

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039081.D
 Acq On : 21 Mar 2023 22:45
 Operator : CG/JU
 Sample : 02002-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 031023-3

Quant Time: Mar 22 03:45:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	334295	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1319307	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	683328	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1282442	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1297483	20.000	ng	0.00
86) Perylene-d12	23.956	264	1537722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1986270	90.271	ng	0.00
7) Phenol-d6	7.128	99	2472545	86.513	ng	0.00
23) Nitrobenzene-d5	9.134	82	1495774	55.691	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	630274	79.731	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2900328	55.254	ng	0.00
79) Terphenyl-d14	19.968	244	3568801	50.289	ng	0.00

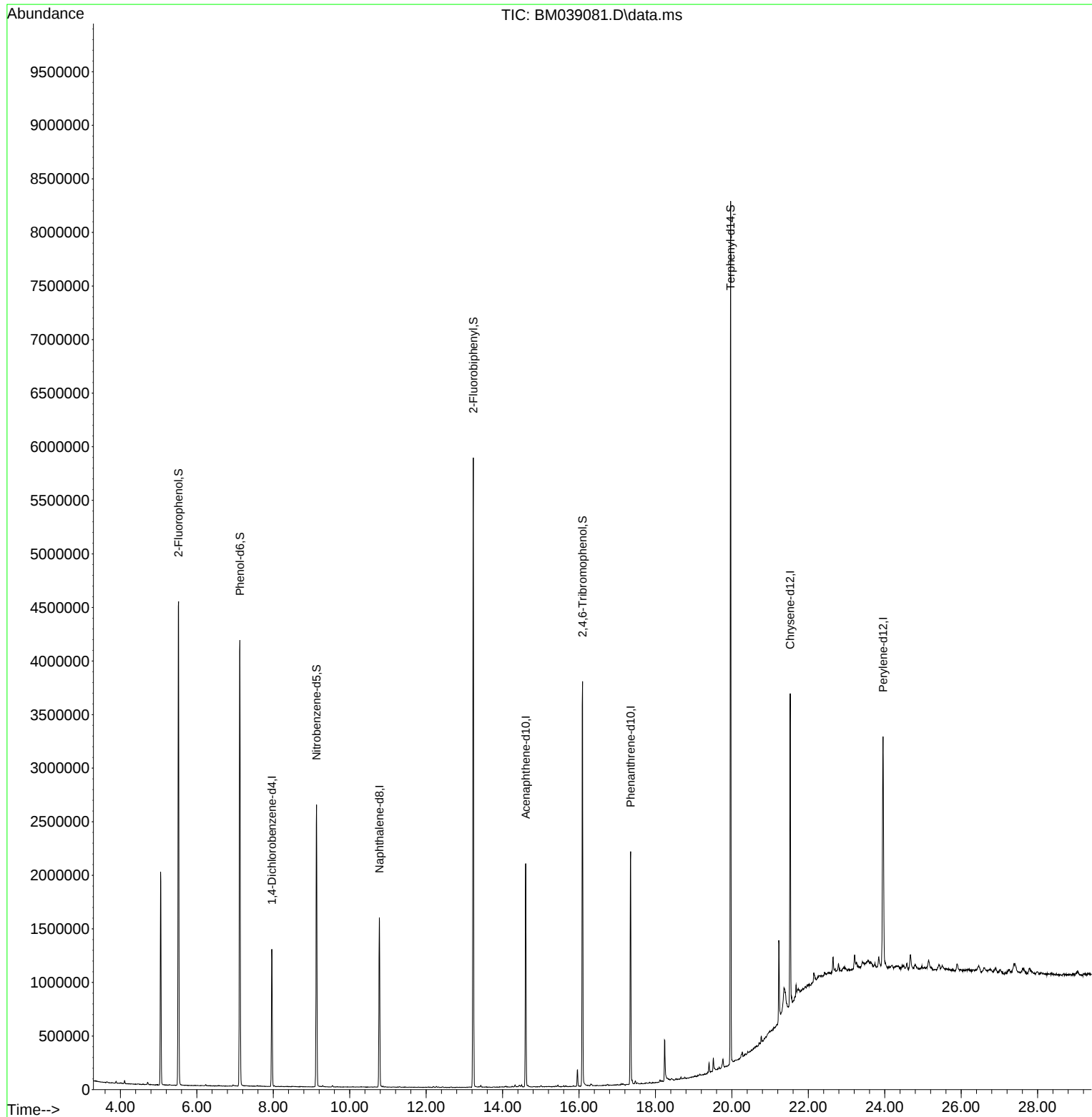
Target Compounds Qvalue

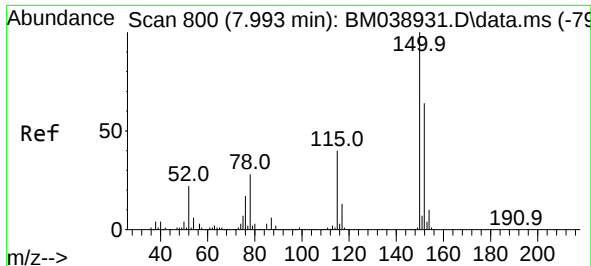
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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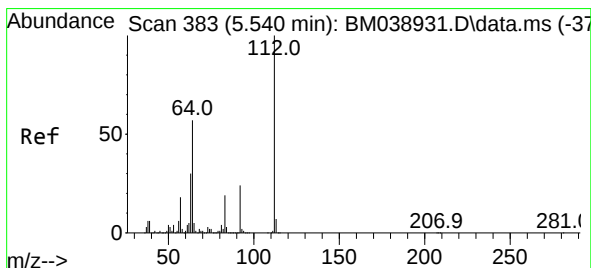
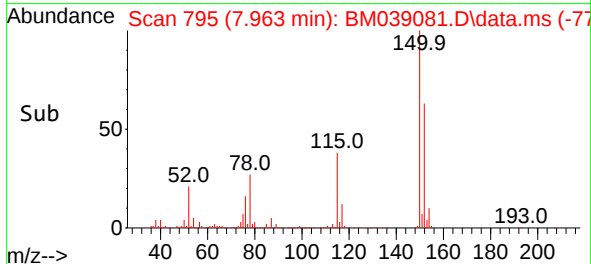
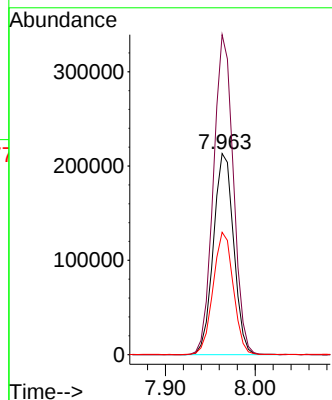
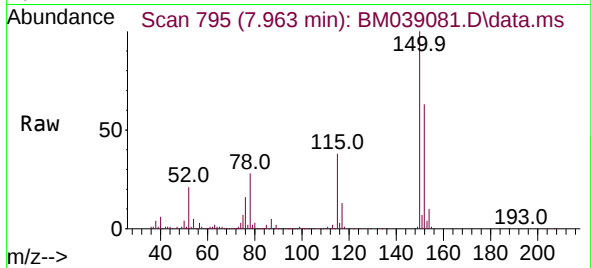




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

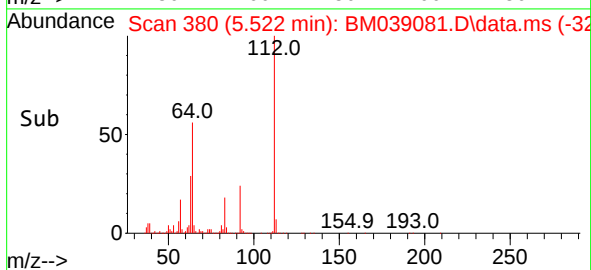
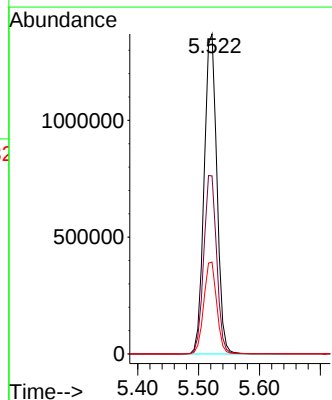
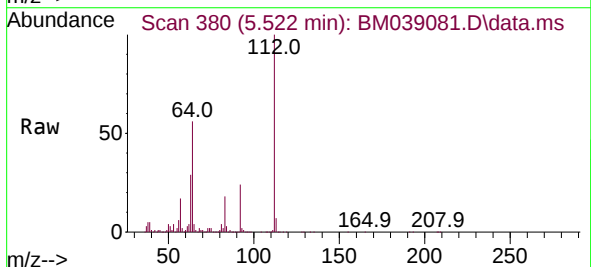
Instrument :
BNA_M
ClientSampleId :
031023-3

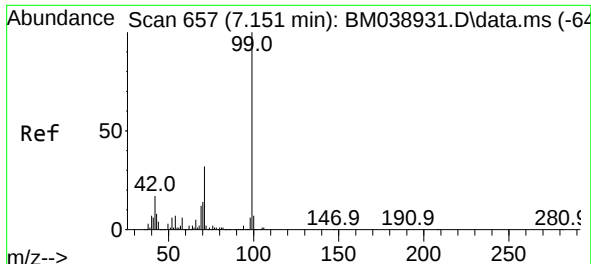
Tgt Ion:152 Resp: 334295
Ion Ratio Lower Upper
152 100
150 159.2 125.1 187.7
115 60.8 49.6 74.4



#5
2-Fluorophenol
Concen: 90.271 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion:112 Resp: 1986270
Ion Ratio Lower Upper
112 100
64 55.6 45.9 68.9
63 28.7 23.8 35.8

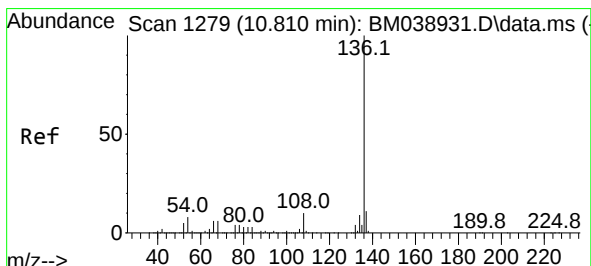
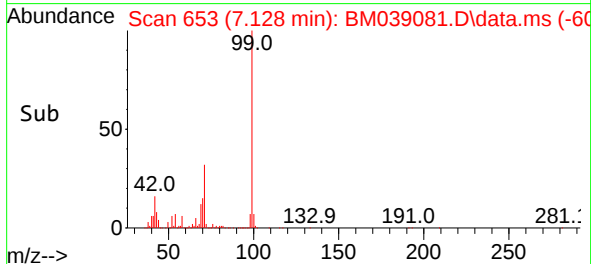
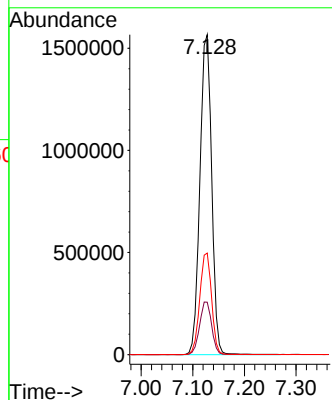
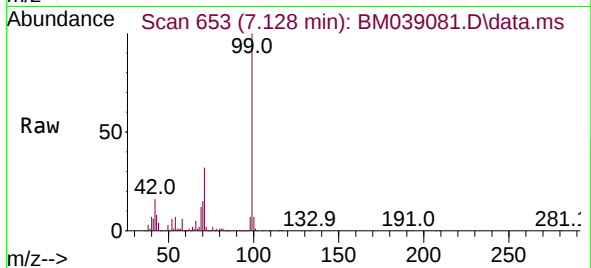




#7
Phenol-d6
Concen: 86.513 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

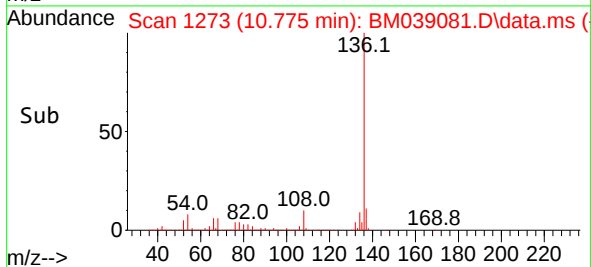
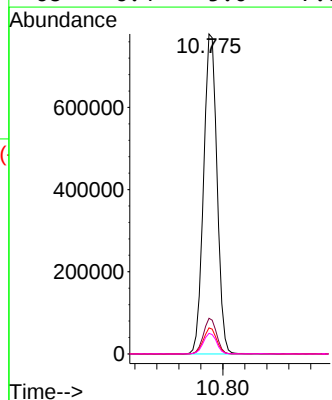
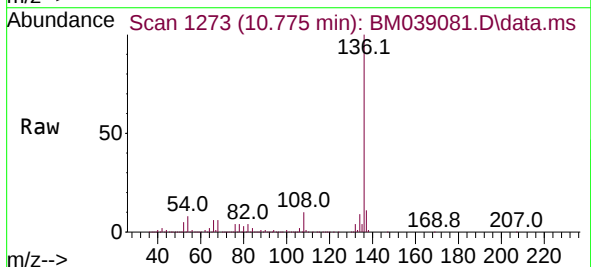
Instrument :
BNA_M
ClientSampleId :
031023-3

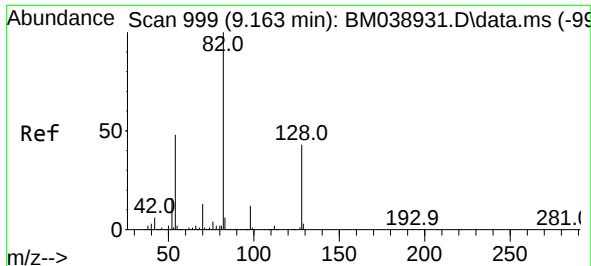
Tgt Ion: 99 Resp: 2472545
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion: 136 Resp: 1319307
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.1 6.3 9.5
68 6.4 5.0 7.6



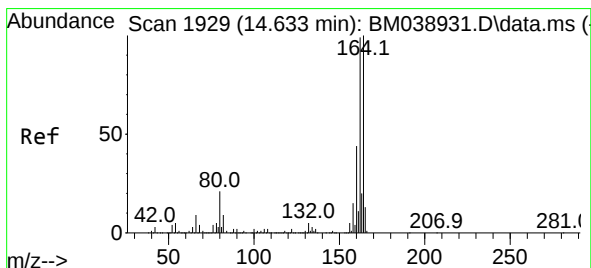
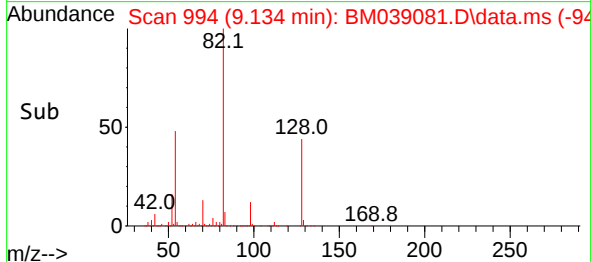
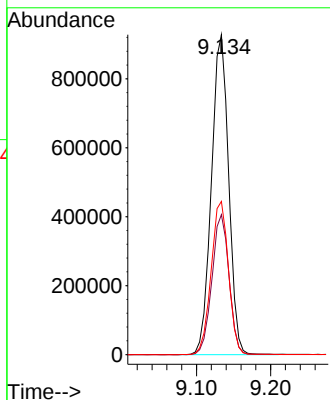
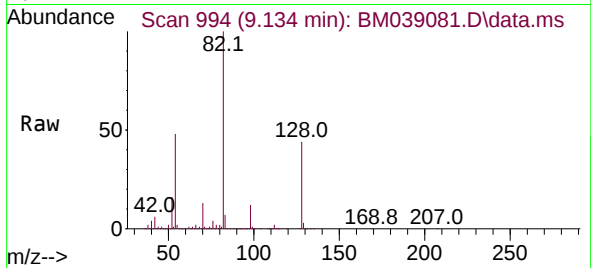


#23
 Nitrobenzene-d5
 Concen: 55.691 ng
 RT: 9.134 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: BM039081.D
 Acq: 21 Mar 2023 22:45

Instrument :
 BNA_M
 ClientSampleId :
 031023-3

Tgt Ion: 82 Resp: 1495774

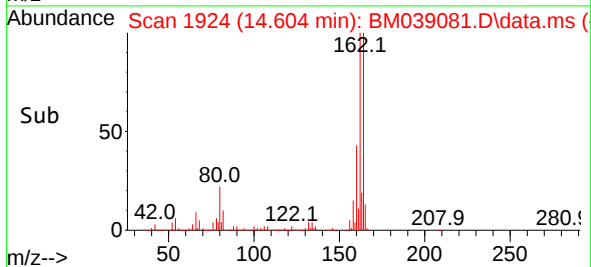
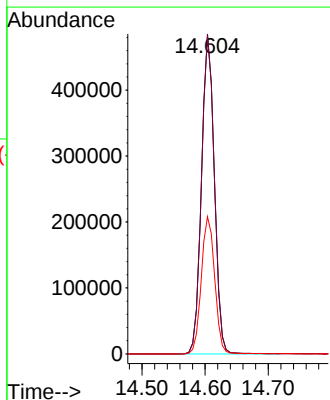
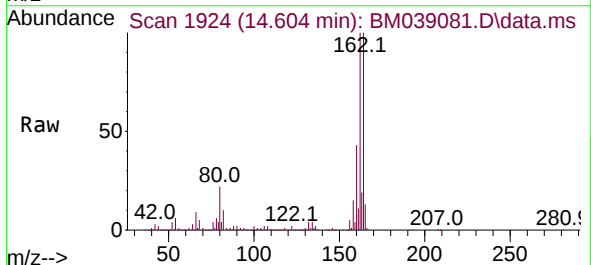
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.4	51.6
54	47.9	38.8	58.2

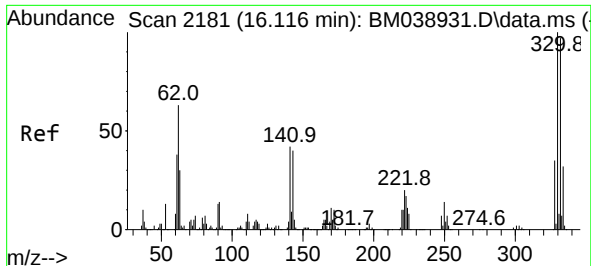


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.604 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BM039081.D
 Acq: 21 Mar 2023 22:45

Tgt Ion: 164 Resp: 683328

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.2	118.8
160	42.9	35.5	53.3

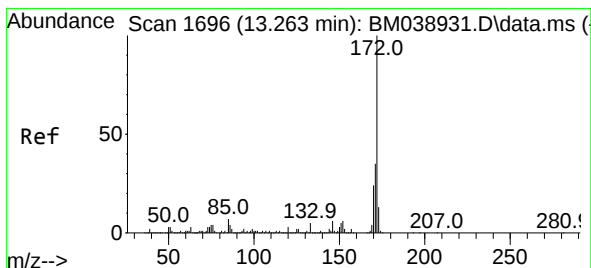
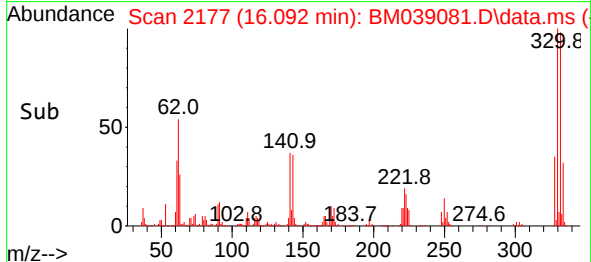
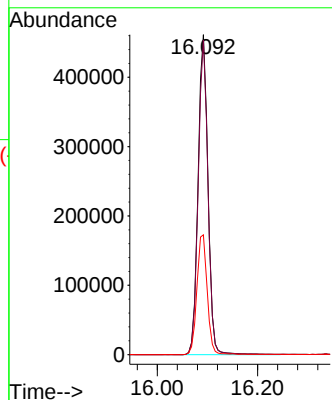
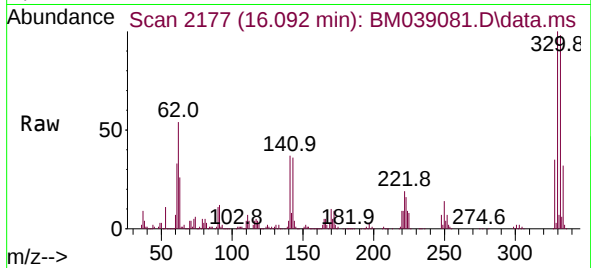




#42
2,4,6-Tribromophenol
Concen: 79.731 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

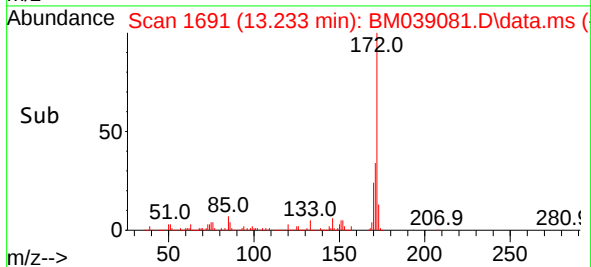
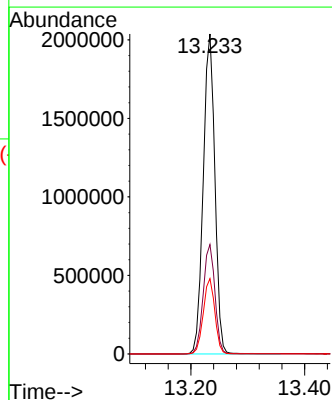
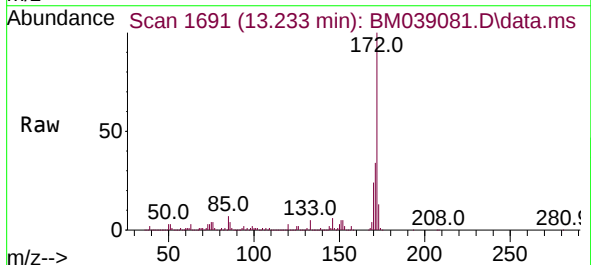
Instrument :
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ClientSampleId :
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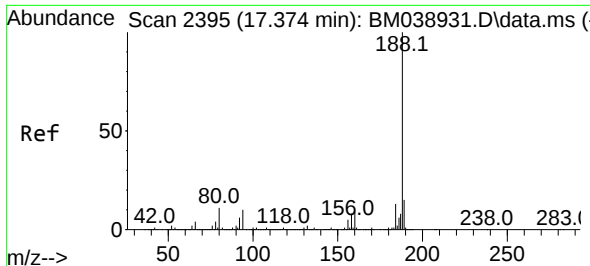
Tgt Ion:330 Resp: 630274
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 39.0 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 55.254 ng
RT: 13.233 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion:172 Resp: 2900328
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 23.5 19.1 28.7

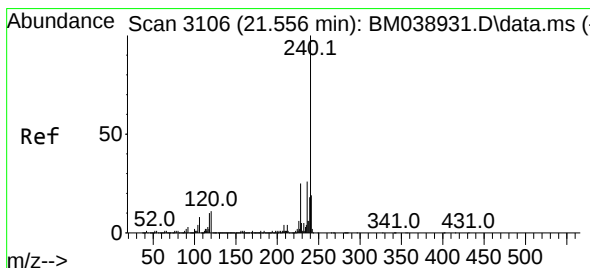
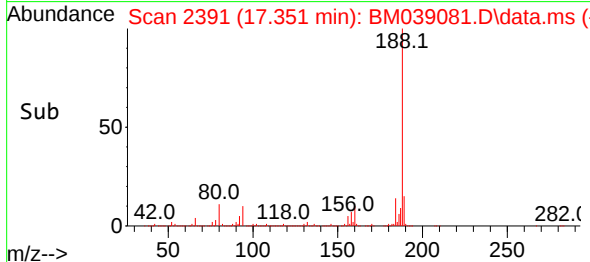
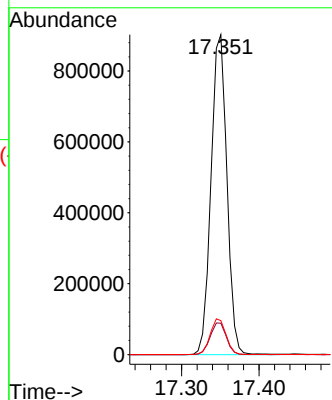
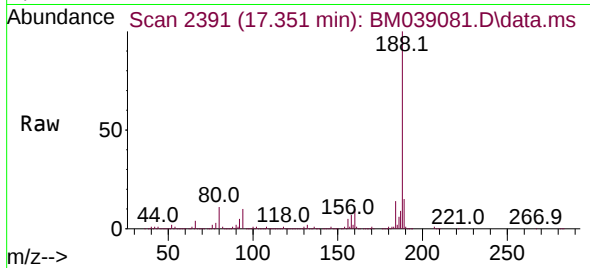




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

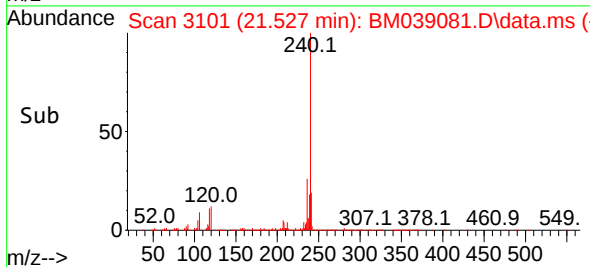
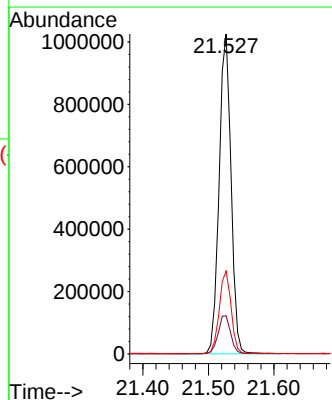
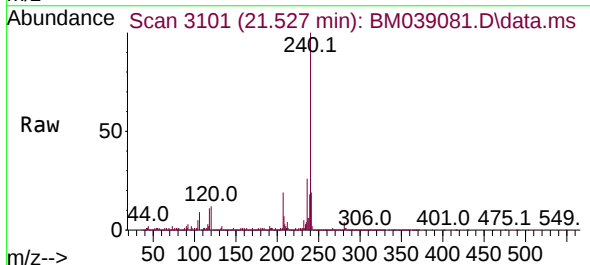
Instrument :
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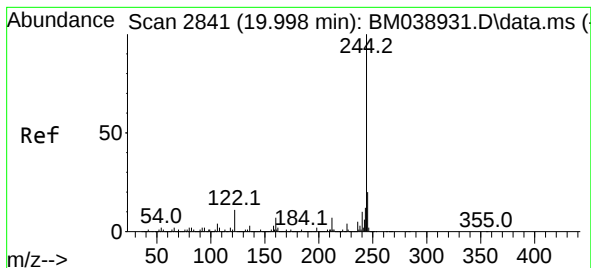
Tgt Ion:188 Resp: 1282442
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039081.D
Acq: 21 Mar 2023 22:45

Tgt Ion:240 Resp: 1297483
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 50.289 ng

RT: 19.968 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM039081.D

Acq: 21 Mar 2023 22:45

Instrument :

BNA_M

ClientSampleId :

031023-3

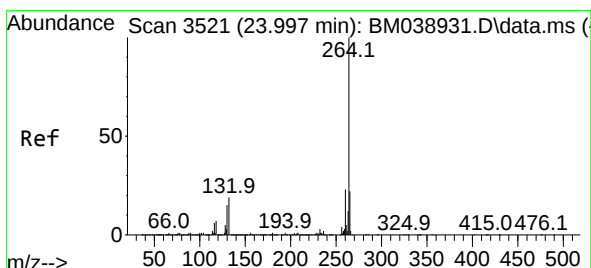
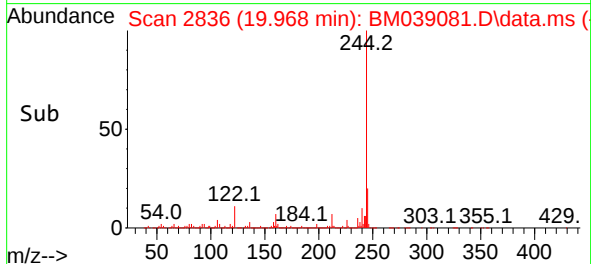
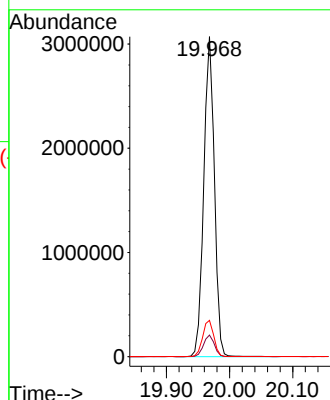
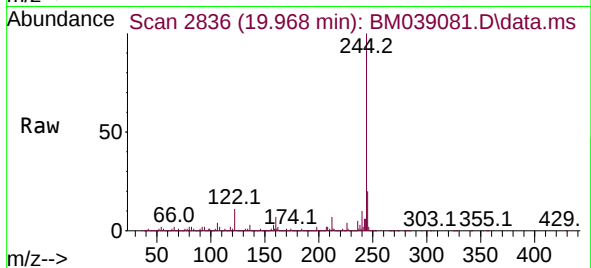
Tgt Ion:244 Resp: 3568801

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 11.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.956 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BM039081.D

Acq: 21 Mar 2023 22:45

Tgt Ion:264 Resp: 1537722

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.0 17.9 26.9

