

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039547.D
 Acq On : 21 Apr 2023 11:54
 Operator : CG/JU
 Sample : 02270-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-25-7.5-9.5-20230411

Quant Time: Apr 22 01:42:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	158380	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	635222	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	362446	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	704582	20.000	ng	0.00
76) Chrysene-d12	21.418	240	609557	20.000	ng	0.00
86) Perylene-d12	23.783	264	694778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	931245	96.066	ng	0.00
7) Phenol-d6	7.001	99	1233925	86.614	ng	0.00
23) Nitrobenzene-d5	8.989	82	753379	58.080	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	244822	52.054	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1640977	62.644	ng	0.00
79) Terphenyl-d14	19.859	244	2169521	64.209	ng	0.00

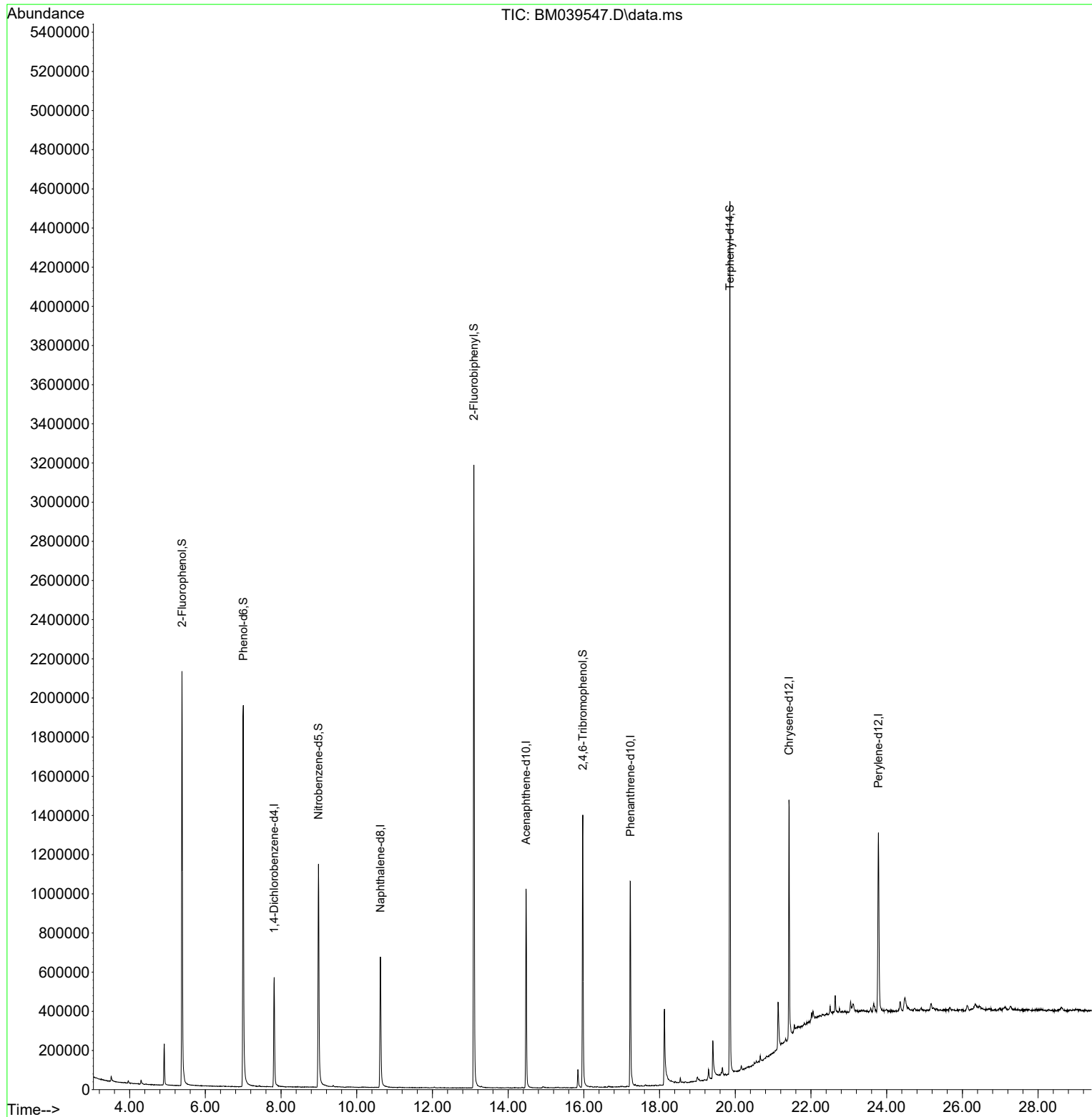
Target Compounds	Qvalue
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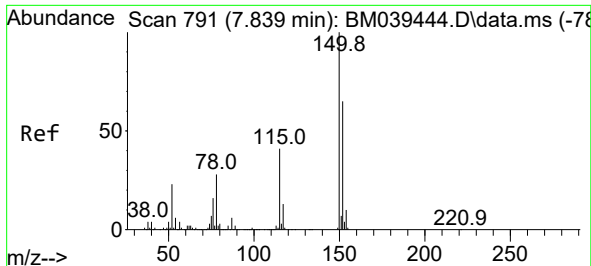
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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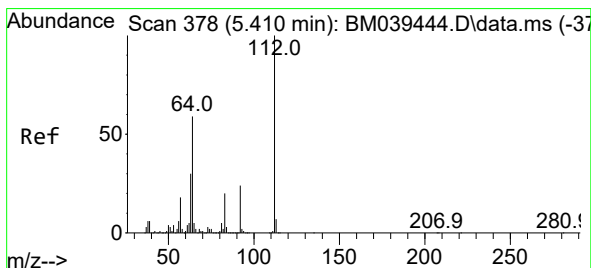
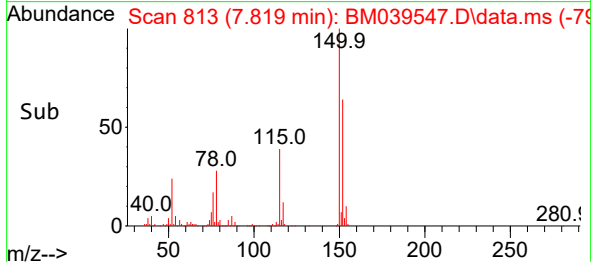
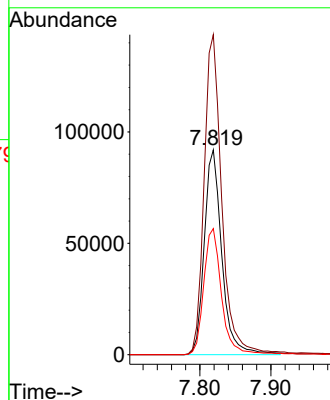
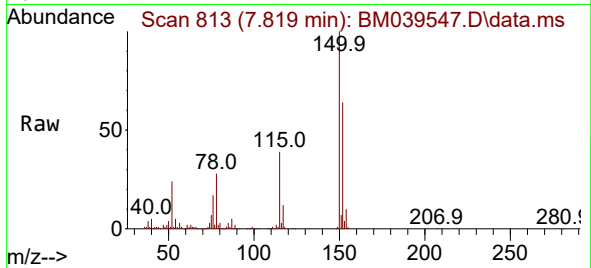




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039547.D
Acq: 21 Apr 2023 11:54

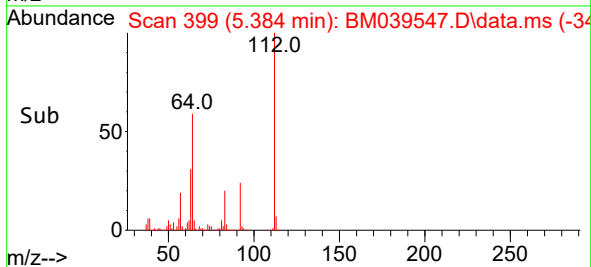
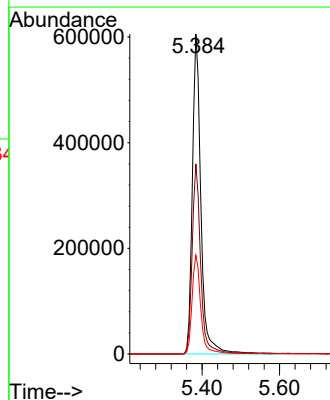
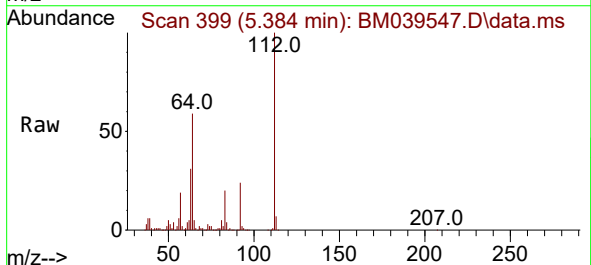
Instrument :
BNA_M
ClientSampleId :
SB-25-7.5-9.5-20230411

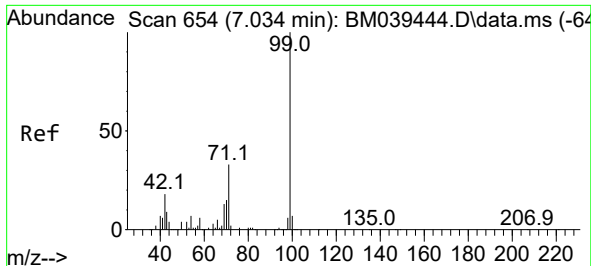
Tgt Ion:152 Resp: 158380
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.4
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 96.066 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039547.D
Acq: 21 Apr 2023 11:54

Tgt Ion:112 Resp: 931245
Ion Ratio Lower Upper
112 100
64 59.4 47.0 70.4
63 30.9 24.2 36.4

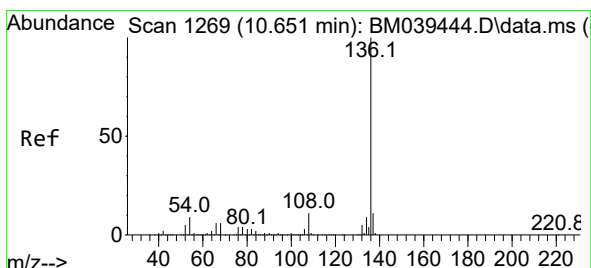
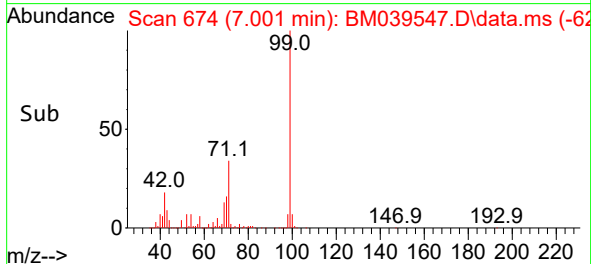
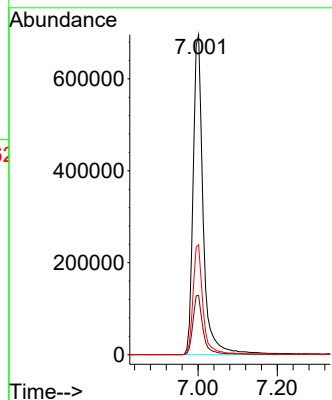
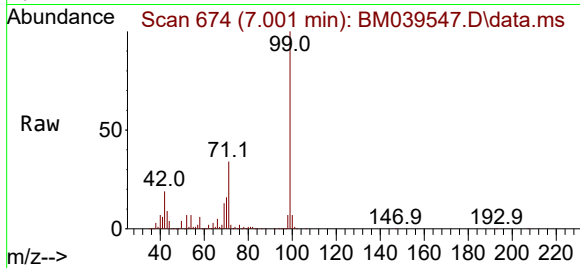




#7
Phenol-d6
Concen: 86.614 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039547.D
Acq: 21 Apr 2023 11:54

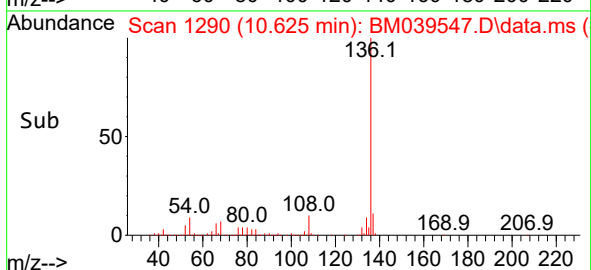
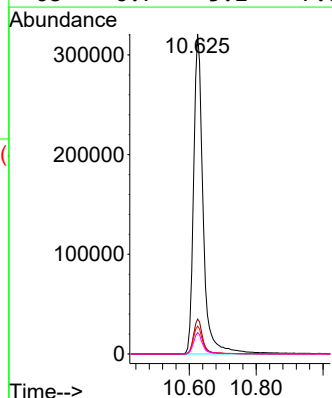
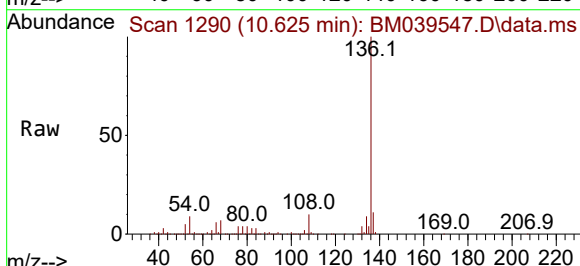
Instrument :
BNA_M
ClientSampleId :
SB-25-7.5-9.5-20230411

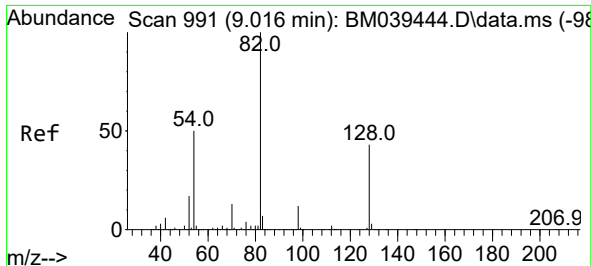
Tgt Ion: 99 Resp: 1233925
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 34.4 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039547.D
Acq: 21 Apr 2023 11:54

Tgt Ion: 136 Resp: 635222
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.9 10.3
68 6.7 5.2 7.8

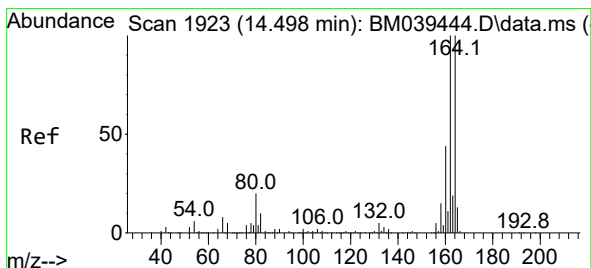
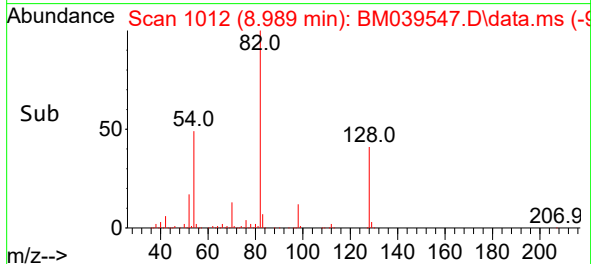
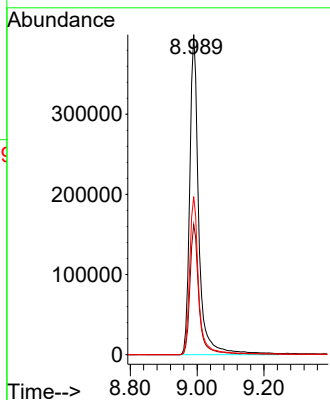
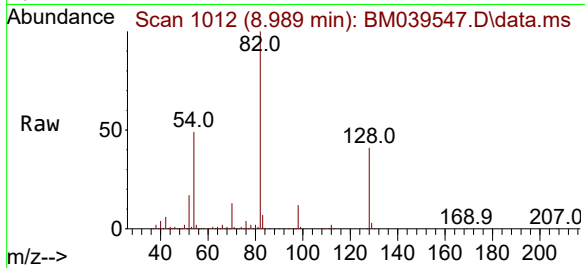




#23
Nitrobenzene-d5
Concen: 58.080 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039547.D
Acq: 21 Apr 2023 11:54

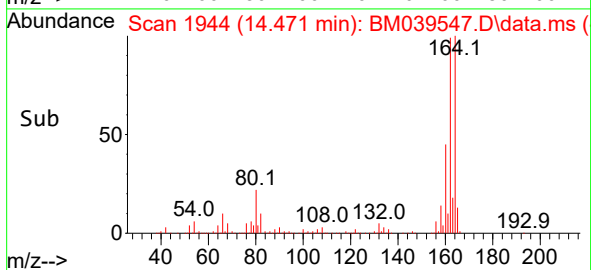
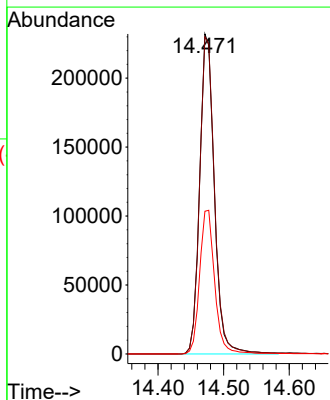
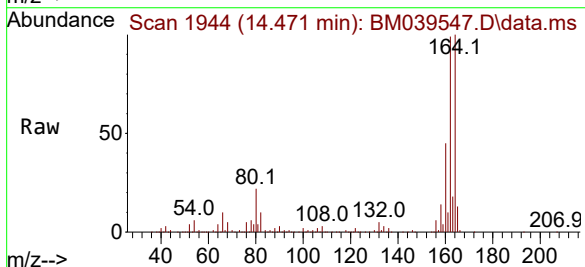
Instrument :
BNA_M
ClientSampleId :
SB-25-7.5-9.5-20230411

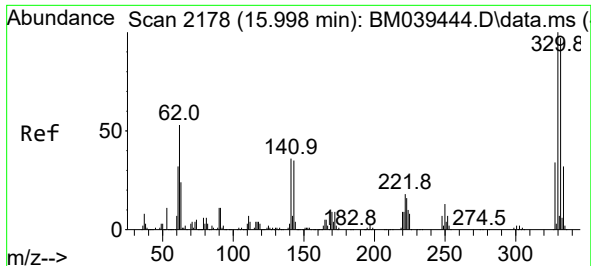
Tgt Ion: 82 Resp: 753379
Ion Ratio Lower Upper
82 100
128 40.7 34.2 51.2
54 49.4 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039547.D
Acq: 21 Apr 2023 11:54

Tgt Ion: 164 Resp: 362446
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 44.6 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 52.054 ng

RT: 15.971 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039547.D

Acq: 21 Apr 2023 11:54

Instrument :

BNA_M

ClientSampleId :

SB-25-7.5-9.5-20230411

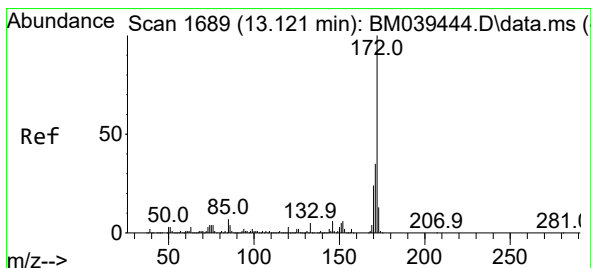
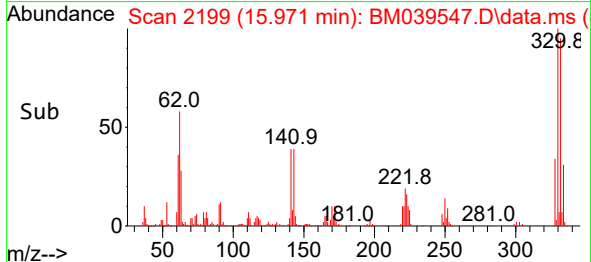
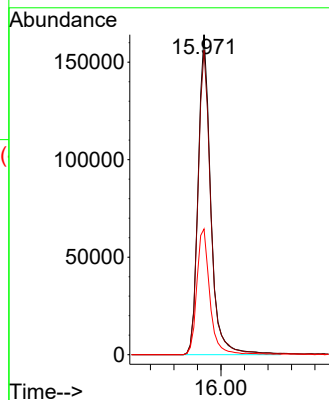
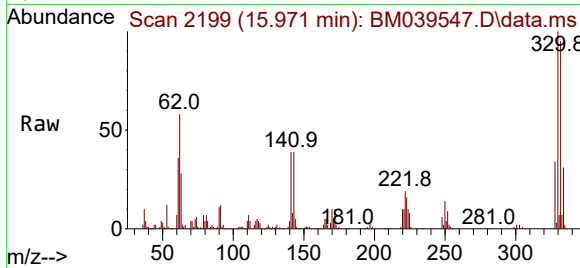
Tgt Ion:330 Resp: 244822

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 40.8 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 62.644 ng

RT: 13.095 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BM039547.D

Acq: 21 Apr 2023 11:54

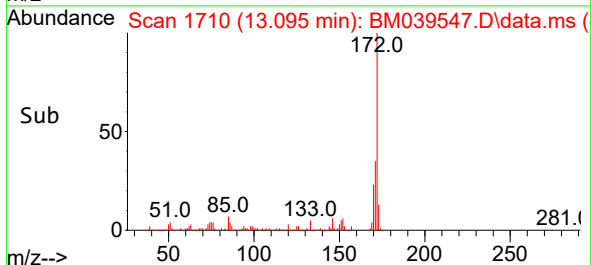
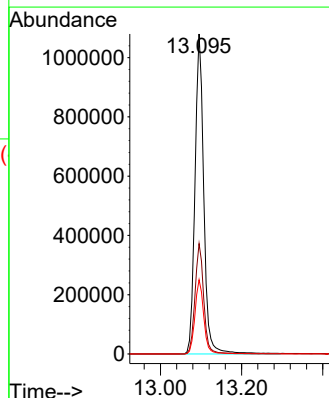
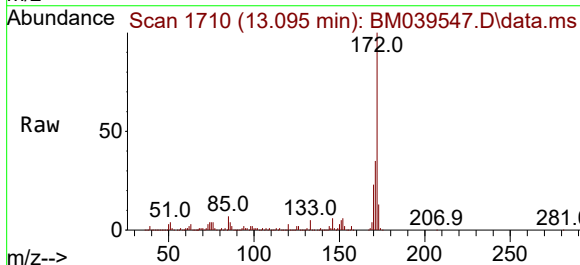
Tgt Ion:172 Resp: 1640977

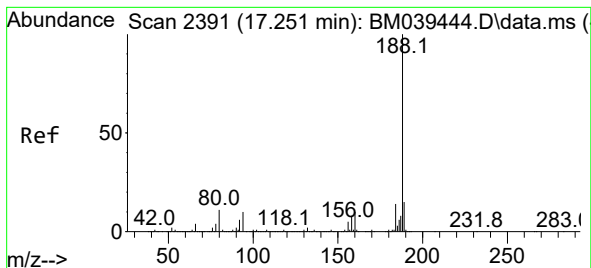
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BM039547.D

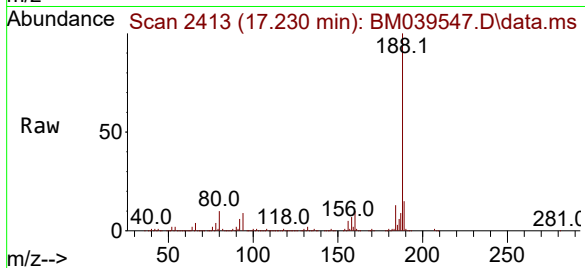
Acq: 21 Apr 2023 11:54

Instrument :

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SB-25-7.5-9.5-20230411



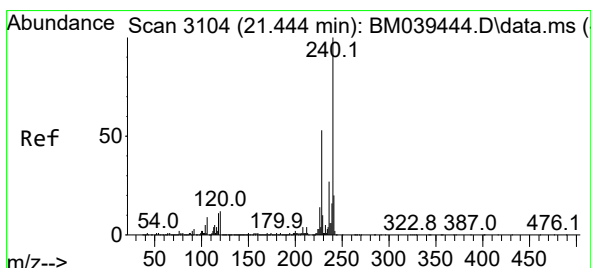
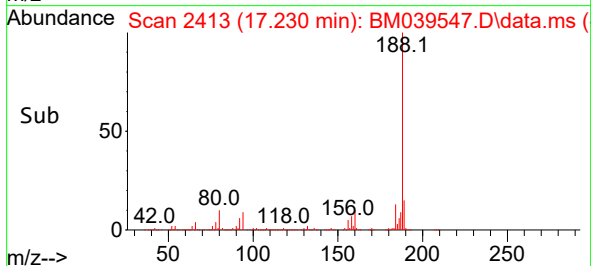
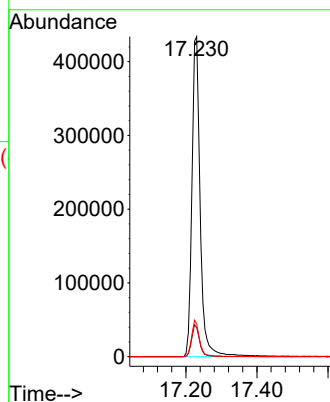
Tgt Ion:188 Resp: 704582

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 10.2 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM039547.D

Acq: 21 Apr 2023 11:54

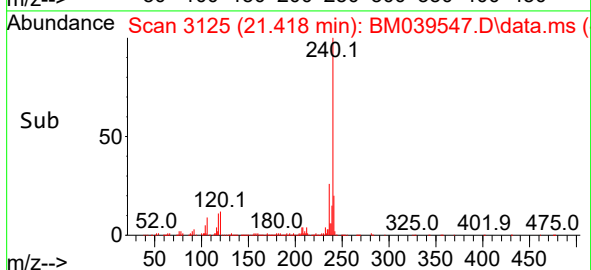
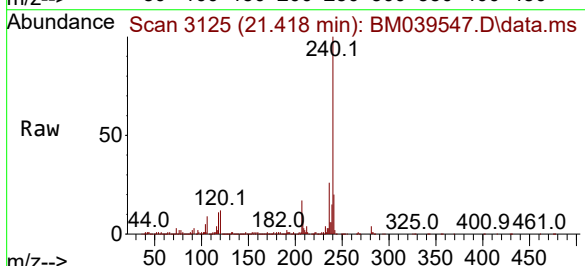
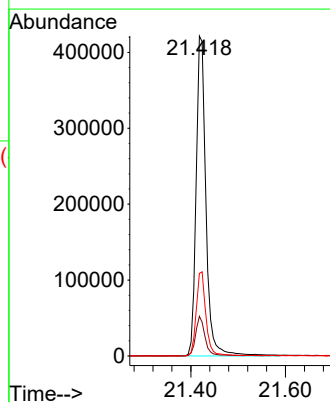
Tgt Ion:240 Resp: 609557

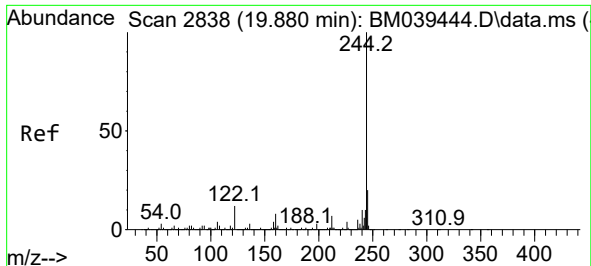
Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 25.8 21.2 31.8

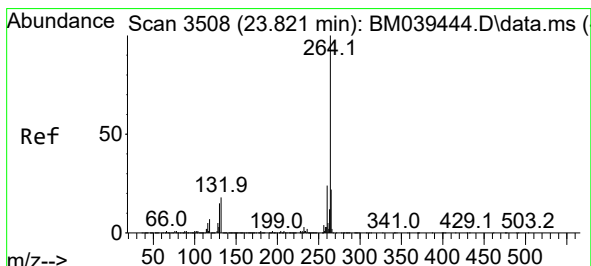
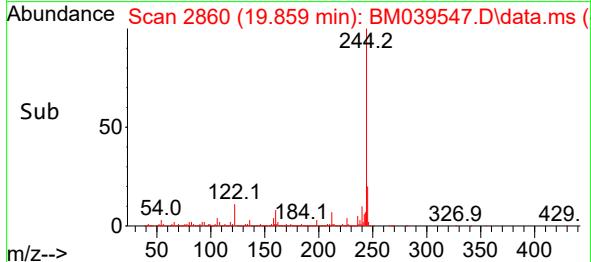
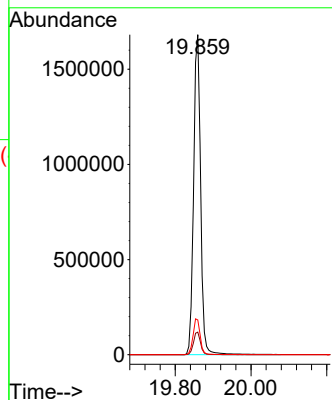
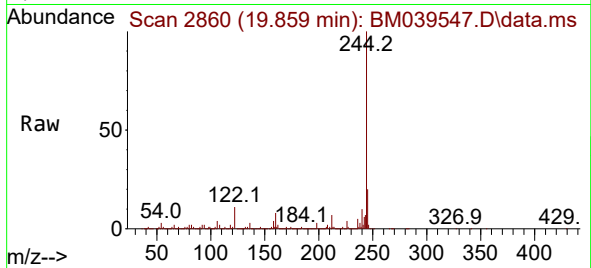




#79
 Terphenyl-d14
 Concen: 64.209 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039547.D
 Acq: 21 Apr 2023 11:54

Instrument :
 BNA_M
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 SB-25-7.5-9.5-20230411

Tgt Ion:244 Resp: 2169521
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.9 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.783 min Scan# 3527
 Delta R.T. -0.006 min
 Lab File: BM039547.D
 Acq: 21 Apr 2023 11:54

Tgt Ion:264 Resp: 694778
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.5 18.0 27.0

