

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
 Data File : BM039949.D
 Acq On : 18 May 2023 15:10
 Operator : CG/JU
 Sample : 02828-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-6

Quant Time: May 19 05:19:13 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)

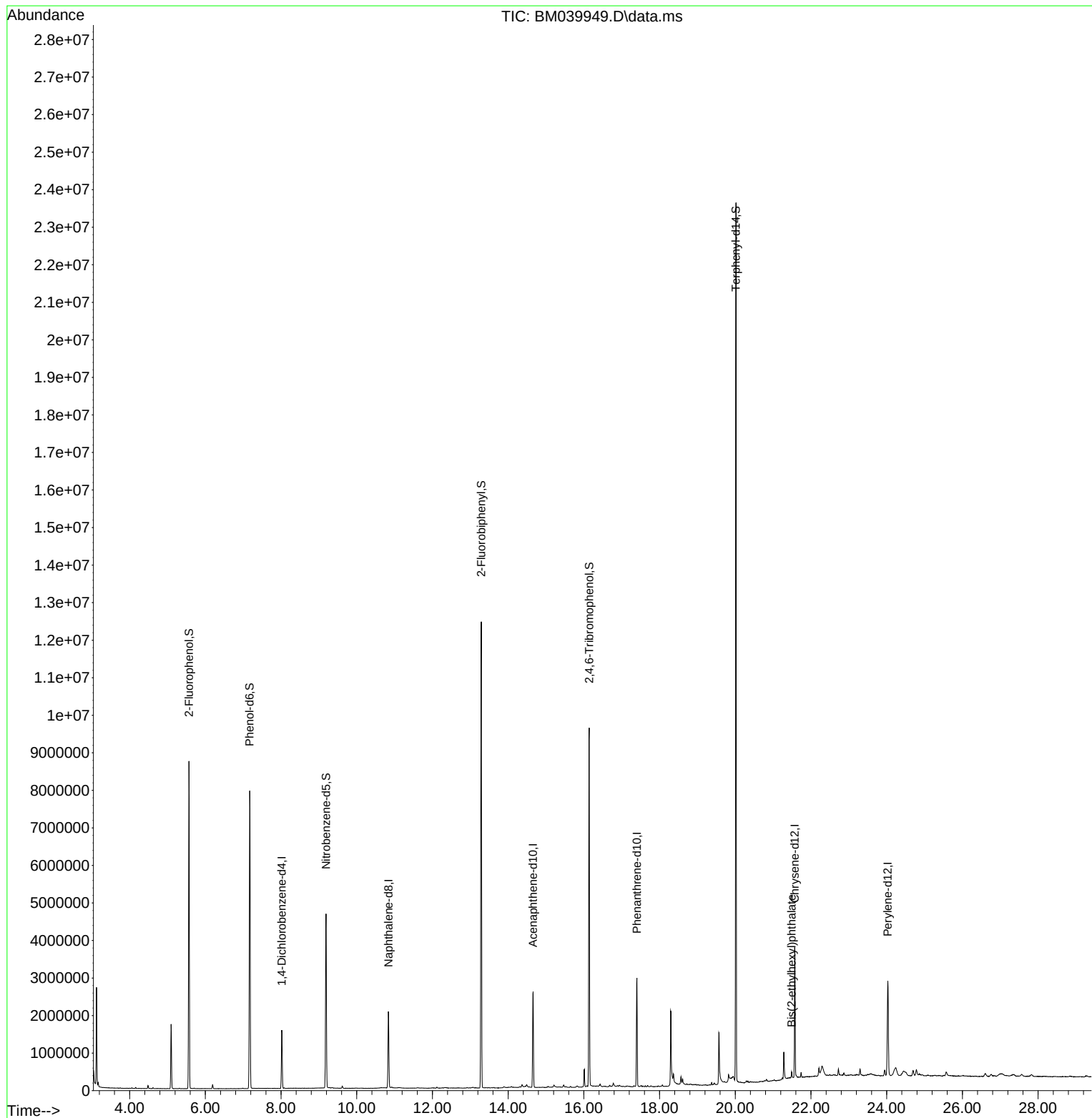
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	402949	20.000	ng	0.00
21) Naphthalene-d8	10.836	136	1617414	20.000	ng	0.00
39) Acenaphthene-d10	14.660	164	829848	20.000	ng	0.00
64) Phenanthrene-d10	17.401	188	1628414	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1430901	20.000	ng	#-0.01
86) Perylene-d12	24.030	264	1776850	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	3714817	149.820	ng	0.00
7) Phenol-d6	7.172	99	4553848	137.835	ng	0.00
23) Nitrobenzene-d5	9.190	82	2667664	96.597	ng	0.00
42) 2,4,6-Tribromophenol	16.142	330	1696987	109.082	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	5793185	89.299	ng	0.00
79) Terphenyl-d14	20.018	244	9246475	116.953	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.489	149	58431	5.587	ng	Qvalue # 96

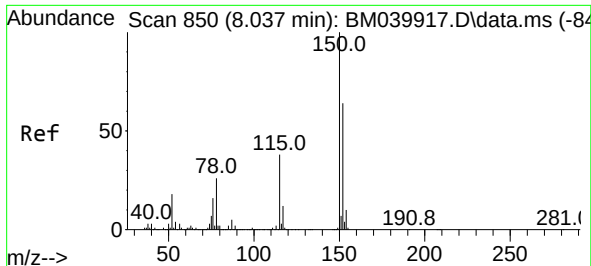
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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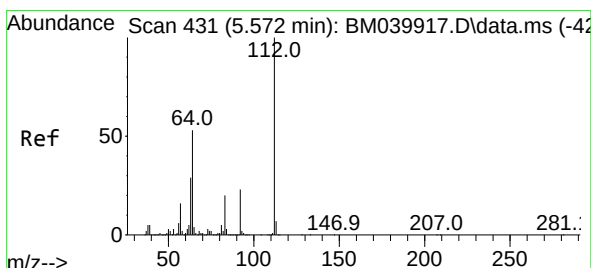
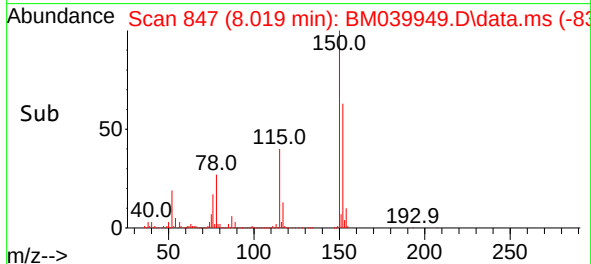
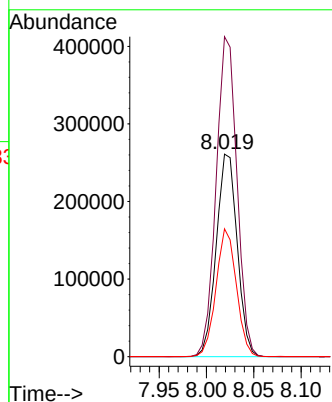
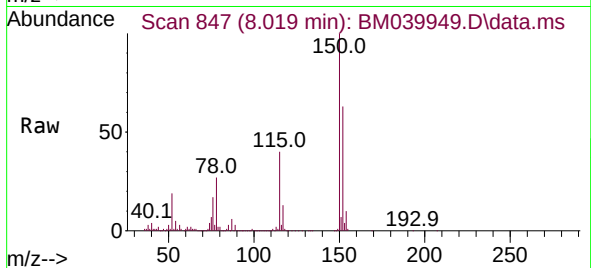




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.019 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

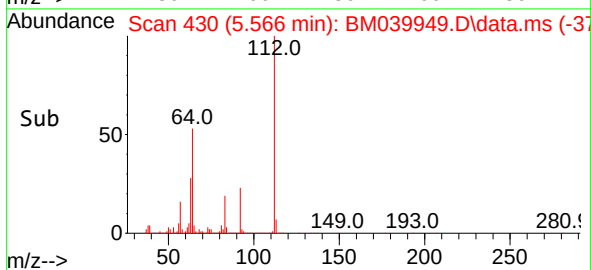
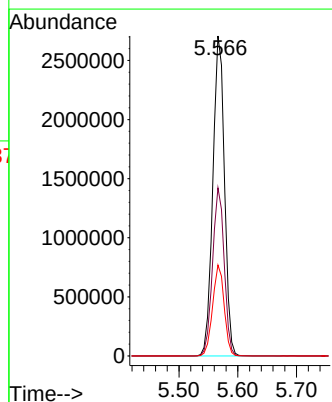
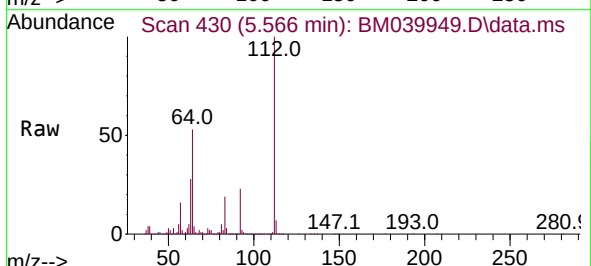
Instrument :
BNA_M
ClientSampleId :
SB-6

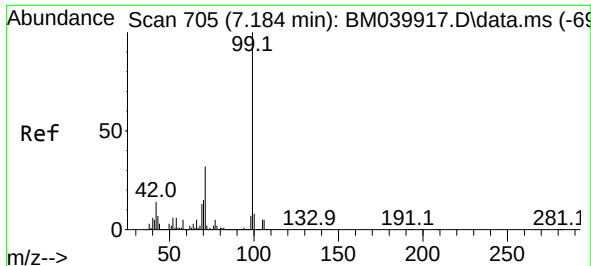
Tgt Ion:152 Resp: 402949
Ion Ratio Lower Upper
152 100
150 158.0 125.0 187.4
115 63.2 47.0 70.6



#5
2-Fluorophenol
Concen: 149.820 ng
RT: 5.566 min Scan# 430
Delta R.T. 0.000 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:112 Resp: 3714817
Ion Ratio Lower Upper
112 100
64 52.6 42.6 64.0
63 28.4 23.3 34.9



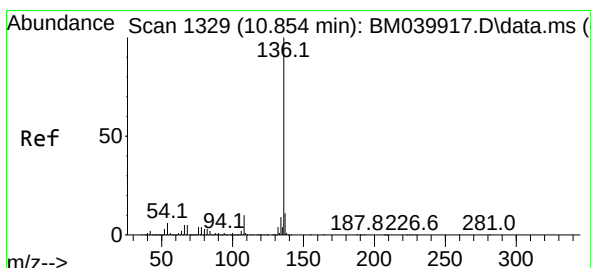
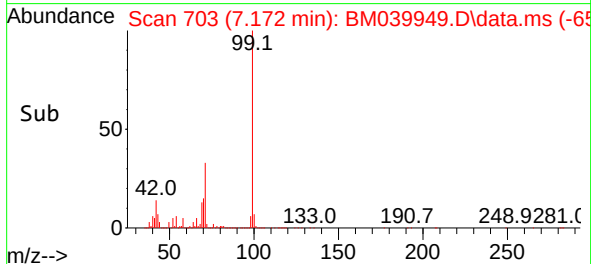
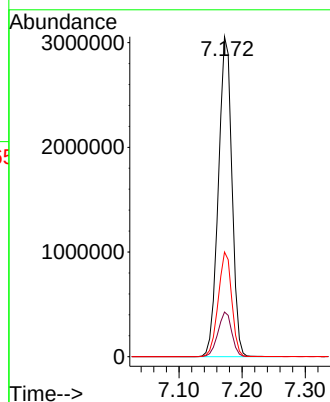
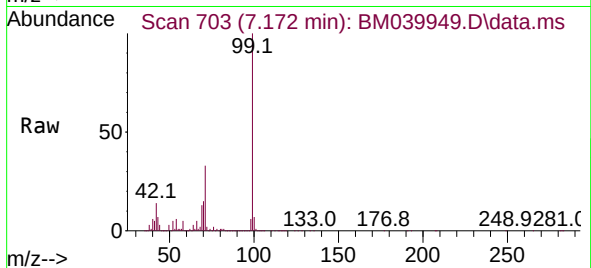


#7
Phenol-d6
Concen: 137.835 ng
RT: 7.172 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Instrument :
BNA_M
ClientSampleId :
SB-6

Tgt Ion: 99 Resp: 4553848

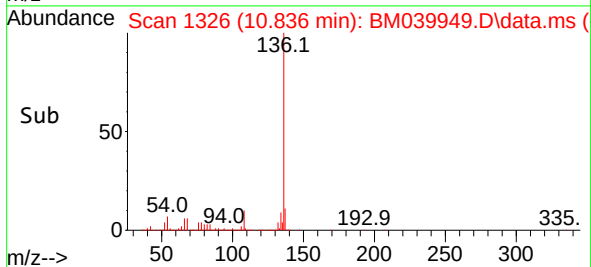
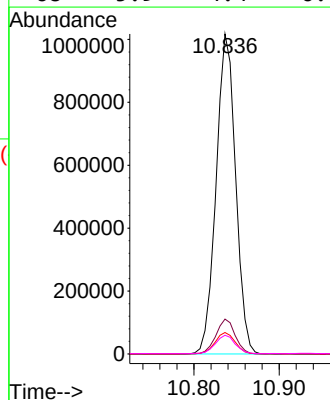
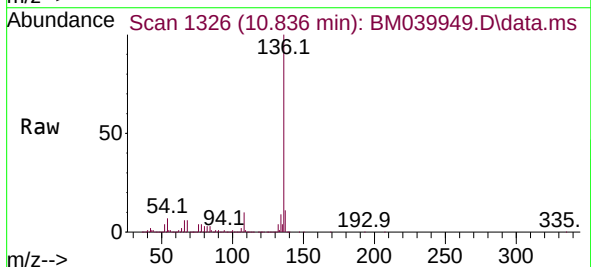
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.5	17.3
71	32.7	25.7	38.5

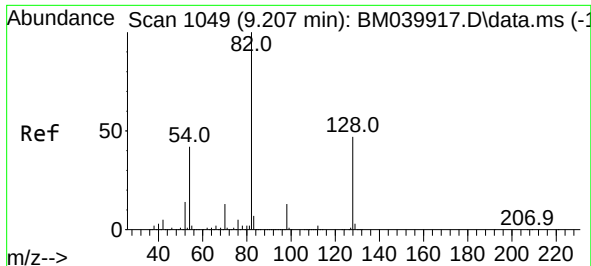


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.836 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion: 136 Resp: 1617414

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.2	7.8
68	5.9	4.4	6.6

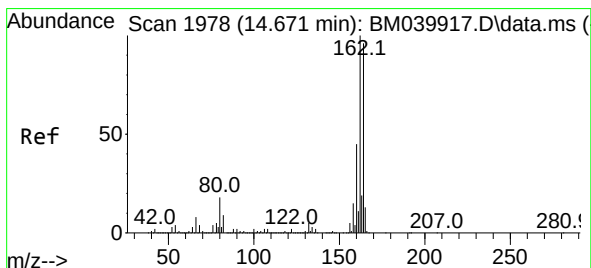
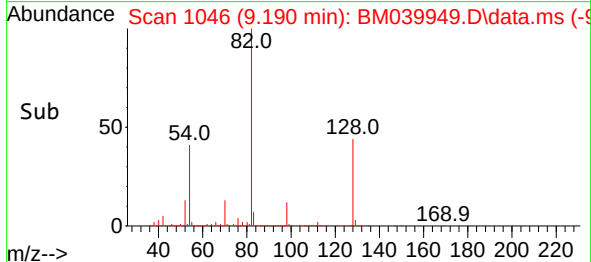
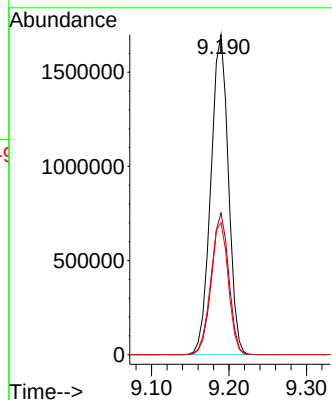
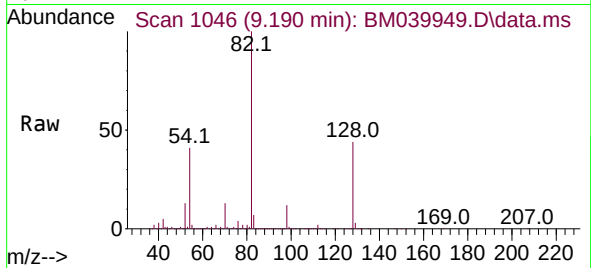




#23
Nitrobenzene-d5
Concen: 96.597 ng
RT: 9.190 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

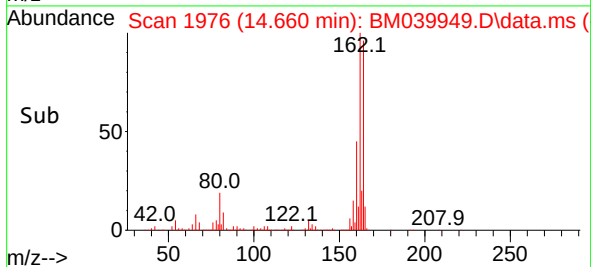
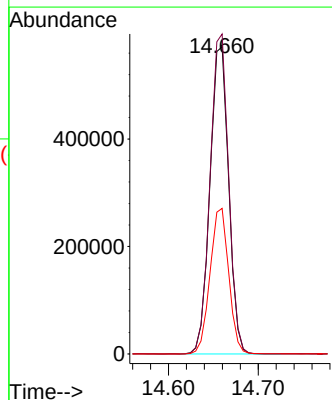
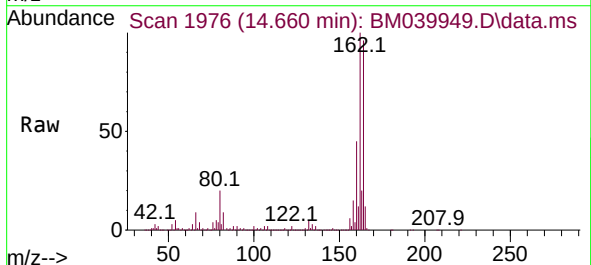
Instrument :
BNA_M
ClientSampleId :
SB-6

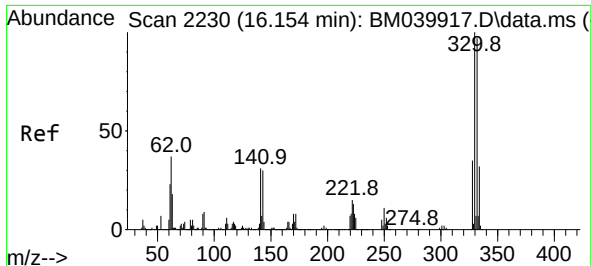
Tgt Ion: 82 Resp: 2667664
Ion Ratio Lower Upper
82 100
128 44.3 37.2 55.8
54 41.2 33.5 50.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.660 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:164 Resp: 829848
Ion Ratio Lower Upper
164 100
162 104.1 83.6 125.4
160 47.4 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 109.082 ng

RT: 16.142 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

Instrument :

BNA_M

ClientSampleId :

SB-6

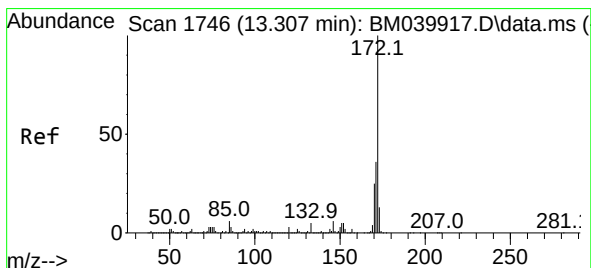
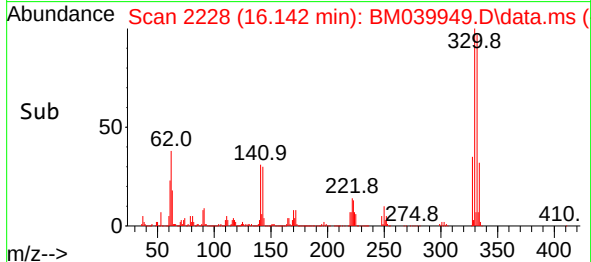
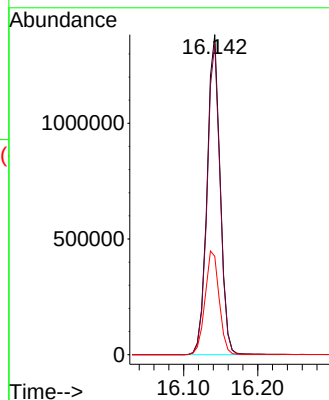
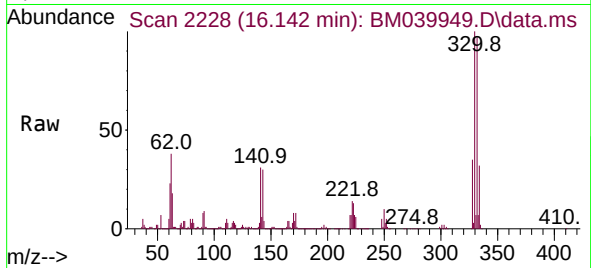
Tgt Ion:330 Resp: 1696987

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 35.0 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 89.299 ng

RT: 13.289 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

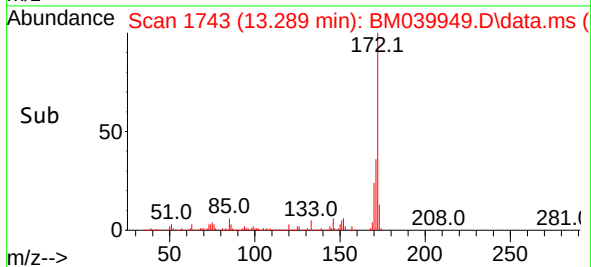
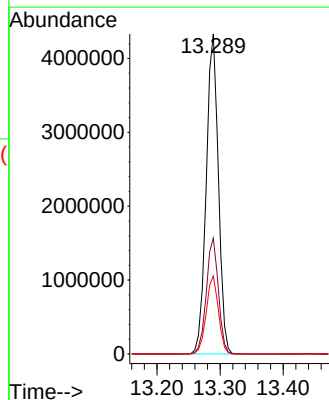
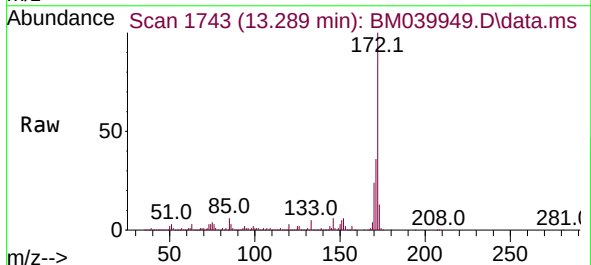
Tgt Ion:172 Resp: 5793185

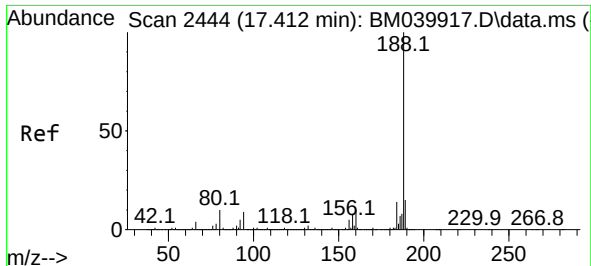
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 24.4 19.9 29.9

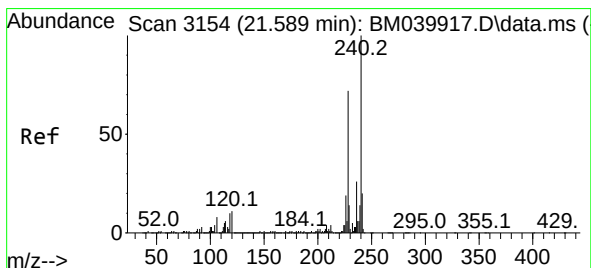
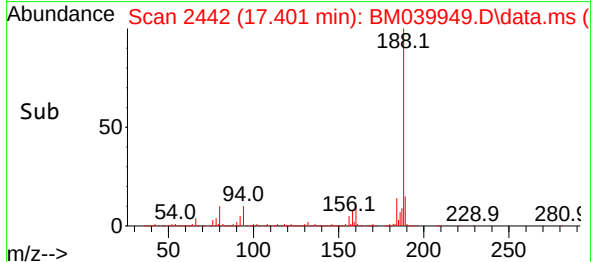
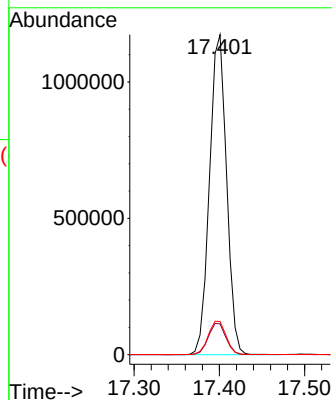
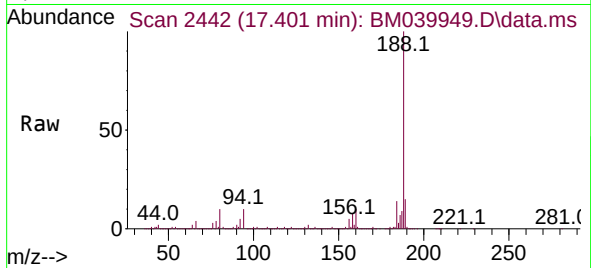




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.401 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

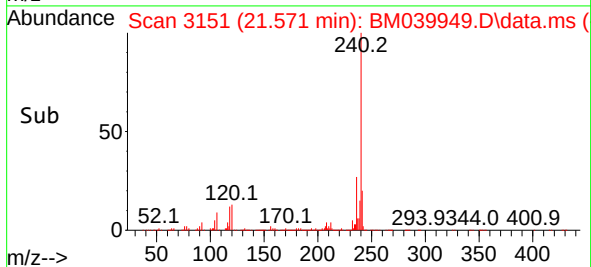
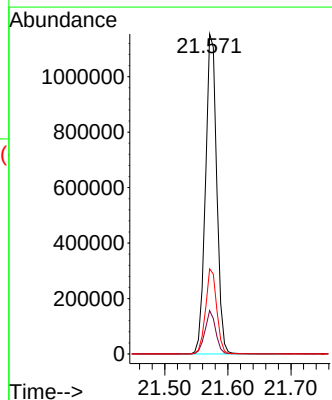
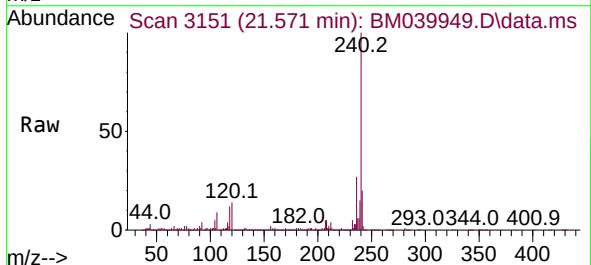
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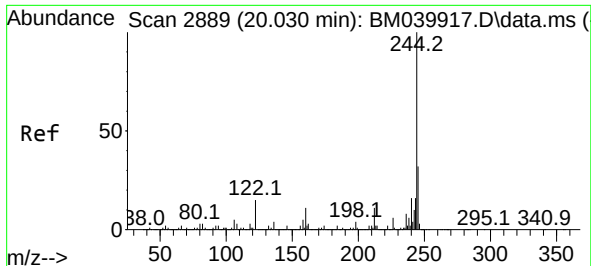
Tgt Ion:188 Resp: 1628414
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BM039949.D
Acq: 18 May 2023 15:10

Tgt Ion:240 Resp: 1430901
Ion Ratio Lower Upper
240 100
120 13.6 9.0 13.4#
236 26.6 20.9 31.3

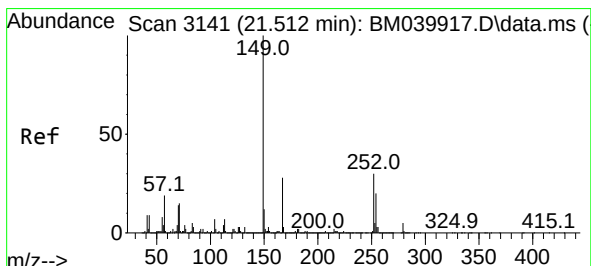
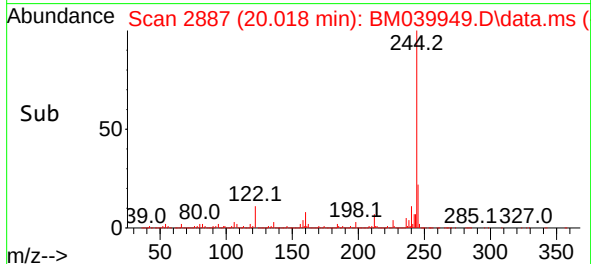
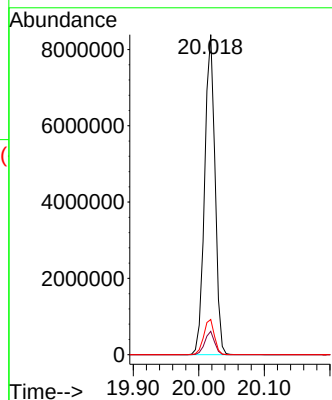
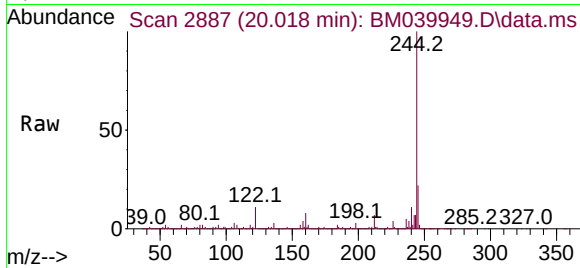




#79
 Terphenyl-d14
 Concen: 116.953 ng
 RT: 20.018 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039949.D
 Acq: 18 May 2023 15:10

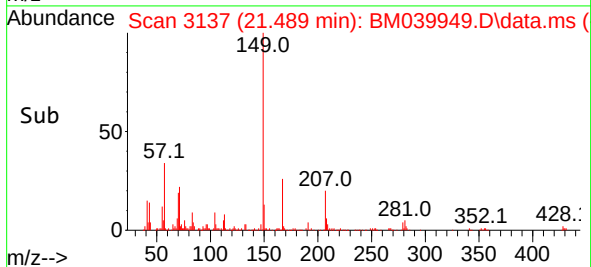
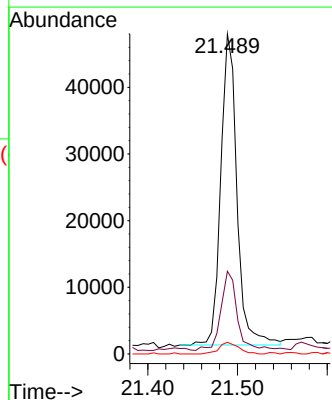
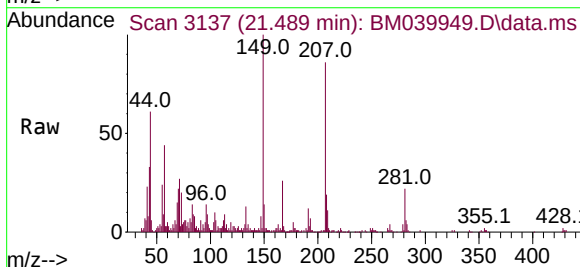
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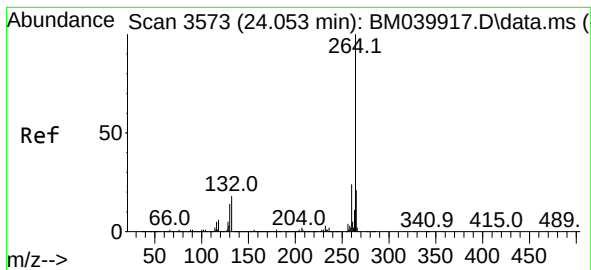
Tgt Ion:244 Resp: 9246475
 Ion Ratio Lower Upper
 244 100
 212 7.3 8.5 12.7#
 122 11.0 12.1 18.1#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.587 ng
 RT: 21.489 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BM039949.D
 Acq: 18 May 2023 15:10

Tgt Ion:149 Resp: 58431
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.3 33.5
 279 3.6 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.030 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM039949.D

Acq: 18 May 2023 15:10

Instrument :

BNA_M

ClientSampleId :

SB-6

Tgt Ion:264 Resp: 1776850

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.3 17.2 25.8

