

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039562.D
 Acq On : 21 Apr 2023 21:40
 Operator : CG/JU
 Sample : 02406-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-14-COMP

Quant Time: Apr 22 01:48:04 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)

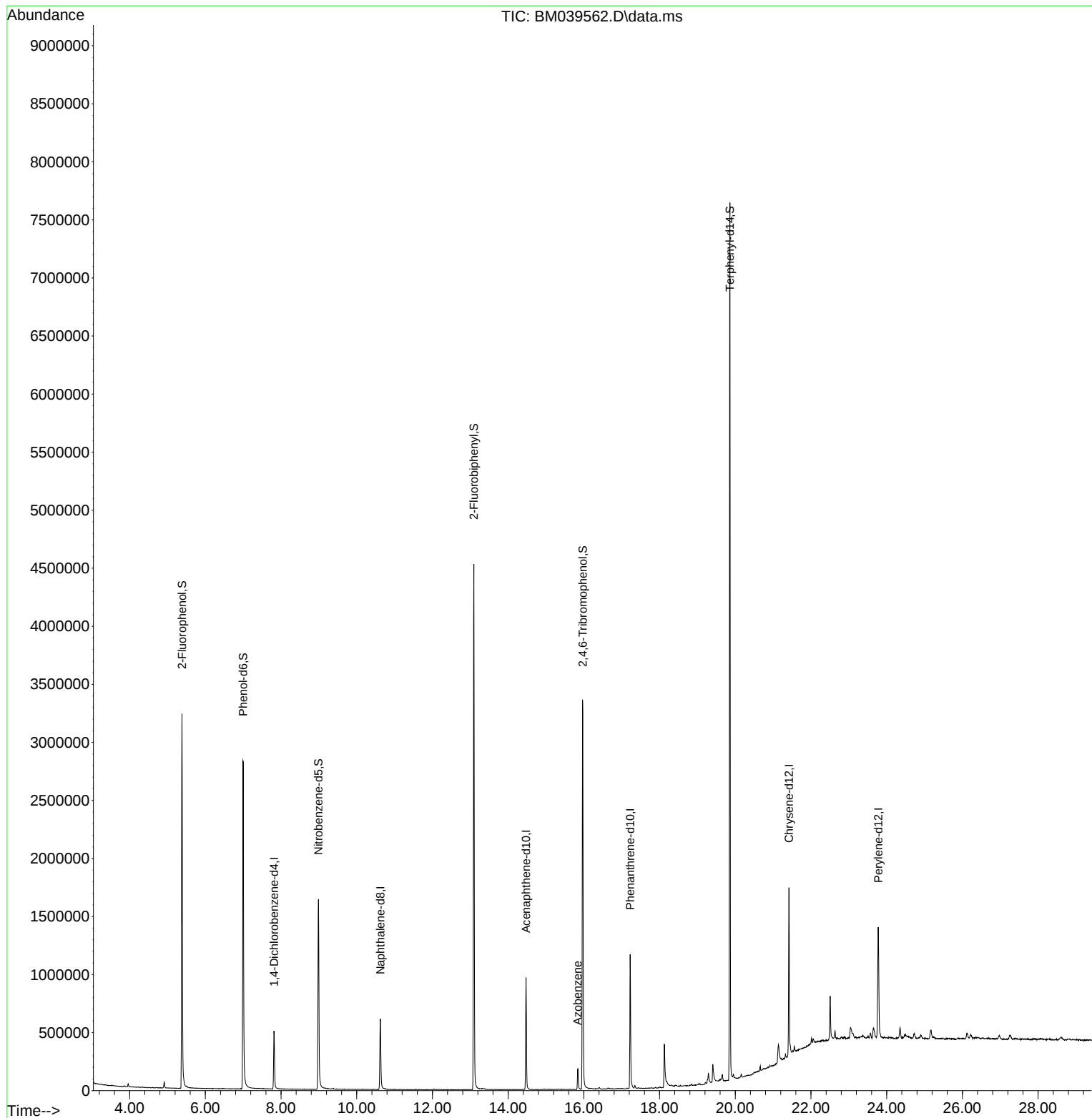
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	138198	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	554367	20.000	ng	0.00
39) Acenaphthene-d10	14.472	164	333611	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	707309	20.000	ng	0.00
76) Chrysene-d12	21.418	240	645281	20.000	ng	0.00
86) Perylene-d12	23.777	264	705459	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1370952	162.079	ng	0.00
7) Phenol-d6	6.996	99	1762429	141.778	ng	-0.01
23) Nitrobenzene-d5	8.990	82	1057980	93.458	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	592695	136.910	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	2269312	94.118	ng	0.00
79) Terphenyl-d14	19.859	244	3596318	100.544	ng	0.00
Target Compounds						
63) Azobenzene	15.836	77	60053	2.201	ng	Qvalue # 1

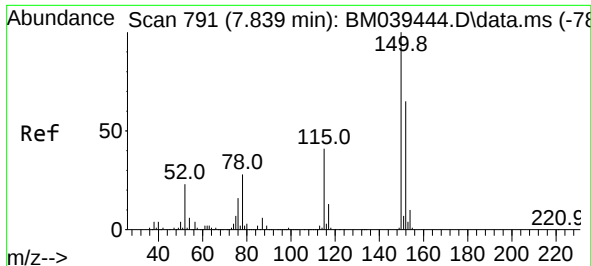
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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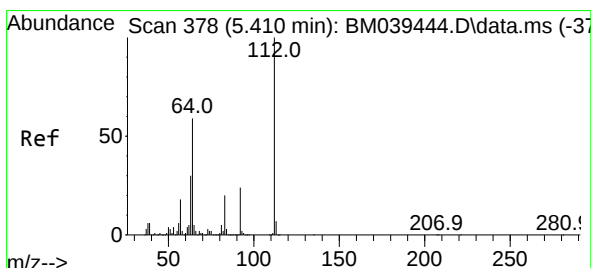
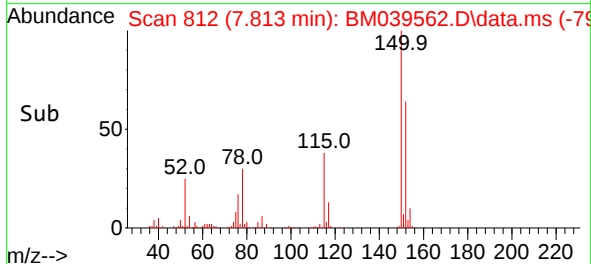
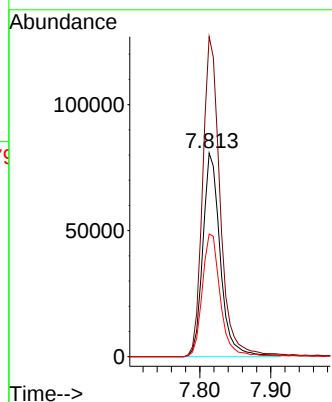
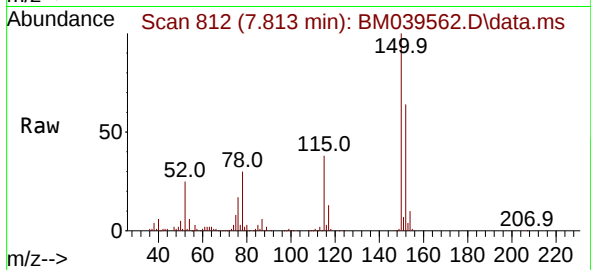




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039562.D
Acq: 21 Apr 2023 21:40

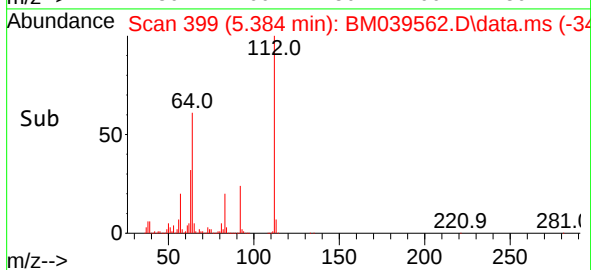
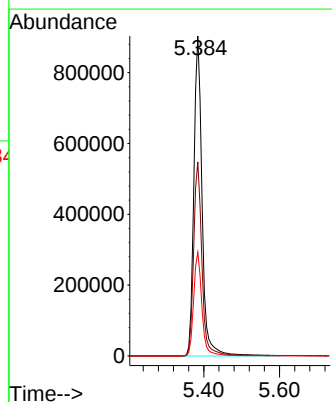
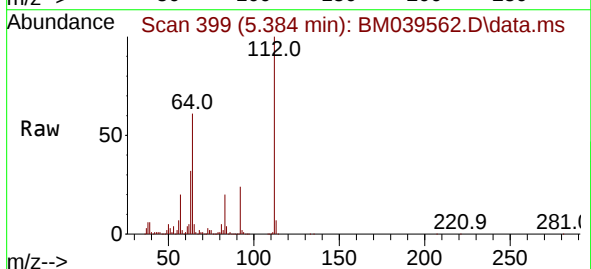
Instrument :
BNA_M
ClientSampleId :
SB-14-COMP

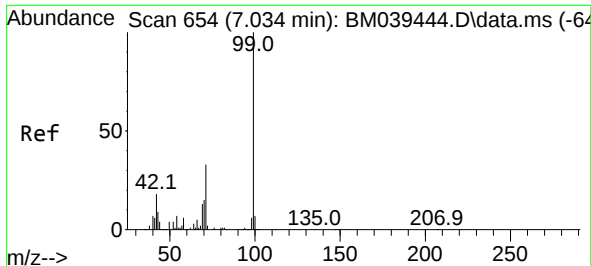
Tgt Ion:152 Resp: 138198
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.4
115 60.2 49.9 74.9



#5
2-Fluorophenol
Concen: 162.079 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039562.D
Acq: 21 Apr 2023 21:40

Tgt Ion:112 Resp: 1370952
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.4
63 32.4 24.2 36.4

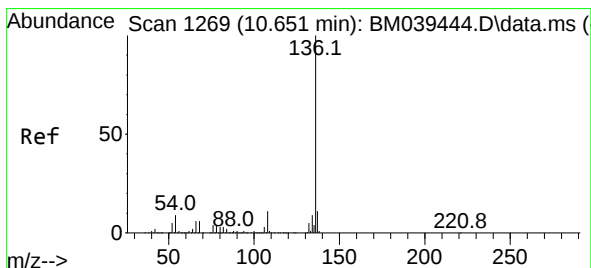
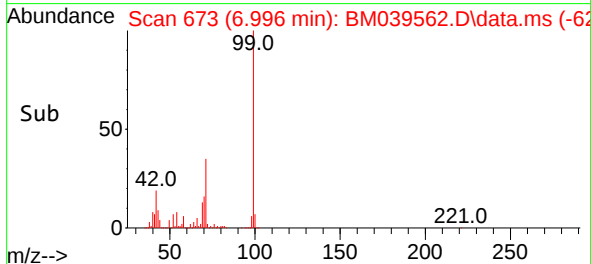
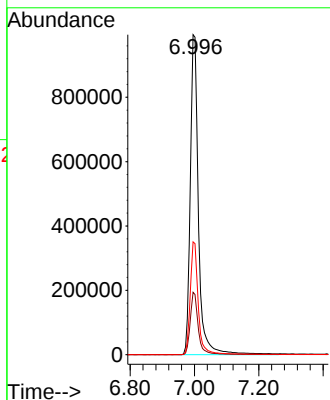
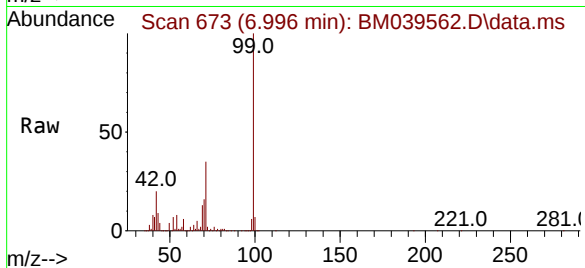




#7
Phenol-d6
Concen: 141.778 ng
RT: 6.996 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM039562.D
Acq: 21 Apr 2023 21:40

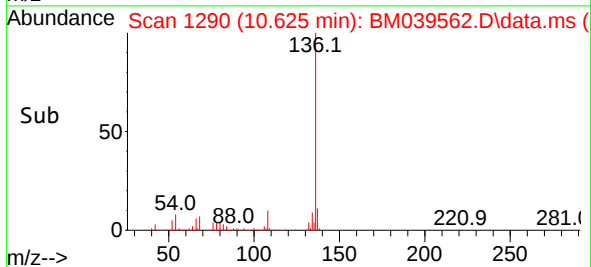
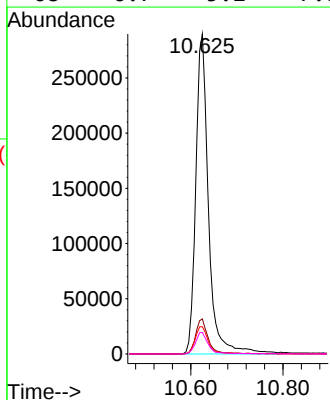
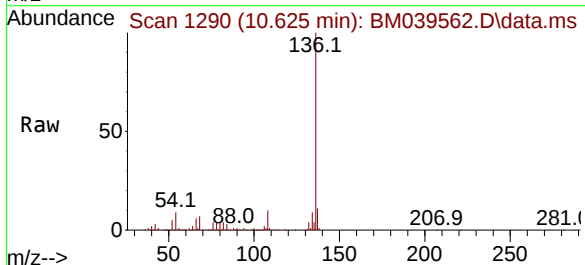
Instrument :
BNA_M
ClientSampleId :
SB-14-COMP

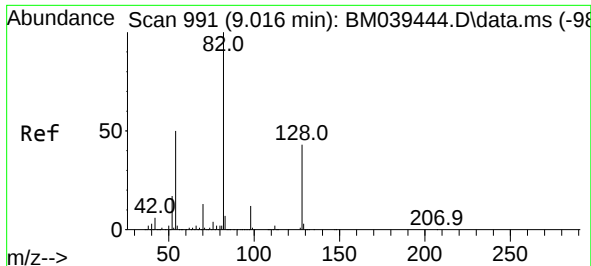
Tgt Ion: 99 Resp: 1762429
Ion Ratio Lower Upper
99 100
42 19.5 14.2 21.4
71 35.3 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039562.D
Acq: 21 Apr 2023 21:40

Tgt Ion: 136 Resp: 554367
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.9 10.3
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 93.458 ng

RT: 8.990 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM039562.D

Acq: 21 Apr 2023 21:40

Instrument :

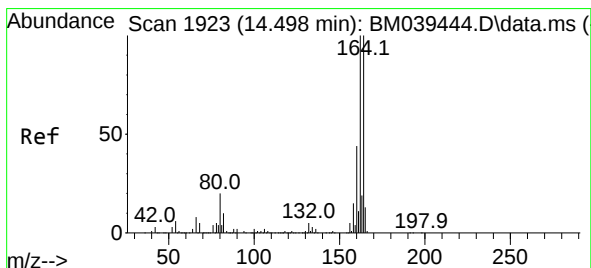
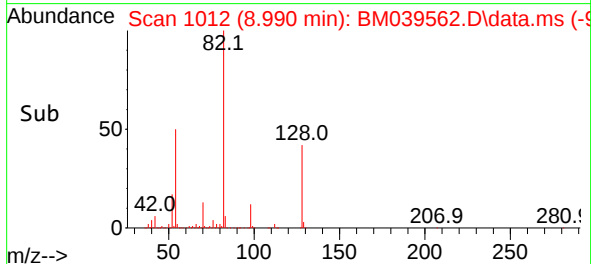
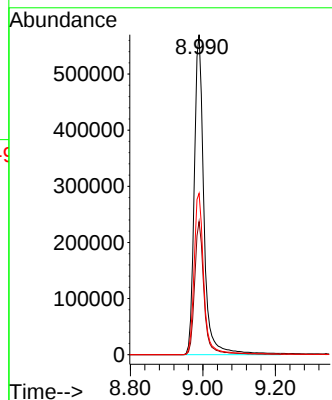
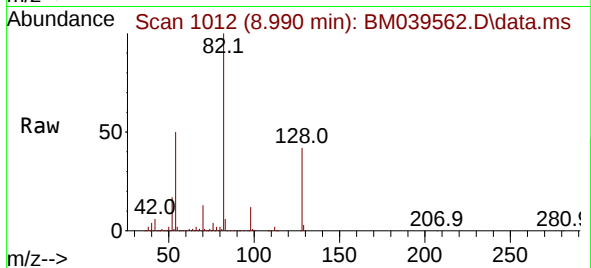
BNA_M

ClientSampleId :

SB-14-COMP

Tgt Ion: 82 Resp: 1057980

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	50.4	39.7	59.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.472 min Scan# 1944

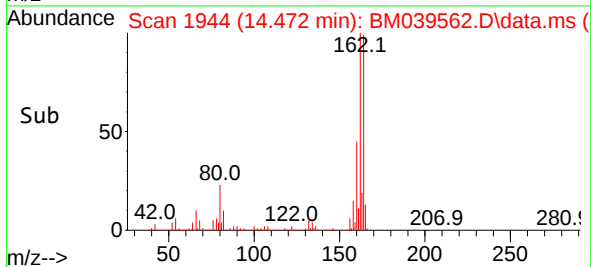
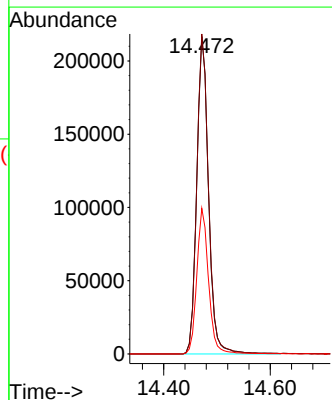
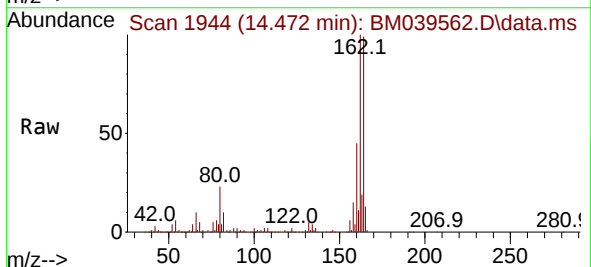
Delta R.T. -0.006 min

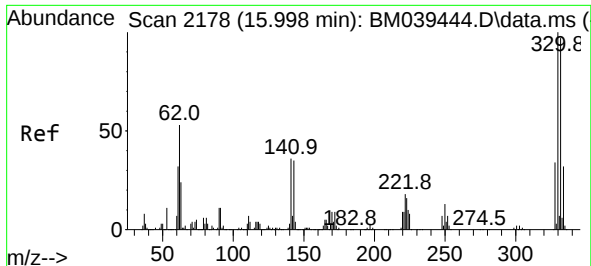
Lab File: BM039562.D

Acq: 21 Apr 2023 21:40

Tgt Ion: 164 Resp: 333611

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.8	119.8
160	45.9	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 136.910 ng

RT: 15.971 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039562.D

Acq: 21 Apr 2023 21:40

Instrument :

BNA_M

ClientSampleId :

SB-14-COMP

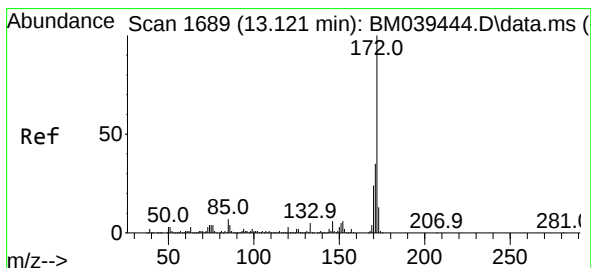
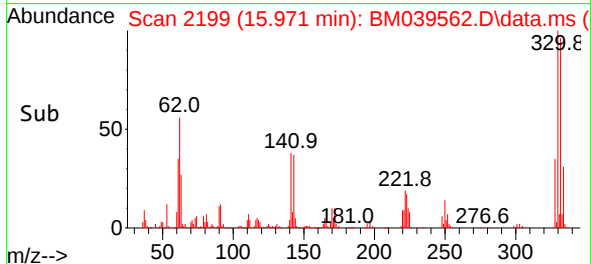
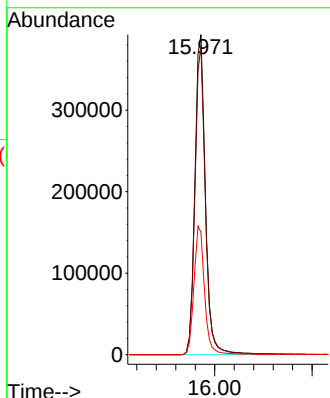
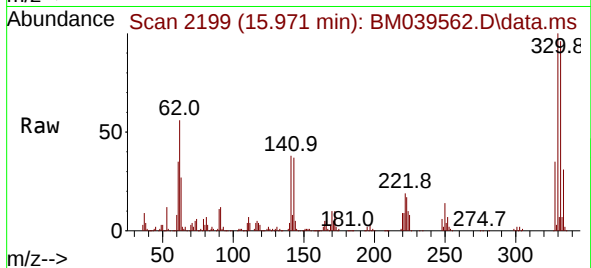
Tgt Ion:330 Resp: 592695

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

141 40.6 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 94.118 ng

RT: 13.095 min Scan# 1710

Delta R.T. -0.006 min

Lab File: BM039562.D

Acq: 21 Apr 2023 21:40

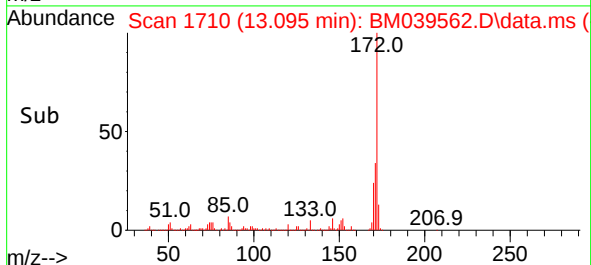
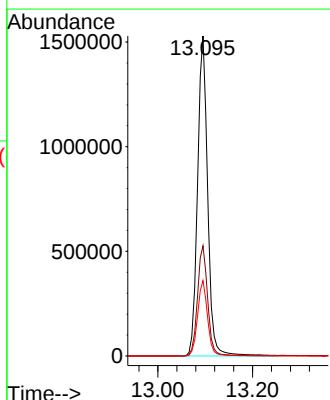
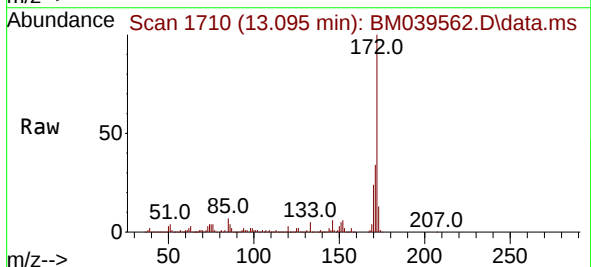
Tgt Ion:172 Resp: 2269312

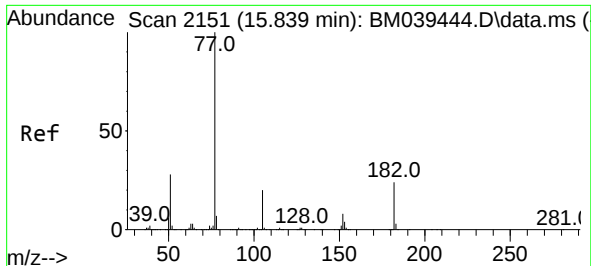
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

170 23.6 19.0 28.4

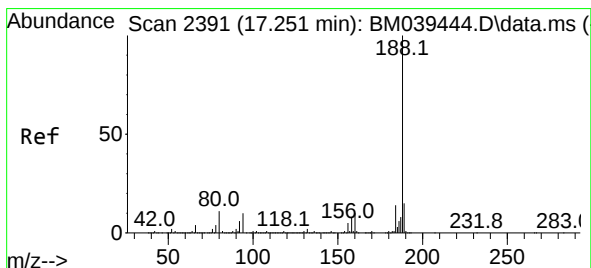
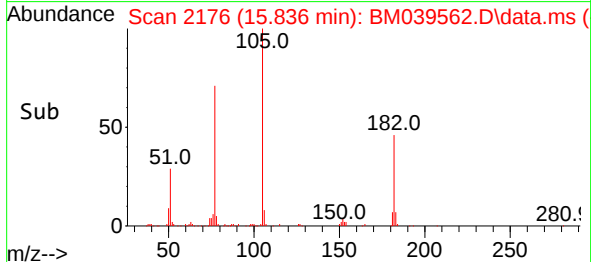
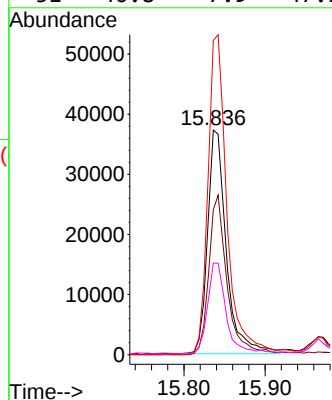
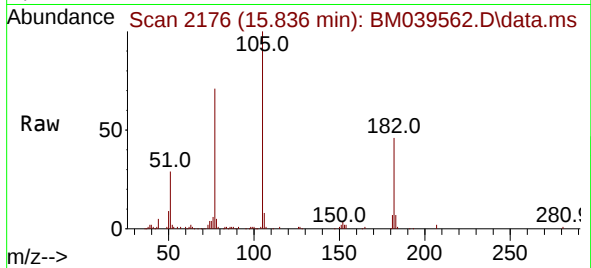




#63
Azobenzene
Concen: 2.201 ng
RT: 15.836 min Scan# 2151
Delta R.T. 0.018 min
Lab File: BM039562.D
Acq: 21 Apr 2023 21:40

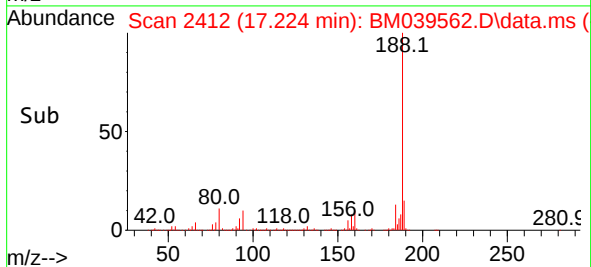
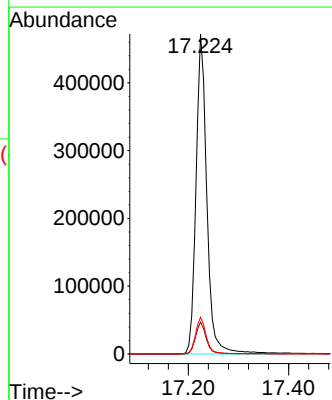
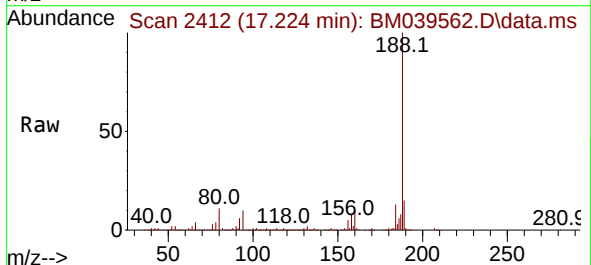
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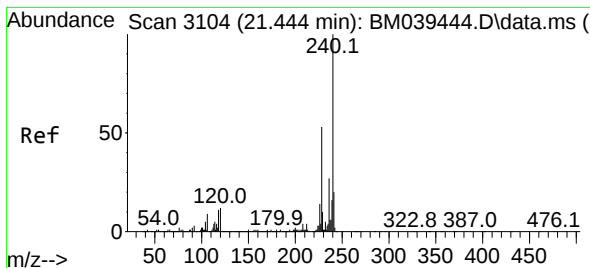
Tgt Ion: 77 Resp: 60053
Ion Ratio Lower Upper
77 100
182 64.5 3.7 43.7#
105 139.9 0.5 40.5#
51 40.8 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM039562.D
Acq: 21 Apr 2023 21:40

Tgt Ion: 188 Resp: 707309
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 11.5 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039562.D

Acq: 21 Apr 2023 21:40

Instrument :

BNA_M

ClientSampleId :

SB-14-COMP

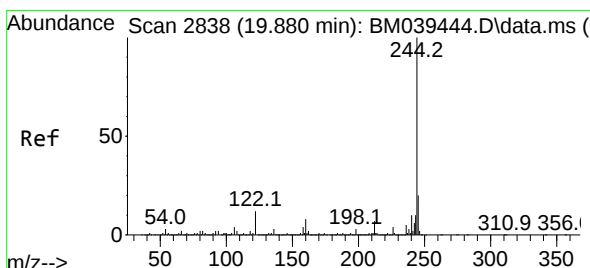
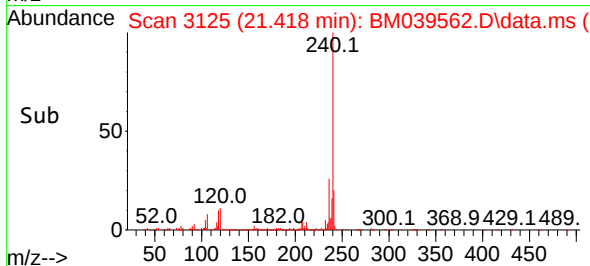
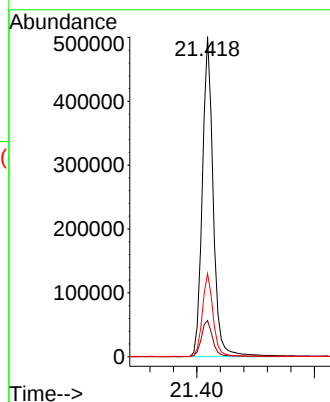
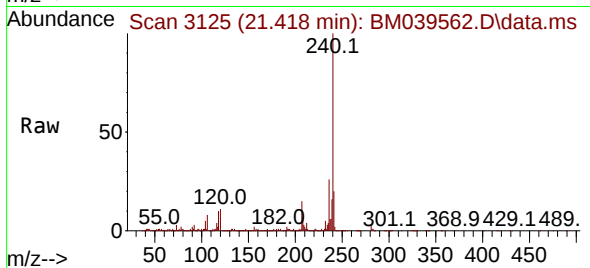
Tgt Ion:240 Resp: 645281

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.9 21.2 31.8



#79

Terphenyl-d14

Concen: 100.544 ng

RT: 19.859 min Scan# 2860

Delta R.T. -0.006 min

Lab File: BM039562.D

Acq: 21 Apr 2023 21:40

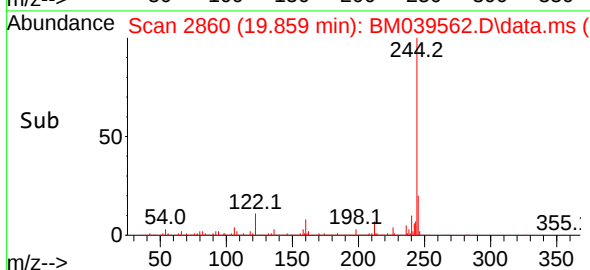
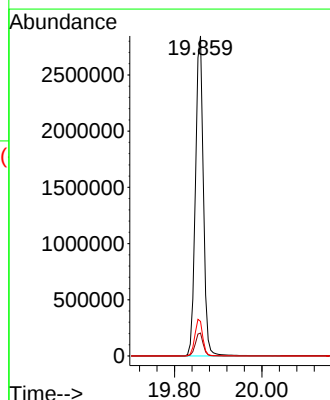
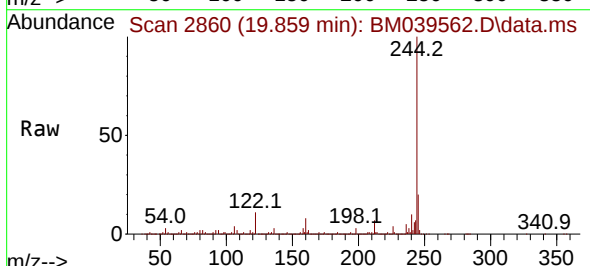
Tgt Ion:244 Resp: 3596318

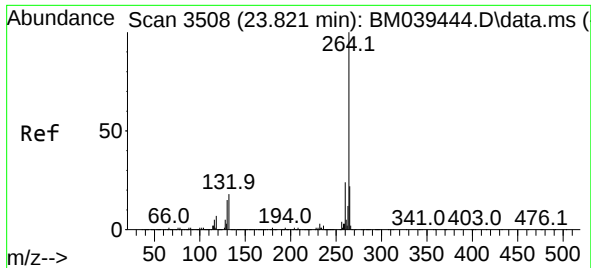
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.8 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.777 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039562.D
Acq: 21 Apr 2023 21:40

Instrument :
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Tgt Ion:264 Resp: 705459

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.3	18.0	27.0

