

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
 Data File : BM039950.D
 Acq On : 18 May 2023 15:46
 Operator : CG/JU
 Sample : 02828-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-5

Quant Time: May 19 05:19:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:26:41 2023
 Response via : Initial Calibration

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

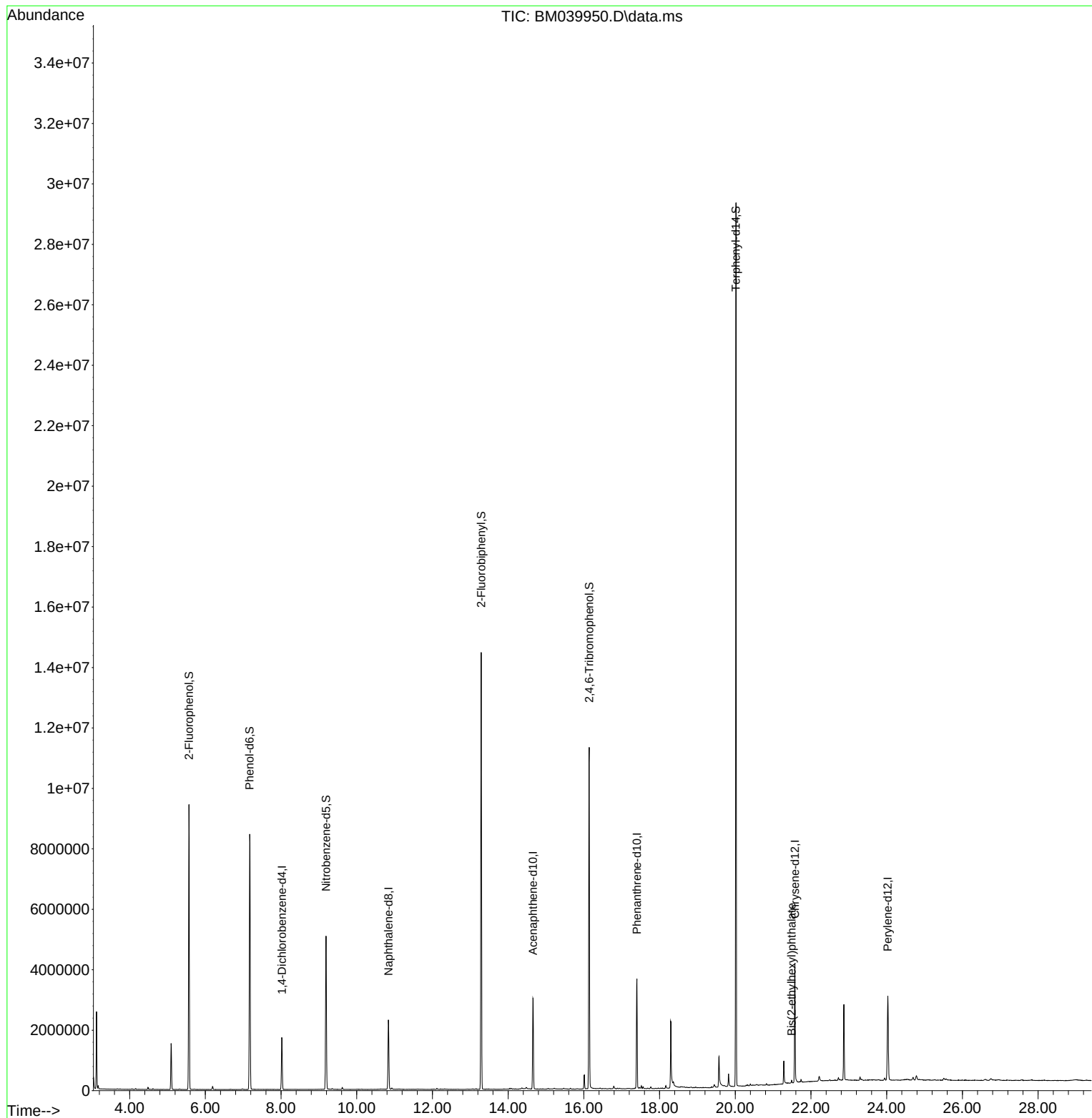
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	454021	20.000	ng	0.00
21) Naphthalene-d8	10.836	136	1867183	20.000	ng	0.00
39) Acenaphthene-d10	14.660	164	982847	20.000	ng	0.00
64) Phenanthrene-d10	17.401	188	1999725	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1671513	20.000	ng	0.00
86) Perylene-d12	24.030	264	1866164	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	4044237	144.759	ng	0.00
7) Phenol-d6	7.172	99	4974196	133.622	ng	0.00
23) Nitrobenzene-d5	9.189	82	2869100	89.994	ng	0.00
42) 2,4,6-Tribromophenol	16.142	330	2109264	113.854	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	6664606	86.739	ng	0.00
79) Terphenyl-d14	20.018	244	10778226	116.703	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.489	149	34141	5.210	ng	Qvalue # 93

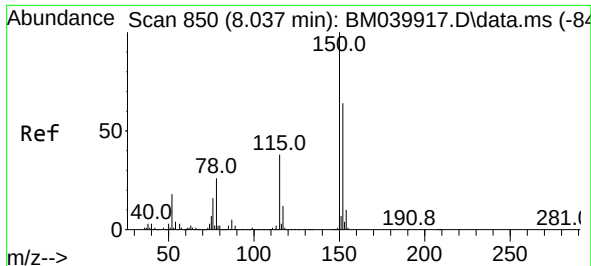
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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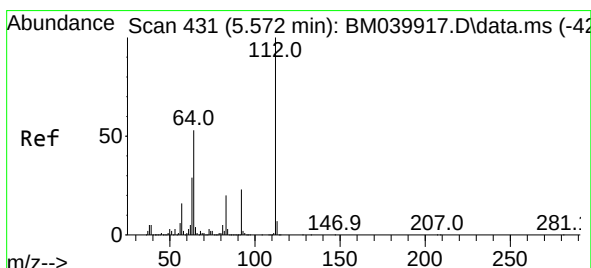
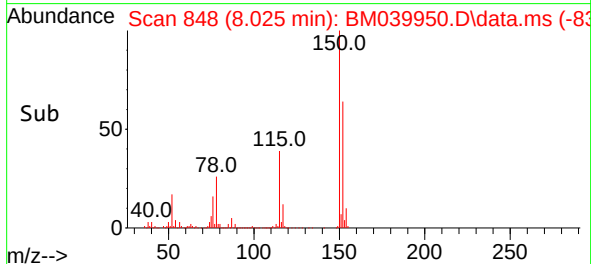
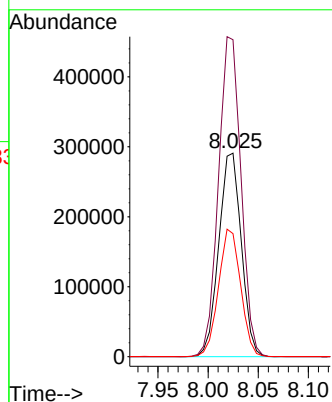
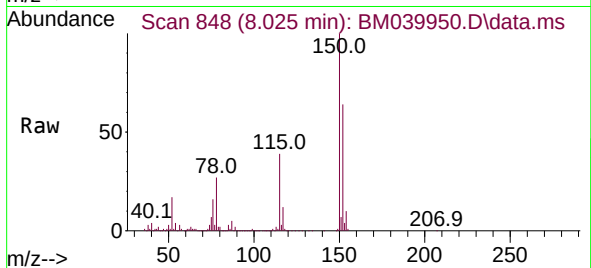




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.025 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

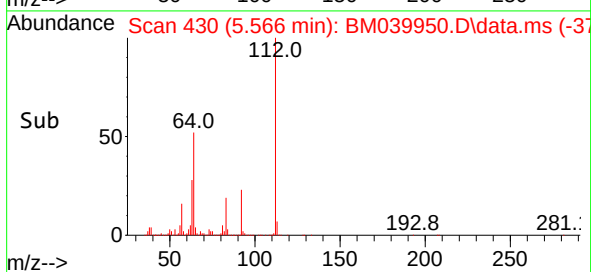
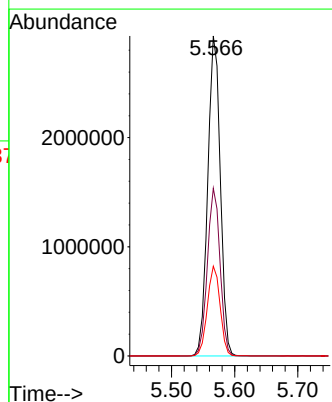
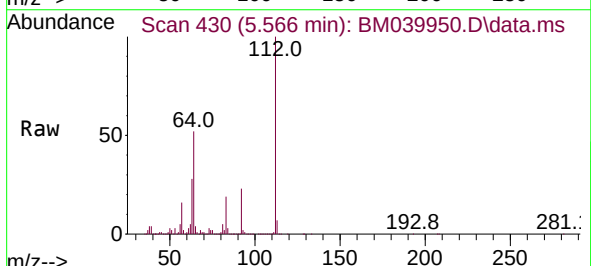
Instrument :
BNA_M
ClientSampleId :
SB-5

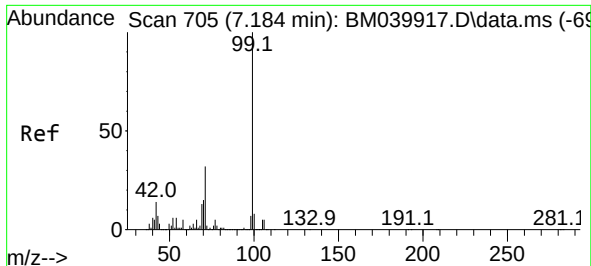
Tgt Ion:152 Resp: 454021
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.4
115 60.4 47.0 70.6



#5
2-Fluorophenol
Concen: 144.759 ng
RT: 5.566 min Scan# 430
Delta R.T. 0.000 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

Tgt Ion:112 Resp: 4044237
Ion Ratio Lower Upper
112 100
64 52.4 42.6 64.0
63 28.0 23.3 34.9

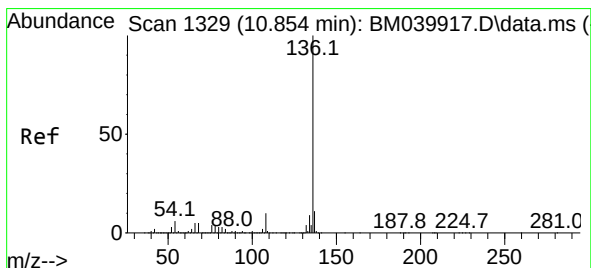
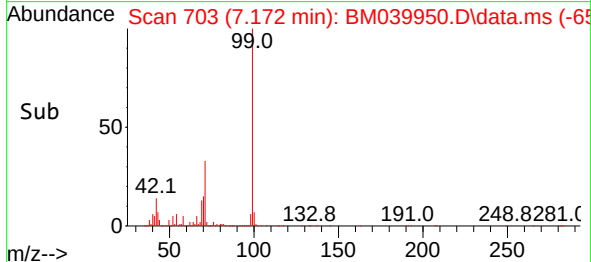
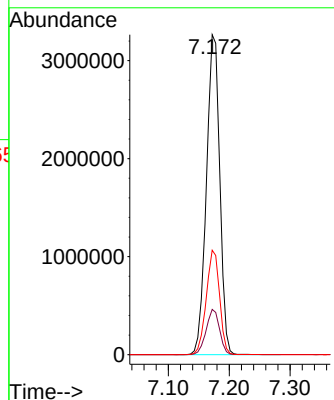
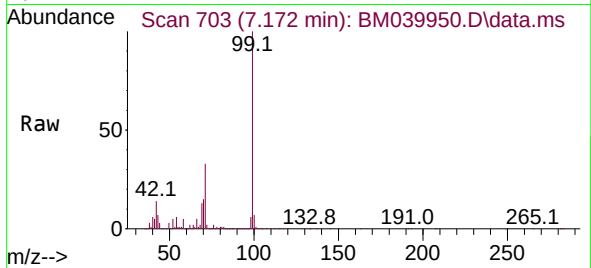




#7
Phenol-d6
Concen: 133.622 ng
RT: 7.172 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

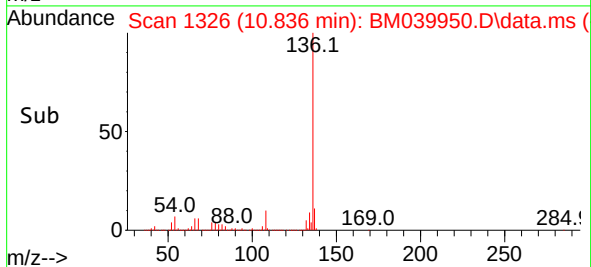
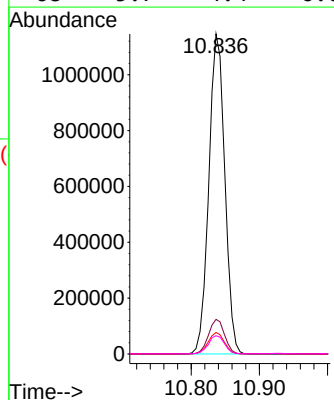
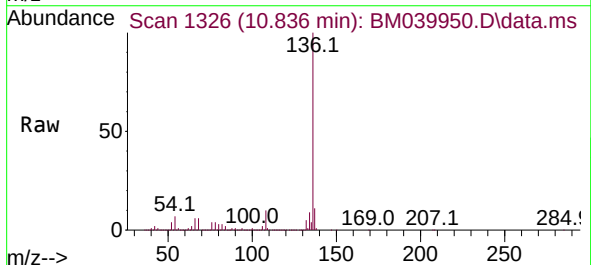
Instrument :
BNA_M
ClientSampleId :
SB-5

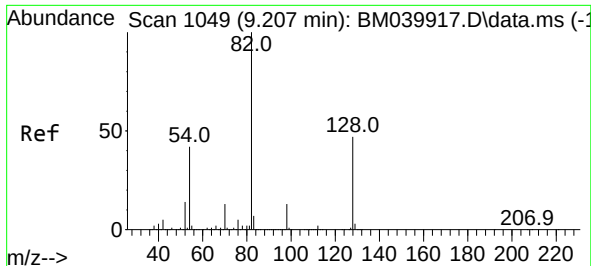
Tgt Ion: 99 Resp: 4974196
Ion Ratio Lower Upper
99 100
42 14.1 11.5 17.3
71 32.7 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.836 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

Tgt Ion: 136 Resp: 1867183
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.2 7.8
68 5.7 4.4 6.6

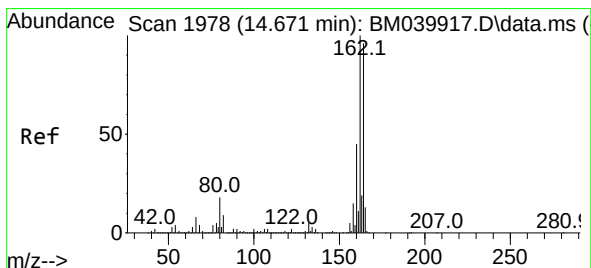
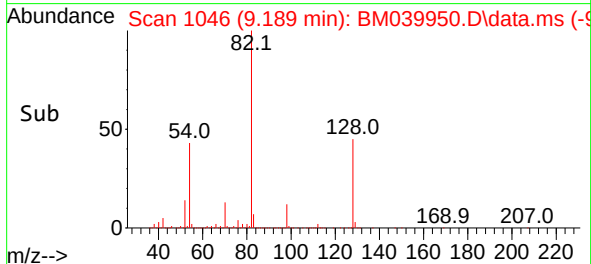
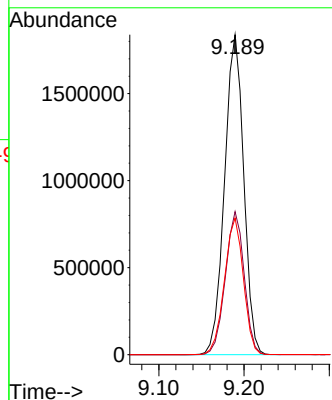
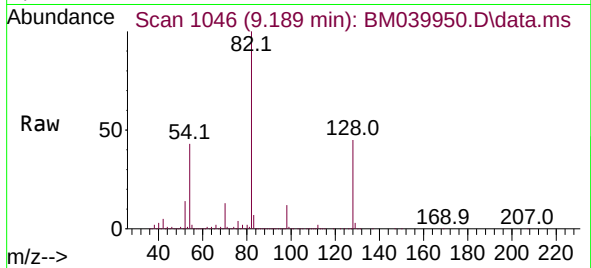




#23
Nitrobenzene-d5
Concen: 89.994 ng
RT: 9.189 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

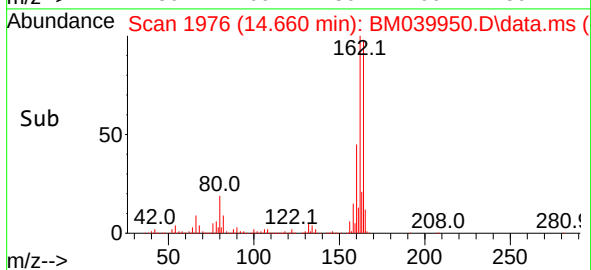
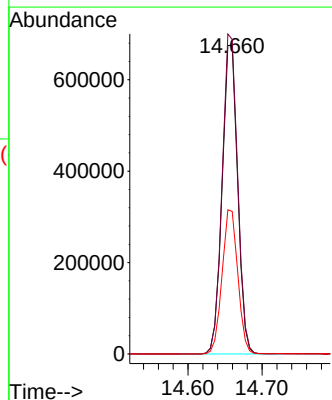
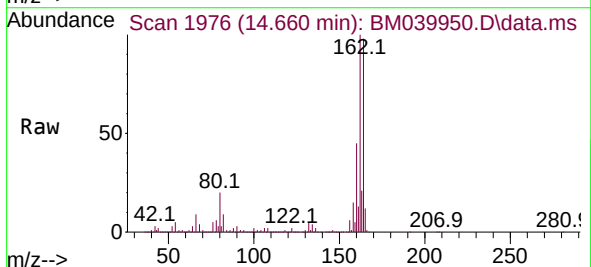
Instrument :
BNA_M
ClientSampleId :
SB-5

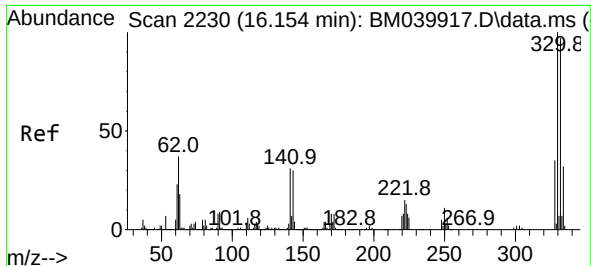
Tgt Ion: 82 Resp: 2869100
Ion Ratio Lower Upper
82 100
128 44.7 37.2 55.8
54 42.7 33.5 50.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.660 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

Tgt Ion:164 Resp: 982847
Ion Ratio Lower Upper
164 100
162 101.9 83.6 125.4
160 46.2 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 113.854 ng

RT: 16.142 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039950.D

Acq: 18 May 2023 15:46

Instrument :

BNA_M

ClientSampleId :

SB-5

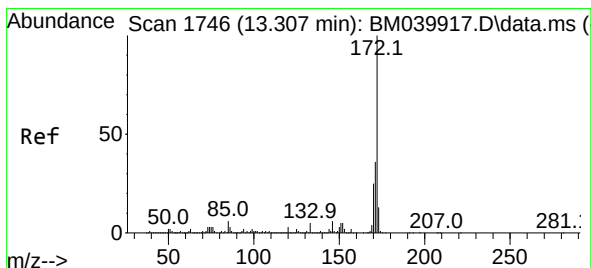
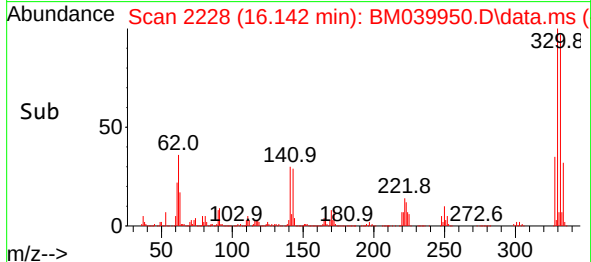
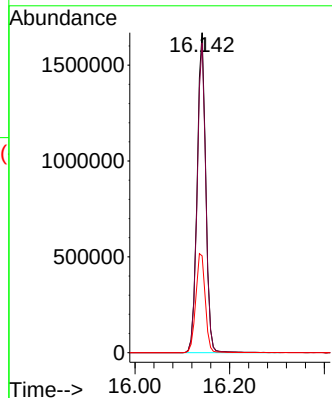
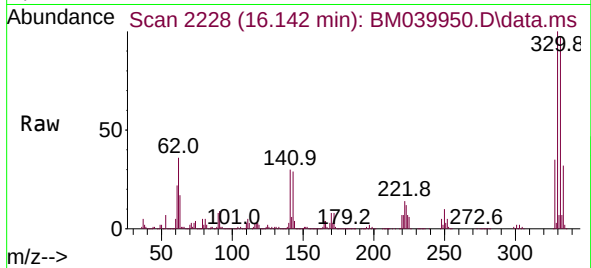
Tgt Ion:330 Resp: 2109264

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 34.1 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 86.739 ng

RT: 13.289 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM039950.D

Acq: 18 May 2023 15:46

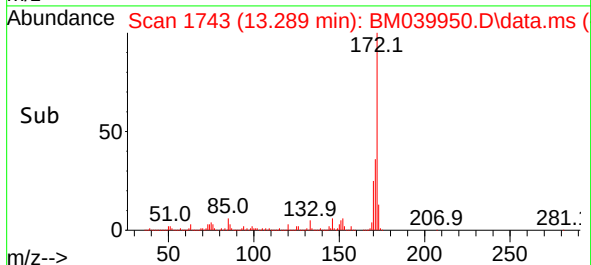
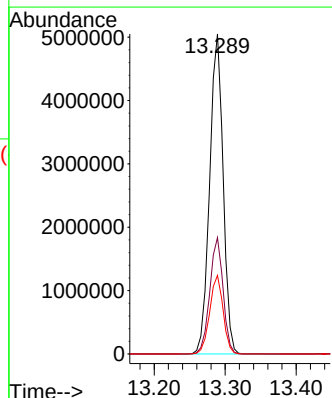
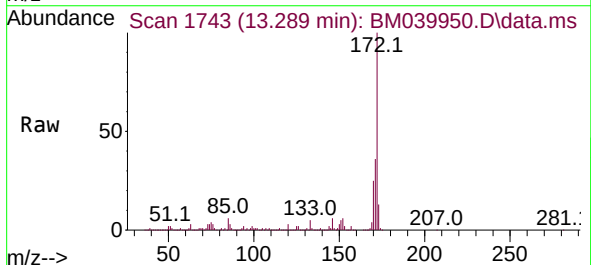
Tgt Ion:172 Resp: 6664606

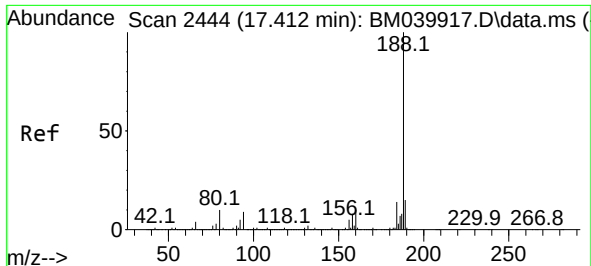
Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

170 24.6 19.9 29.9

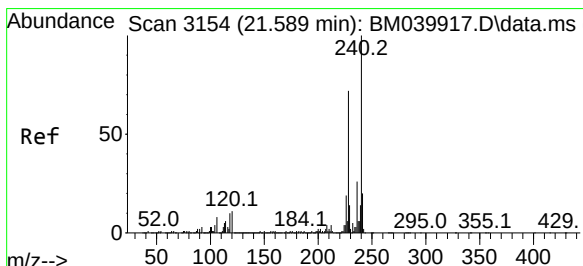
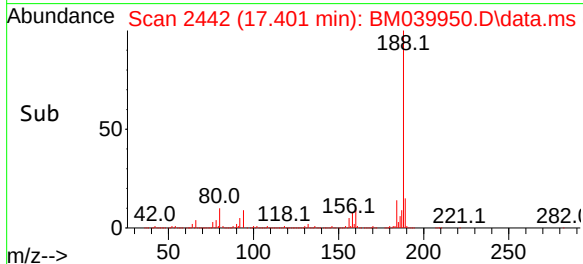
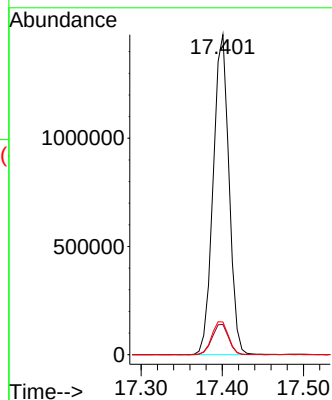
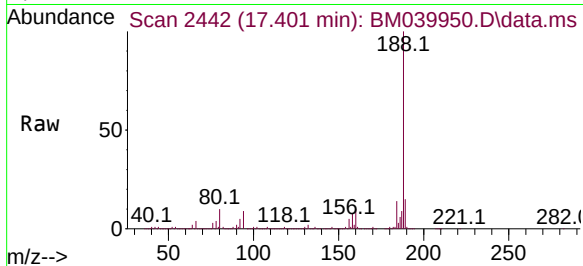




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.401 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

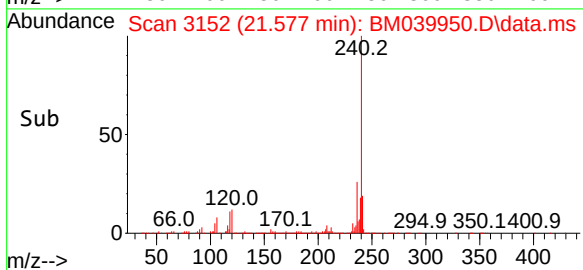
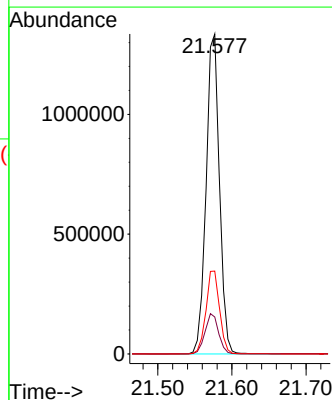
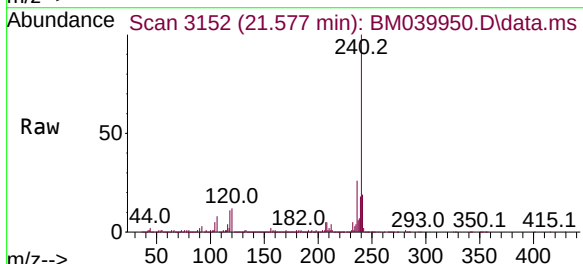
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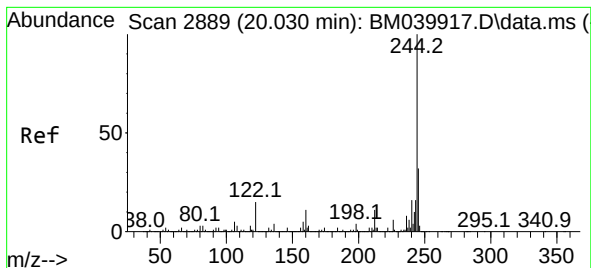
Tgt Ion:188 Resp: 1999725
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BM039950.D
Acq: 18 May 2023 15:46

Tgt Ion:240 Resp: 1671513
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 116.703 ng

RT: 20.018 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039950.D

Acq: 18 May 2023 15:46

Instrument :

BNA_M

ClientSampleId :

SB-5

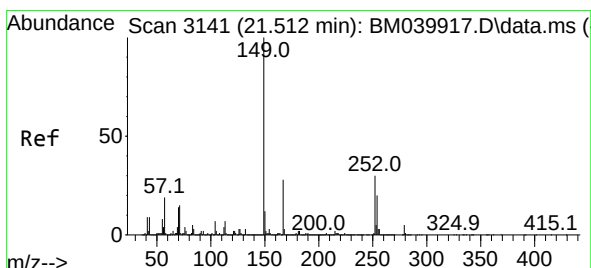
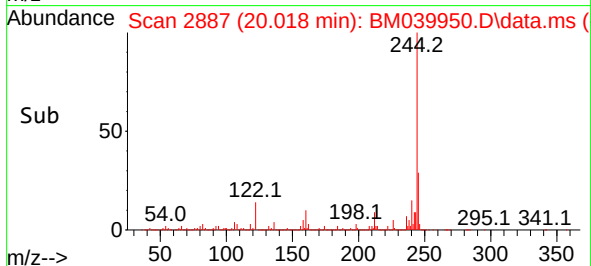
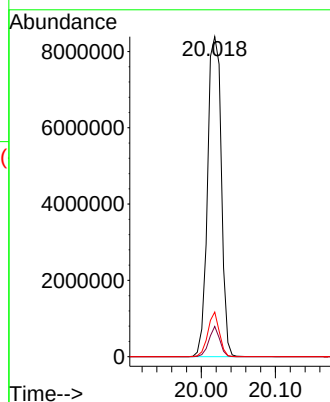
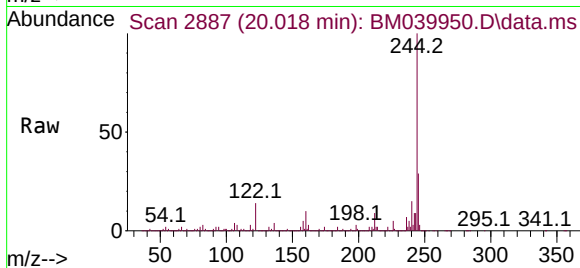
Tgt Ion:244 Resp:10778226

Ion Ratio Lower Upper

244 100

212 9.4 8.5 12.7

122 13.9 12.1 18.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.210 ng

RT: 21.489 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM039950.D

Acq: 18 May 2023 15:46

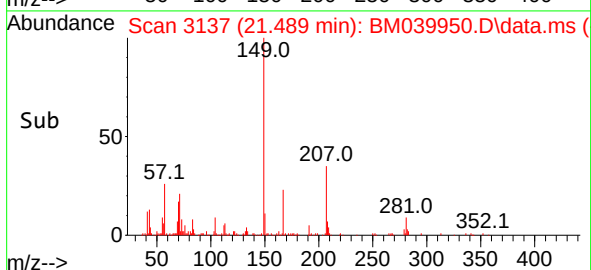
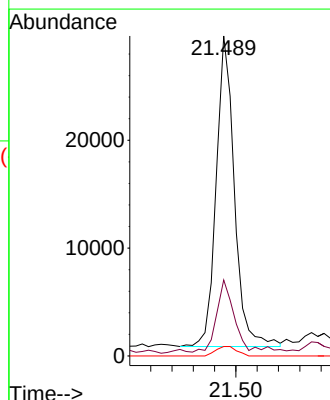
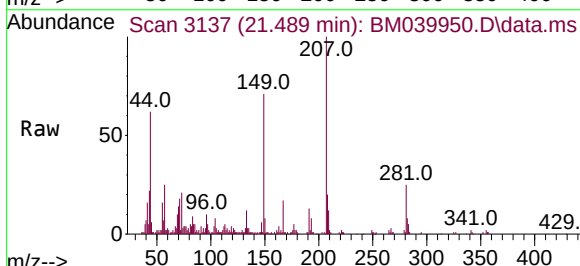
Tgt Ion:149 Resp: 34141

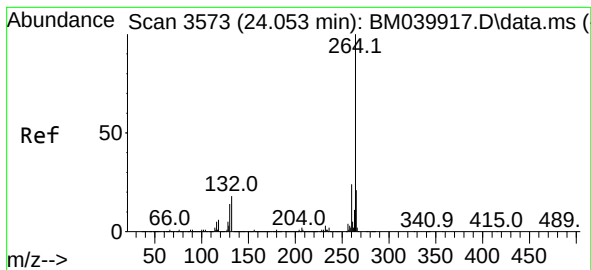
Ion Ratio Lower Upper

149 100

167 23.8 22.3 33.5

279 3.0 3.8 5.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.030 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM039950.D
 Acq: 18 May 2023 15:46

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Tgt Ion:264 Resp: 1866164
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 22.1 17.2 25.8

