

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039187.D
 Acq On : 28 Mar 2023 19:46
 Operator : CG/JU
 Sample : 02107-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC01

Quant Time: Mar 29 01:31:54 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 29 01:28:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	316024	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1250065	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	732909	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1523436	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1267556	20.000	ng	0.00
86) Perylene-d12	23.927	264	1169835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2993119	143.895	ng	0.00
7) Phenol-d6	7.105	99	3536008	130.875	ng	0.00
23) Nitrobenzene-d5	9.104	82	2458058	96.589	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1389683	163.905	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	4980681	88.467	ng	0.00
79) Terphenyl-d14	19.951	244	7216210	104.087	ng	0.00

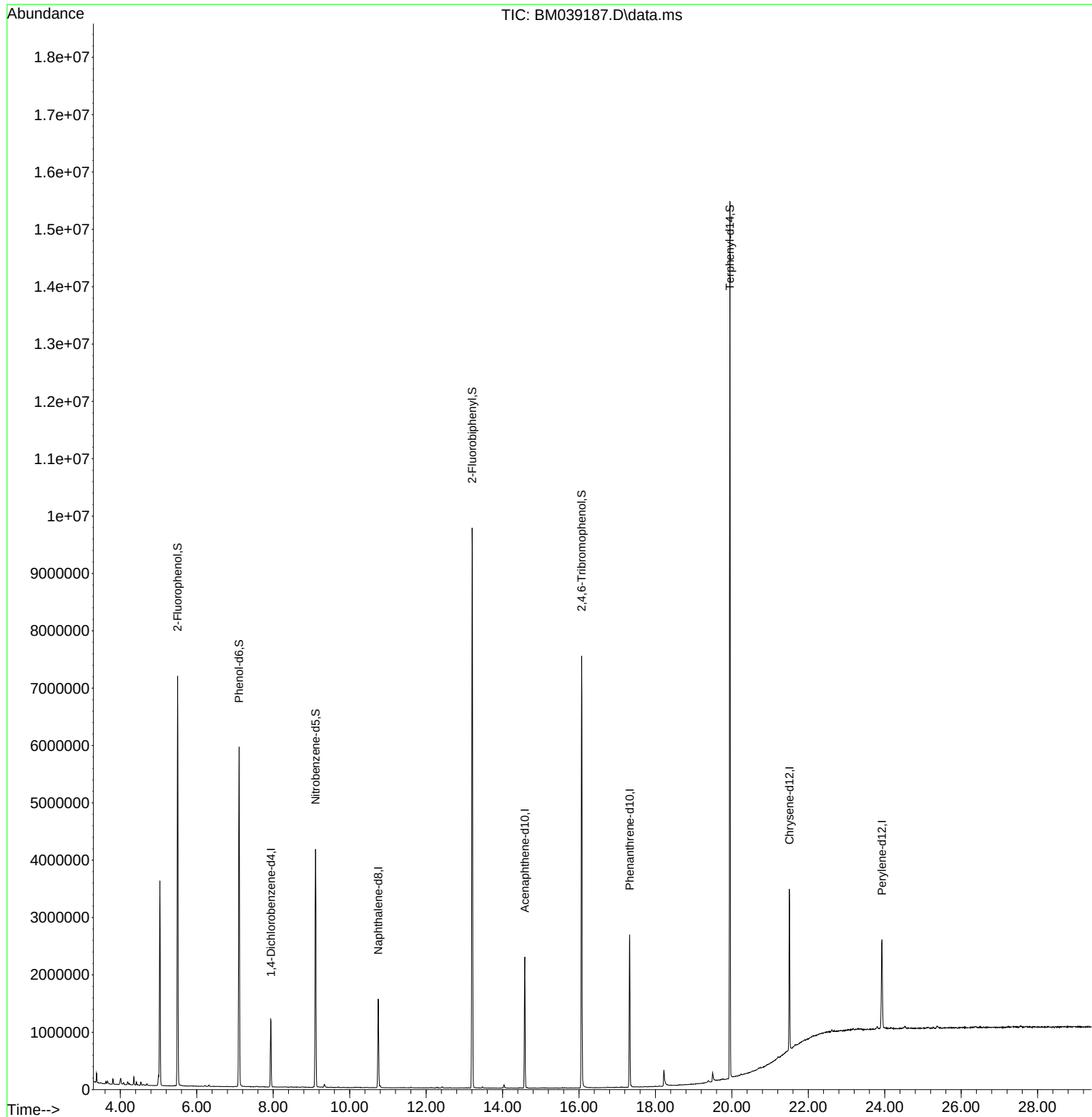
Target Compounds	Qvalue

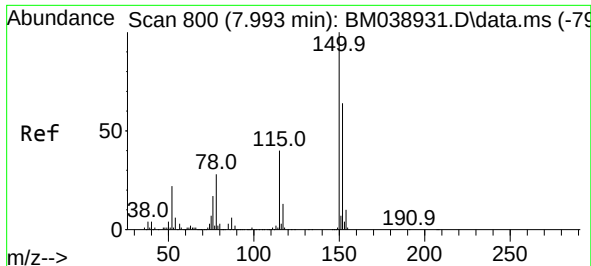
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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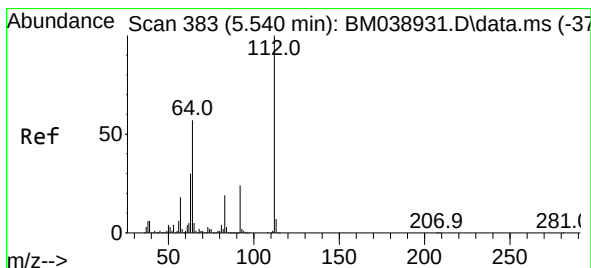
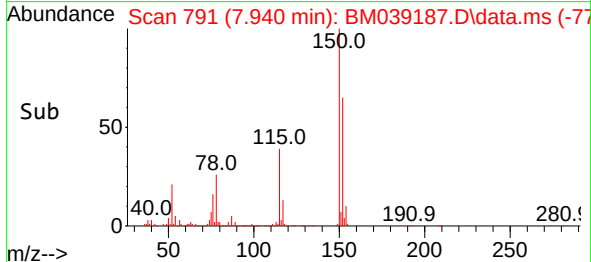
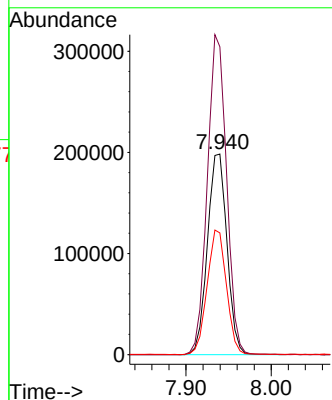
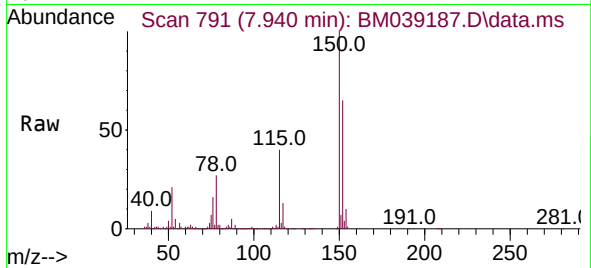




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 79
Delta R.T. 0.001 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

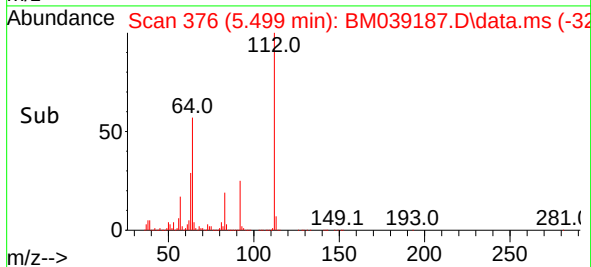
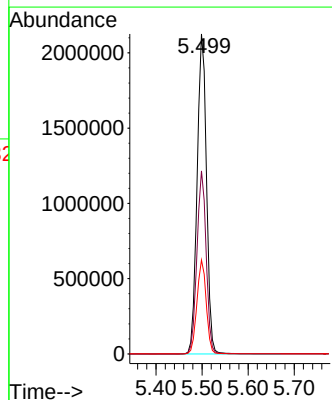
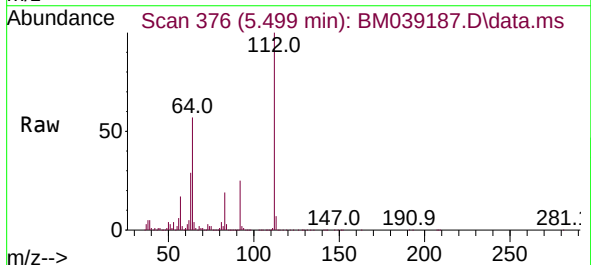
Instrument :
BNA_M
ClientSampleId :
WC01

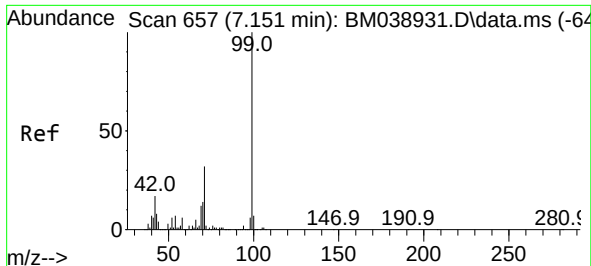
Tgt Ion:152 Resp: 316024
Ion Ratio Lower Upper
152 100
150 153.4 125.1 187.7
115 60.7 49.6 74.4



#5
2-Fluorophenol
Concen: 143.895 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion:112 Resp: 2993119
Ion Ratio Lower Upper
112 100
64 57.2 45.9 68.9
63 29.3 23.8 35.8

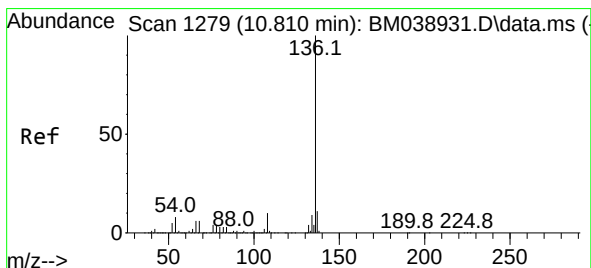
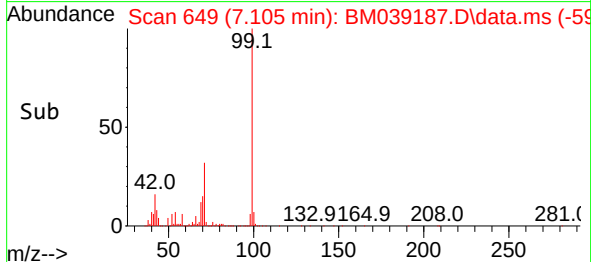
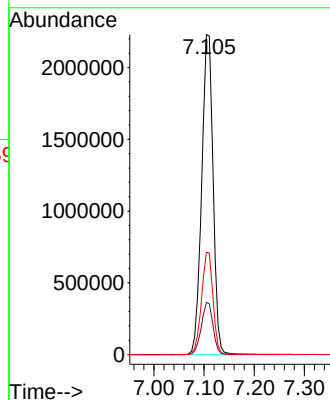
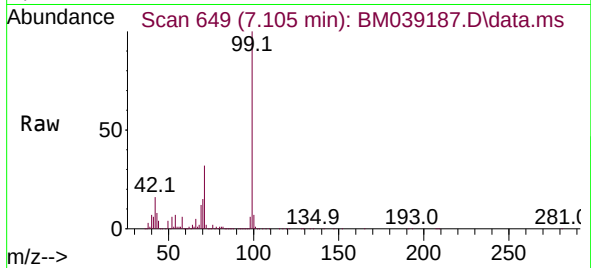




#7
Phenol-d6
Concen: 130.875 ng
RT: 7.105 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

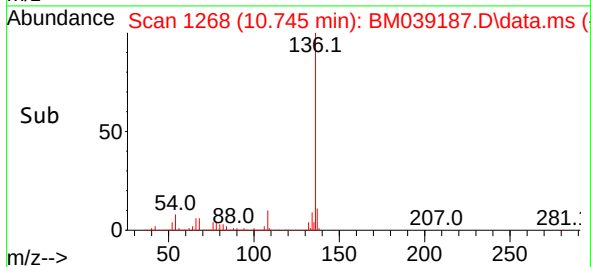
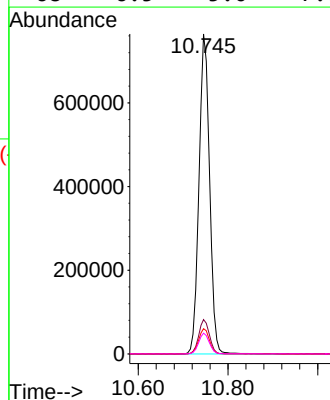
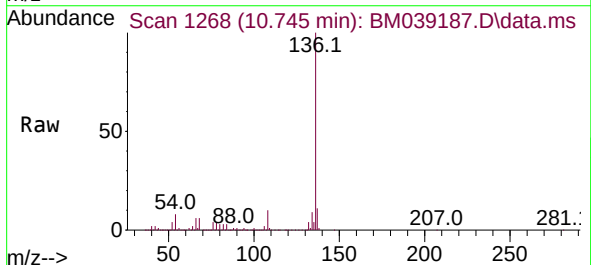
Instrument :
BNA_M
ClientSampleId :
WC01

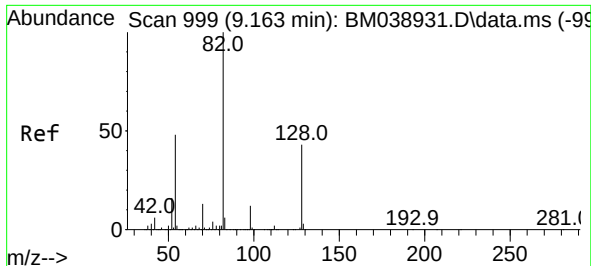
Tgt Ion: 99 Resp: 3536008
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion: 136 Resp: 1250065
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.9 6.3 9.5
68 6.5 5.0 7.6

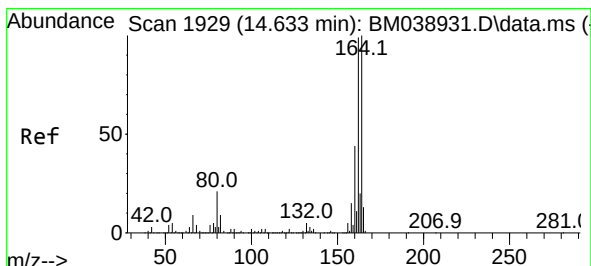
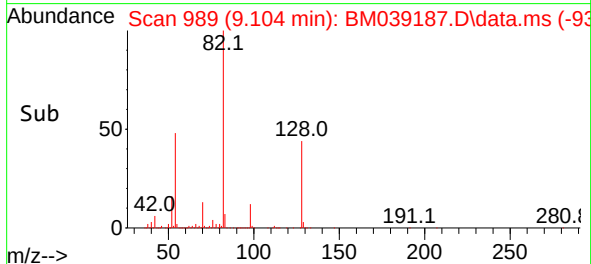
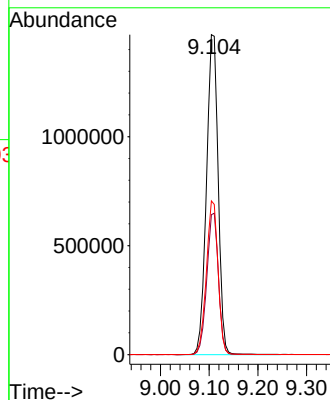
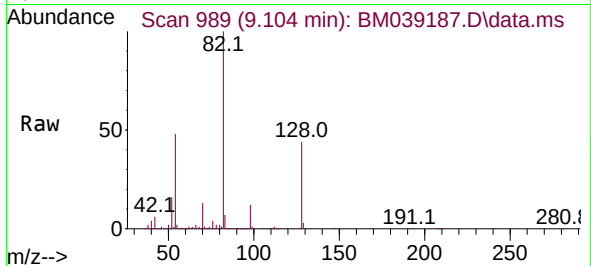




#23
 Nitrobenzene-d5
 Concen: 96.589 ng
 RT: 9.104 min Scan# 989
 Delta R.T. -0.006 min
 Lab File: BM039187.D
 Acq: 28 Mar 2023 19:46

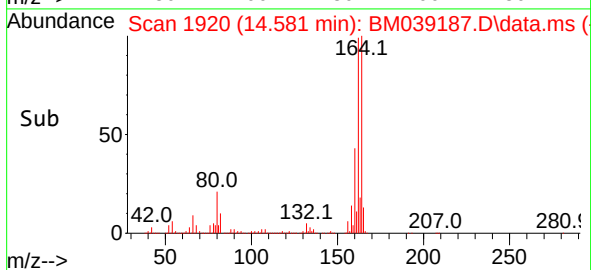
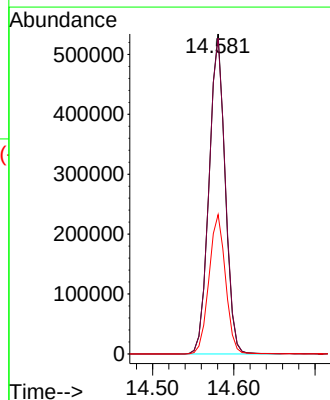
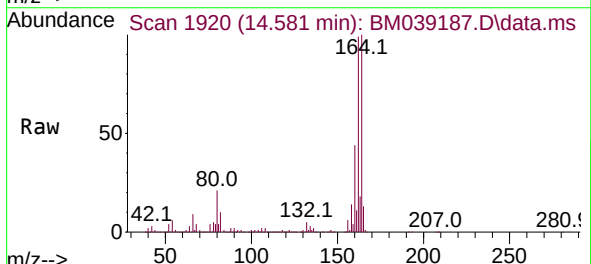
Instrument :
 BNA_M
 ClientSampleId :
 WC01

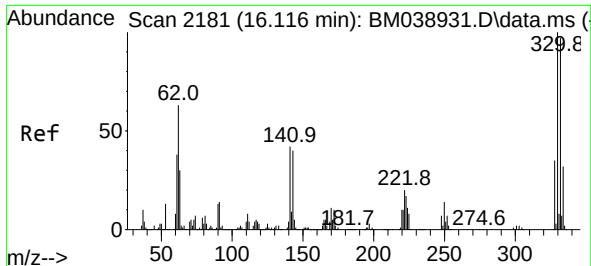
Tgt Ion: 82 Resp: 2458058
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.4 51.6
 54 48.0 38.8 58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.581 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BM039187.D
 Acq: 28 Mar 2023 19:46

Tgt Ion: 164 Resp: 732909
 Ion Ratio Lower Upper
 164 100
 162 98.7 79.2 118.8
 160 43.5 35.5 53.3

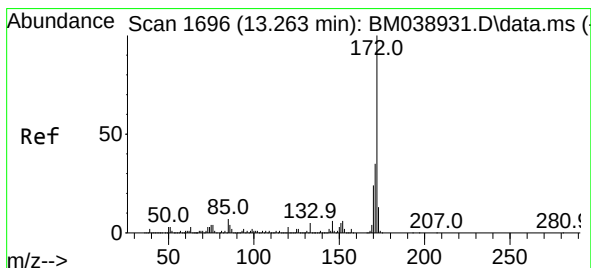
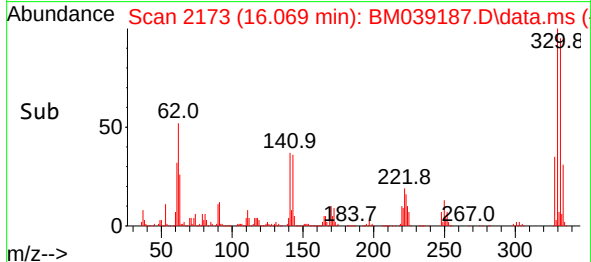
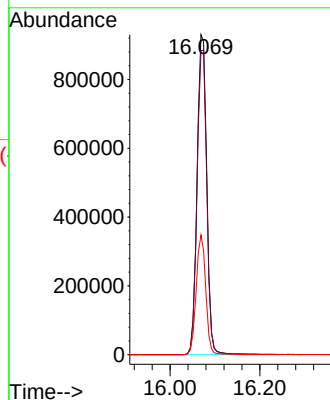
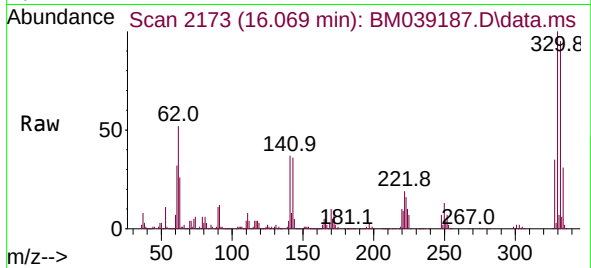




#42
2,4,6-Tribromophenol
Concen: 163.905 ng
RT: 16.069 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

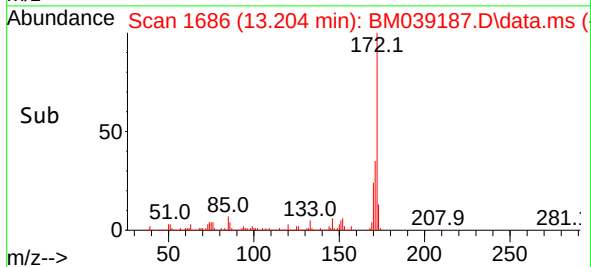
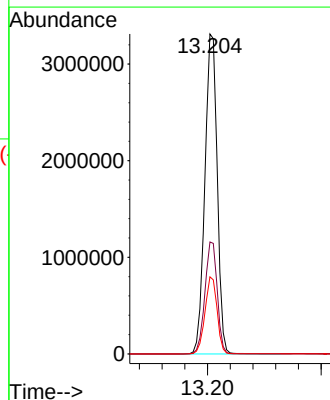
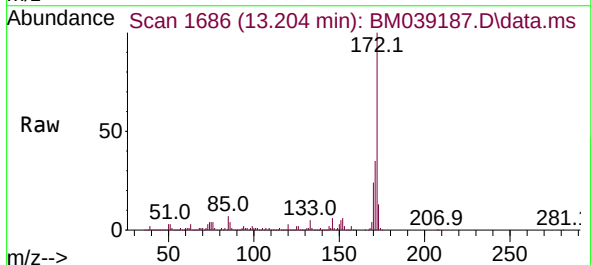
Instrument :
BNA_M
ClientSampleId :
WC01

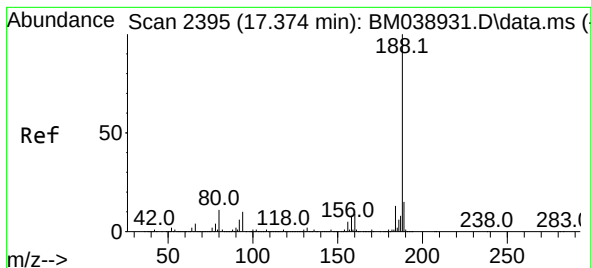
Tgt Ion:330 Resp: 1389683
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 36.8 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 88.467 ng
RT: 13.204 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM039187.D
Acq: 28 Mar 2023 19:46

Tgt Ion:172 Resp: 4980681
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 24.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2395

Delta R.T. 0.000 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

Instrument :

BNA_M

ClientSampleId :

WC01

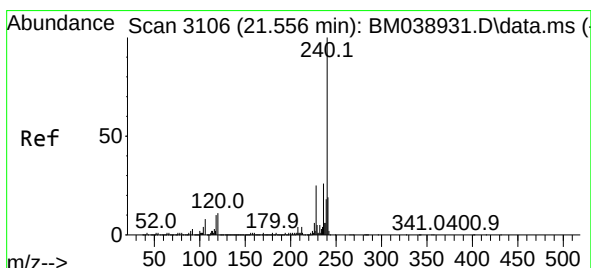
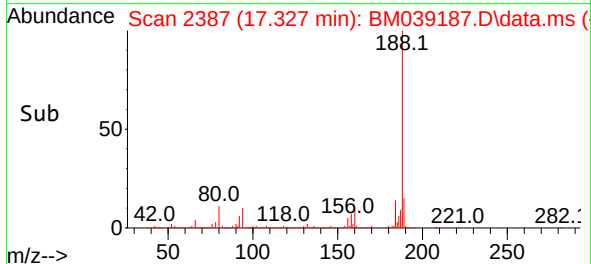
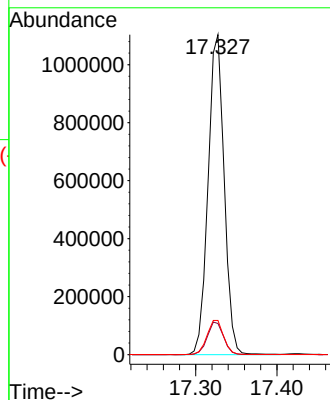
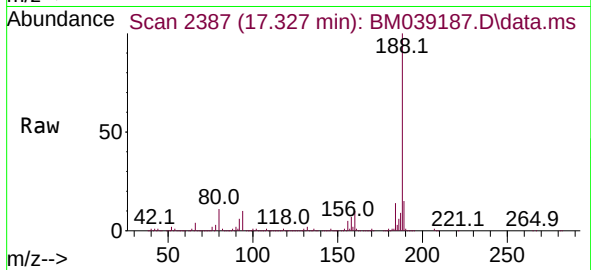
Tgt Ion:188 Resp: 1523436

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM039187.D

Acq: 28 Mar 2023 19:46

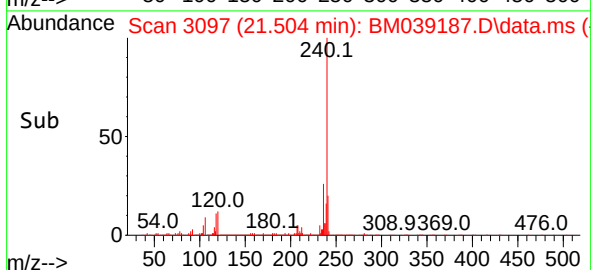
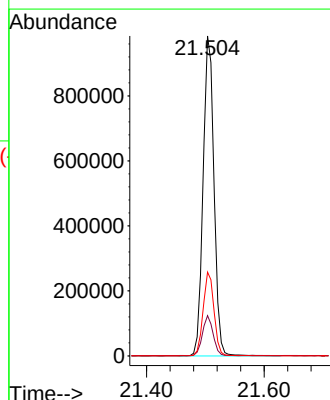
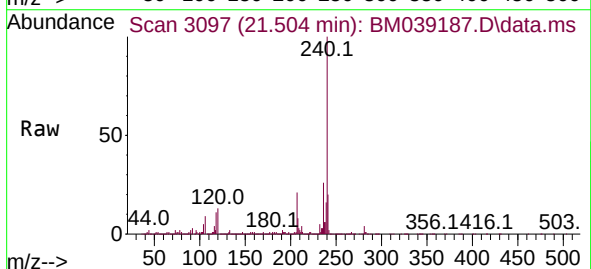
Tgt Ion:240 Resp: 1267556

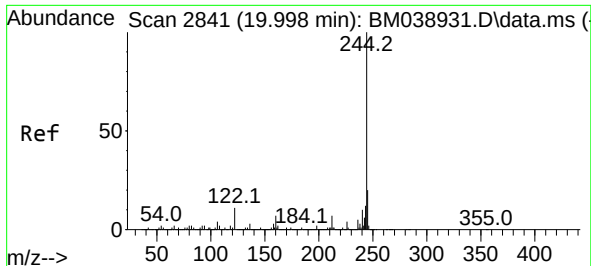
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 26.2 20.8 31.2

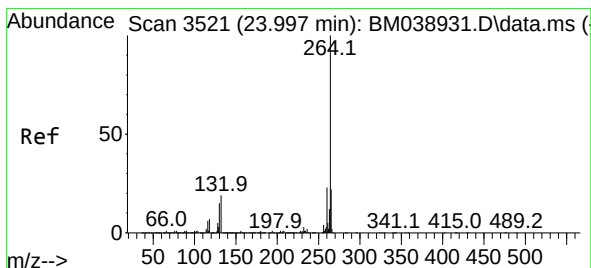
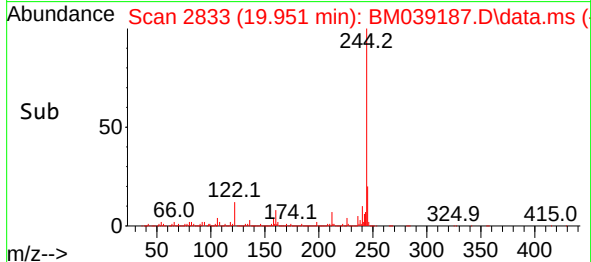
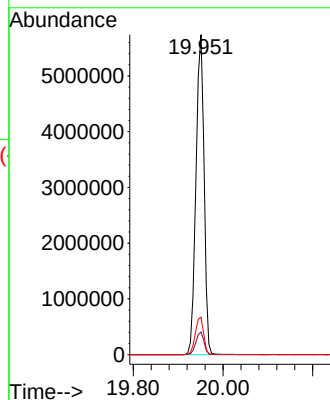
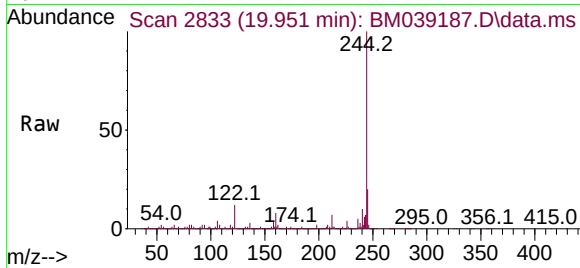




#79
 Terphenyl-d14
 Concen: 104.087 ng
 RT: 19.951 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039187.D
 Acq: 28 Mar 2023 19:46

Instrument :
 BNA_M
 ClientSampleId :
 WC01

Tgt Ion:244 Resp: 7216210
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 min Scan# 3509
 Delta R.T. 0.000 min
 Lab File: BM039187.D
 Acq: 28 Mar 2023 19:46

Tgt Ion:264 Resp: 1169835
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.1 17.9 26.9

