

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040147.D
 Acq On : 07 Jun 2023 18:34
 Operator : MA/JU
 Sample : 03050-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-23-0A

Quant Time: Jun 08 02:02:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	230802	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	976410	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	545956	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1171988	20.000	ng	0.00
76) Chrysene-d12	21.544	240	983363	20.000	ng	-0.01
86) Perylene-d12	23.985	264	925827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2335083	155.192	ng	0.00
7) Phenol-d6	7.151	99	2887021	147.090	ng	0.00
23) Nitrobenzene-d5	9.157	82	1720398	95.076	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1320194	186.308	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4068451	87.895	ng	0.00
79) Terphenyl-d14	19.992	244	8493033	134.102	ng	0.00

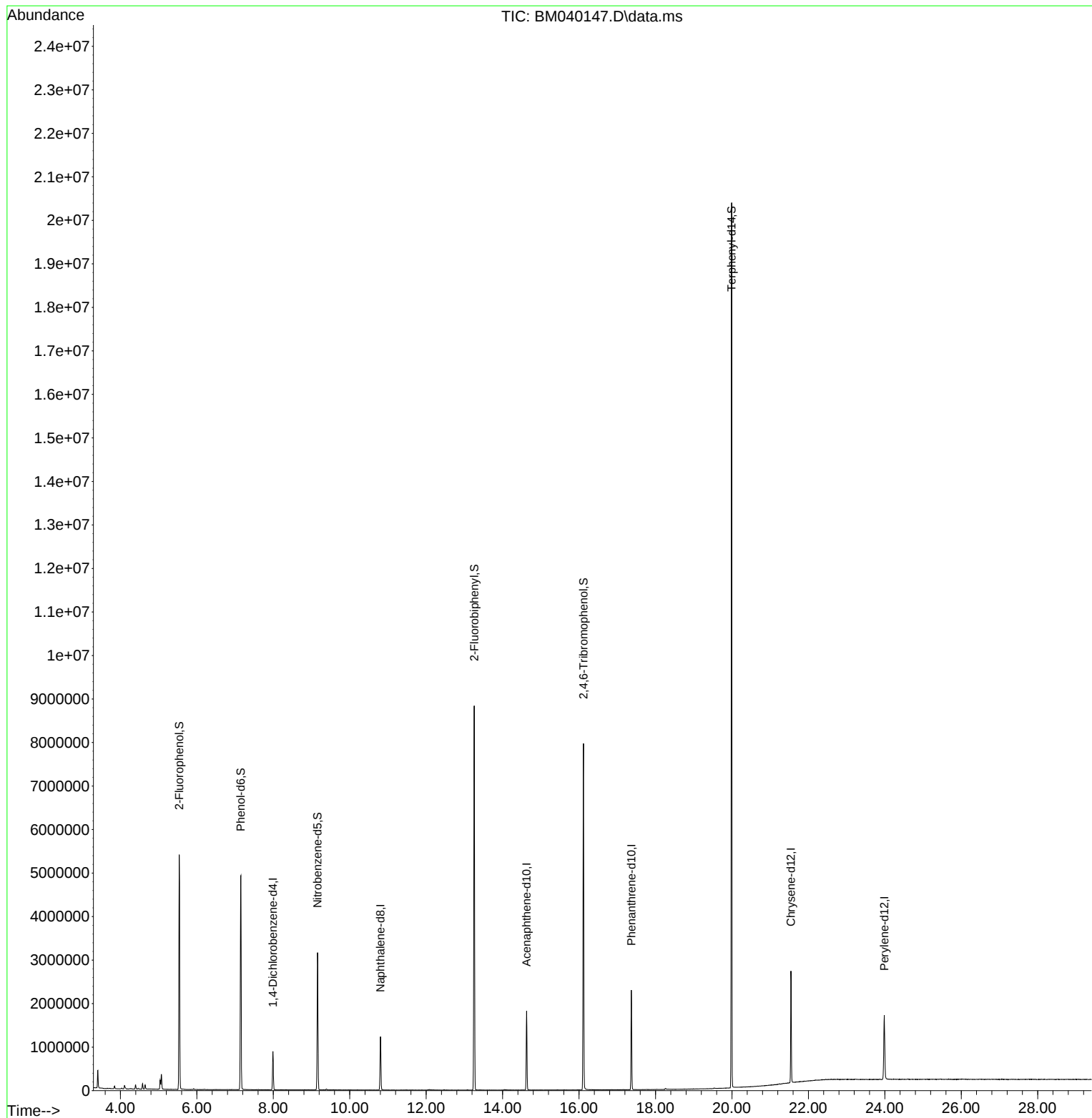
Target Compounds	Qvalue

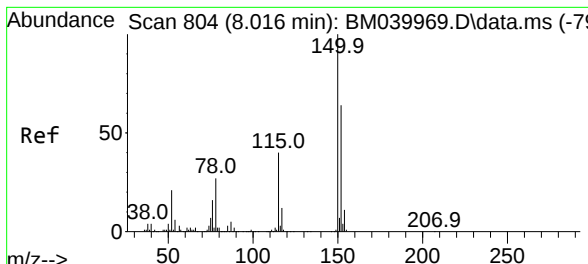
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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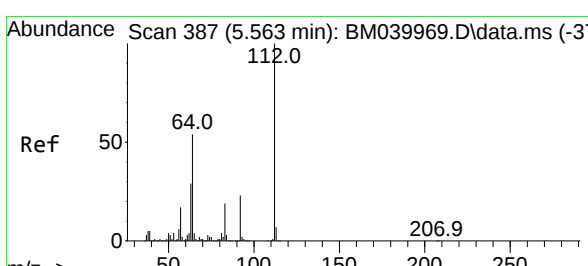
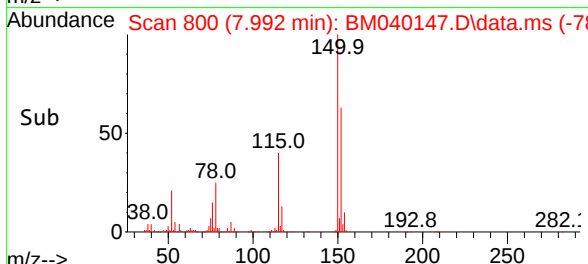
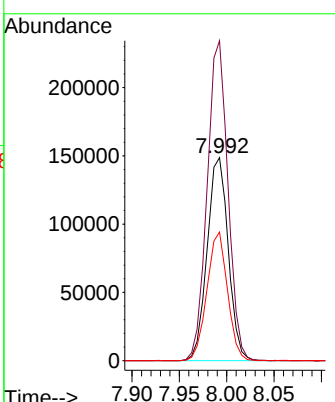
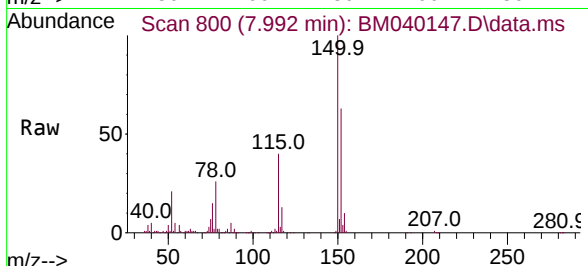


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: BM040147.D
 Acq: 07 Jun 2023 18:34

Instrument :
 BNA_M
 ClientSampleId :
 TP-23-0A

Tgt Ion:152 Resp: 230802

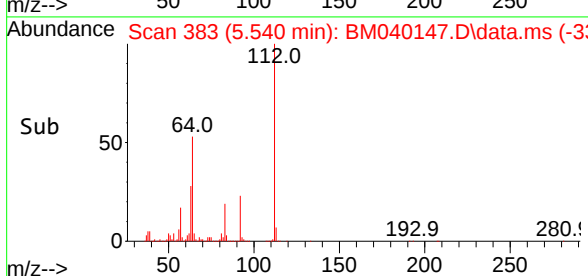
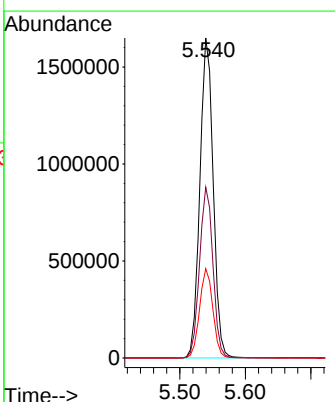
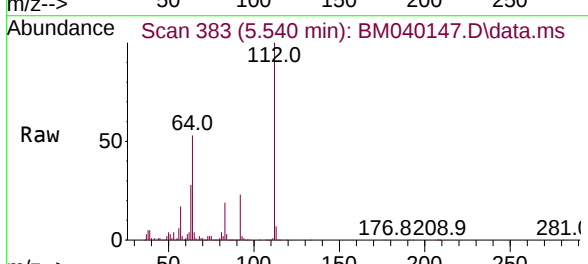
Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.5	188.3
115	63.4	50.2	75.2

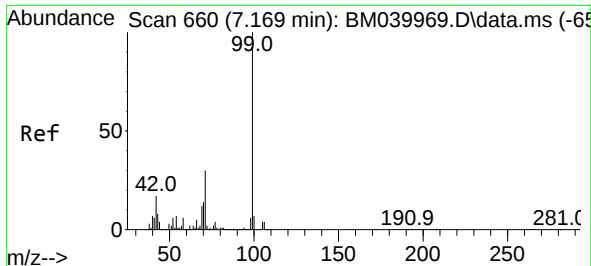


#5
 2-Fluorophenol
 Concen: 155.192 ng
 RT: 5.540 min Scan# 383
 Delta R.T. -0.000 min
 Lab File: BM040147.D
 Acq: 07 Jun 2023 18:34

Tgt Ion:112 Resp: 2335083

Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.0	64.4
63	27.9	22.9	34.3

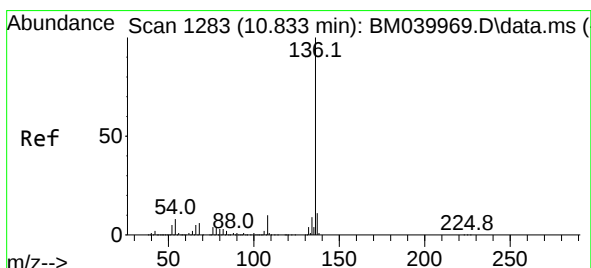
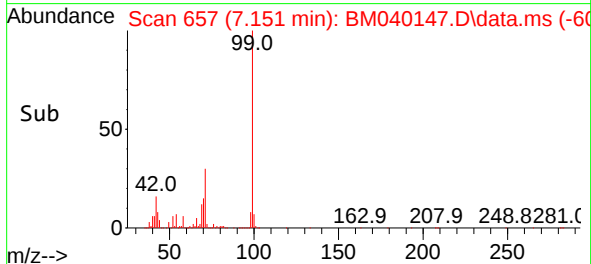
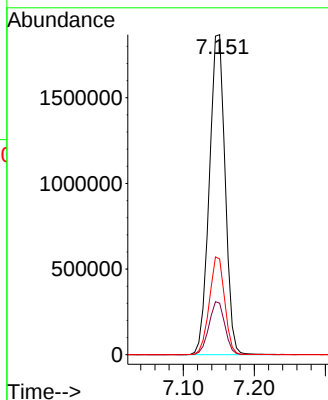
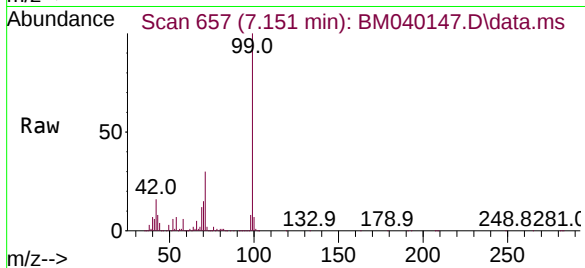




#7
Phenol-d6
Concen: 147.090 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040147.D
Acq: 07 Jun 2023 18:34

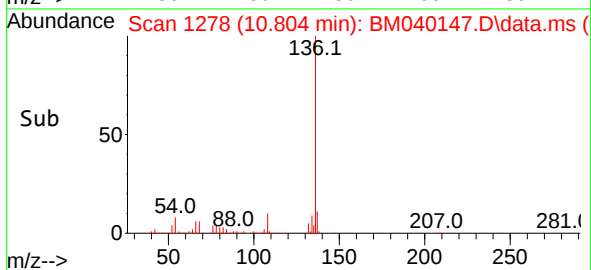
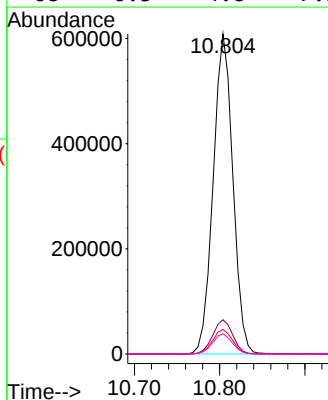
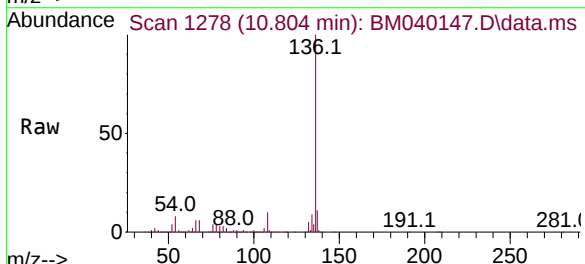
Instrument :
BNA_M
ClientSampleId :
TP-23-0A

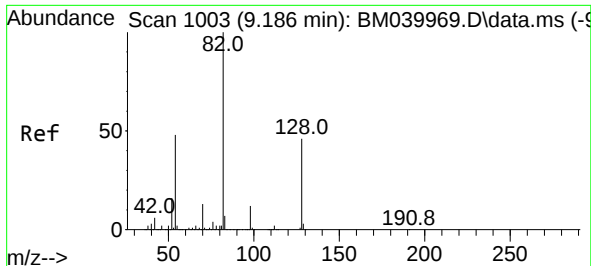
Tgt Ion: 99 Resp: 2887021
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 30.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040147.D
Acq: 07 Jun 2023 18:34

Tgt Ion: 136 Resp: 976410
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.6 6.1 9.1
68 6.3 4.8 7.2

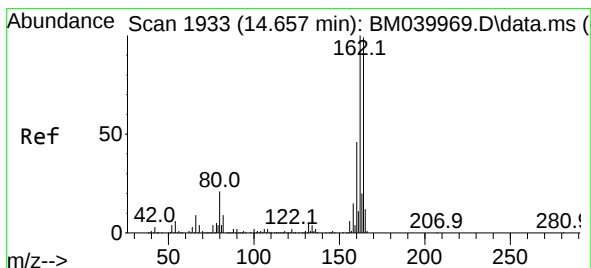
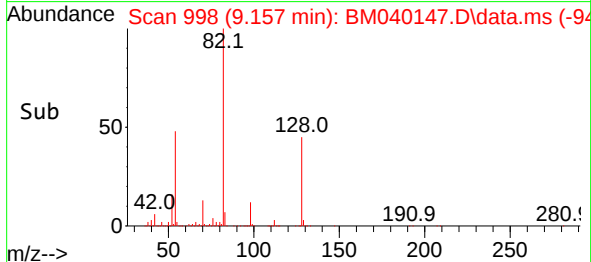
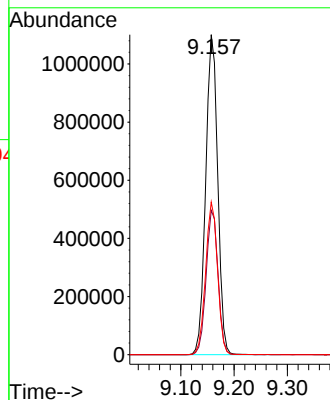
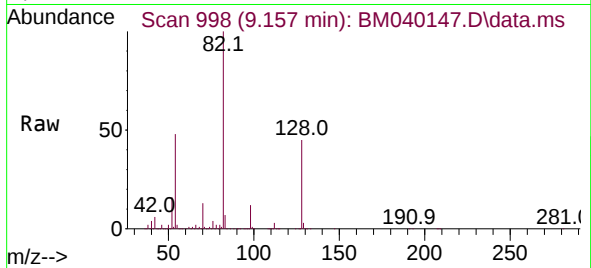




#23
Nitrobenzene-d5
Concen: 95.076 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040147.D
Acq: 07 Jun 2023 18:34

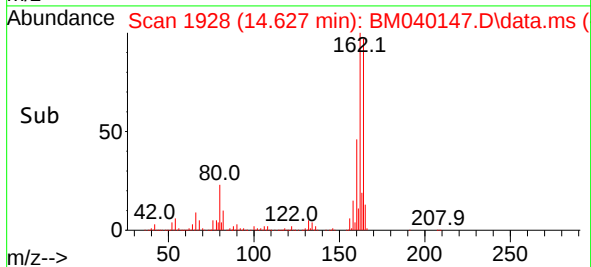
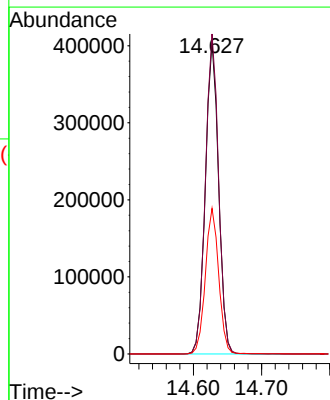
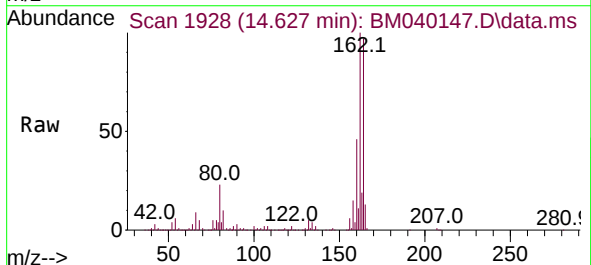
Instrument :
BNA_M
ClientSampleId :
TP-23-0A

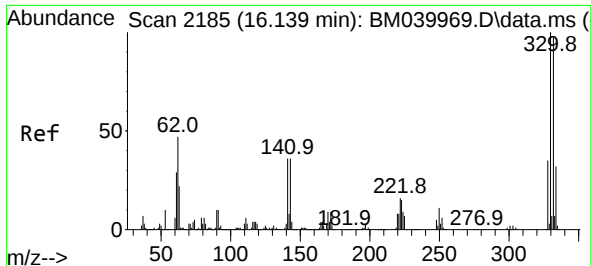
Tgt Ion: 82 Resp: 1720398
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 47.7 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040147.D
Acq: 07 Jun 2023 18:34

Tgt Ion: 164 Resp: 545956
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 46.7 36.7 55.1

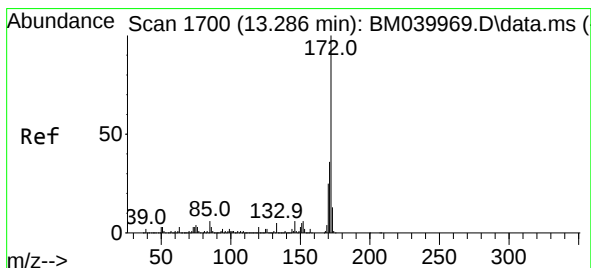
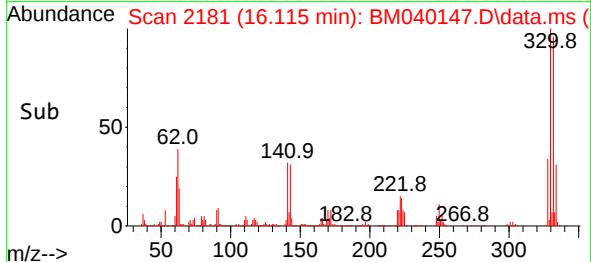
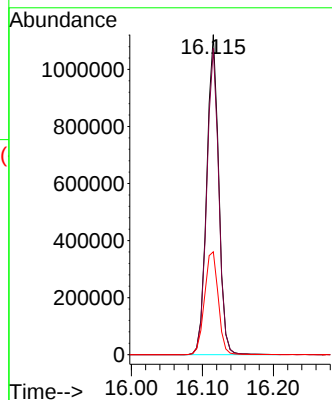
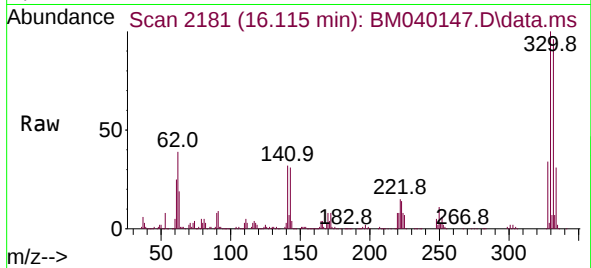




#42
2,4,6-Tribromophenol
Concen: 186.308 ng
RT: 16.115 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM040147.D
Acq: 07 Jun 2023 18:34

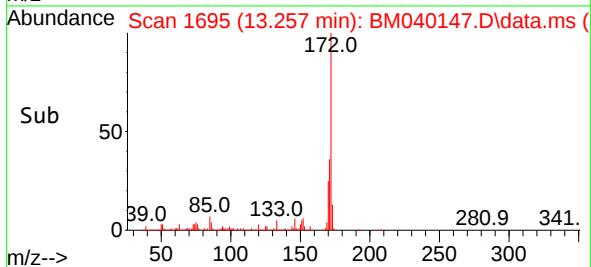
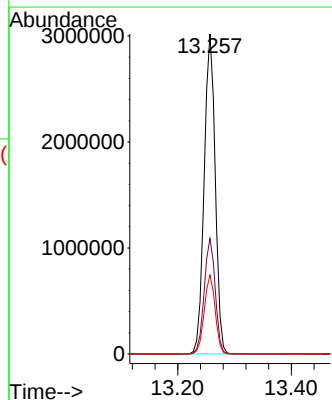
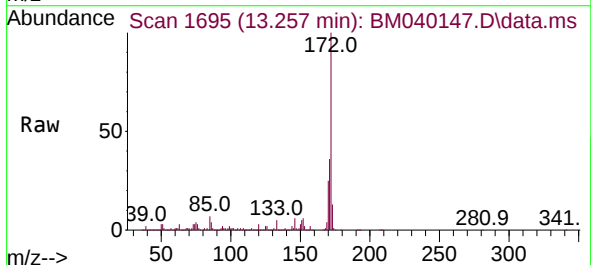
Instrument :
BNA_M
ClientSampleId :
TP-23-0A

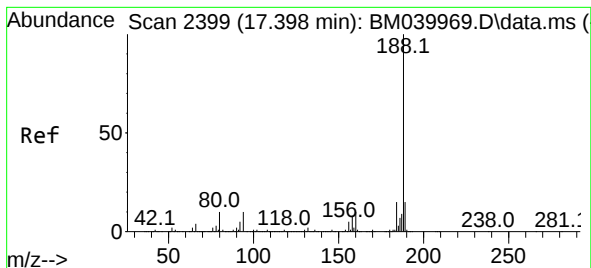
Tgt Ion:330 Resp: 1320194
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 36.8 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 87.895 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM040147.D
Acq: 07 Jun 2023 18:34

Tgt Ion:172 Resp: 4068451
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.7 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040147.D

Acq: 07 Jun 2023 18:34

Instrument :

BNA_M

ClientSampleId :

TP-23-0A

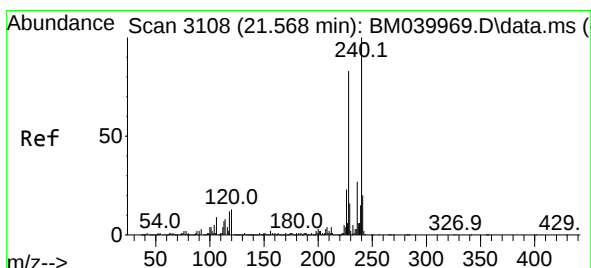
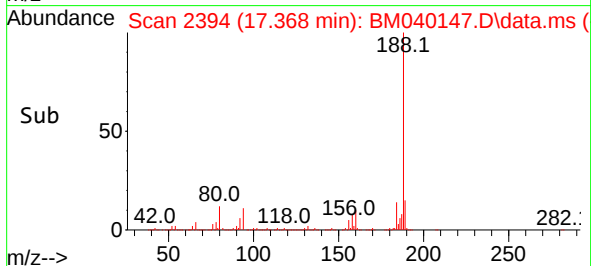
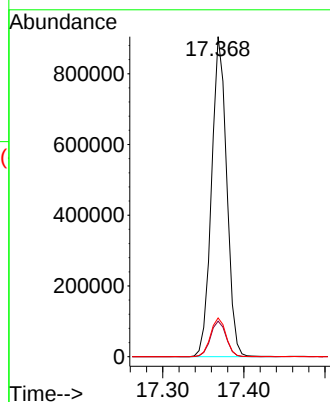
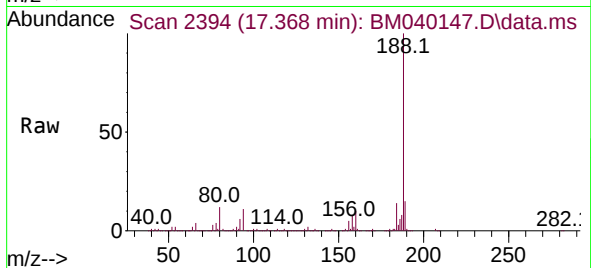
Tgt Ion:188 Resp: 1171988

Ion Ratio Lower Upper

188 100

94 11.1 7.8 11.8

80 12.1 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.544 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BM040147.D

Acq: 07 Jun 2023 18:34

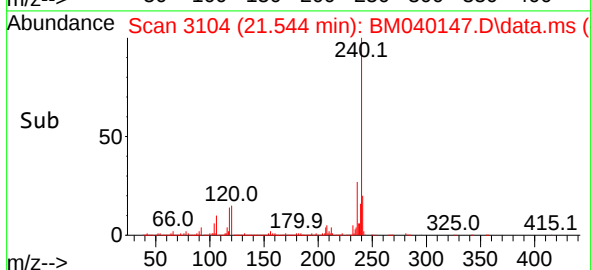
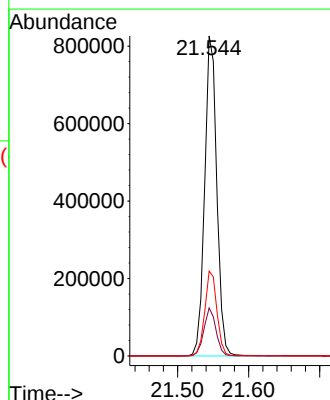
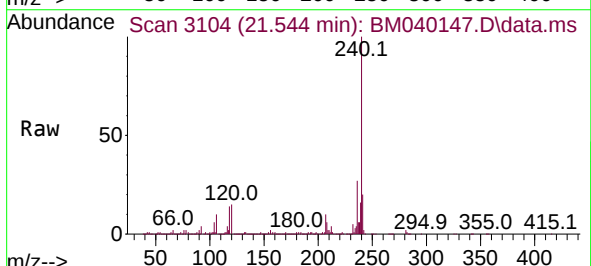
Tgt Ion:240 Resp: 983363

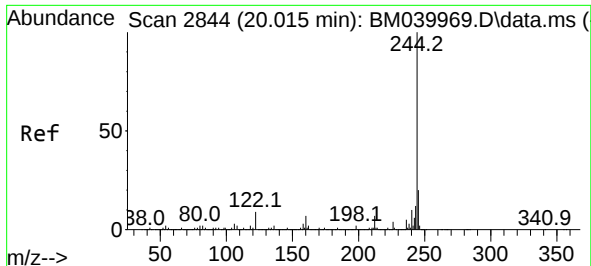
Ion Ratio Lower Upper

240 100

120 15.0 10.1 15.1

236 26.6 21.3 31.9

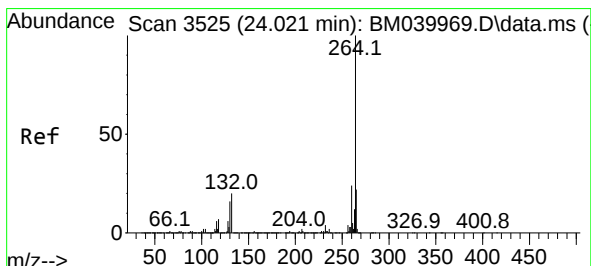
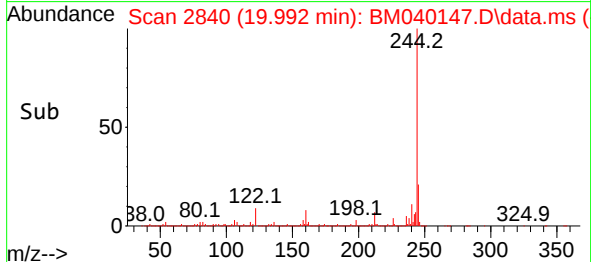
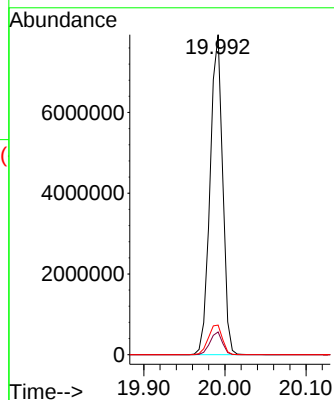
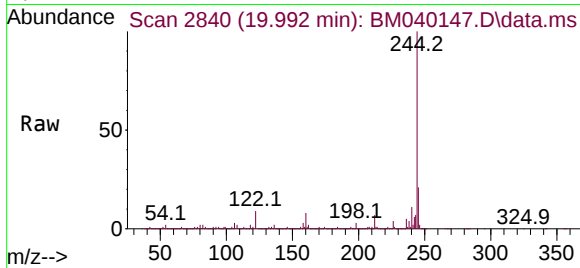




#79
 Terphenyl-d14
 Concen: 134.102 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040147.D
 Acq: 07 Jun 2023 18:34

Instrument :
 BNA_M
 ClientSampleId :
 TP-23-0A

Tgt Ion:244 Resp: 8493033
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.985 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BM040147.D
 Acq: 07 Jun 2023 18:34

Tgt Ion:264 Resp: 925827
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.4 17.7 26.5

