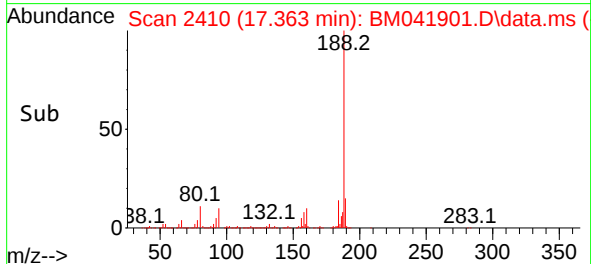
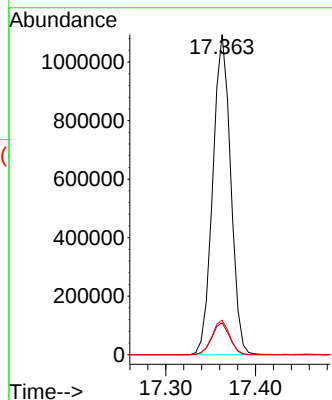
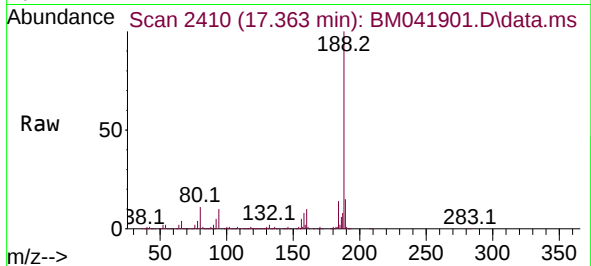




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

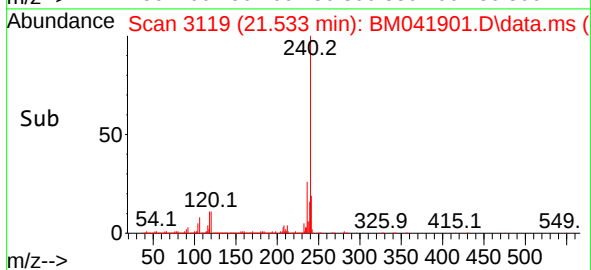
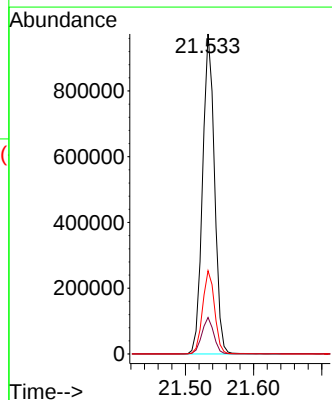
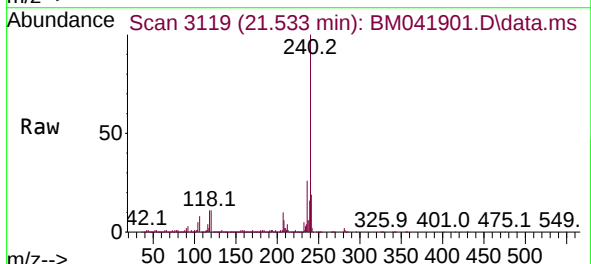
Instrument :
BNA_M
ClientSampleId :
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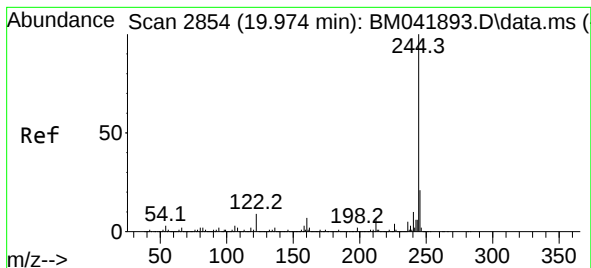
Tgt Ion:188 Resp: 1511602
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 10.7 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041901.D
Acq: 19 Sep 2023 09:16

Tgt Ion:240 Resp: 1186864
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 114.127 ng

RT: 19.974 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041901.D

Acq: 19 Sep 2023 09:16

Instrument :

BNA_M

ClientSampleId :

PB155456BL

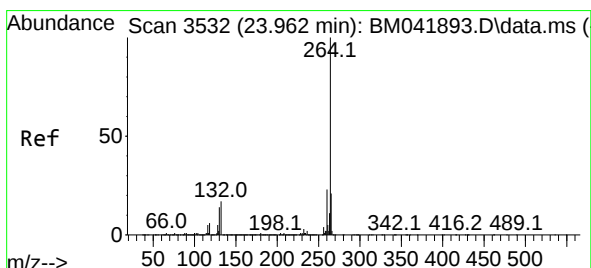
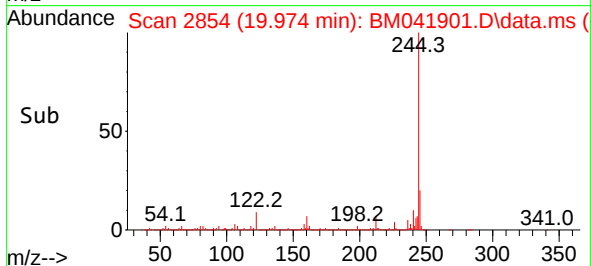
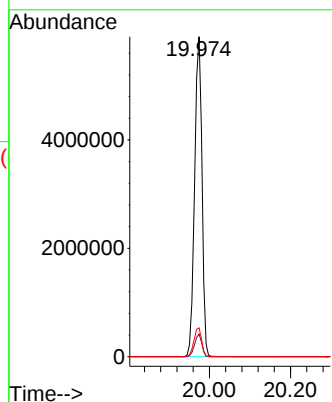
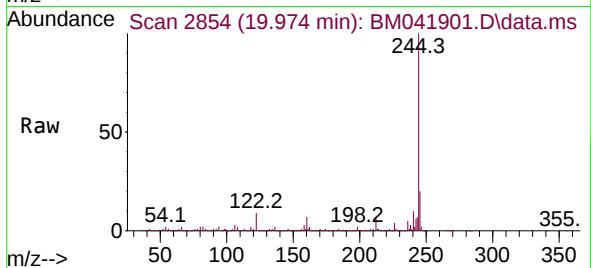
Tgt Ion:244 Resp: 7437196

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.0 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.951 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BM041901.D

Acq: 19 Sep 2023 09:16

Tgt Ion:264 Resp: 1170023

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.9 17.0 25.6

