

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041171.D
 Acq On : 28 Jul 2023 18:27
 Operator : MA/JU
 Sample : 03632-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(9-11)

Quant Time: Jul 29 01:17:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	171759	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	644925	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	358492	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	752786	20.000	ng	0.00
76) Chrysene-d12	21.427	240	755627	20.000	ng	0.00
86) Perylene-d12	23.803	264	897157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1113942	96.931	ng	0.00
7) Phenol-d6	6.981	99	1422794	95.512	ng	0.00
23) Nitrobenzene-d5	8.981	82	826213	59.577	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	481010	94.861	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	1654990	58.318	ng	0.00
79) Terphenyl-d14	19.862	244	2706311	64.756	ng	0.00

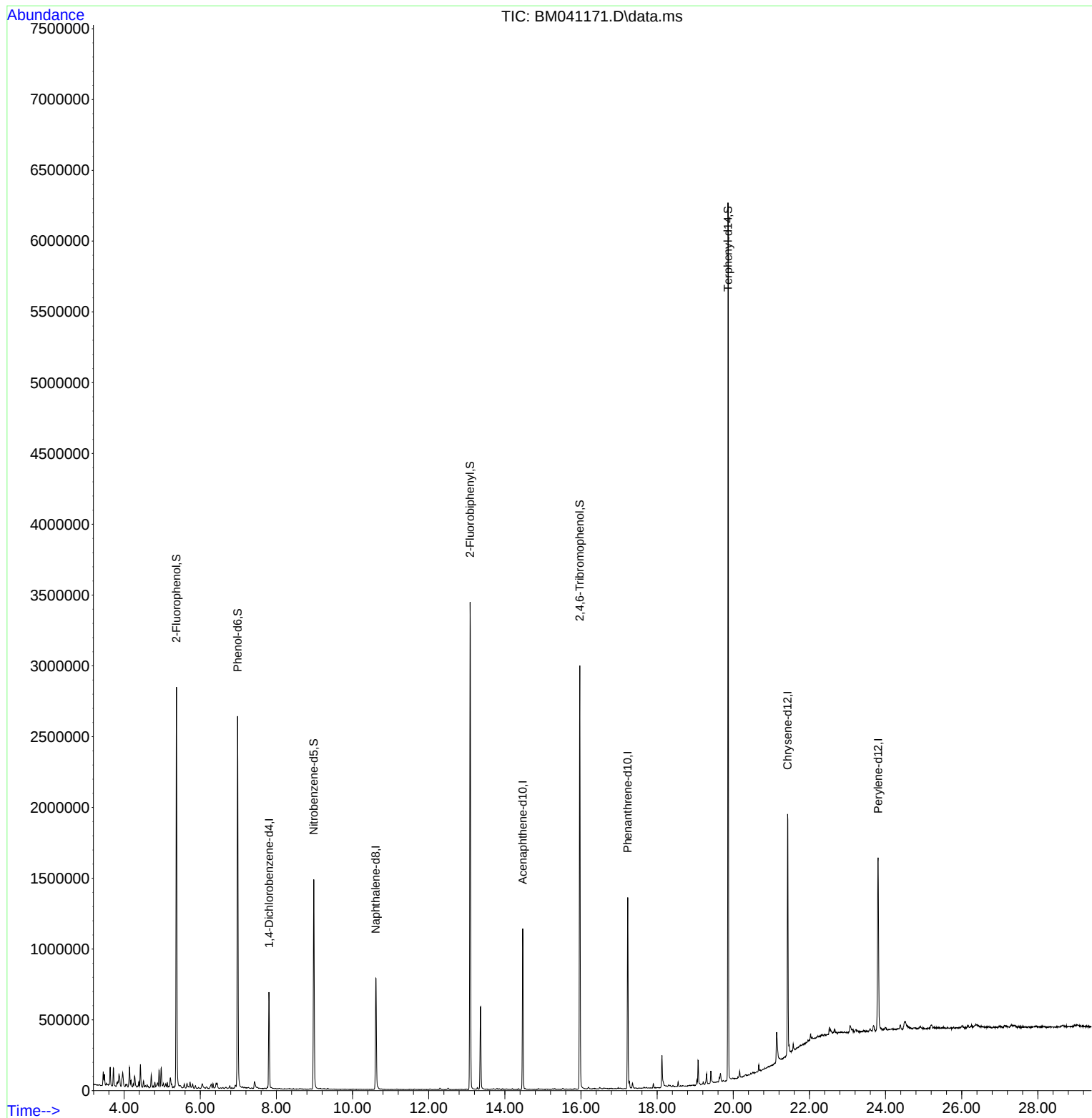
Target Compounds	Qvalue
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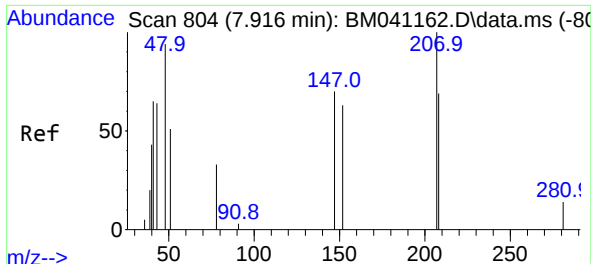
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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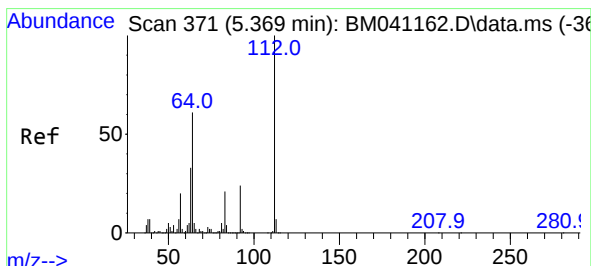
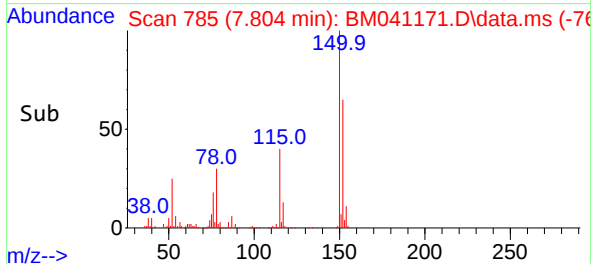
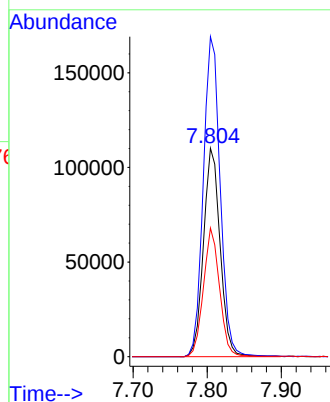
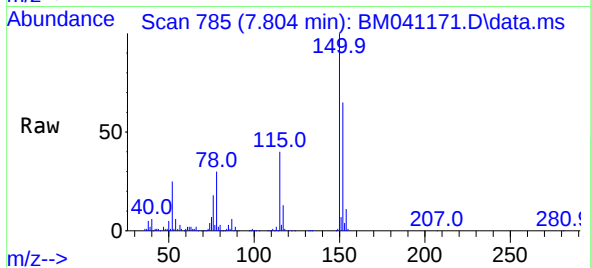




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

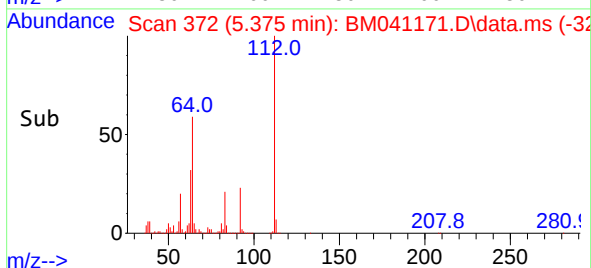
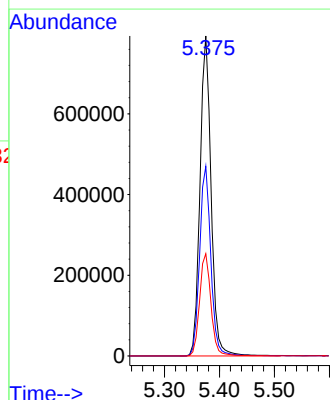
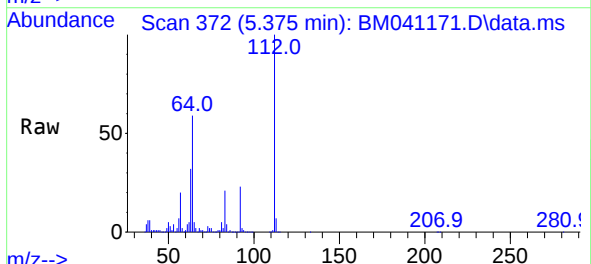
Instrument :
BNA_M
ClientSampleId :
SB-04-(9-11)

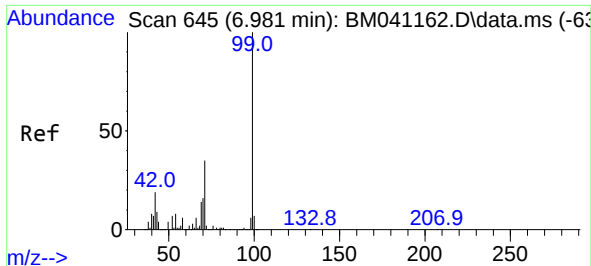
Tgt Ion:152 Resp: 171759
Ion Ratio Lower Upper
152 100
150 153.4 125.5 188.3
115 61.7 48.0 72.0



#5
2-Fluorophenol
Concen: 96.931 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.006 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

Tgt Ion:112 Resp: 1113942
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 32.0 26.5 39.7



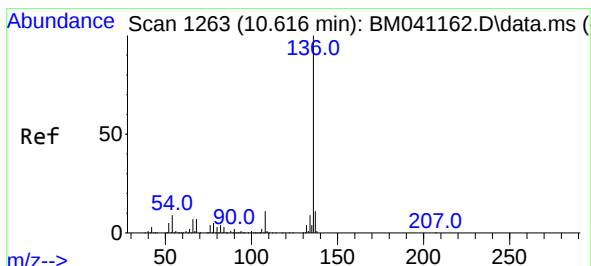
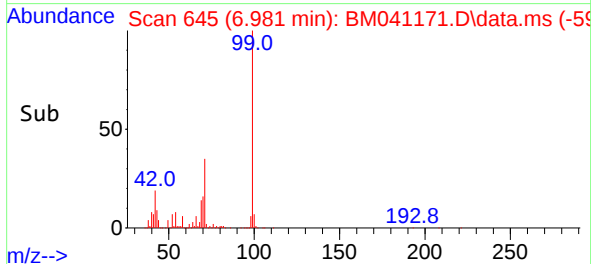
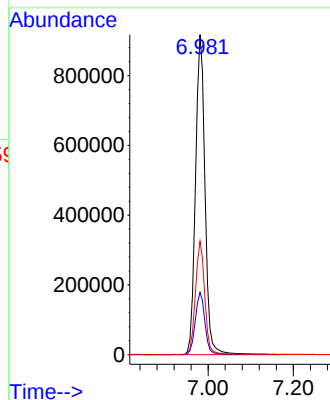
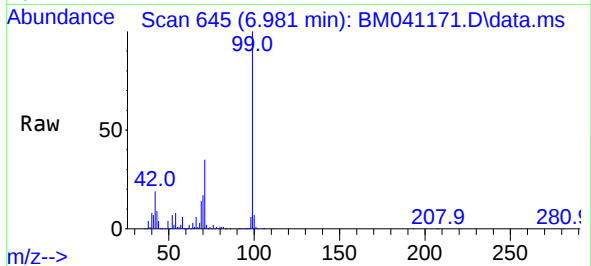


#7
Phenol-d6
Concen: 95.512 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

Instrument :
BNA_M
ClientSampleId :
SB-04-(9-11)

Tgt Ion: 99 Resp: 1422794

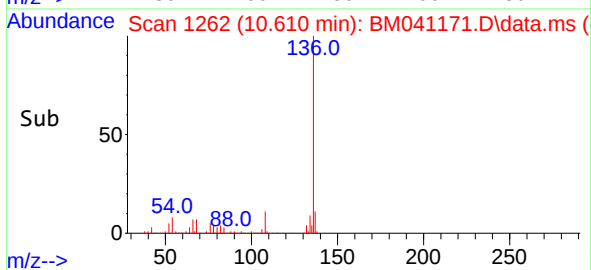
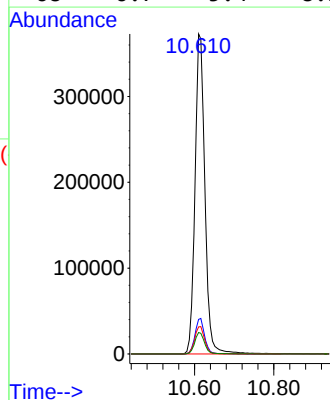
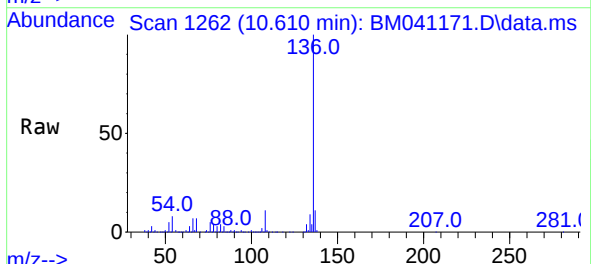
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.0
71	35.4	28.2	42.4

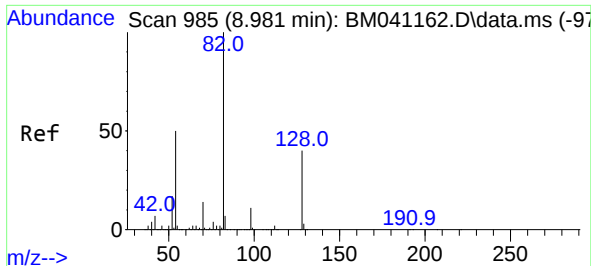


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

Tgt Ion: 136 Resp: 644925

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.5	6.9	10.3
68	6.7	5.4	8.2





#23

Nitrobenzene-d5

Concen: 59.577 ng

RT: 8.981 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041171.D

Acq: 28 Jul 2023 18:27

Instrument :

BNA_M

ClientSampleId :

SB-04-(9-11)

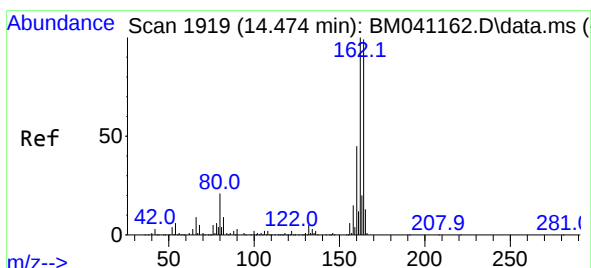
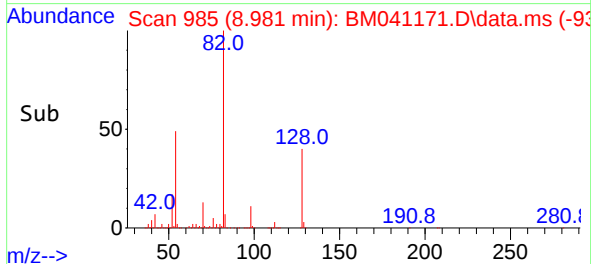
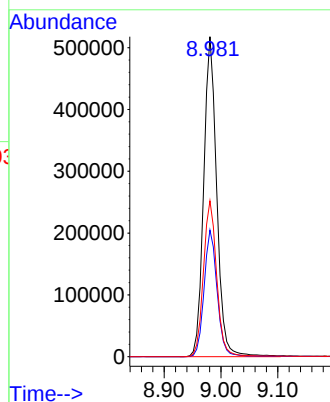
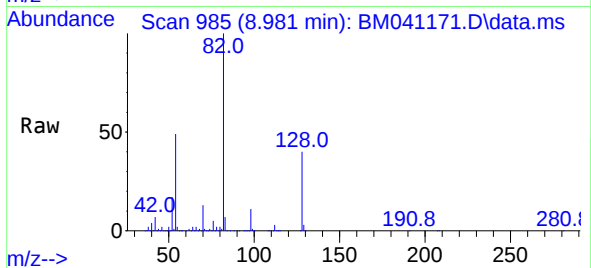
Tgt Ion: 82 Resp: 826213

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

54 48.7 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1918

Delta R.T. -0.005 min

Lab File: BM041171.D

Acq: 28 Jul 2023 18:27

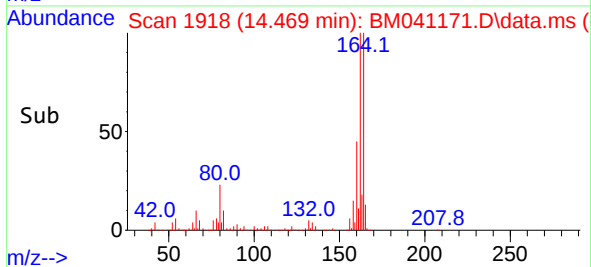
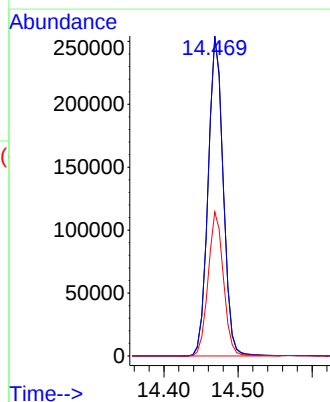
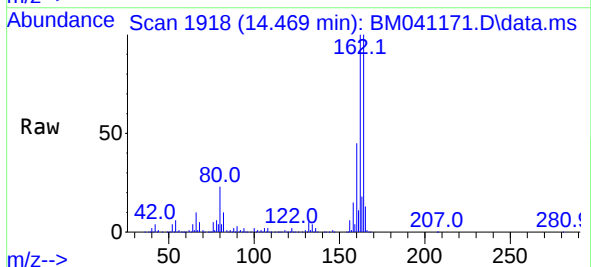
Tgt Ion:164 Resp: 358492

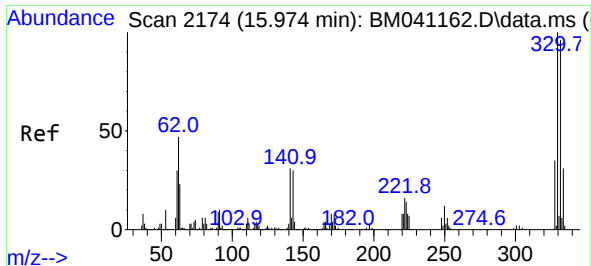
Ion Ratio Lower Upper

164 100

162 99.8 80.4 120.6

160 45.1 36.2 54.2

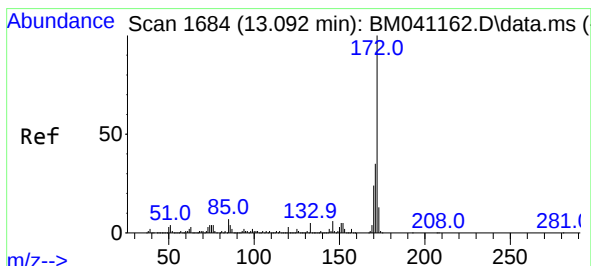
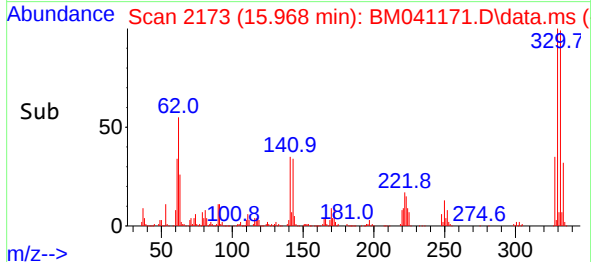
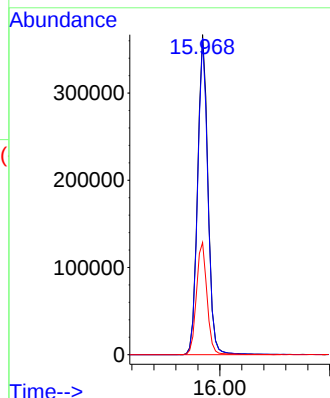
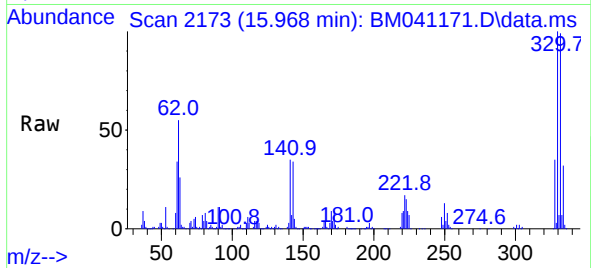




#42
2,4,6-Tribromophenol
Concen: 94.861 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

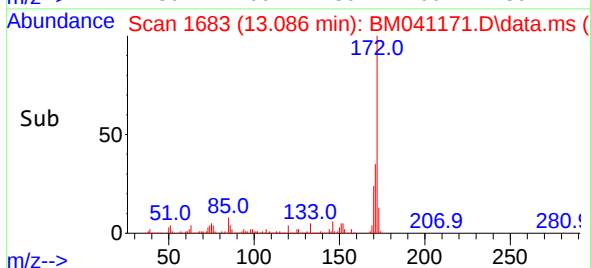
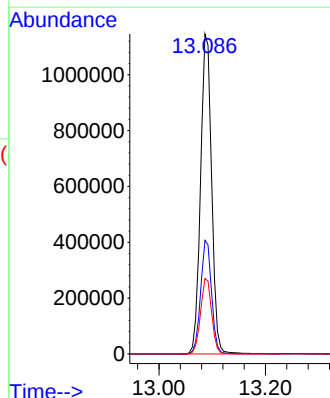
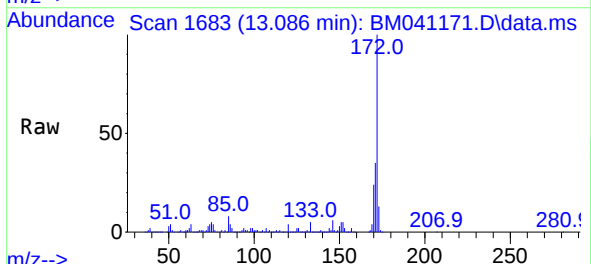
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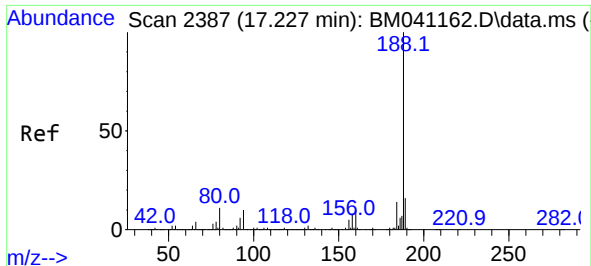
Tgt Ion:330 Resp: 481010
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 35.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 58.318 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

Tgt Ion:172 Resp: 1654990
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 18.9 28.3

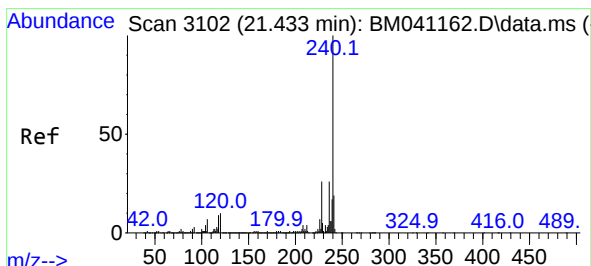
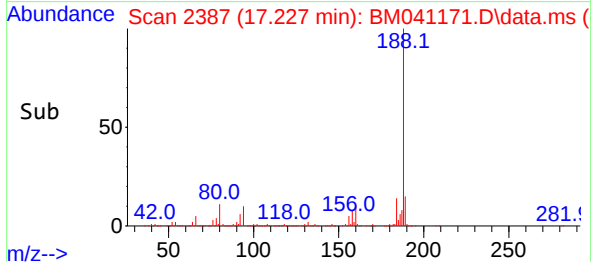
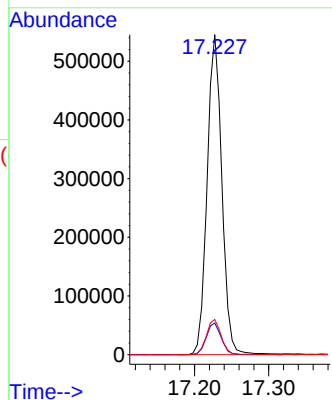
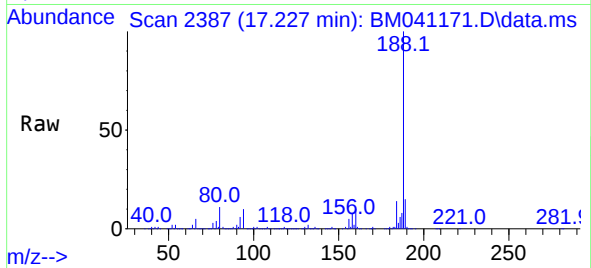




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

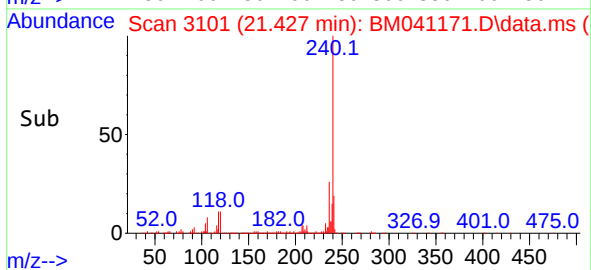
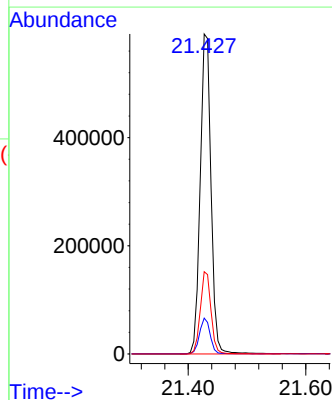
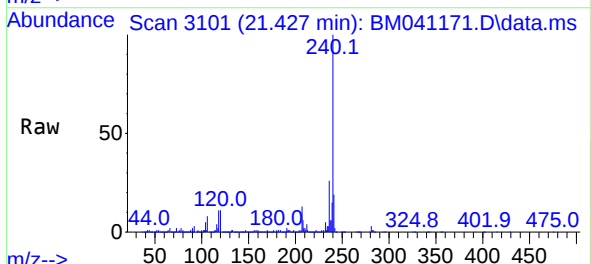
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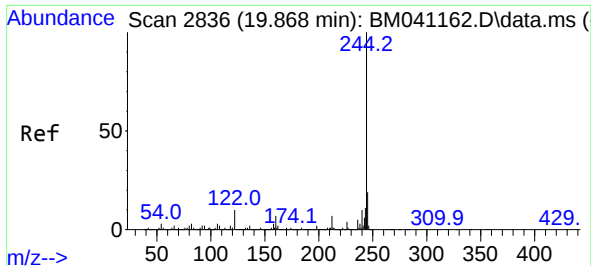
Tgt Ion:188 Resp: 752786
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 11.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041171.D
Acq: 28 Jul 2023 18:27

Tgt Ion:240 Resp: 755627
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 25.7 20.6 30.8

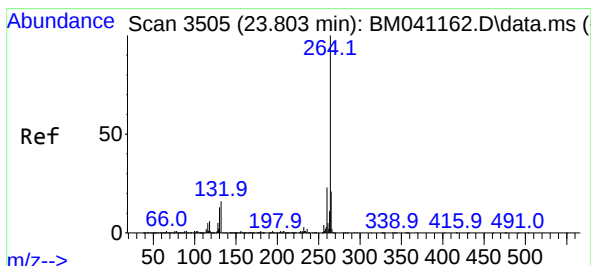
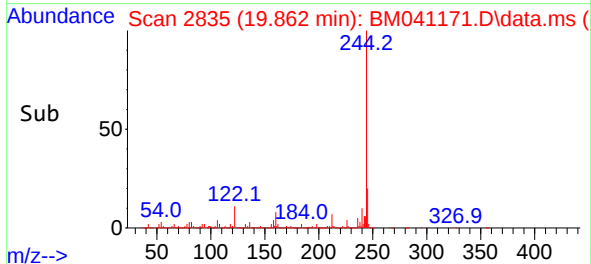
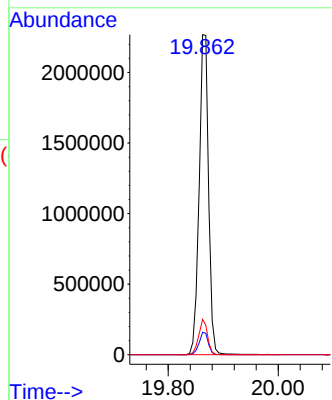
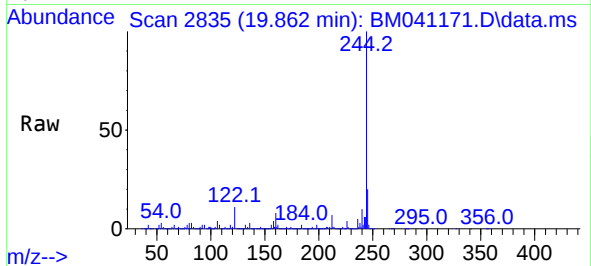




#79
 Terphenyl-d14
 Concen: 64.756 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041171.D
 Acq: 28 Jul 2023 18:27

Instrument :
 BNA_M
 ClientSampleId :
 SB-04-(9-11)

Tgt Ion:244 Resp: 2706311
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.0 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.803 min Scan# 3505
 Delta R.T. 0.000 min
 Lab File: BM041171.D
 Acq: 28 Jul 2023 18:27

Tgt Ion:264 Resp: 897157
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 22.2 17.4 26.0

