

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039144.D
 Acq On : 24 Mar 2023 16:35
 Operator : CG/JU
 Sample : 02047-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R-PIT

Quant Time: Mar 25 01:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	244384	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	975088	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	561619	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1172207	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1065680	20.000	ng	0.00
86) Perylene-d12	23.945	264	1174102	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1698046	105.564	ng	0.00
7) Phenol-d6	7.116	99	2190468	104.840	ng	0.00
23) Nitrobenzene-d5	9.122	82	1349146	67.965	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	729530	112.287	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2796804	64.828	ng	0.00
79) Terphenyl-d14	19.962	244	3945171	67.685	ng	0.00

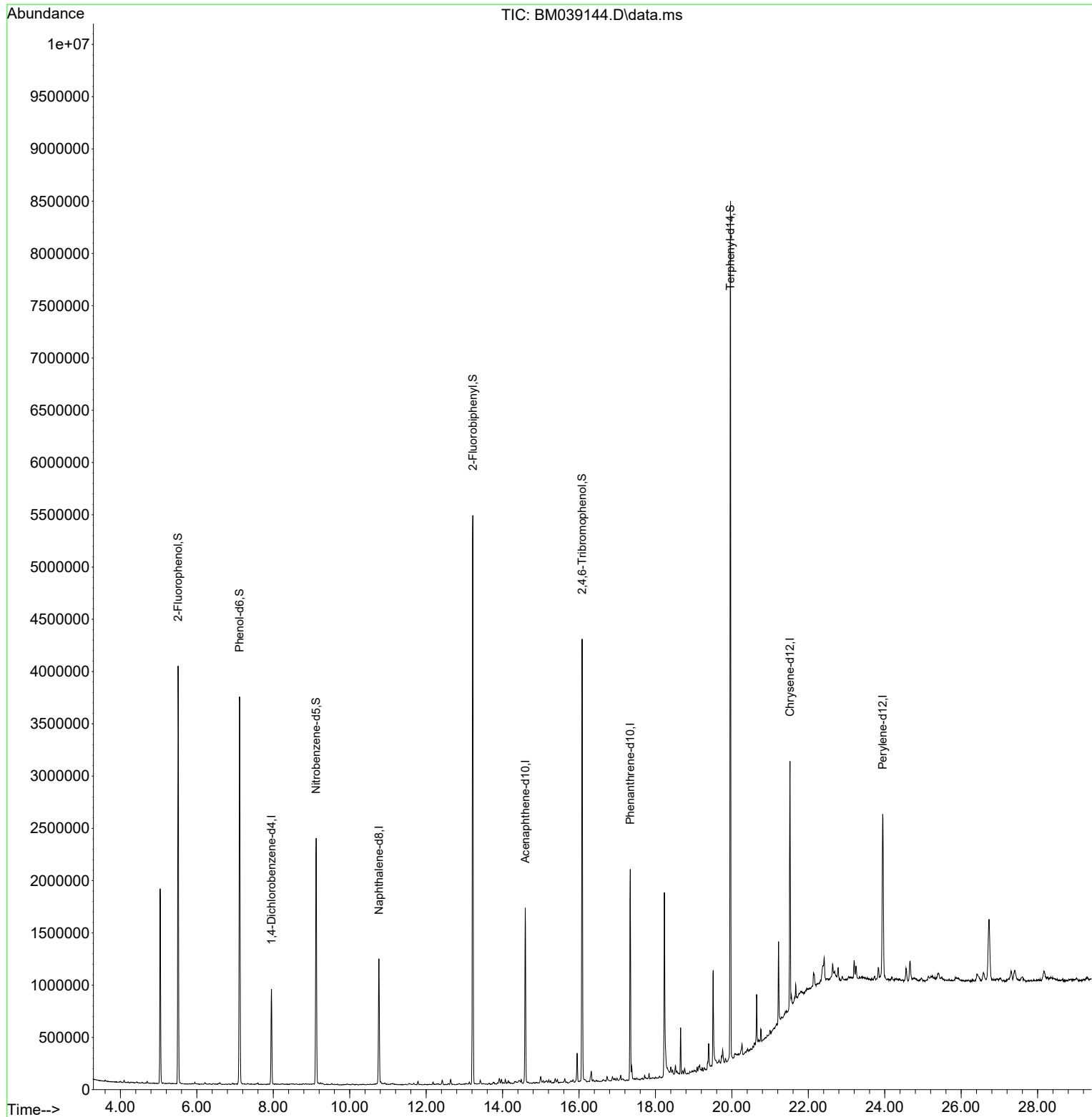
Target Compounds	Qvalue

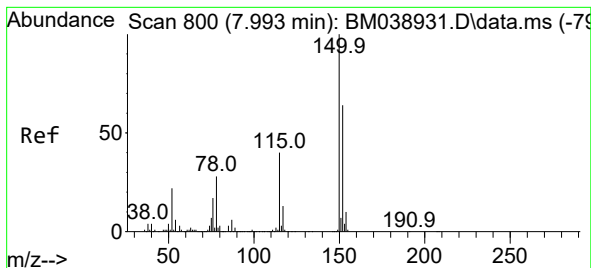
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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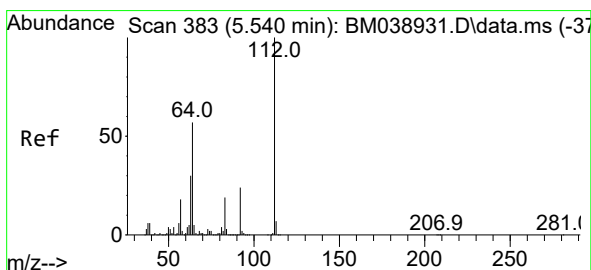
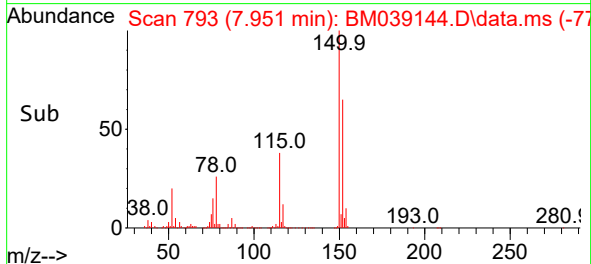
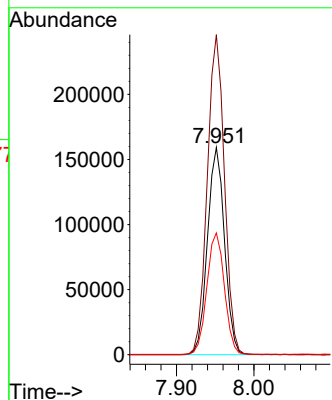
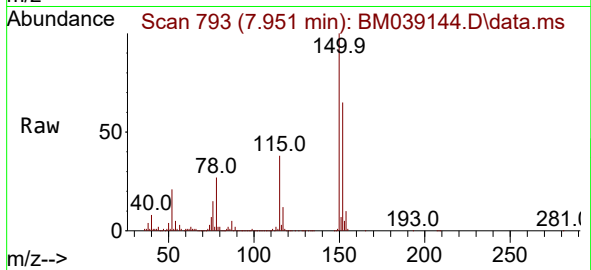




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

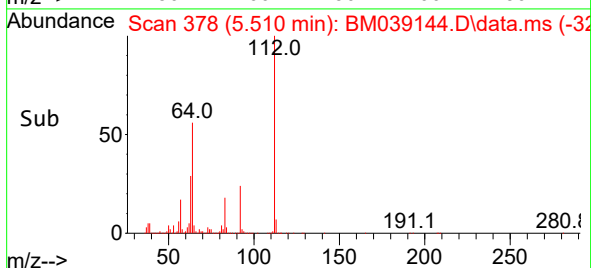
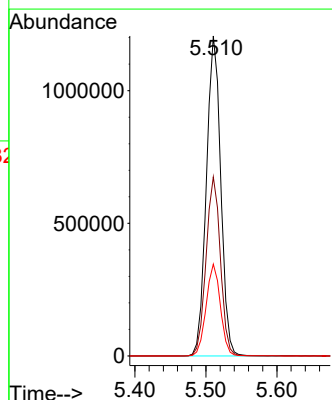
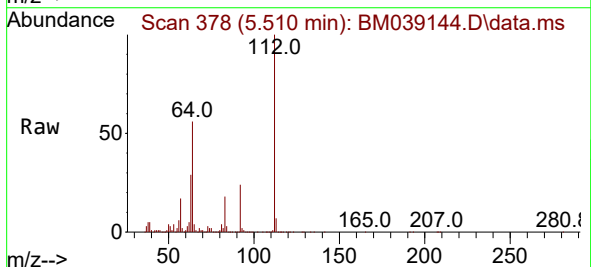
Instrument :
BNA_M
ClientSampleId :
R-PIT

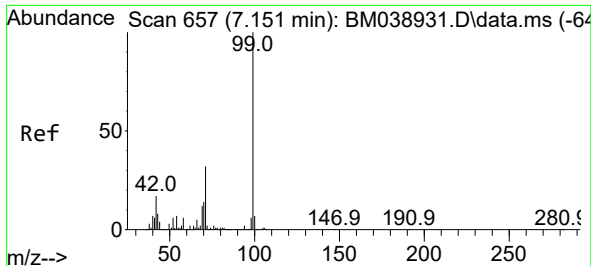
Tgt Ion:152 Resp: 244384
Ion Ratio Lower Upper
152 100
150 154.5 125.1 187.7
115 58.8 49.6 74.4



#5
2-Fluorophenol
Concen: 105.564 ng
RT: 5.510 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

Tgt Ion:112 Resp: 1698046
Ion Ratio Lower Upper
112 100
64 56.0 45.9 68.9
63 28.7 23.8 35.8

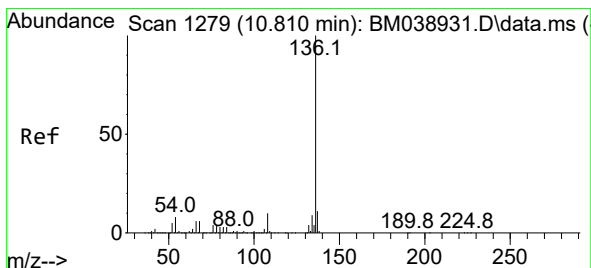
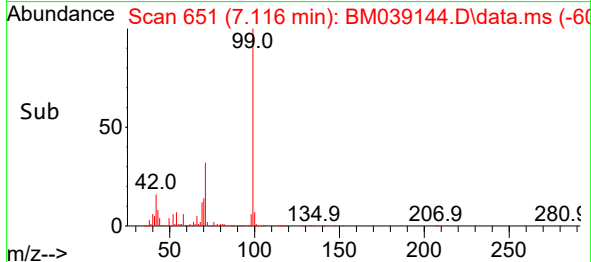
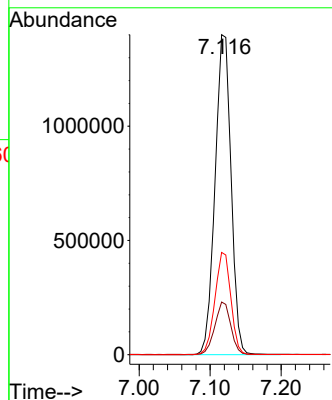
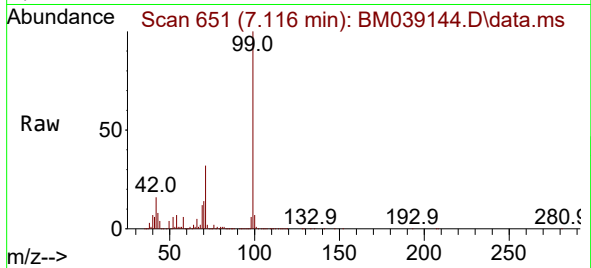




#7
Phenol-d6
Concen: 104.840 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

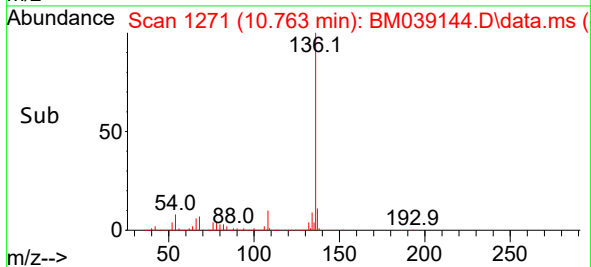
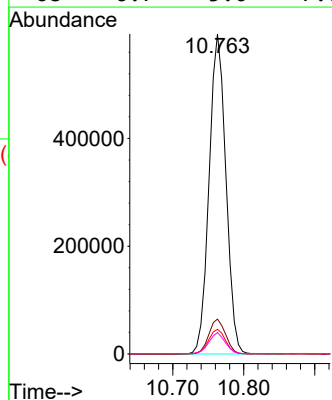
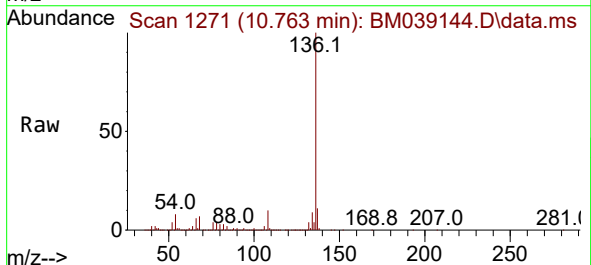
Instrument :
BNA_M
ClientSampleId :
R-PIT

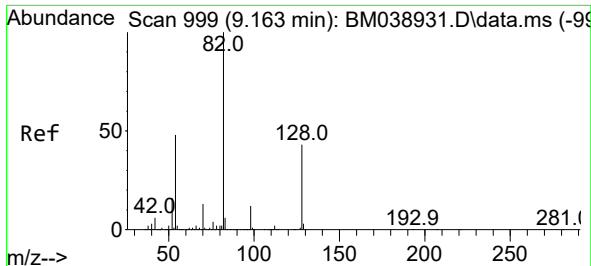
Tgt Ion: 99 Resp: 2190468
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

Tgt Ion: 136 Resp: 975088
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.3 9.5
68 6.7 5.0 7.6

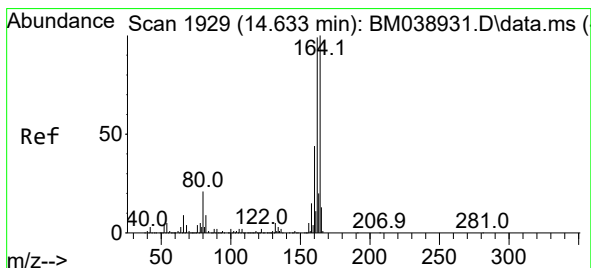
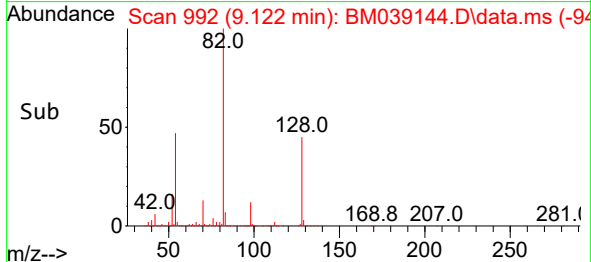
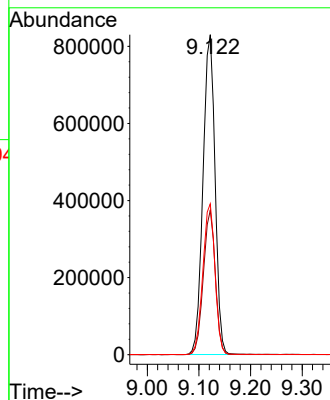
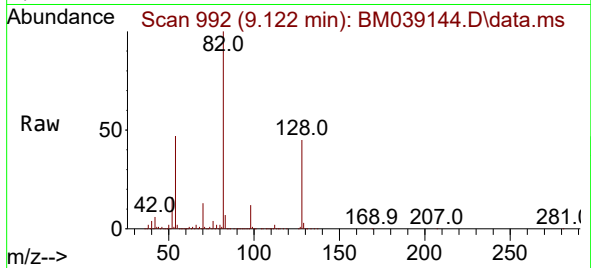




#23
Nitrobenzene-d5
Concen: 67.965 ng
RT: 9.122 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

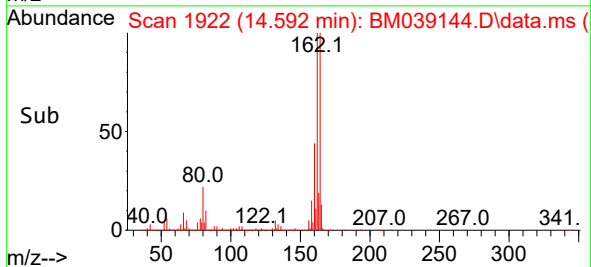
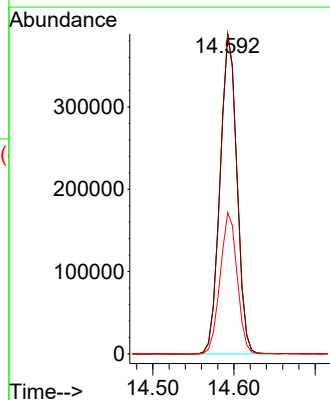
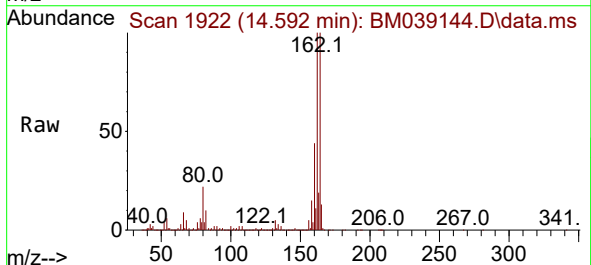
Instrument :
BNA_M
ClientSampleId :
R-PIT

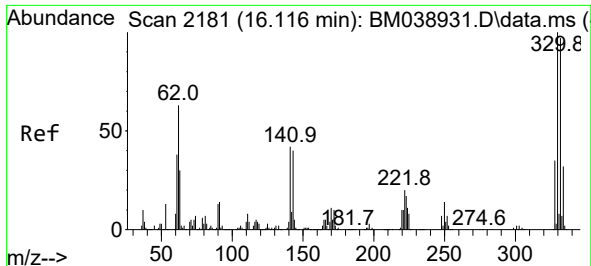
Tgt Ion: 82 Resp: 1349146
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 47.2 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

Tgt Ion: 164 Resp: 561619
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.2 35.5 53.3

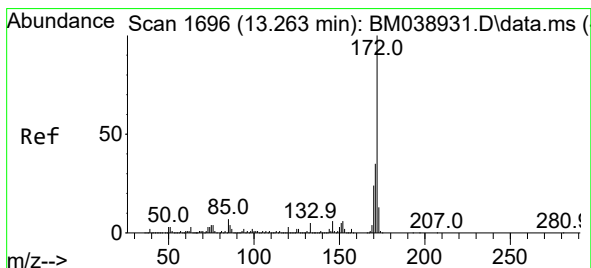
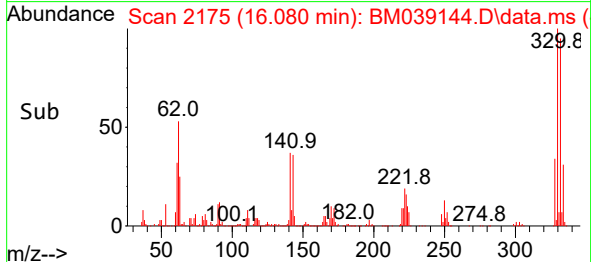
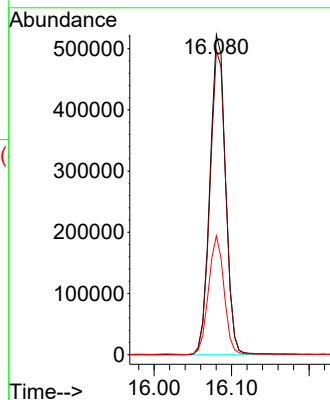
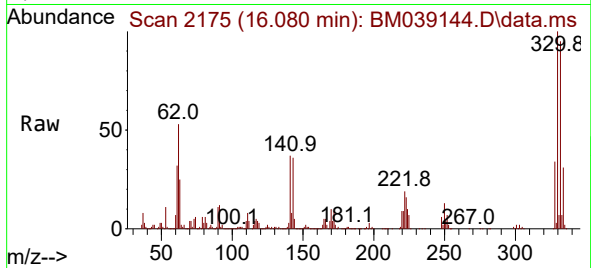




#42
2,4,6-Tribromophenol
Concen: 112.287 ng
RT: 16.080 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

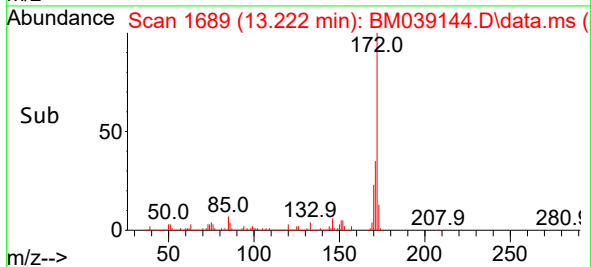
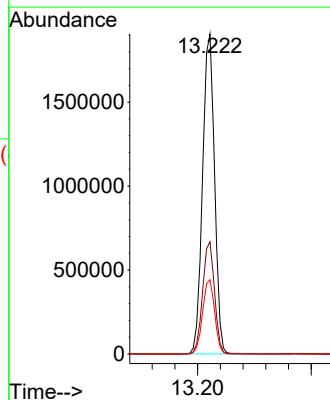
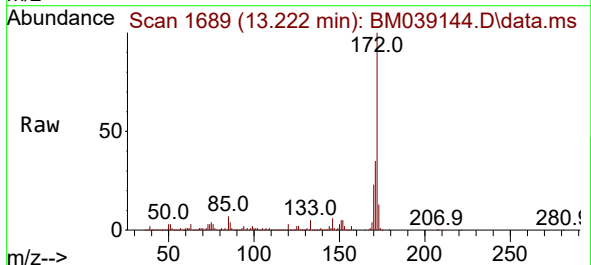
Instrument :
BNA_M
ClientSampleId :
R-PIT

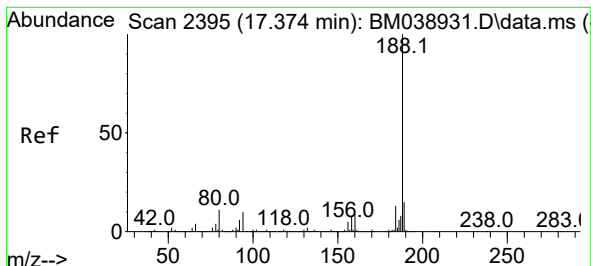
Tgt Ion:330 Resp: 729530
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 36.9 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 64.828 ng
RT: 13.222 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM039144.D
Acq: 24 Mar 2023 16:35

Tgt Ion:172 Resp: 2796804
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039144.D

Acq: 24 Mar 2023 16:35

Instrument :

BNA_M

ClientSampleId :

R-PIT

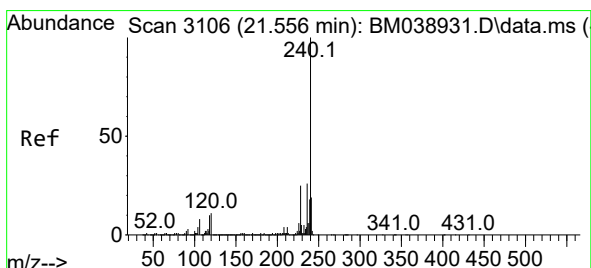
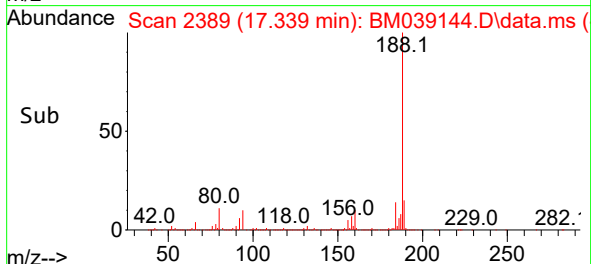
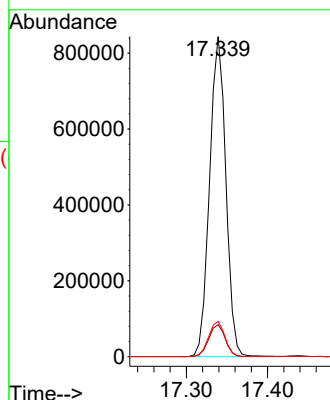
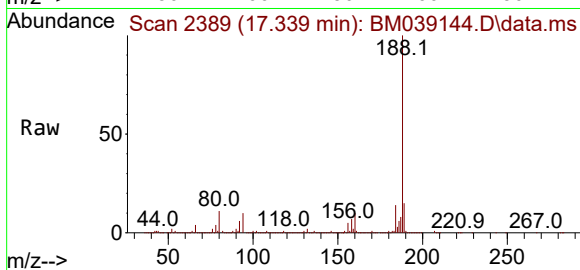
Tgt Ion:188 Resp: 1172207

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.0 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM039144.D

Acq: 24 Mar 2023 16:35

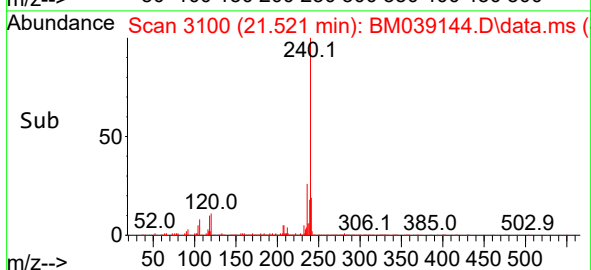
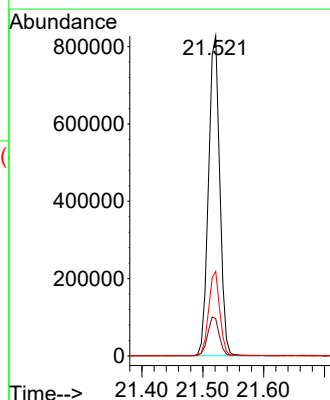
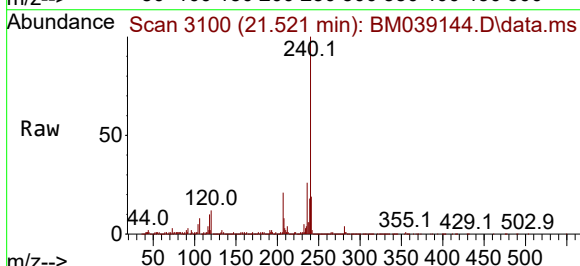
Tgt Ion:240 Resp: 1065680

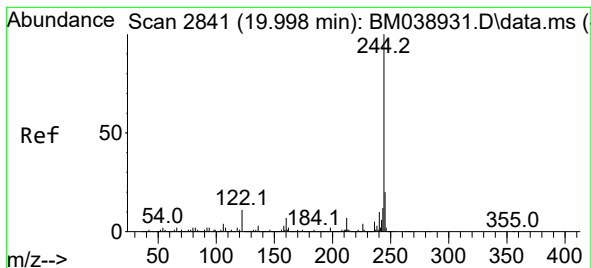
Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 67.685 ng

RT: 19.962 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM039144.D

Acq: 24 Mar 2023 16:35

Instrument :

BNA_M

ClientSampleId :

R-PIT

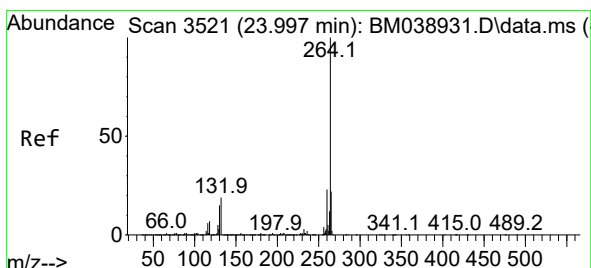
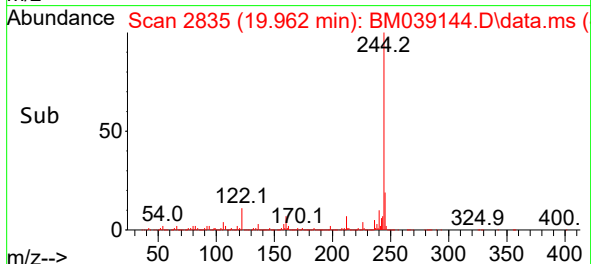
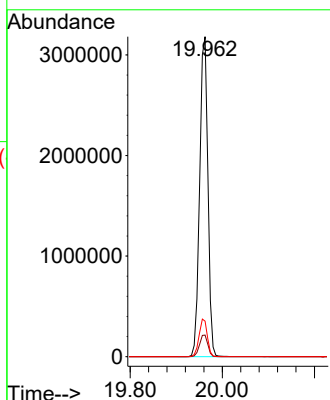
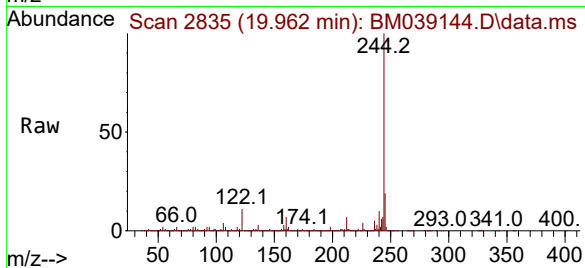
Tgt Ion:244 Resp: 3945171

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.945 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BM039144.D

Acq: 24 Mar 2023 16:35

Tgt Ion:264 Resp: 1174102

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.7 17.9 26.9

