

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039561.D
 Acq On : 21 Apr 2023 21:04
 Operator : CG/JU
 Sample : 02406-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-12-COMP

Quant Time: Apr 22 01:47:41 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)

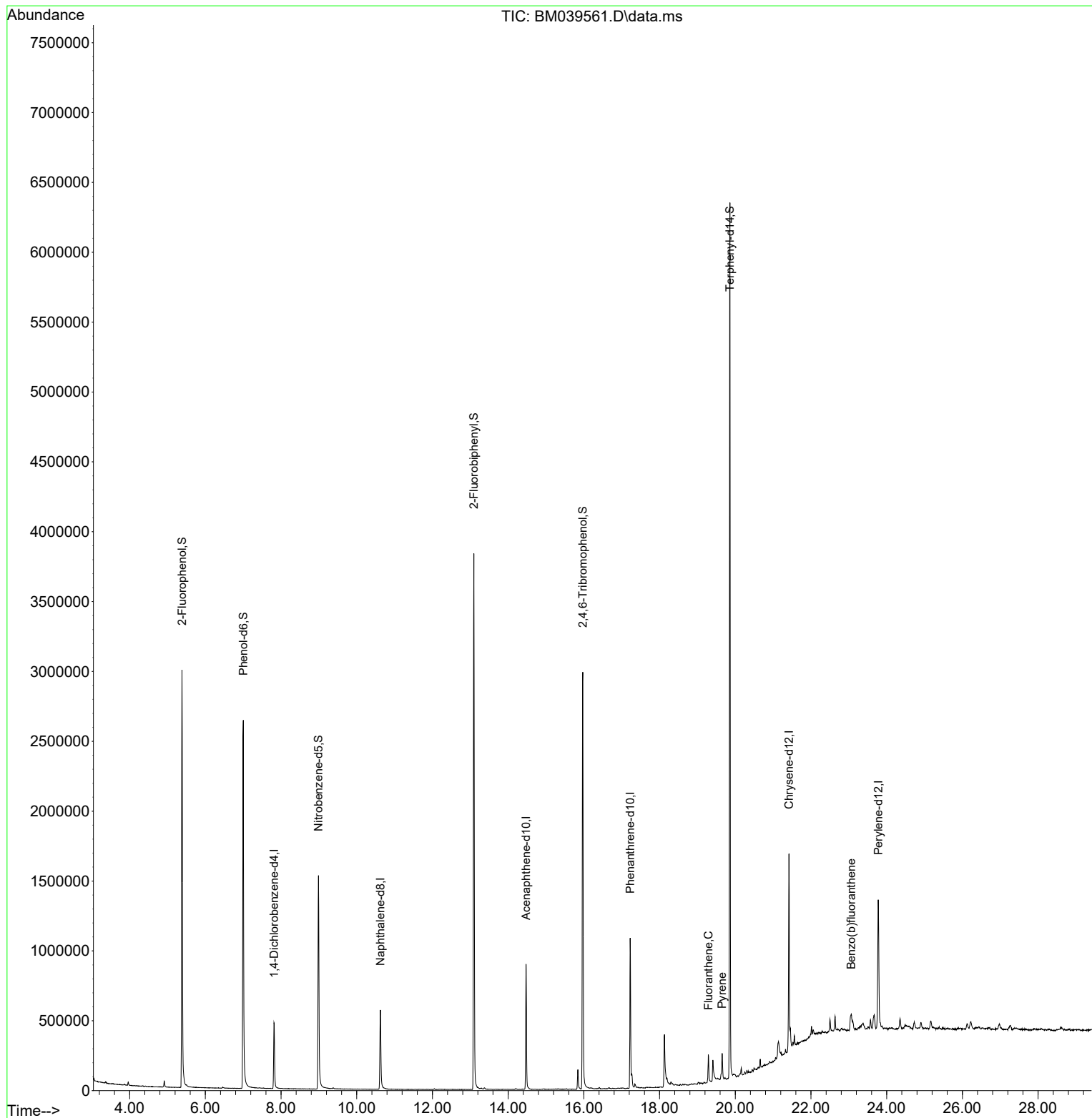
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	133632	20.000	ng	0.00
21) Naphthalene-d8	10.624	136	530444	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	310675	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	666384	20.000	ng	0.00
76) Chrysene-d12	21.418	240	626974	20.000	ng	0.00
86) Perylene-d12	23.777	264	677429	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1286954	157.347	ng	0.00
7) Phenol-d6	7.001	99	1620335	134.801	ng	0.00
23) Nitrobenzene-d5	8.989	82	976239	90.126	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	533492	132.332	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1985391	88.422	ng	0.00
79) Terphenyl-d14	19.859	244	2982662	85.822	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.289	202	116766	2.663	ng	100
78) Pyrene	19.653	202	112080	2.431	ng	97
88) Benzo(b)fluoranthene	23.065	252	101022	2.446	ng	# 95

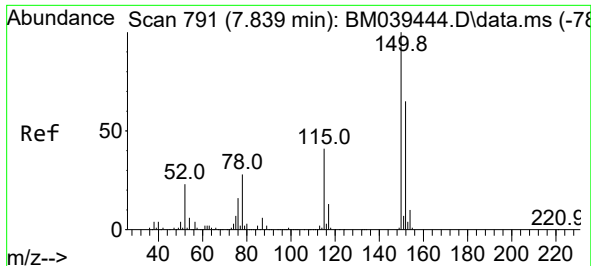
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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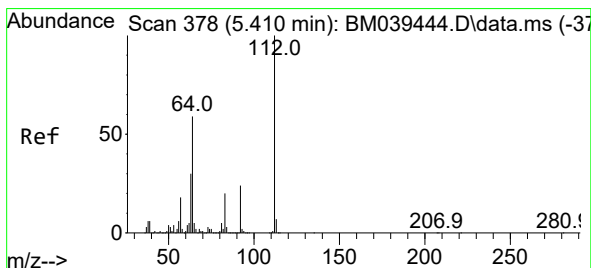
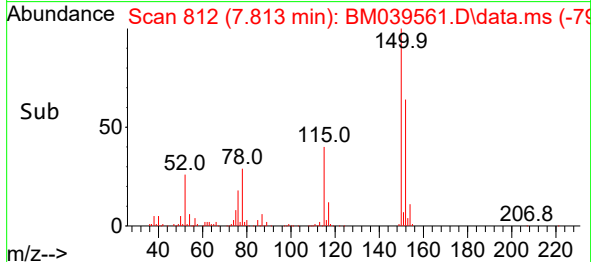
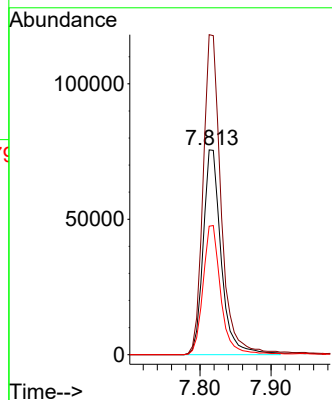
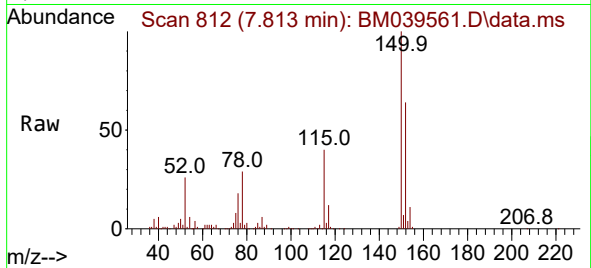




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

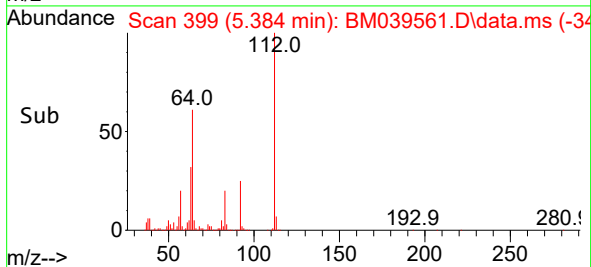
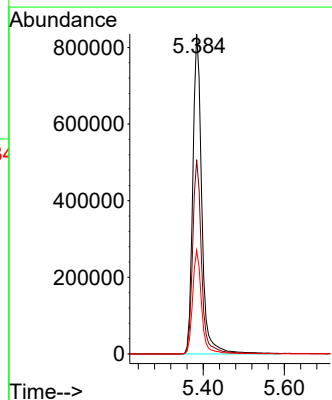
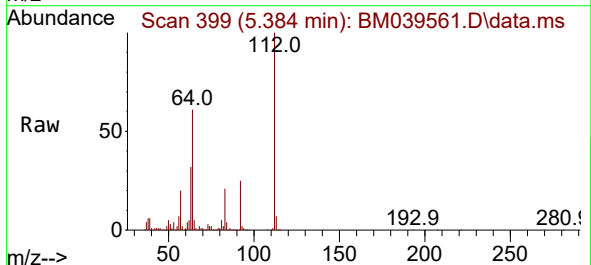
Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

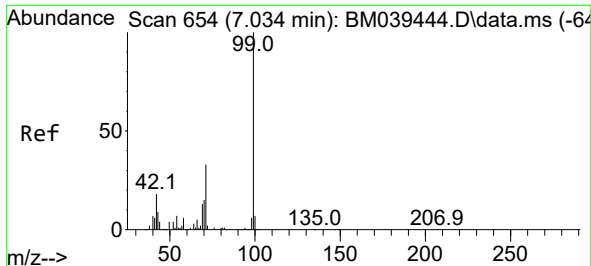
Tgt Ion:152 Resp: 133632
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.4
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 157.347 ng
RT: 5.384 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

Tgt Ion:112 Resp: 1286954
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.4
63 32.4 24.2 36.4

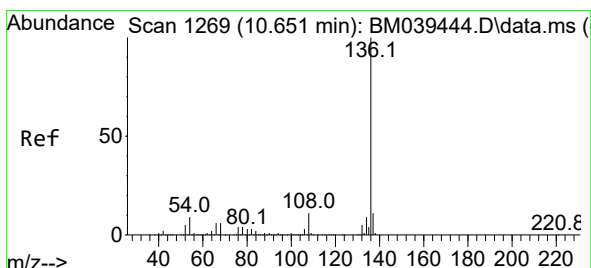
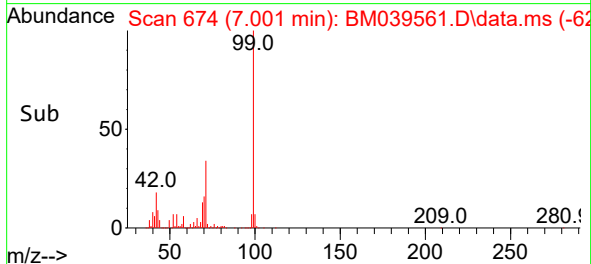
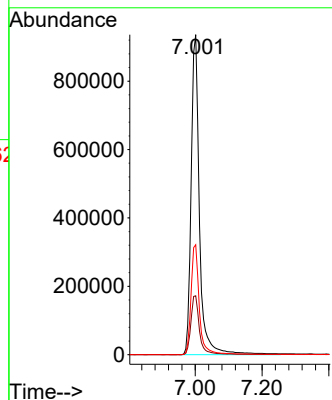
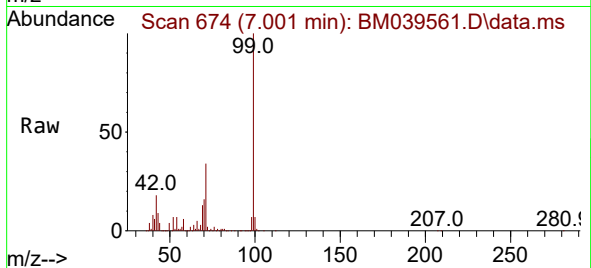




#7
Phenol-d6
Concen: 134.801 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

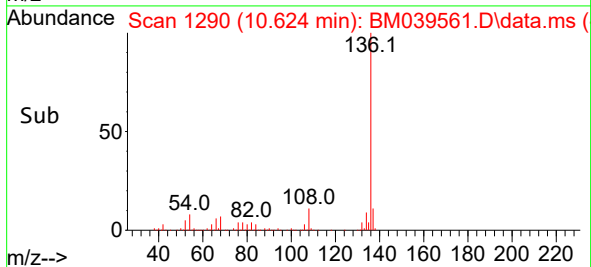
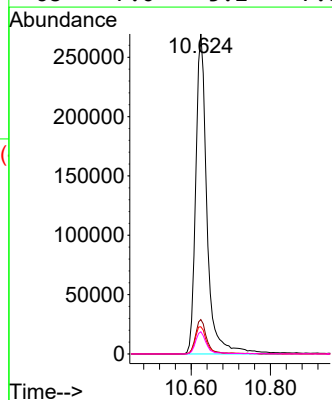
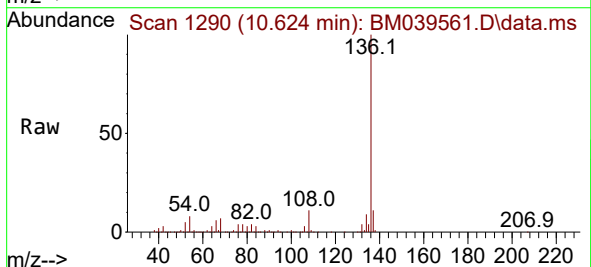
Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

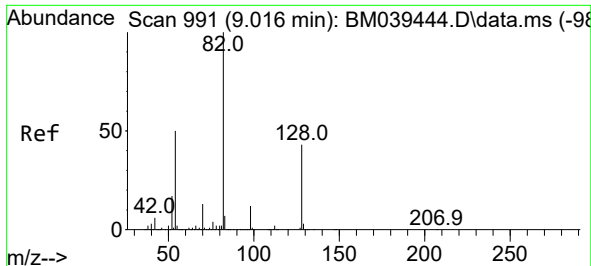
Tgt Ion: 99 Resp: 1620335
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 34.4 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.624 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

Tgt Ion: 136 Resp: 530444
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.9 10.3
68 7.0 5.2 7.8

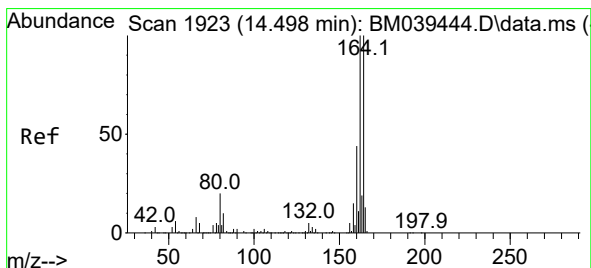
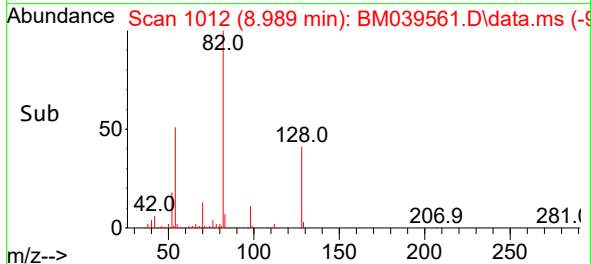
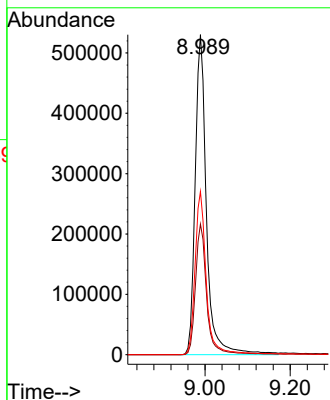
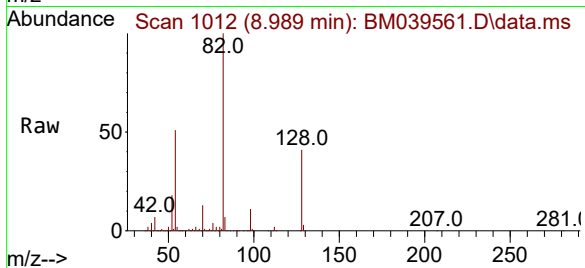




#23
Nitrobenzene-d5
Concen: 90.126 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

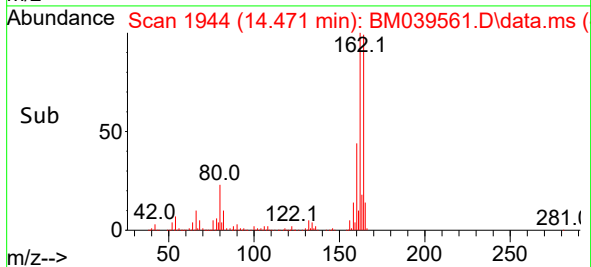
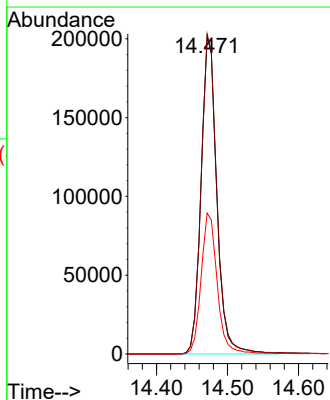
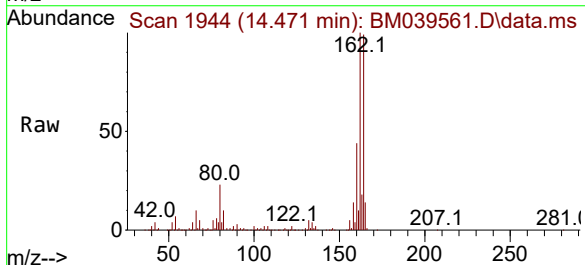
Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

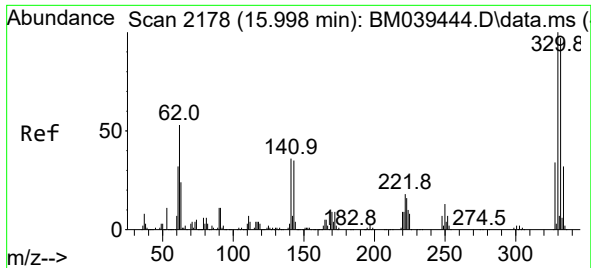
Tgt Ion: 82 Resp: 976239
Ion Ratio Lower Upper
82 100
128 40.8 34.2 51.2
54 51.0 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

Tgt Ion:164 Resp: 310675
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 44.5 35.0 52.4

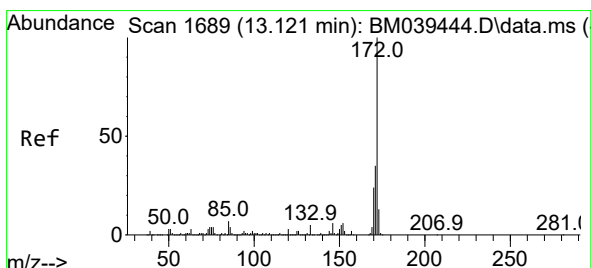
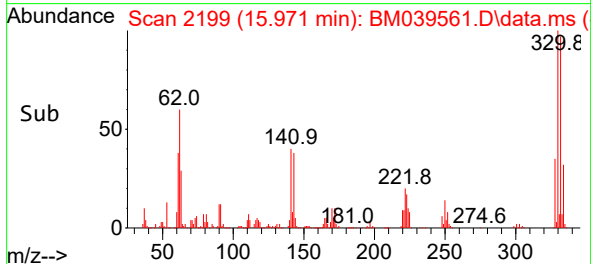
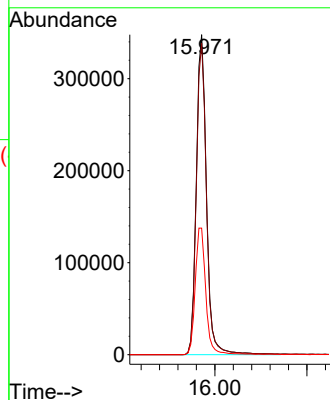
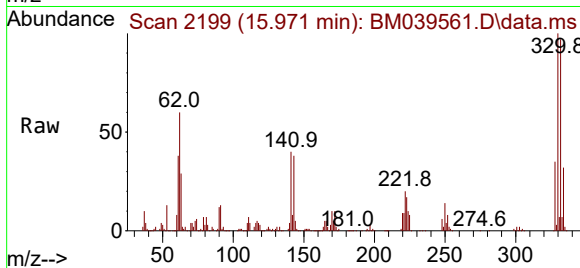




#42
2,4,6-Tribromophenol
Concen: 132.332 ng
RT: 15.971 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

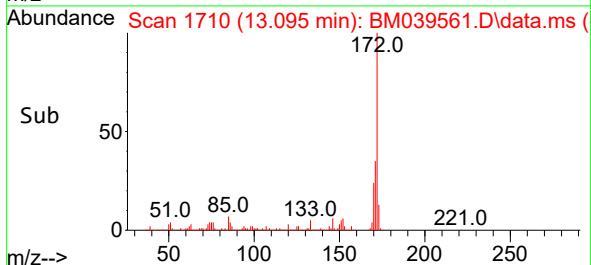
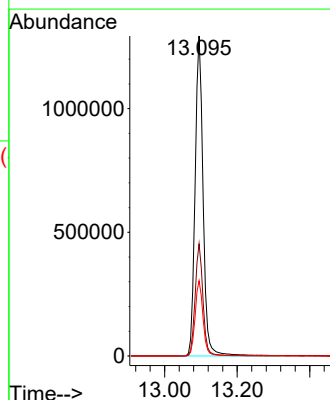
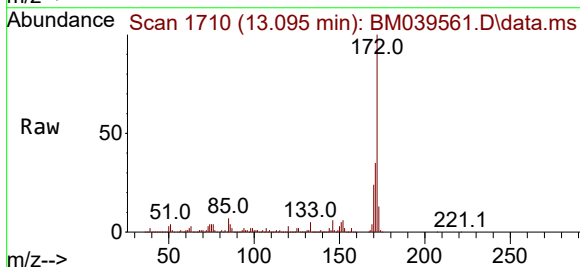
Instrument :
BNA_M
ClientSampleId :
SB-12-COMP

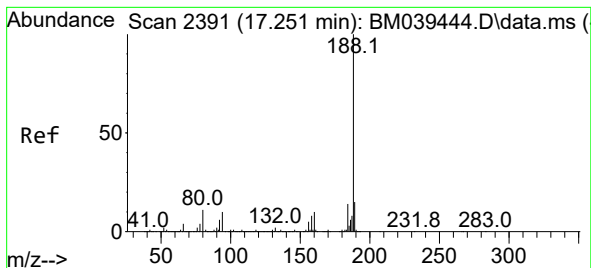
Tgt Ion:330 Resp: 533492
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 41.1 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 88.422 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039561.D
Acq: 21 Apr 2023 21:04

Tgt Ion:172 Resp: 1985391
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039561.D

Acq: 21 Apr 2023 21:04

Instrument :

BNA_M

ClientSampleId :

SB-12-COMP

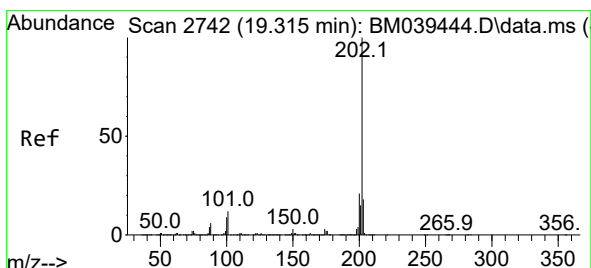
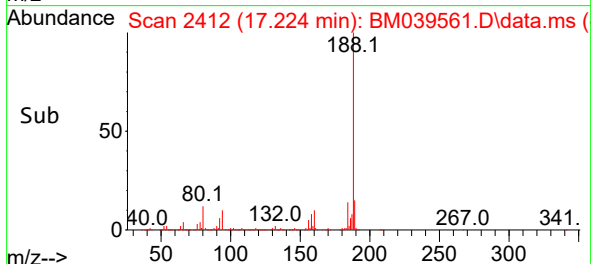
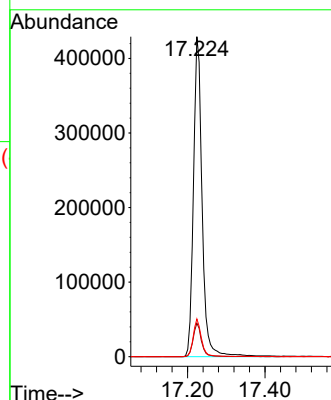
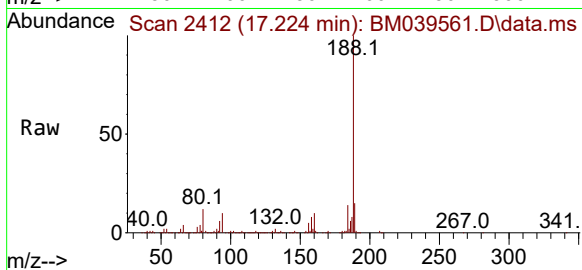
Tgt Ion:188 Resp: 666384

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.8 8.9 13.3



#75

Fluoranthene

Concen: 2.663 ng

RT: 19.289 min Scan# 2763

Delta R.T. -0.006 min

Lab File: BM039561.D

Acq: 21 Apr 2023 21:04

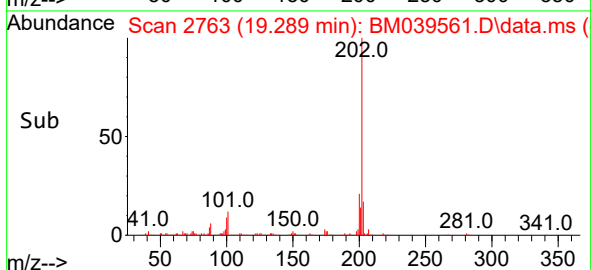
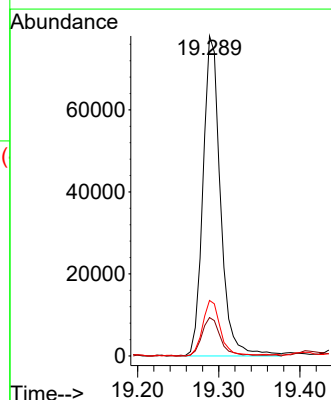
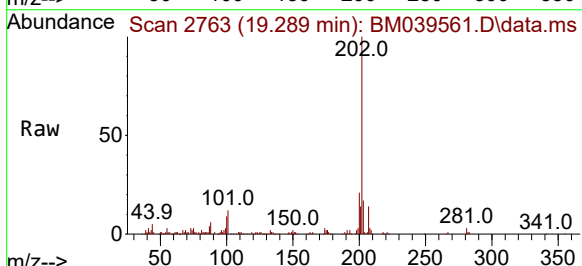
Tgt Ion:202 Resp: 116766

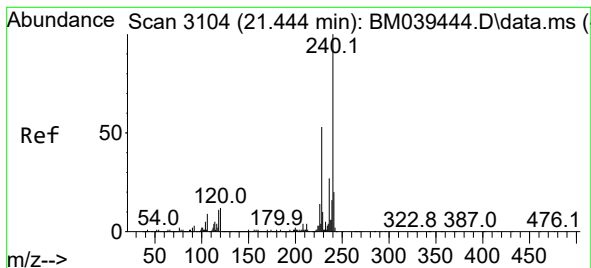
Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.1

203 17.4 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM039561.D

Acq: 21 Apr 2023 21:04

Instrument :

BNA_M

ClientSampleId :

SB-12-COMP

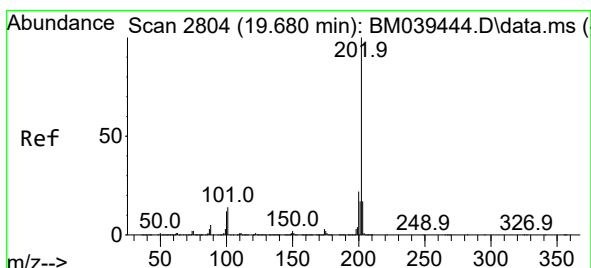
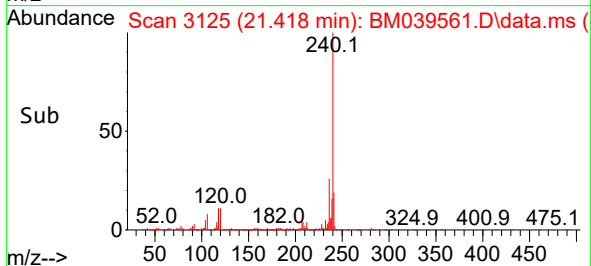
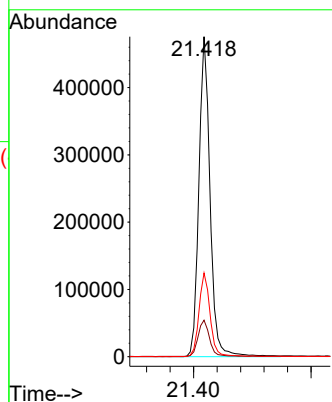
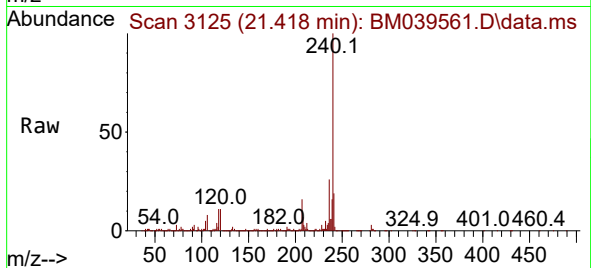
Tgt Ion:240 Resp: 626974

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 26.2 21.2 31.8



#78

Pyrene

Concen: 2.431 ng

RT: 19.653 min Scan# 2825

Delta R.T. -0.006 min

Lab File: BM039561.D

Acq: 21 Apr 2023 21:04

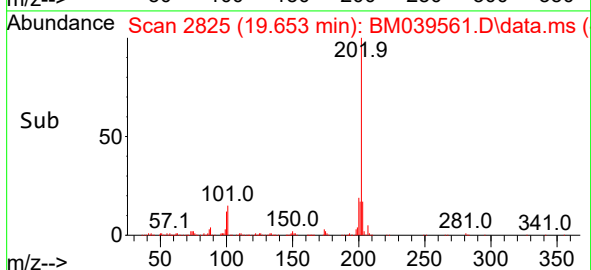
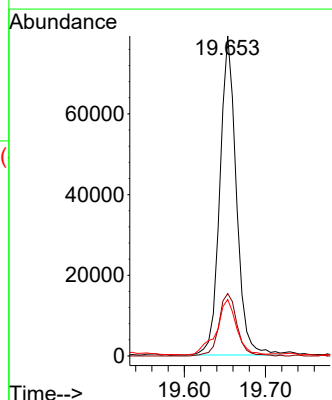
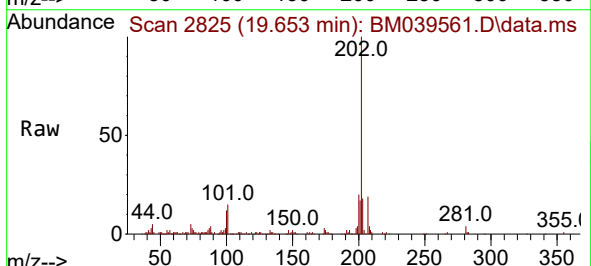
Tgt Ion:202 Resp: 112080

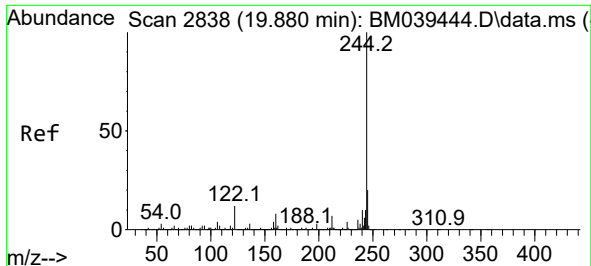
Ion Ratio Lower Upper

202 100

200 19.5 17.2 25.8

203 17.6 13.9 20.9

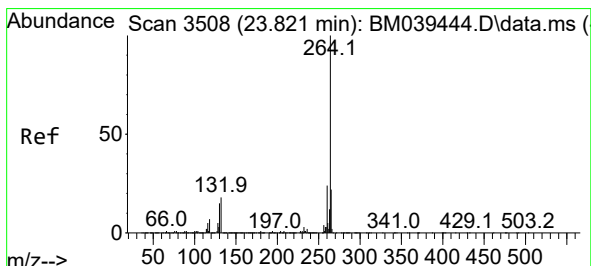
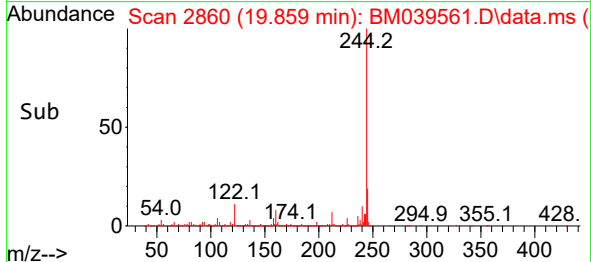
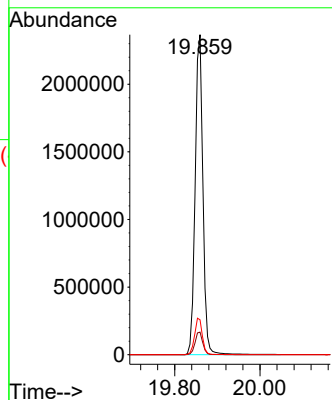
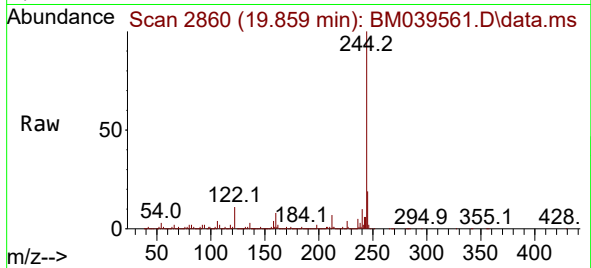




#79
 Terphenyl-d14
 Concen: 85.822 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039561.D
 Acq: 21 Apr 2023 21:04

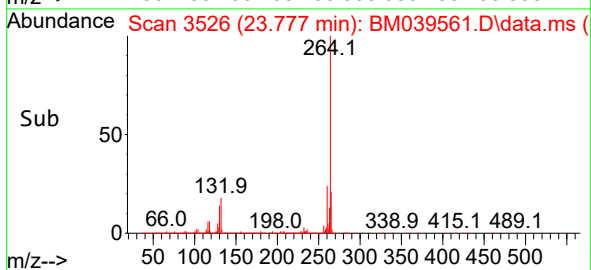
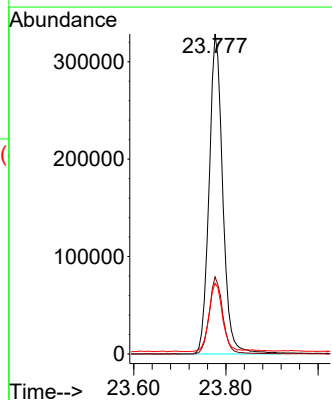
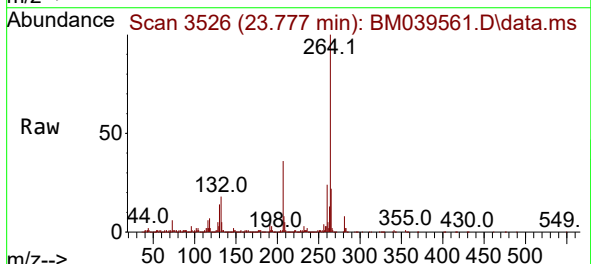
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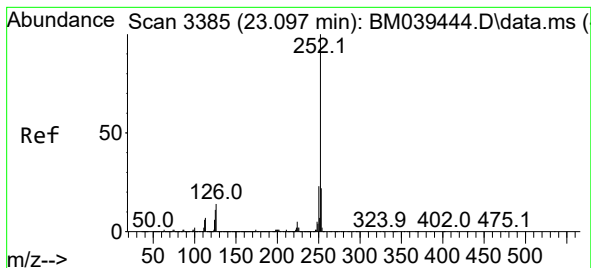
Tgt Ion:244 Resp: 2982662
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.9 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 3526
 Delta R.T. -0.012 min
 Lab File: BM039561.D
 Acq: 21 Apr 2023 21:04

Tgt Ion:264 Resp: 677429
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.1 18.0 27.0





#88

Benzo(b)fluoranthene

Concen: 2.446 ng

RT: 23.065 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM039561.D

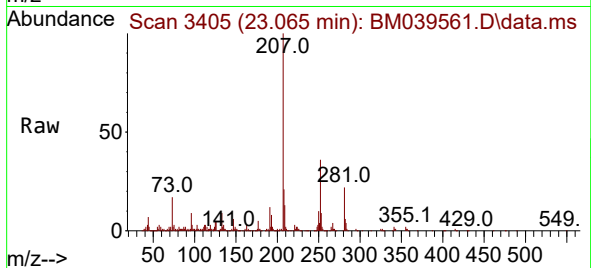
Acq: 21 Apr 2023 21:04

Instrument :

BNA_M

ClientSampleId :

SB-12-COMP



Tgt Ion:252 Resp: 101022

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

125 13.9 8.9 13.3#

