

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039552.D
 Acq On : 21 Apr 2023 14:54
 Operator : CG/JU
 Sample : 02270-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-15-5-7-20230412

Quant Time: Apr 22 01:44:49 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	161085	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	645466	20.000	ng	0.00
39) Acenaphthene-d10	14.478	164	385392	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	792880	20.000	ng	0.00
76) Chrysene-d12	21.418	240	726913	20.000	ng	0.00
86) Perylene-d12	23.783	264	788927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	792929	80.424	ng	0.00
7) Phenol-d6	7.002	99	1054275	72.761	ng	0.00
23) Nitrobenzene-d5	8.990	82	633522	48.064	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	331081	66.202	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1444652	51.866	ng	0.00
79) Terphenyl-d14	19.860	244	2184231	54.208	ng	0.00

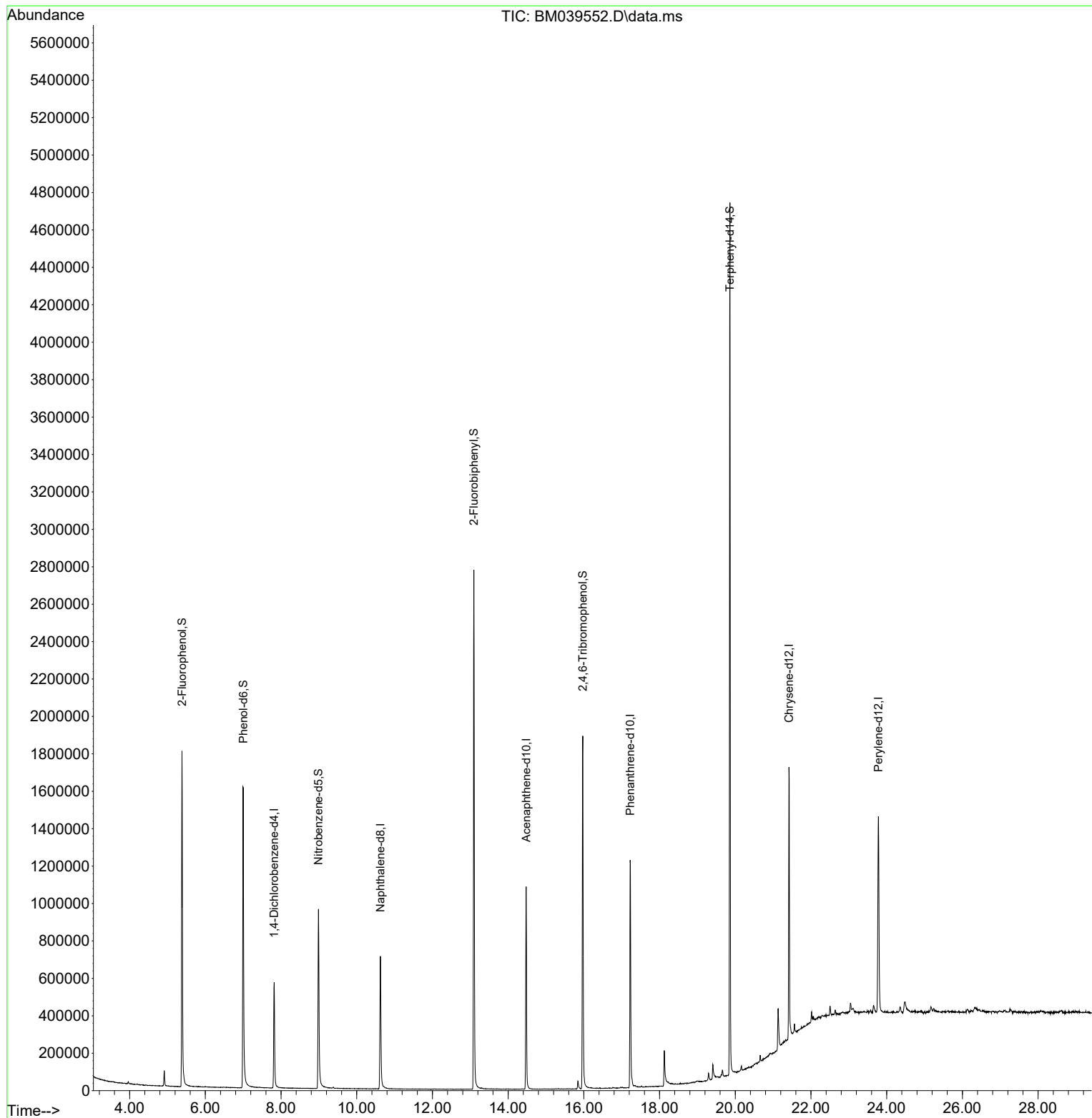
Target Compounds	Qvalue

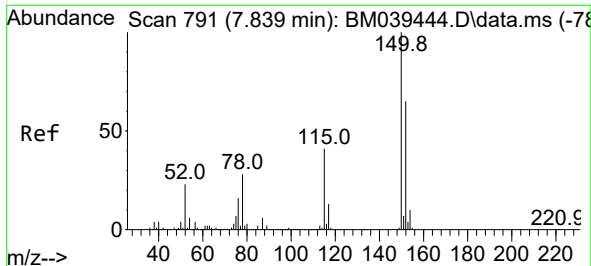
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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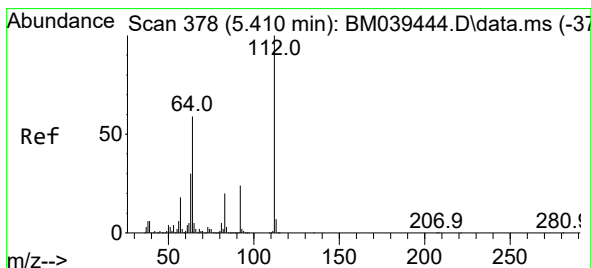
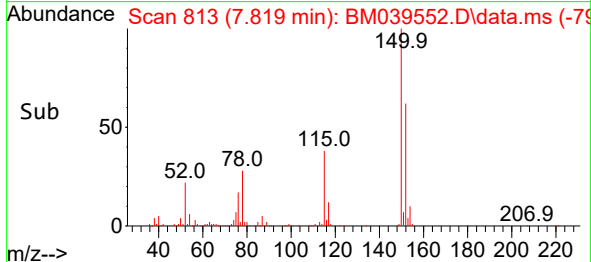
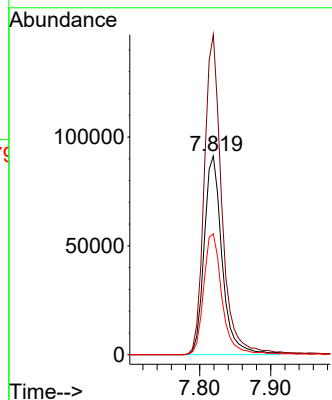
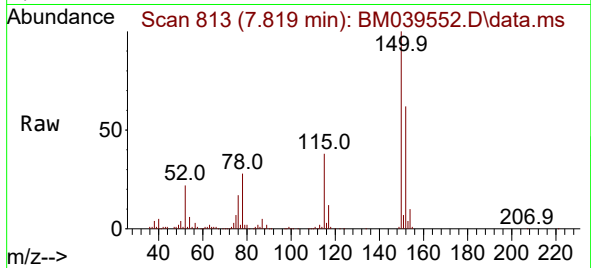




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

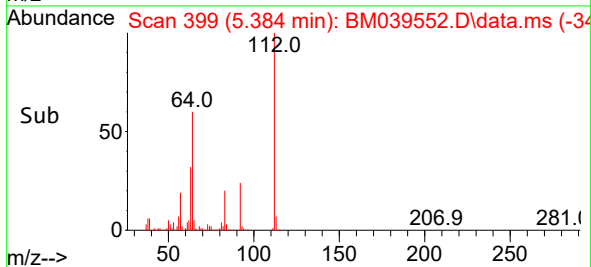
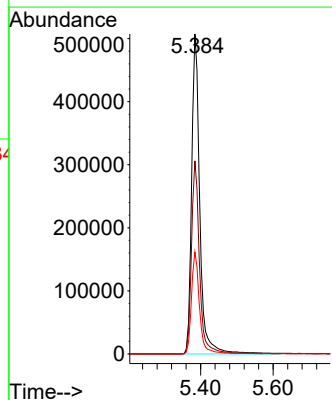
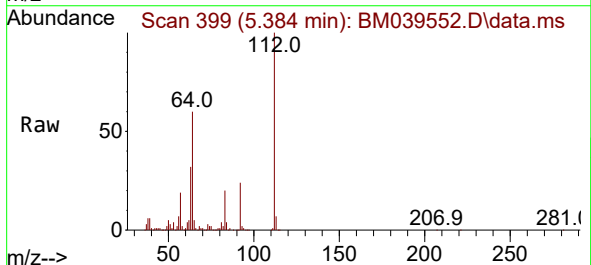
Instrument :
BNA_M
ClientSampleId :
SB-15-5-7-20230412

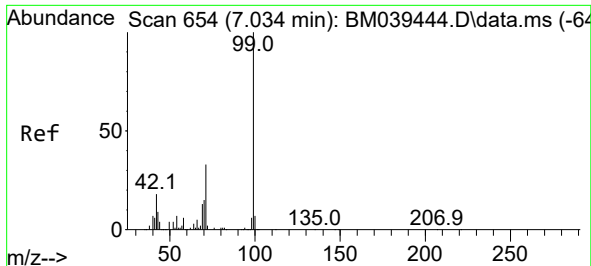
Tgt Ion:152 Resp: 161085
Ion Ratio Lower Upper
152 100
150 161.0 123.0 184.4
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 80.424 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

Tgt Ion:112 Resp: 792929
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.4
63 31.9 24.2 36.4

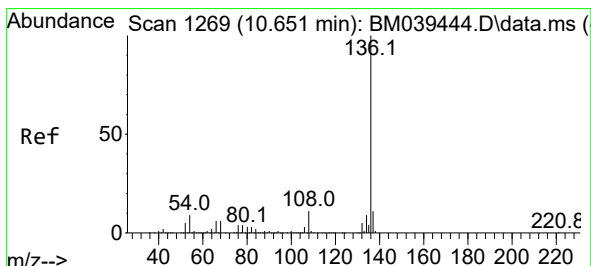
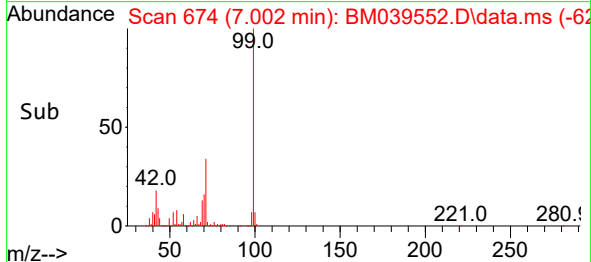
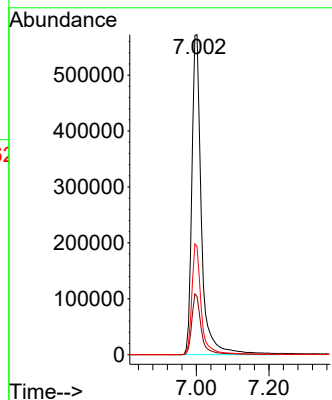
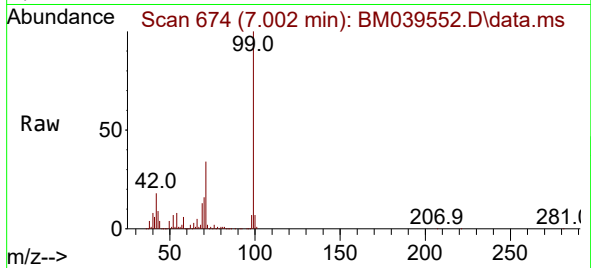




#7
Phenol-d6
Concen: 72.761 ng
RT: 7.002 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

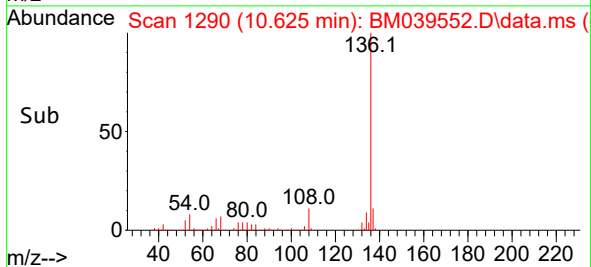
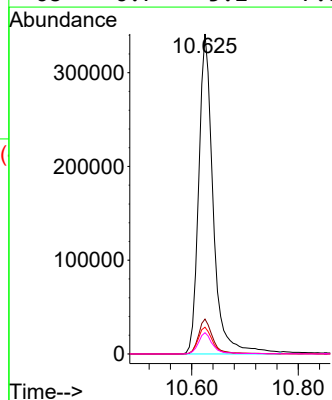
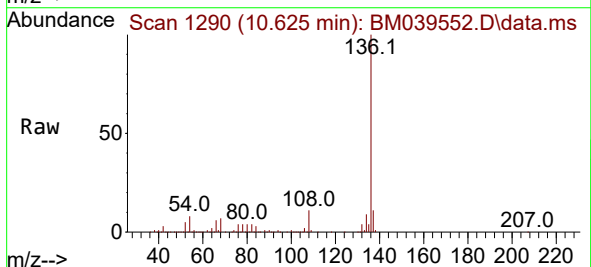
Instrument :
BNA_M
ClientSampleId :
SB-15-5-7-20230412

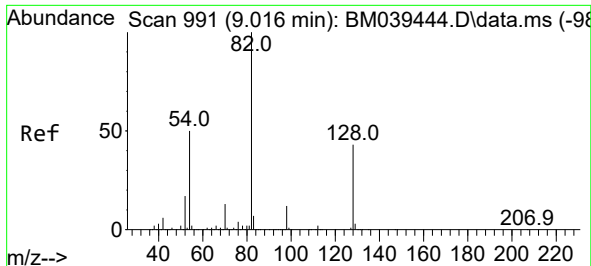
Tgt Ion: 99 Resp: 1054275
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 33.8 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

Tgt Ion: 136 Resp: 645466
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.9 10.3
68 6.7 5.2 7.8

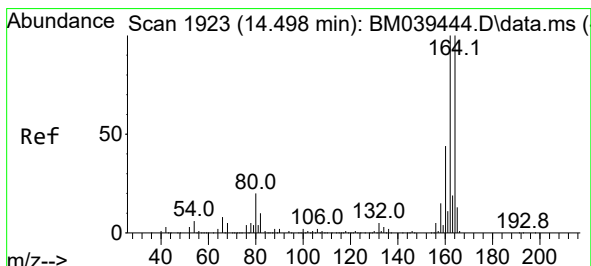
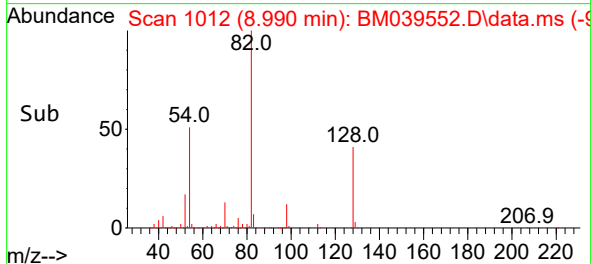
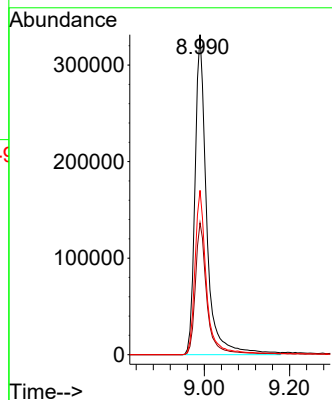
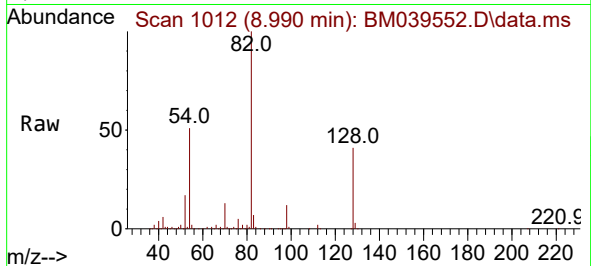




#23
Nitrobenzene-d5
Concen: 48.064 ng
RT: 8.990 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

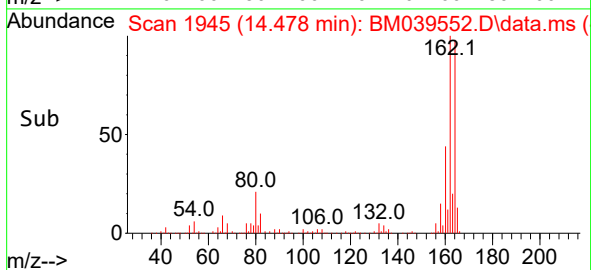
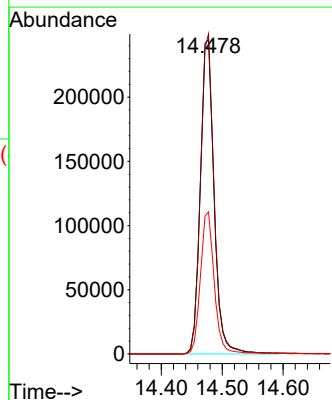
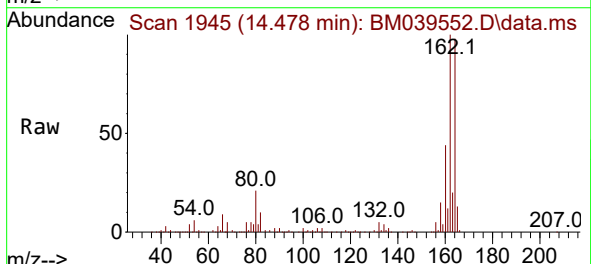
Instrument :
BNA_M
ClientSampleId :
SB-15-5-7-20230412

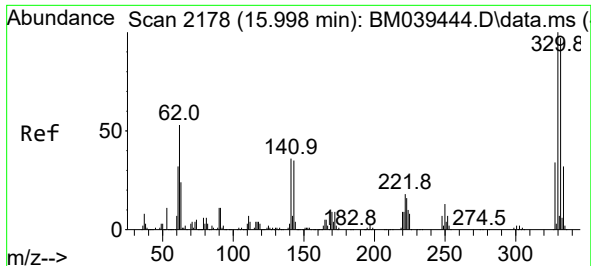
Tgt Ion: 82 Resp: 633522
Ion Ratio Lower Upper
82 100
128 41.2 34.2 51.2
54 51.4 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.478 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

Tgt Ion: 164 Resp: 385392
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.8
160 45.2 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 66.202 ng

RT: 15.972 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039552.D

Acq: 21 Apr 2023 14:54

Instrument :

BNA_M

ClientSampleId :

SB-15-5-7-20230412

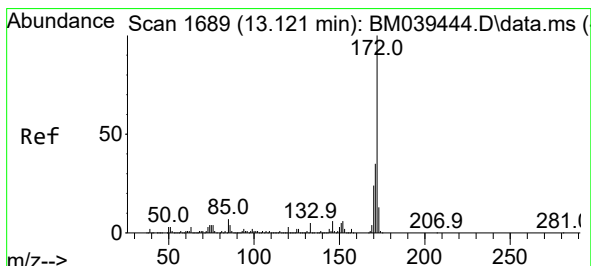
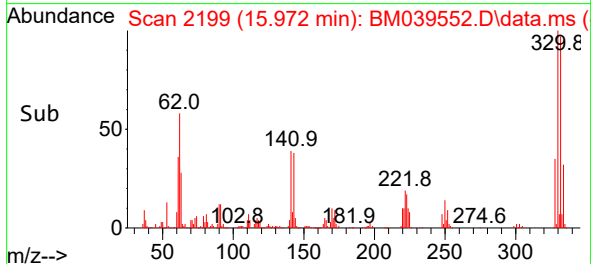
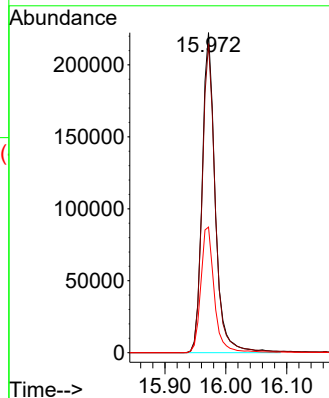
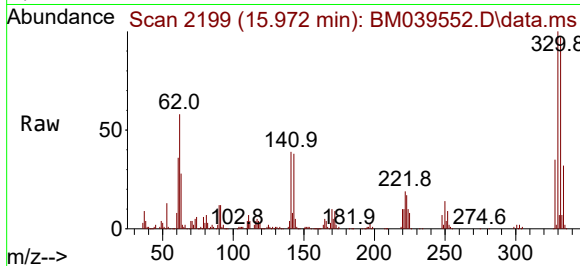
Tgt Ion:330 Resp: 331081

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

141 41.1 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 51.866 ng

RT: 13.095 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BM039552.D

Acq: 21 Apr 2023 14:54

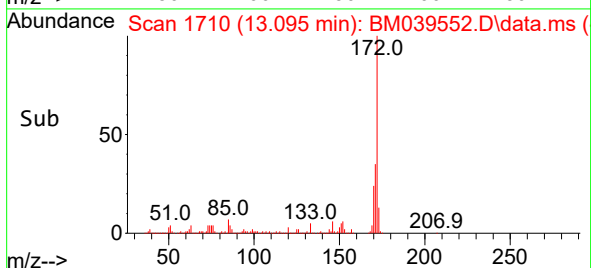
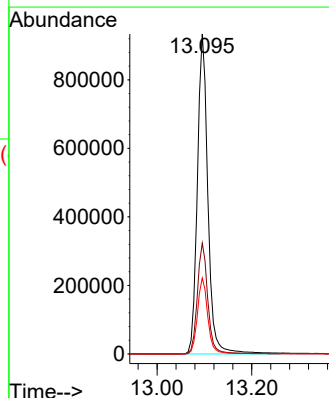
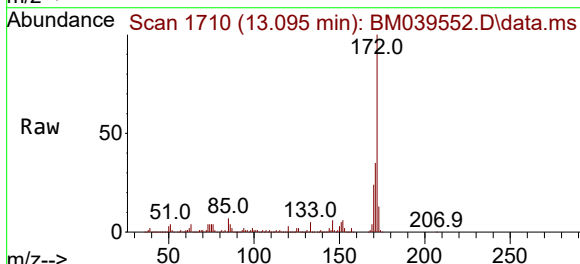
Tgt Ion:172 Resp: 1444652

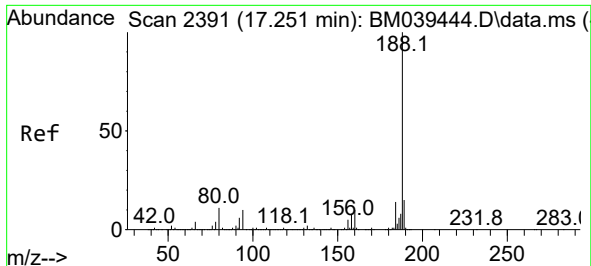
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 23.7 19.0 28.4

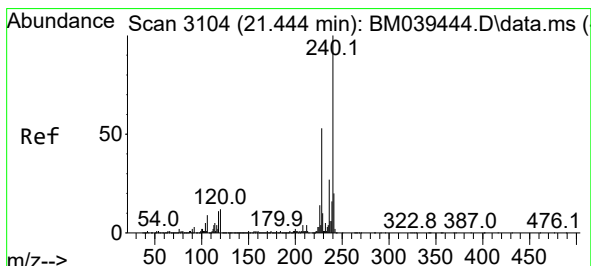
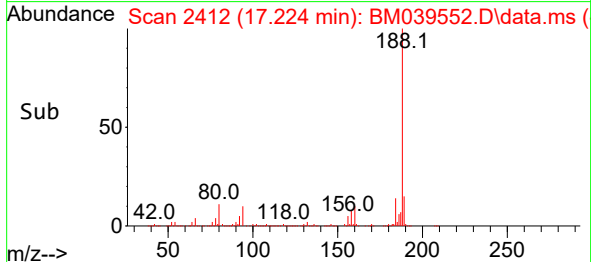
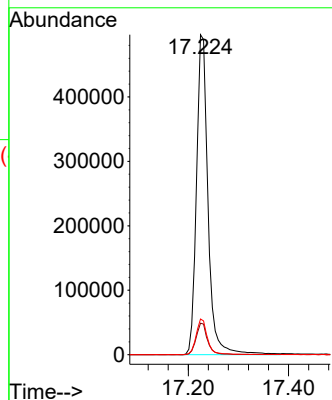
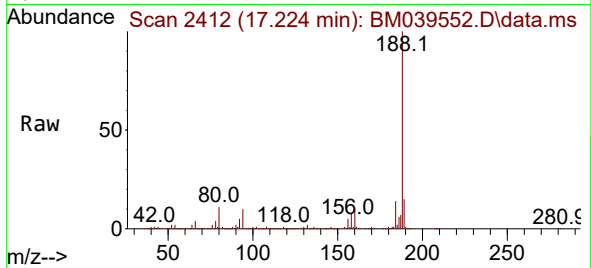




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

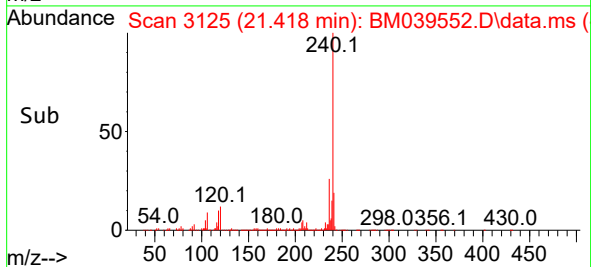
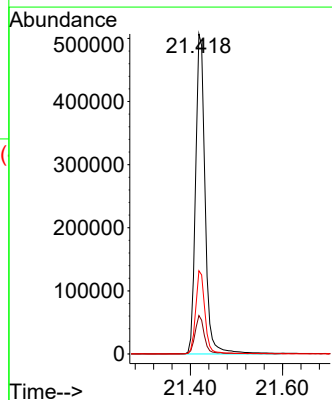
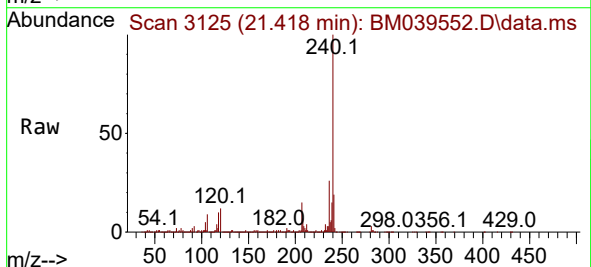
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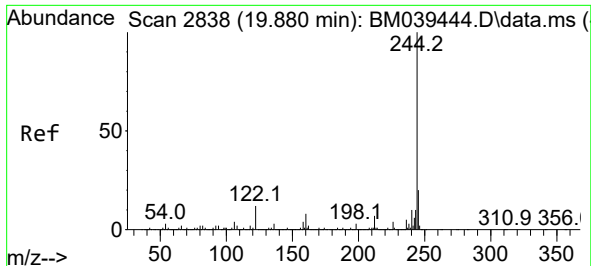
Tgt Ion:188 Resp: 792880
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.418 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM039552.D
Acq: 21 Apr 2023 14:54

Tgt Ion:240 Resp: 726913
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 26.0 21.2 31.8

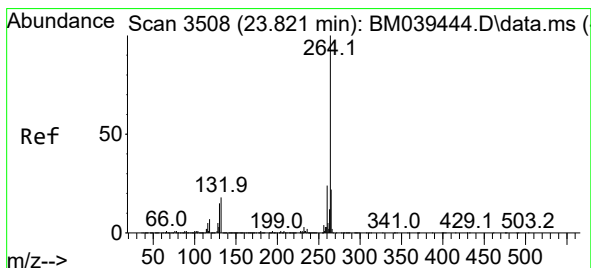
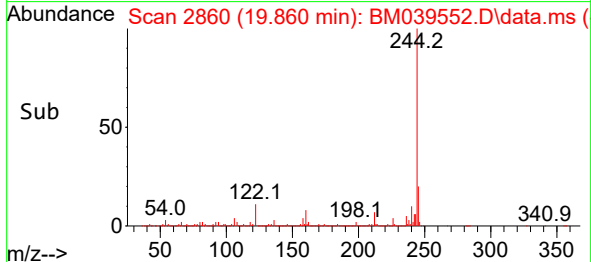
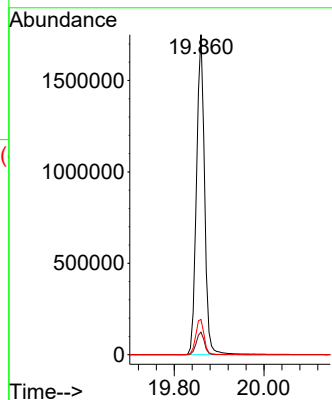
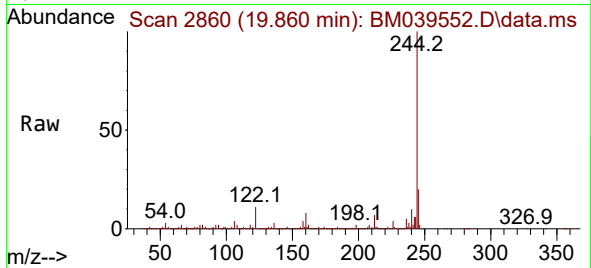




#79
 Terphenyl-d14
 Concen: 54.208 ng
 RT: 19.860 min Scan# 2184231
 Delta R.T. -0.006 min
 Lab File: BM039552.D
 Acq: 21 Apr 2023 14:54

Instrument :
 BNA_M
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 SB-15-5-7-20230412

Tgt Ion:244 Resp: 2184231
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.0 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: BM039552.D
 Acq: 21 Apr 2023 14:54

Tgt Ion:264 Resp: 788927
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.1 18.0 27.0

