

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040140.D
 Acq On : 07 Jun 2023 14:19
 Operator : MA/JU
 Sample : PB153266BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153266BL

Quant Time: Jun 07 15:33:47 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	7.993	152	194302	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	819822	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	456846	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	981838	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	830153	20.000	ng	-0.01
86) Perylene-d12	23.986	264	864436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2207448	174.269	ng	0.00
7) Phenol-d6	7.151	99	2830158	171.279	ng	0.00
23) Nitrobenzene-d5	9.157	82	1455111	95.774	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1020204	172.055	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	3559123	91.890	ng	0.00
79) Terphenyl-d14	19.992	244	6937597	129.759	ng	0.00

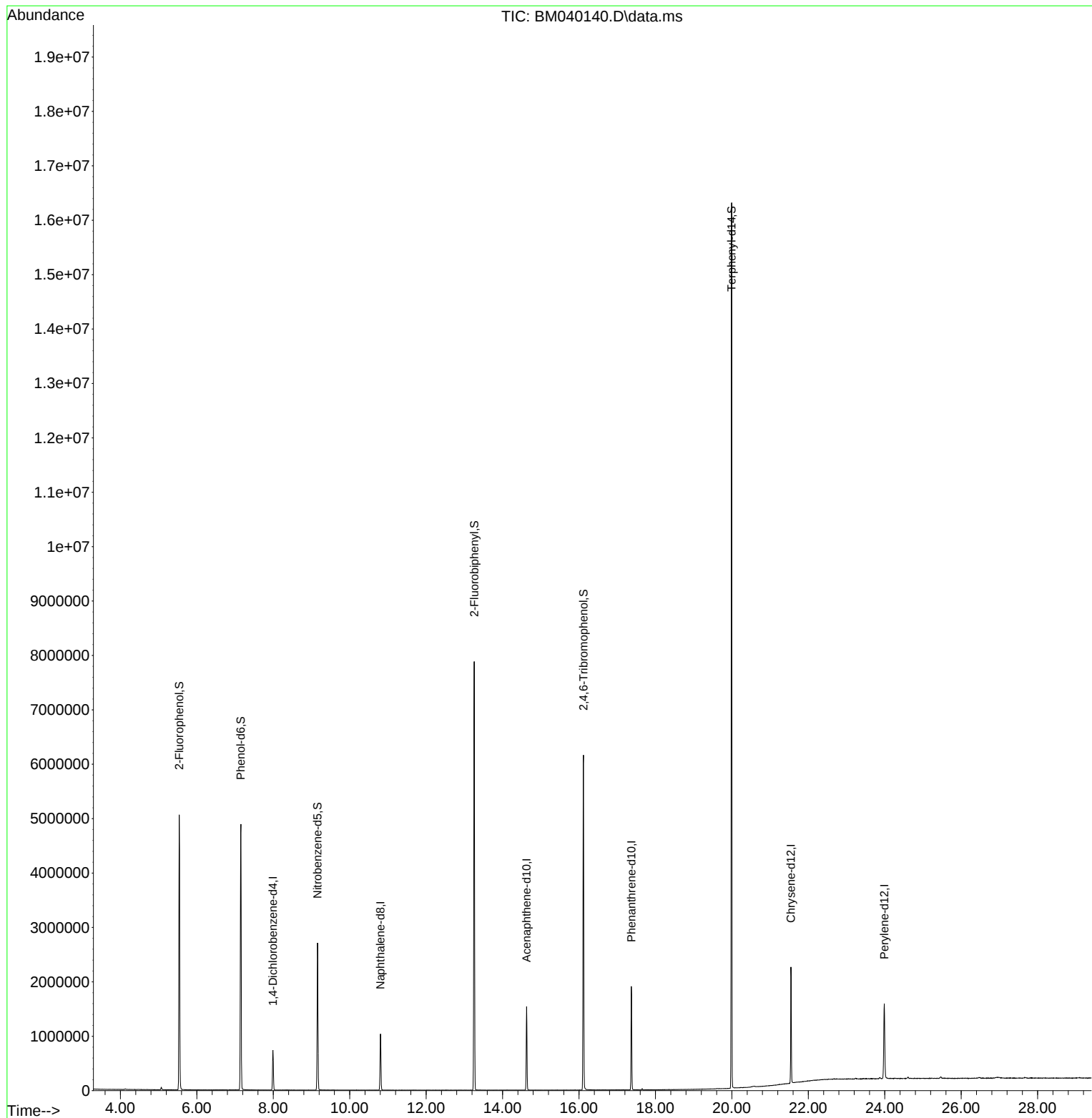
Target Compounds	Qvalue

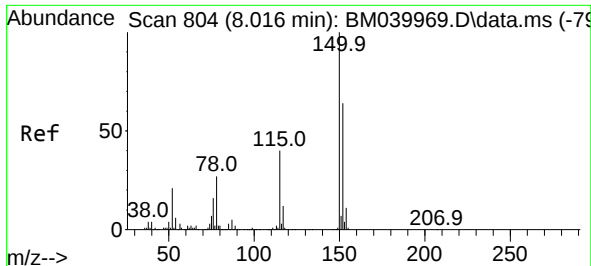
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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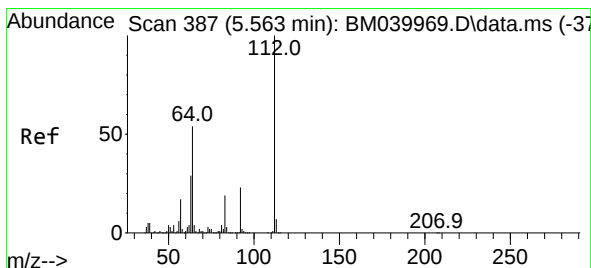
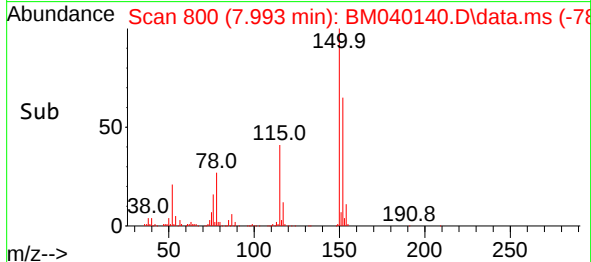
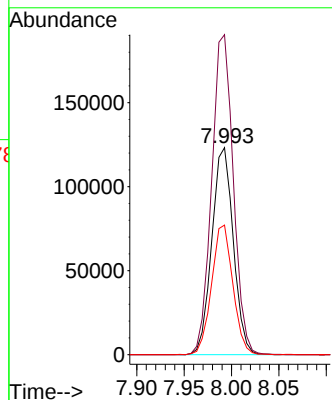
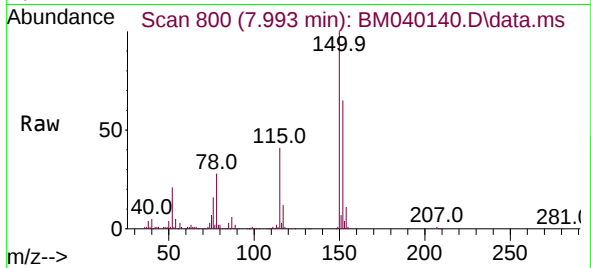




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

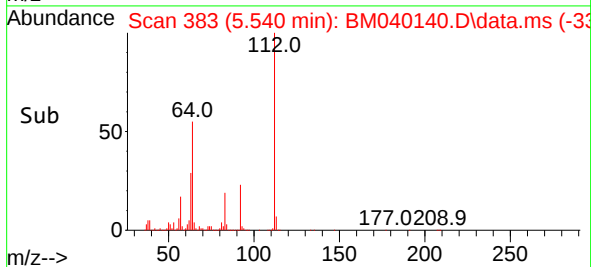
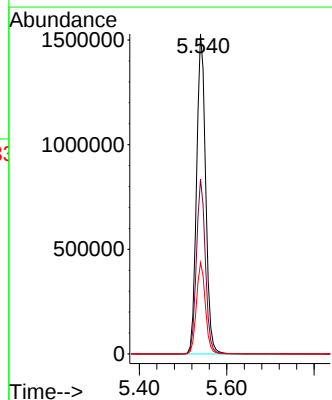
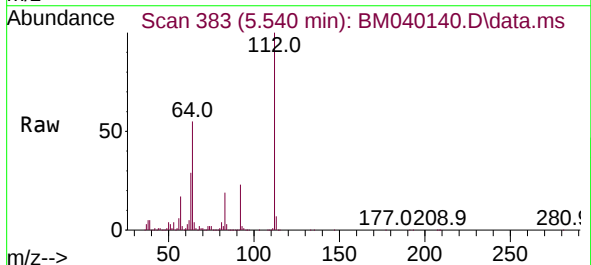
Instrument :
BNA_M
ClientSampleId :
PB153266BL

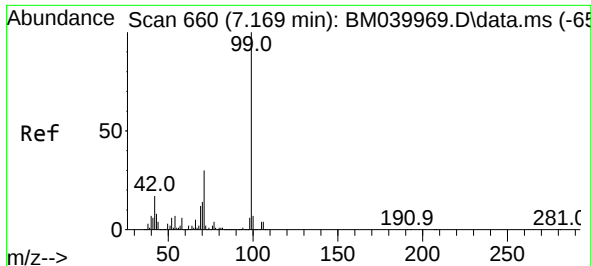
Tgt Ion:152 Resp: 194302
Ion Ratio Lower Upper
152 100
150 154.6 125.5 188.3
115 62.6 50.2 75.2



#5
2-Fluorophenol
Concen: 174.269 ng
RT: 5.540 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

Tgt Ion:112 Resp: 2207448
Ion Ratio Lower Upper
112 100
64 54.6 43.0 64.4
63 28.5 22.9 34.3

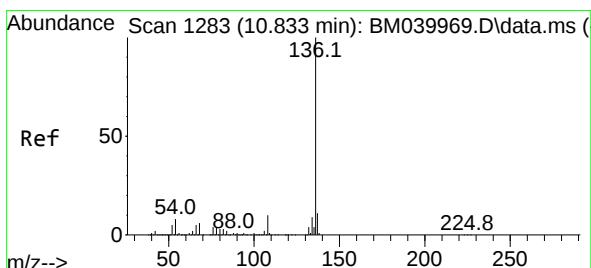
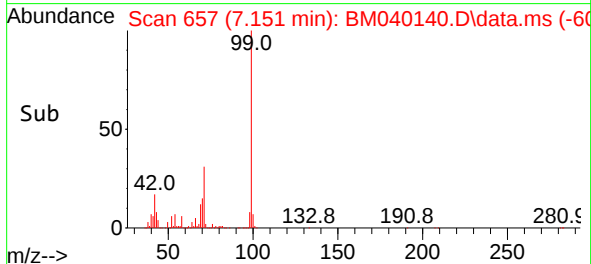
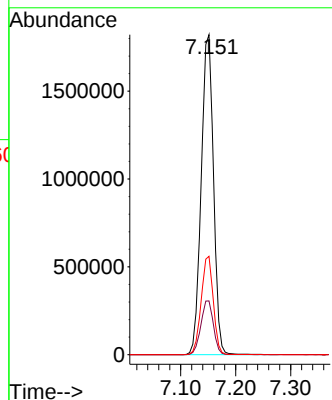
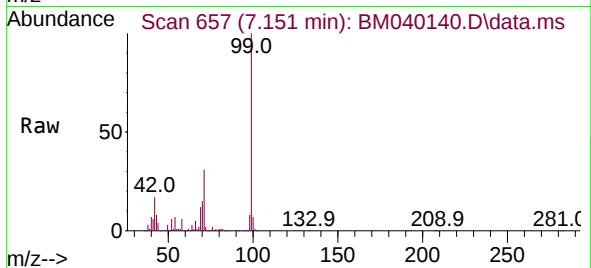




#7
Phenol-d6
Concen: 171.279 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

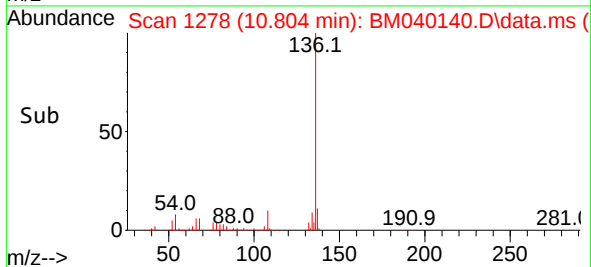
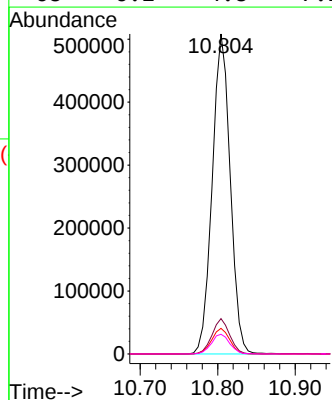
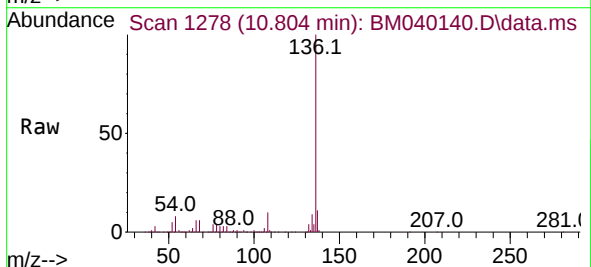
Instrument :
BNA_M
ClientSampleId :
PB153266BL

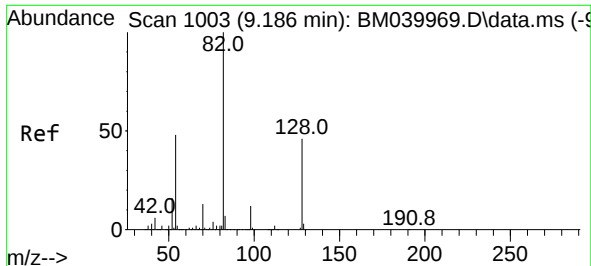
Tgt Ion: 99 Resp: 2830158
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.6
71 30.8 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

Tgt Ion:136 Resp: 819822
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.0 6.1 9.1
68 6.2 4.8 7.2

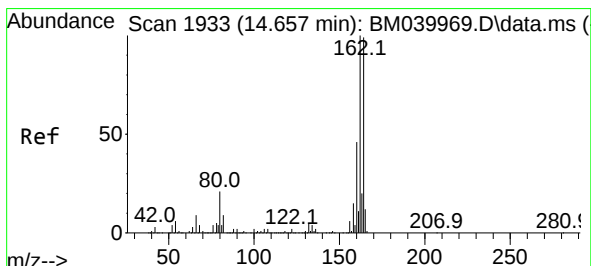
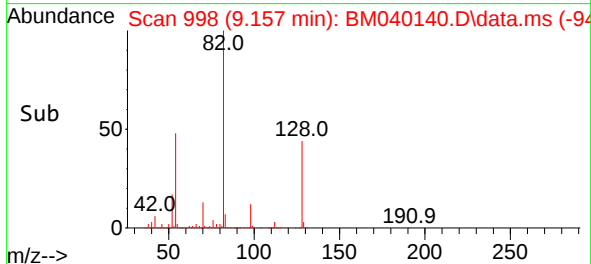
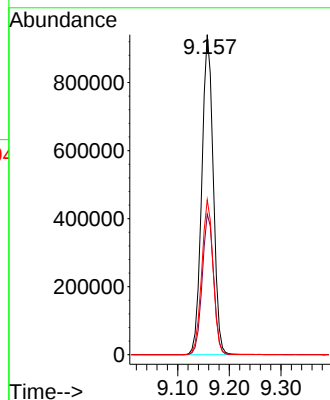
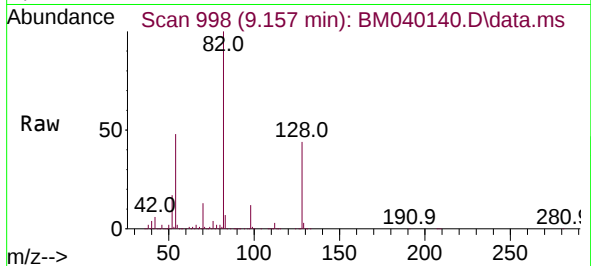




#23
Nitrobenzene-d5
Concen: 95.774 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

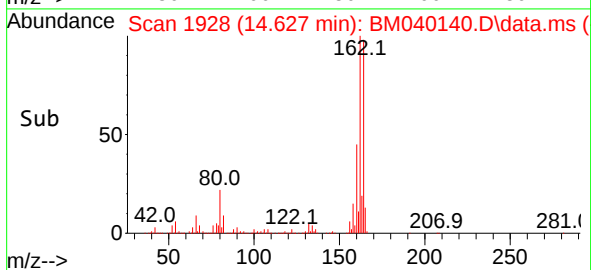
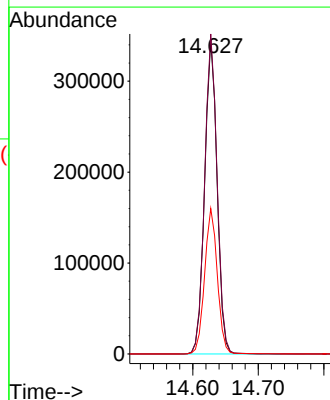
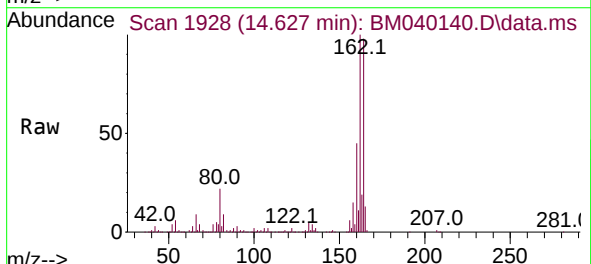
Instrument :
BNA_M
ClientSampleId :
PB153266BL

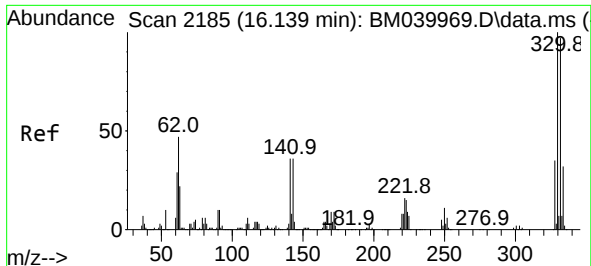
Tgt Ion: 82 Resp: 1455111
Ion Ratio Lower Upper
82 100
128 43.9 36.5 54.7
54 48.4 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

Tgt Ion:164 Resp: 456846
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 46.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 172.055 ng

RT: 16.116 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040140.D

Acq: 07 Jun 2023 14:19

Instrument :

BNA_M

ClientSampleId :

PB153266BL

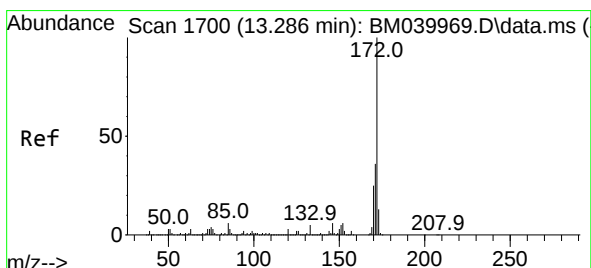
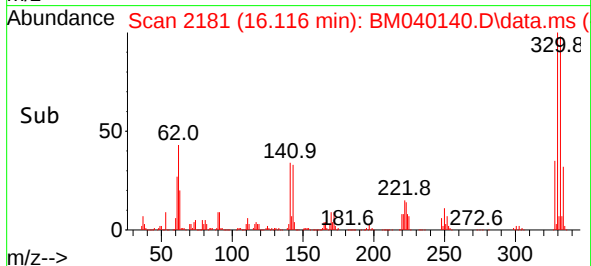
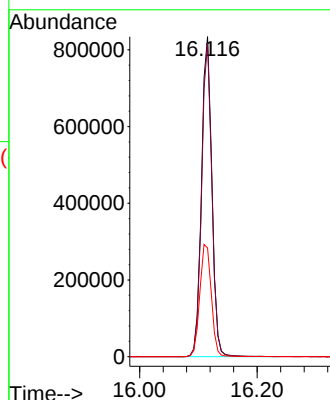
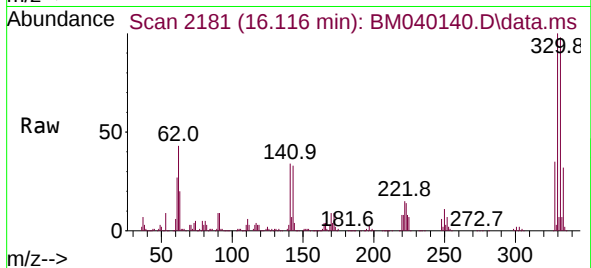
Tgt Ion:330 Resp: 1020204

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 39.0 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 91.890 ng

RT: 13.257 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM040140.D

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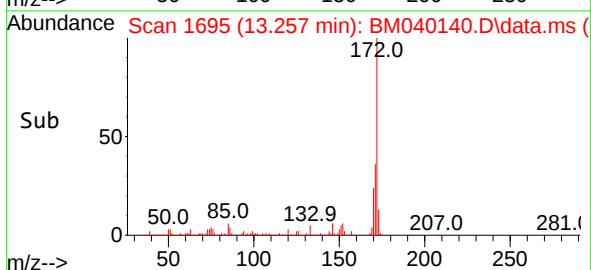
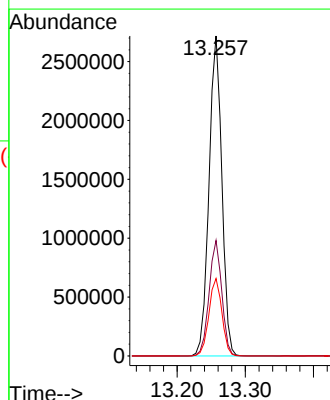
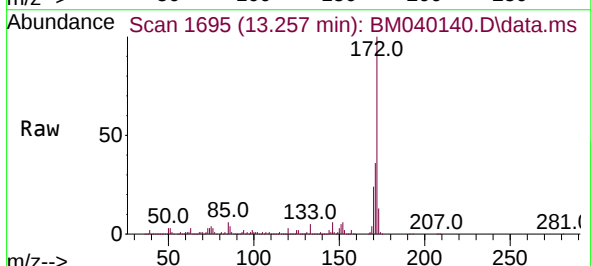
Tgt Ion:172 Resp: 3559123

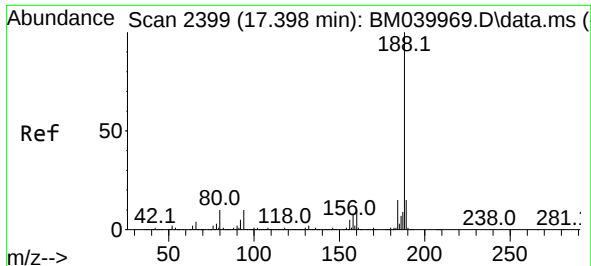
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 19.6 29.4

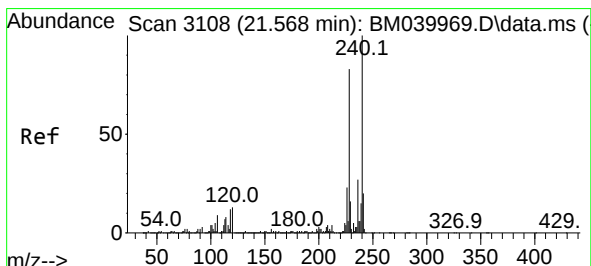
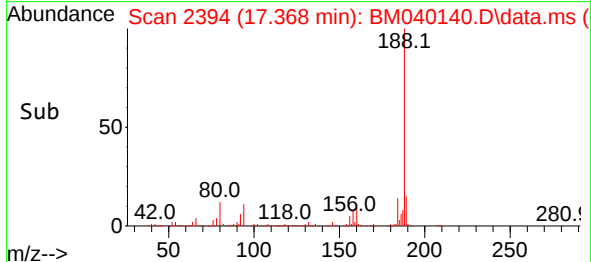
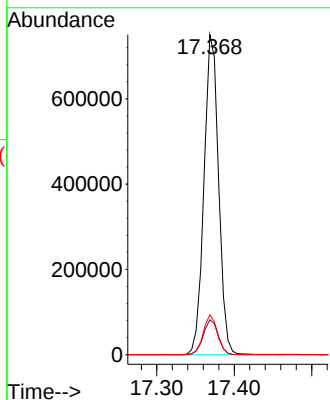
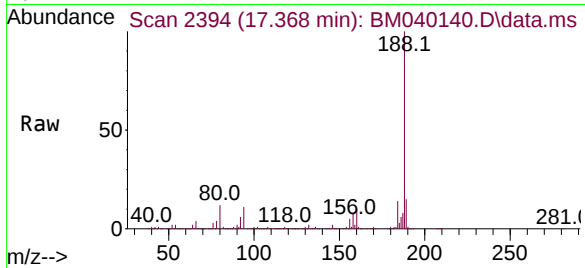




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

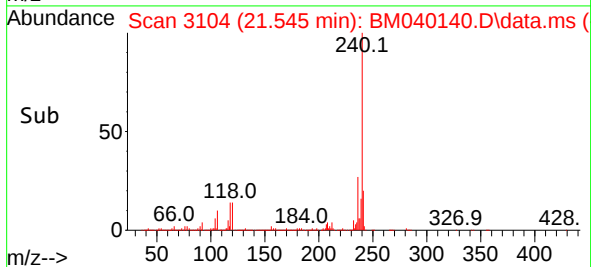
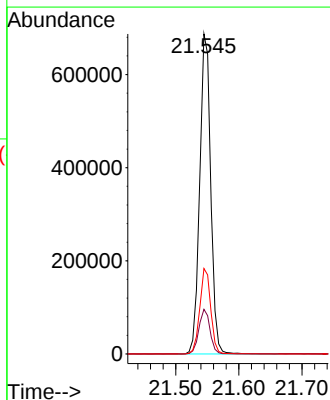
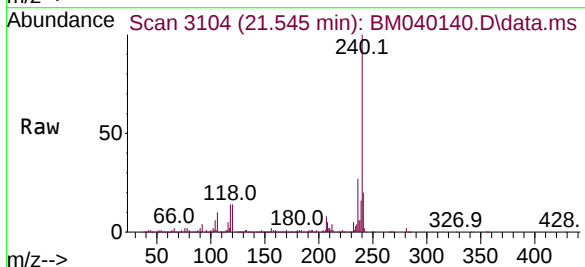
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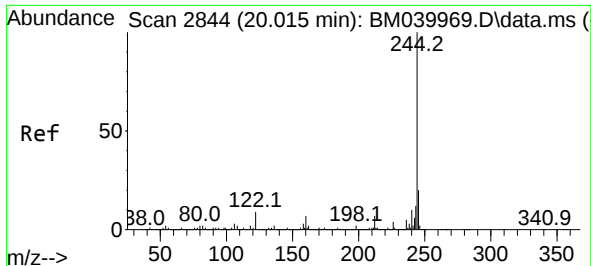
Tgt Ion:188 Resp: 981838
Ion Ratio Lower Upper
188 100
94 10.9 7.8 11.8
80 12.4 8.2 12.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

Tgt Ion:240 Resp: 830153
Ion Ratio Lower Upper
240 100
120 14.0 10.1 15.1
236 26.7 21.3 31.9

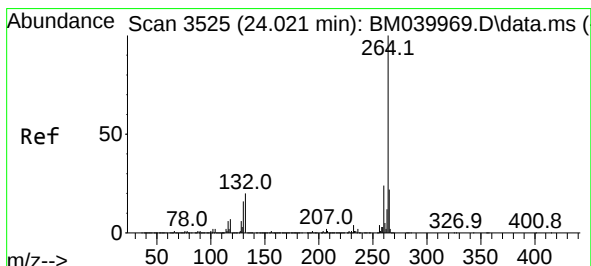
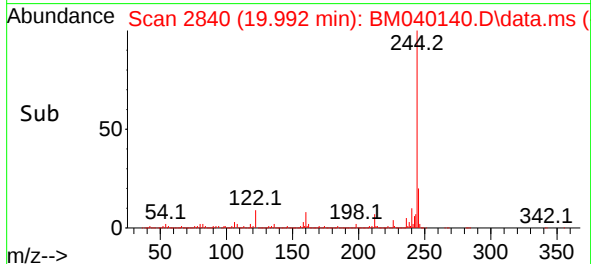
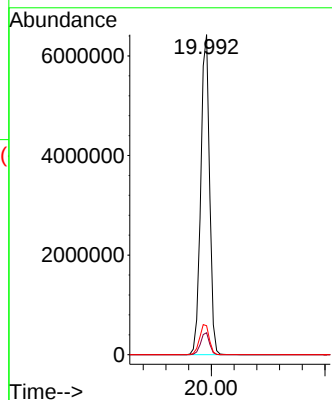
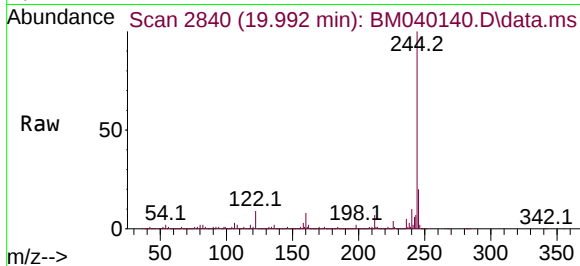




#79
Terphenyl-d14
Concen: 129.759 ng
RT: 19.992 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

Instrument :
BNA_M
ClientSampleId :
PB153266BL

Tgt Ion:244 Resp: 6937597
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 9.1 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM040140.D
Acq: 07 Jun 2023 14:19

Tgt Ion:264 Resp: 864436
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 22.0 17.7 26.5

