

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039071.D
 Acq On : 21 Mar 2023 16:24
 Operator : CG/JU
 Sample : 02020-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-3

Quant Time: Mar 22 03:41:43 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	7.969	152	298508	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1145731	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	634053	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1309443	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1255206	20.000	ng	0.00
86) Perylene-d12	23.962	264	1389948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1586059	80.724	ng	0.00
7) Phenol-d6	7.128	99	2069720	81.100	ng	0.00
23) Nitrobenzene-d5	9.134	82	1206242	51.715	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	571116	77.862	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2487980	51.082	ng	0.00
79) Terphenyl-d14	19.968	244	3493229	50.882	ng	0.00

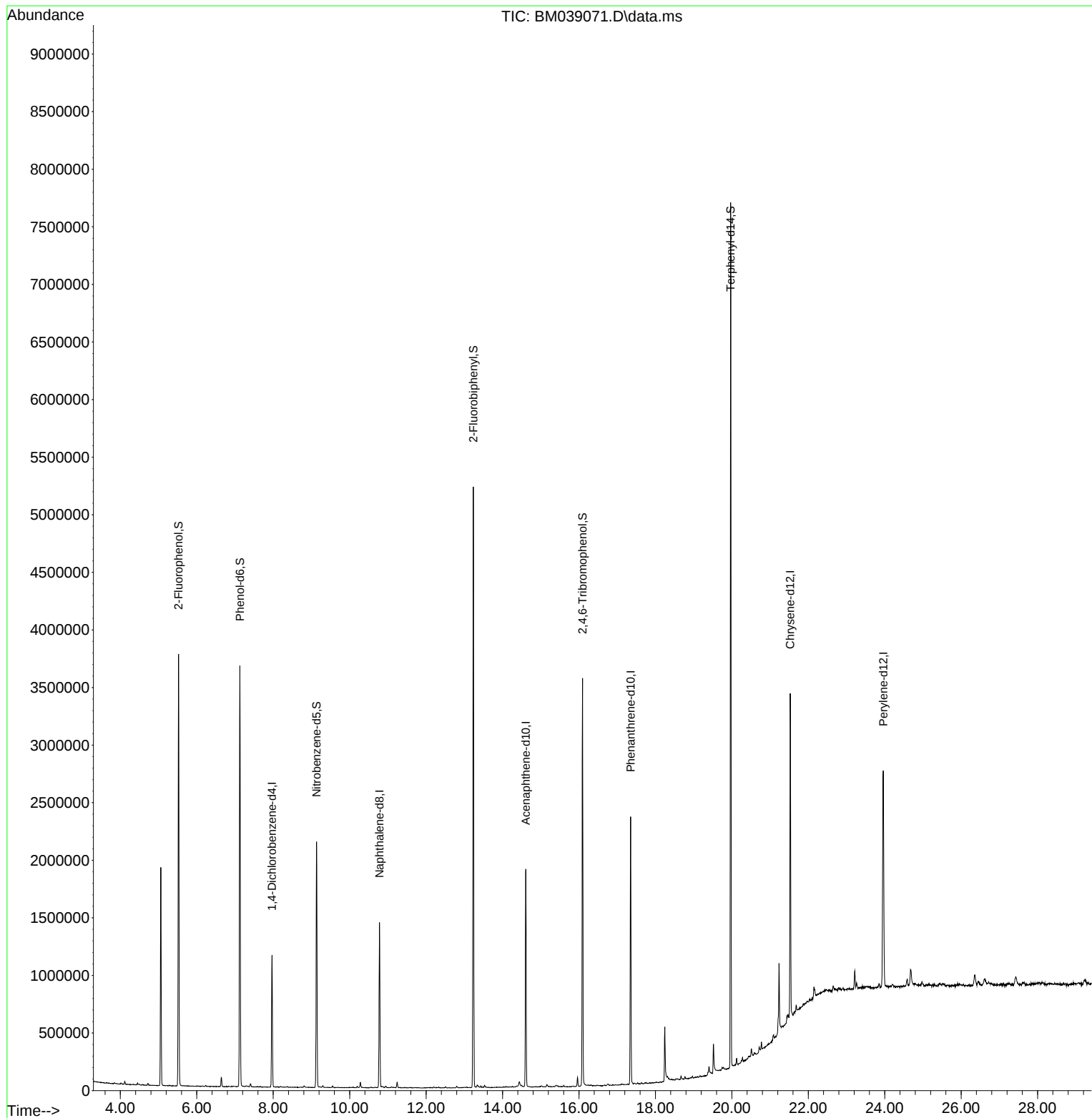
Target Compounds	Qvalue

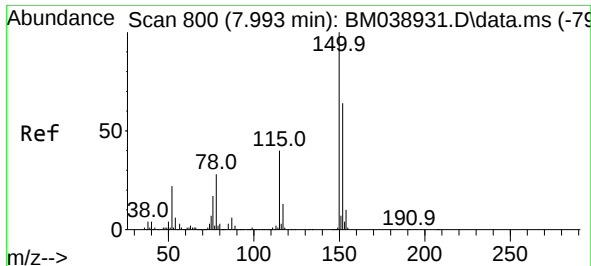
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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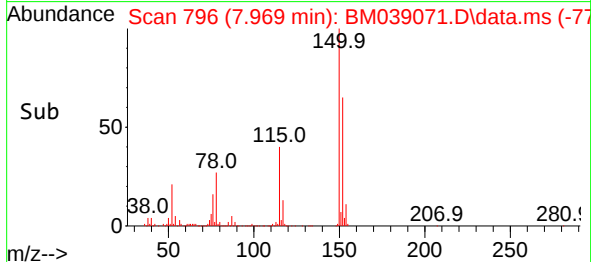
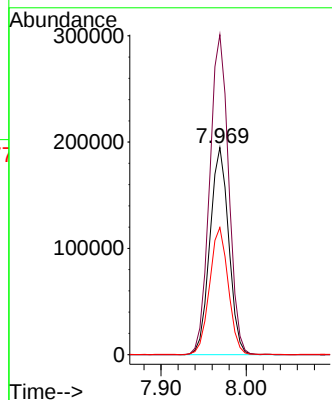
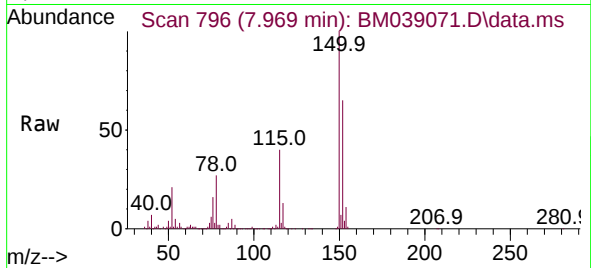




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM039071.D
 Acq: 21 Mar 2023 16:24

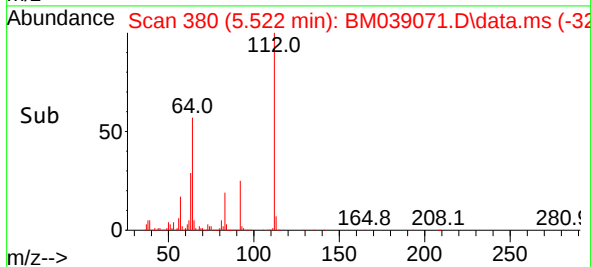
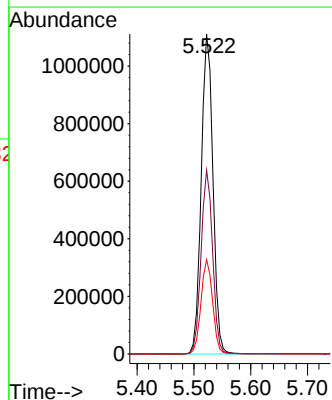
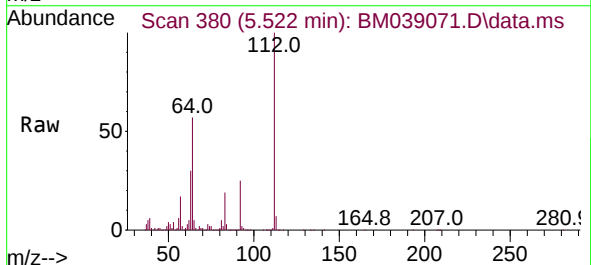
Instrument :
 BNA_M
 ClientSampleId :
 SP-3

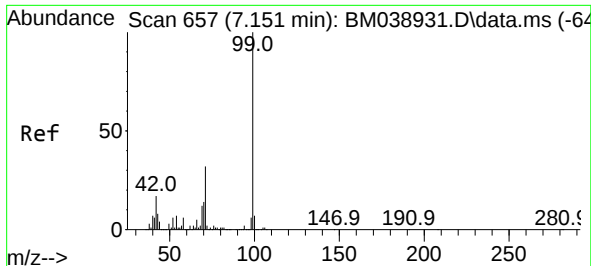
Tgt Ion:152 Resp: 298508
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.1 187.7
 115 61.4 49.6 74.4



#5
 2-Fluorophenol
 Concen: 80.724 ng
 RT: 5.522 min Scan# 380
 Delta R.T. 0.000 min
 Lab File: BM039071.D
 Acq: 21 Mar 2023 16:24

Tgt Ion:112 Resp: 1586059
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.9 68.9
 63 29.5 23.8 35.8

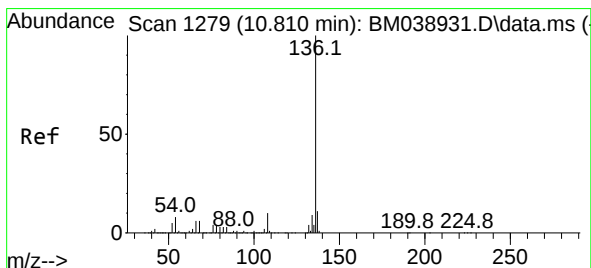
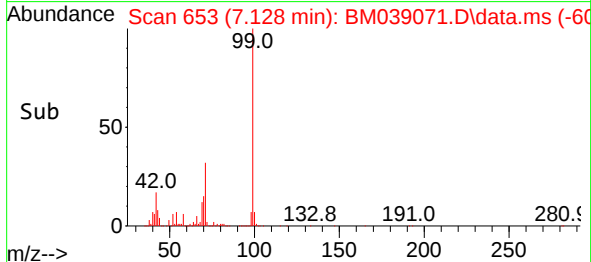
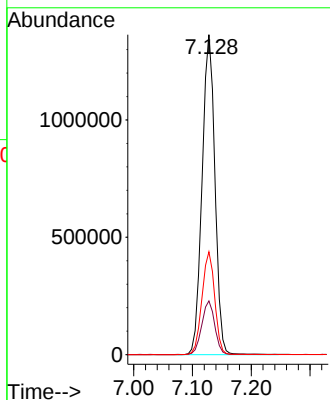
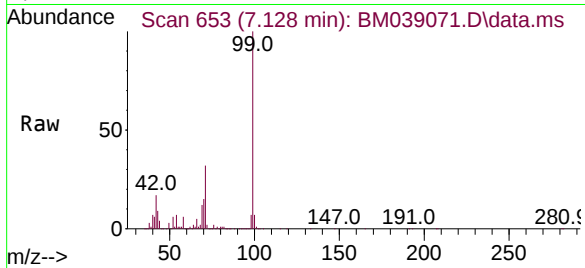




#7
Phenol-d6
Concen: 81.100 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

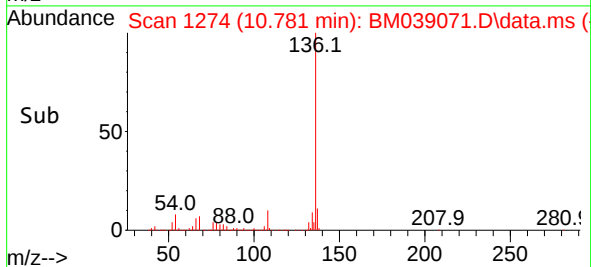
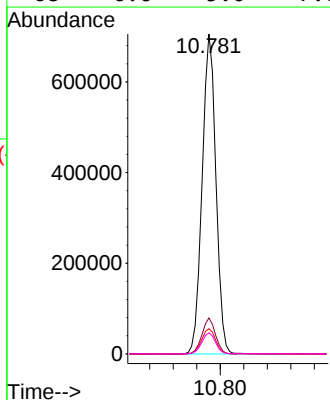
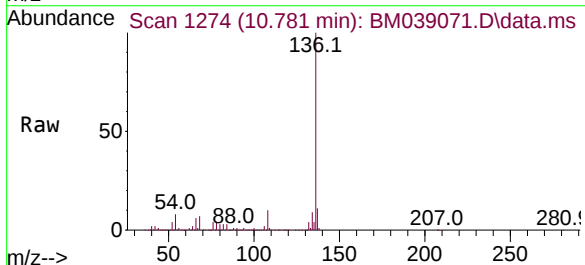
Instrument :
BNA_M
ClientSampleId :
SP-3

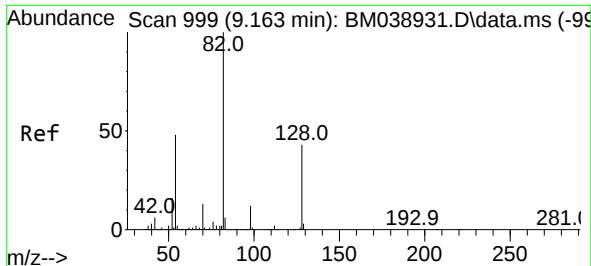
Tgt Ion: 99 Resp: 2069720
Ion Ratio Lower Upper
99 100
42 16.8 13.5 20.3
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion: 136 Resp: 1145731
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.9 6.3 9.5
68 6.6 5.0 7.6

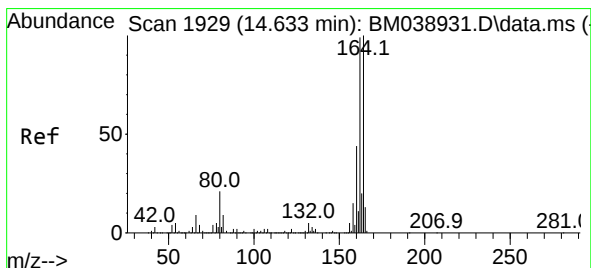
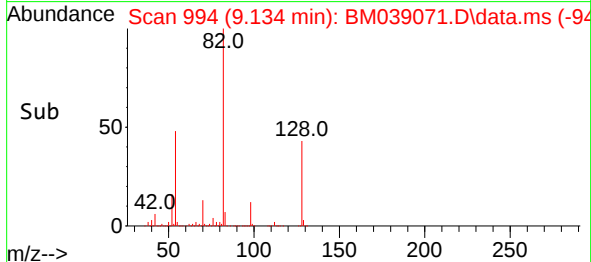
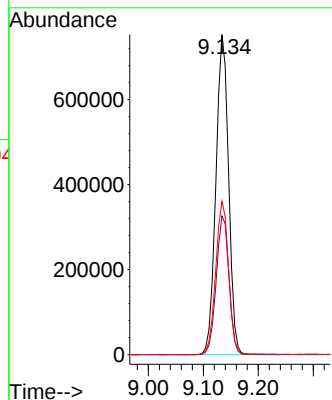
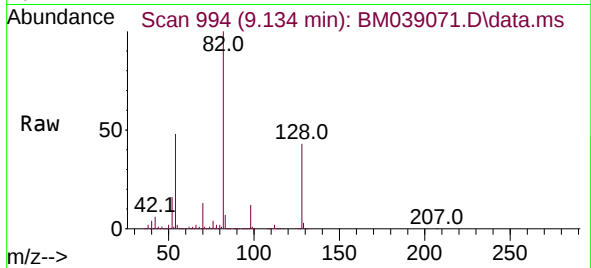




#23
Nitrobenzene-d5
Concen: 51.715 ng
RT: 9.134 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

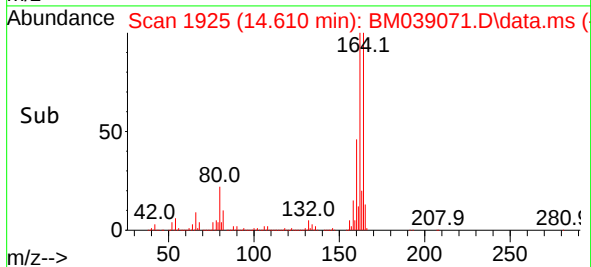
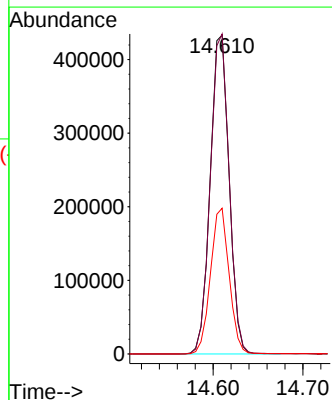
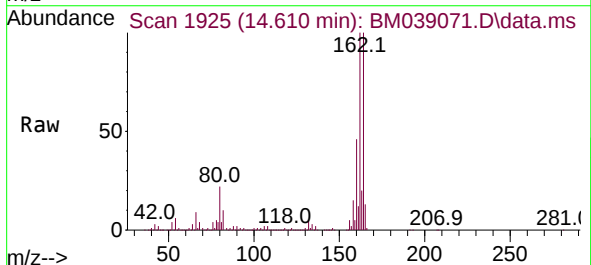
Instrument :
BNA_M
ClientSampleId :
SP-3

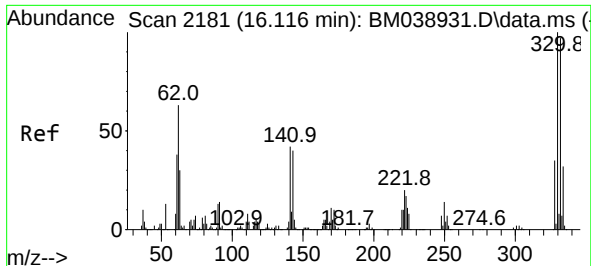
Tgt Ion: 82 Resp: 1206242
Ion Ratio Lower Upper
82 100
128 43.3 34.4 51.6
54 47.9 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion: 164 Resp: 634053
Ion Ratio Lower Upper
164 100
162 100.4 79.2 118.8
160 45.7 35.5 53.3

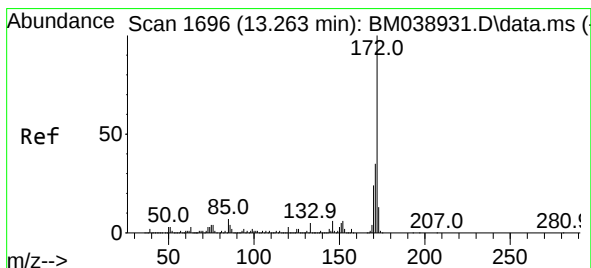
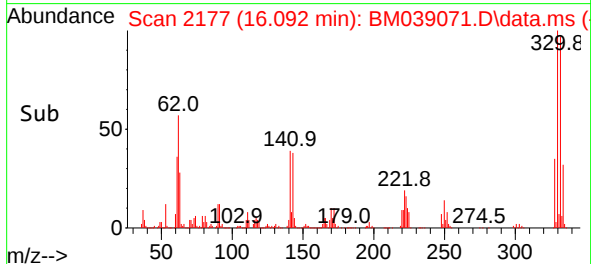
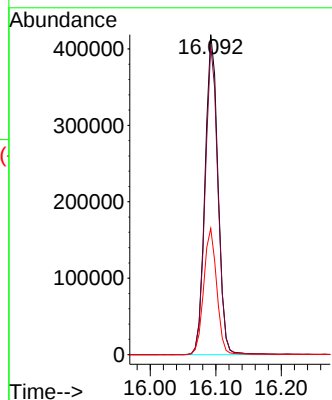
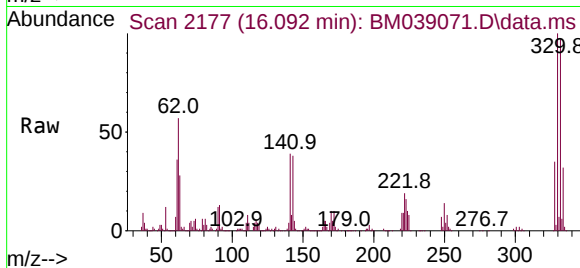




#42
2,4,6-Tribromophenol
Concen: 77.862 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

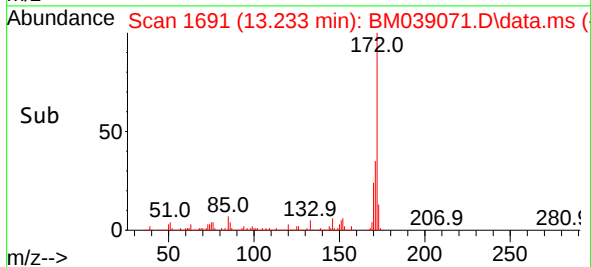
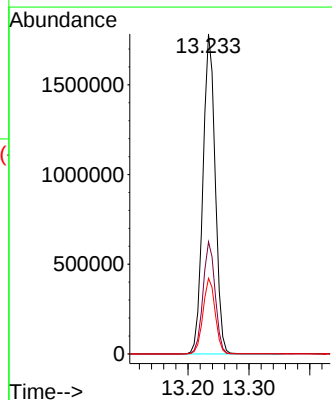
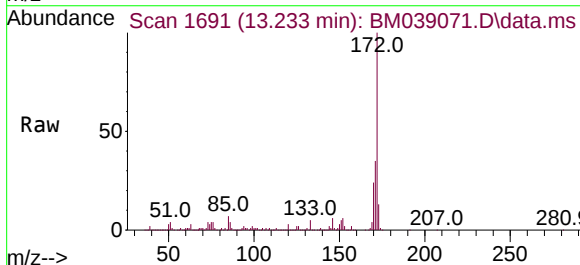
Instrument :
BNA_M
ClientSampleId :
SP-3

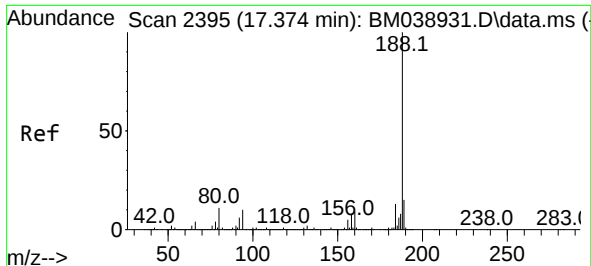
Tgt Ion:330 Resp: 571116
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 39.8 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 51.082 ng
RT: 13.233 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion:172 Resp: 2487980
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.6 19.1 28.7

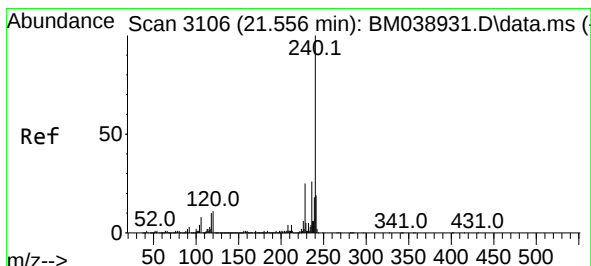
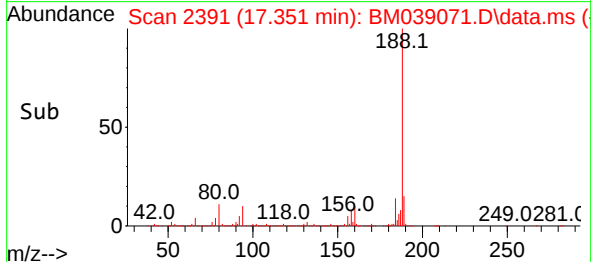
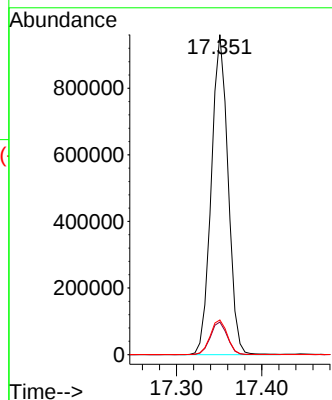
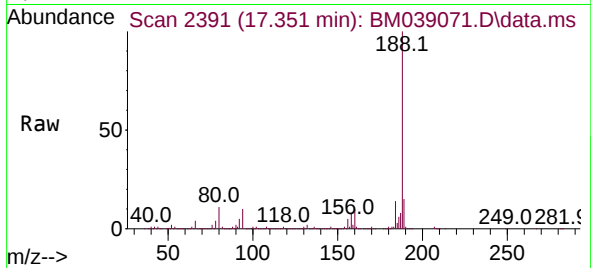




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

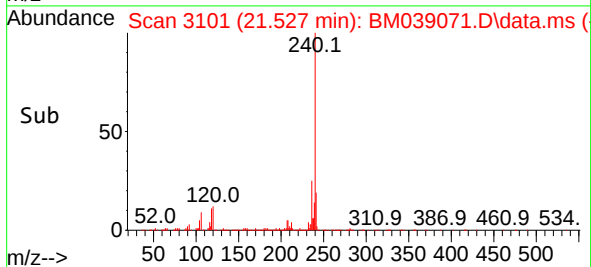
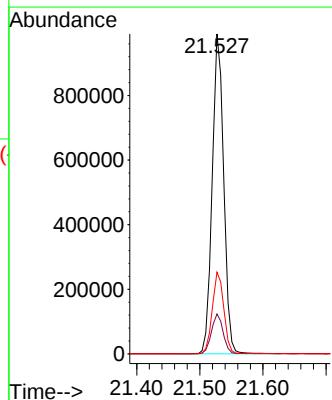
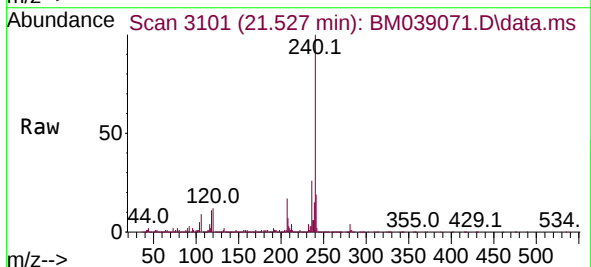
Instrument :
BNA_M
ClientSampleId :
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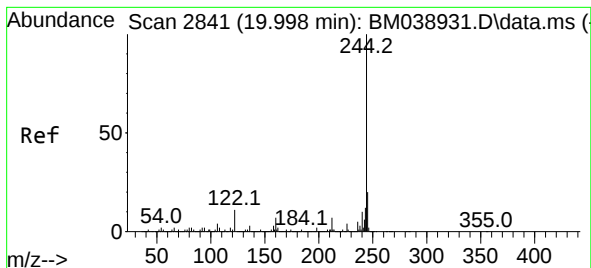
Tgt Ion:188 Resp: 1309443
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.8 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039071.D
Acq: 21 Mar 2023 16:24

Tgt Ion:240 Resp: 1255206
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.5 20.8 31.2





#79

Terphenyl-d14

Concen: 50.882 ng

RT: 19.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039071.D

Acq: 21 Mar 2023 16:24

Instrument :

BNA_M

ClientSampleId :

SP-3

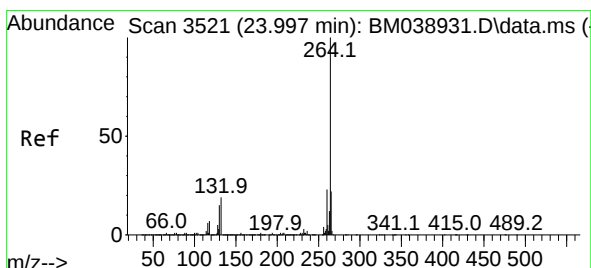
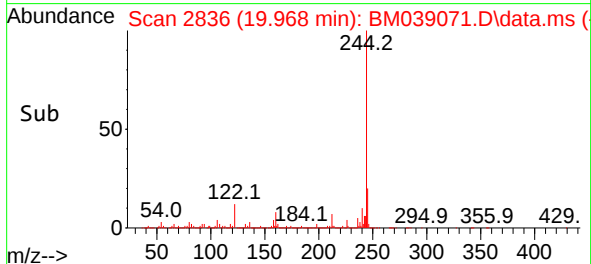
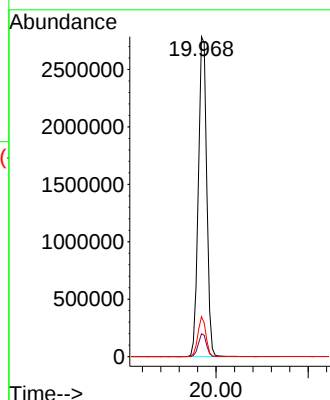
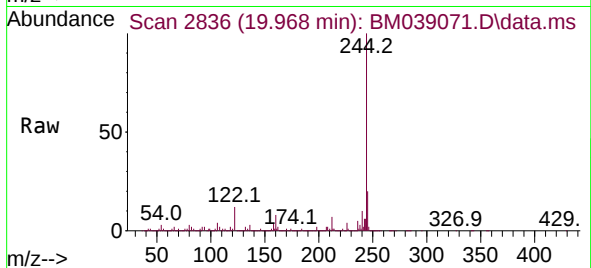
Tgt Ion:244 Resp: 3493229

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM039071.D

Acq: 21 Mar 2023 16:24

Tgt Ion:264 Resp: 1389948

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.5 17.9 26.9

