

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039185.D
 Acq On : 28 Mar 2023 18:32
 Operator : CG/JU
 Sample : 02111-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 APCS-SOUTH

Quant Time: Mar 29 01:31:04 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	7.934	152	297895	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1178221	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	685012	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1383012	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1079551	20.000	ng	0.00
86) Perylene-d12	23.927	264	1121344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1934452	98.659	ng	0.00
7) Phenol-d6	7.104	99	2540720	99.760	ng	0.00
23) Nitrobenzene-d5	9.104	82	1478080	61.622	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	784397	98.984	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	2963779	56.324	ng	0.00
79) Terphenyl-d14	19.950	244	3680200	62.328	ng	0.00

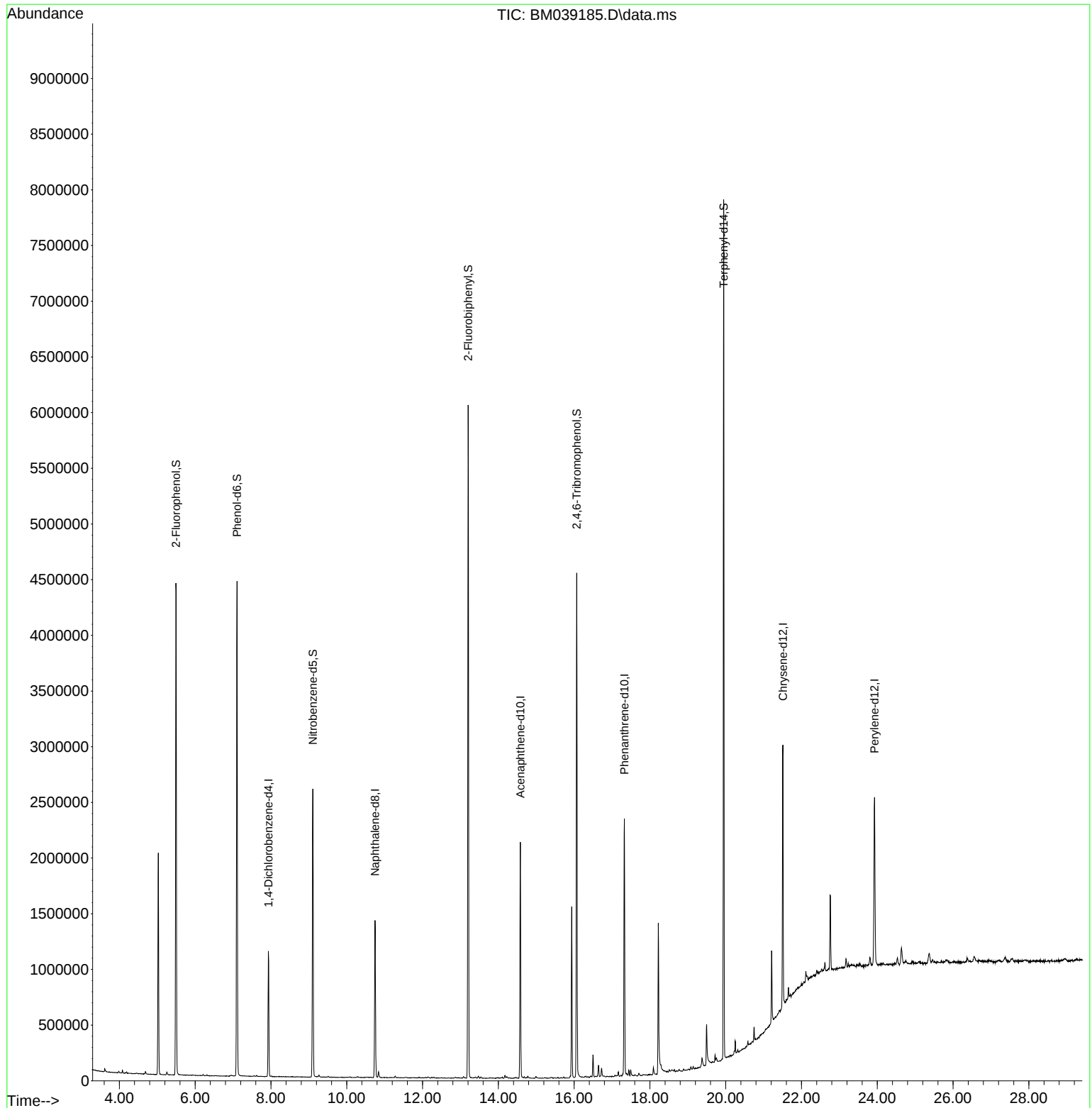
Target Compounds	Qvalue

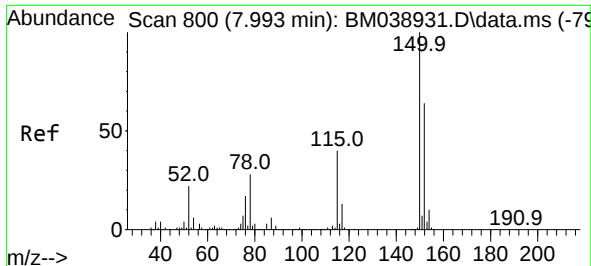
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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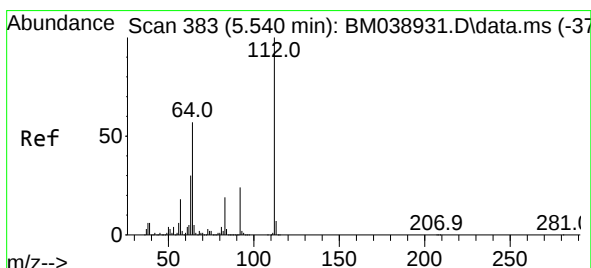
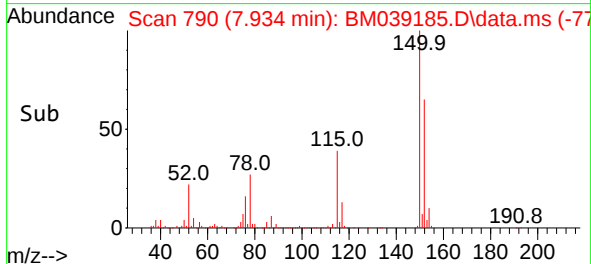
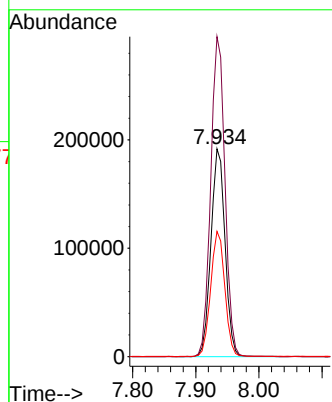
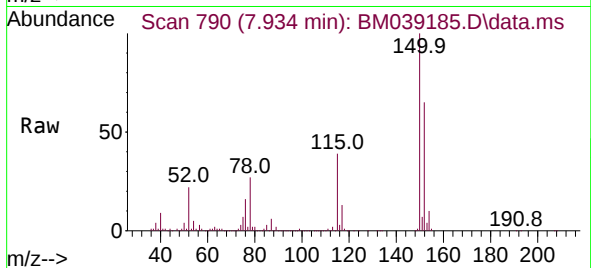




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

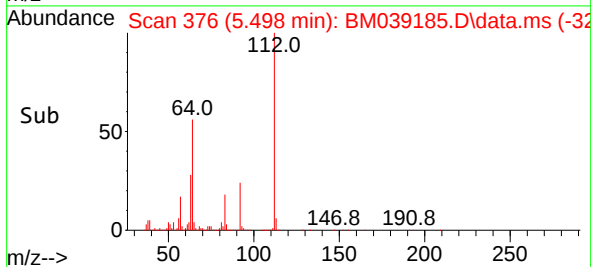
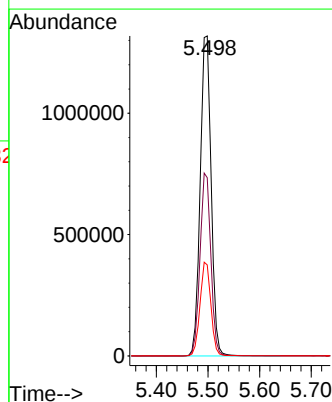
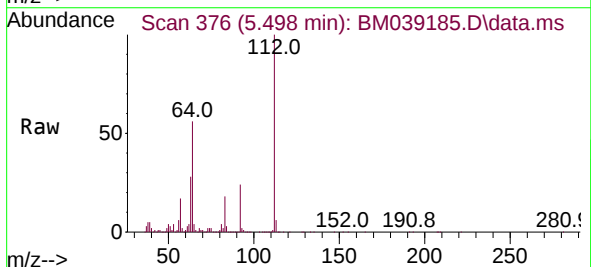
Instrument :
BNA_M
ClientSampleId :
APCS-SOUTH

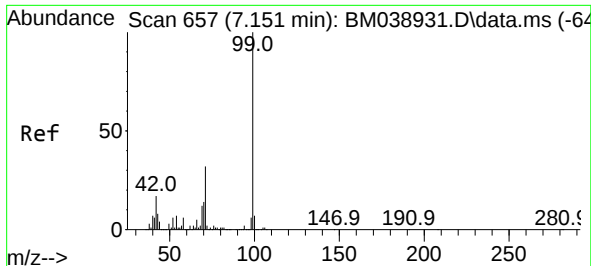
Tgt Ion:152 Resp: 297895
Ion Ratio Lower Upper
152 100
150 154.0 125.1 187.7
115 60.2 49.6 74.4



#5
2-Fluorophenol
Concen: 98.659 ng
RT: 5.498 min Scan# 376
Delta R.T. -0.000 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

Tgt Ion:112 Resp: 1934452
Ion Ratio Lower Upper
112 100
64 55.7 45.9 68.9
63 28.4 23.8 35.8

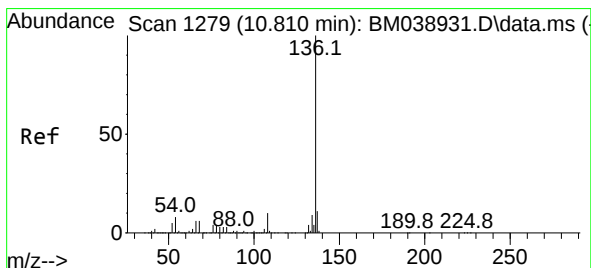
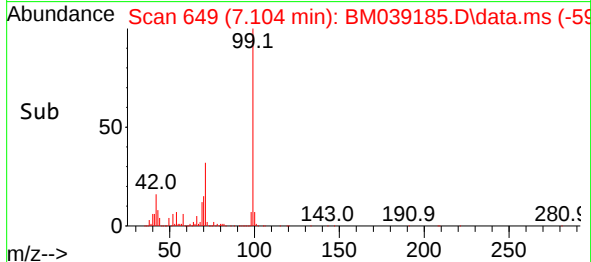
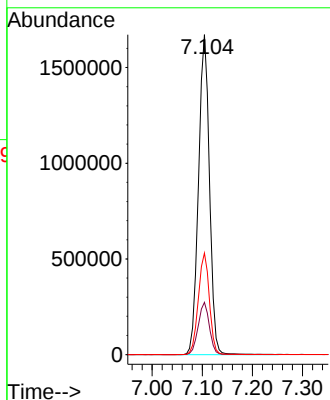
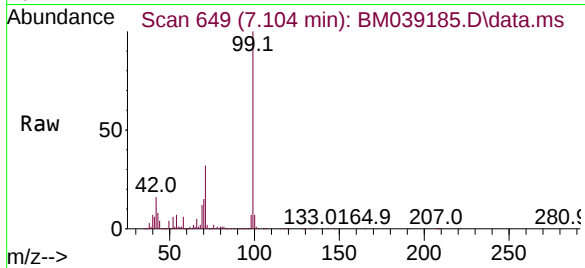




#7
Phenol-d6
Concen: 99.760 ng
RT: 7.104 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

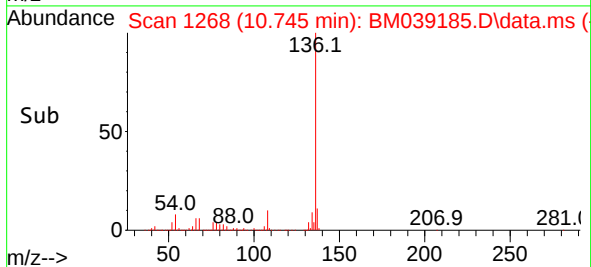
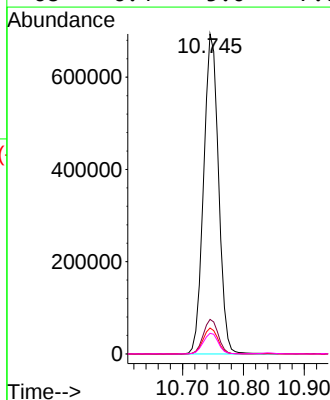
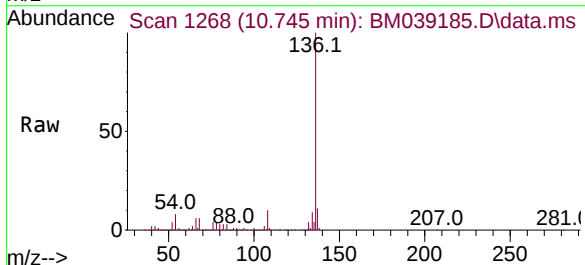
Instrument :
BNA_M
ClientSampleId :
APCS-SOUTH

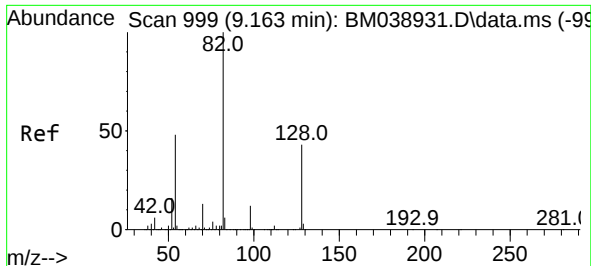
Tgt Ion: 99 Resp: 2540720
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

Tgt Ion: 136 Resp: 1178221
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 6.3 9.5
68 6.4 5.0 7.6

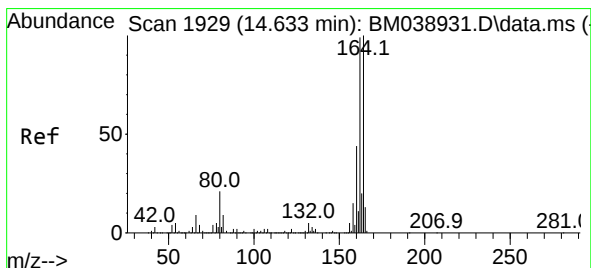
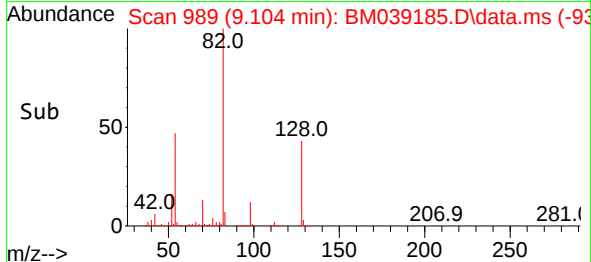
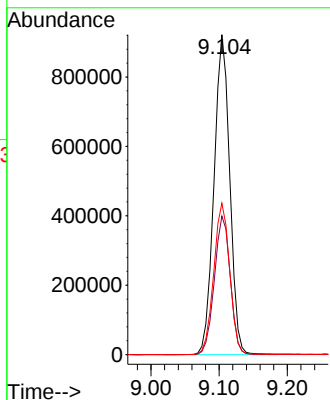
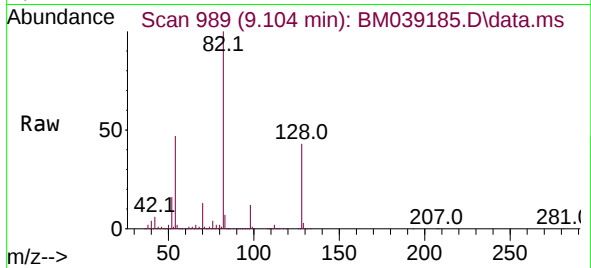




#23
Nitrobenzene-d5
Concen: 61.622 ng
RT: 9.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

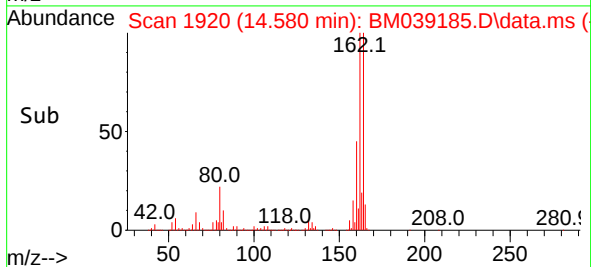
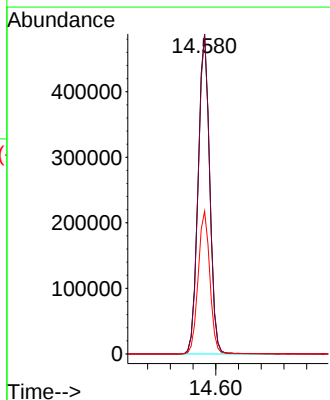
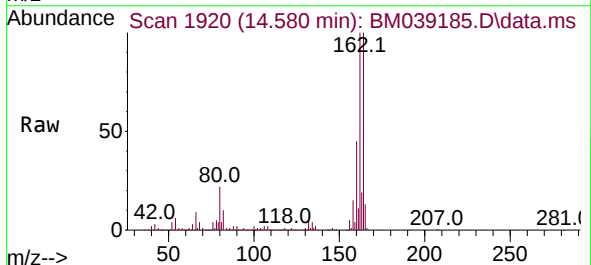
Instrument :
BNA_M
ClientSampleId :
APCS-SOUTH

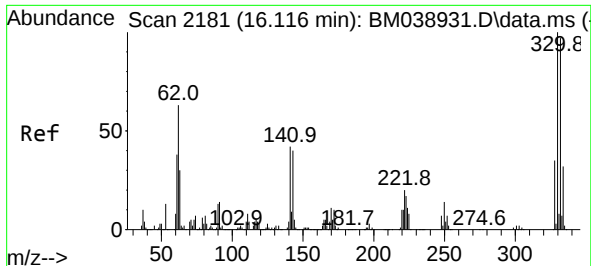
Tgt Ion: 82 Resp: 1478080
Ion Ratio Lower Upper
82 100
128 43.3 34.4 51.6
54 47.3 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

Tgt Ion: 164 Resp: 685012
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 44.6 35.5 53.3

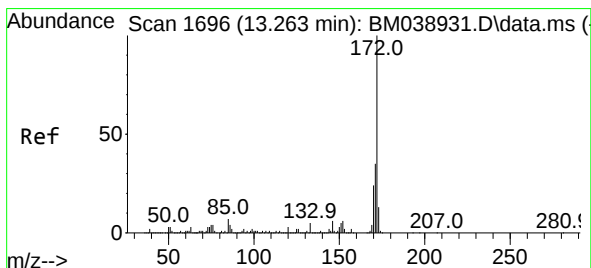
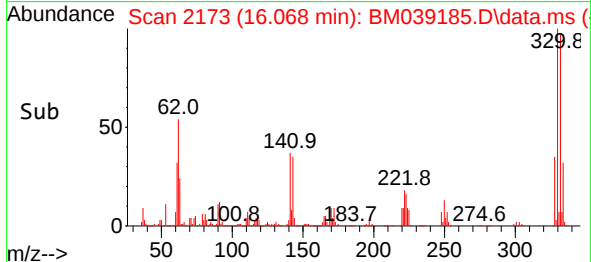
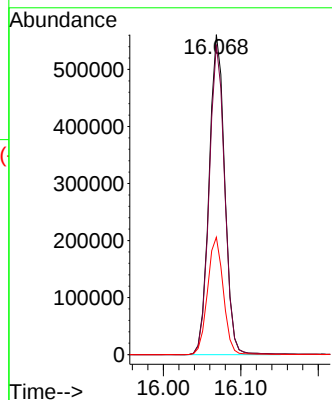
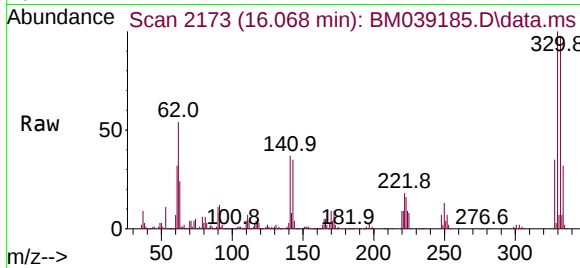




#42
2,4,6-Tribromophenol
Concen: 98.984 ng
RT: 16.068 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

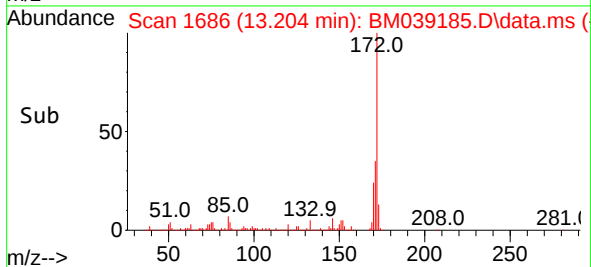
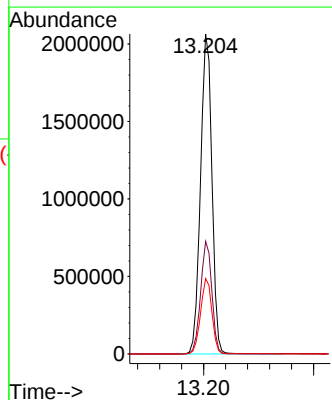
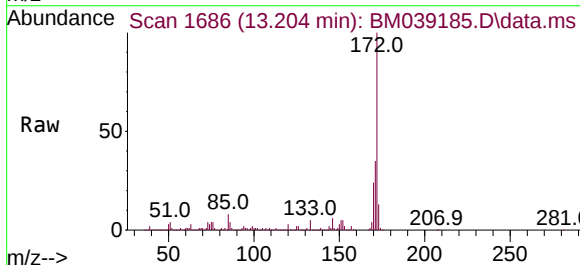
Instrument :
BNA_M
ClientSampleId :
APCS-SOUTH

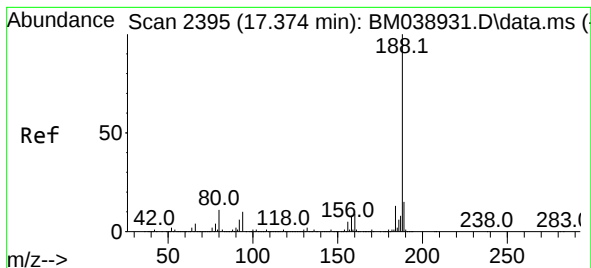
Tgt Ion:330 Resp: 784397
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 37.2 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 56.324 ng
RT: 13.204 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM039185.D
Acq: 28 Mar 2023 18:32

Tgt Ion:172 Resp: 2963779
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 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: BM039185.D

Acq: 28 Mar 2023 18:32

Instrument :

BNA_M

ClientSampleId :

APCS-SOUTH

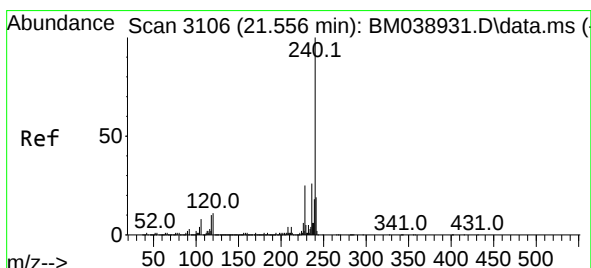
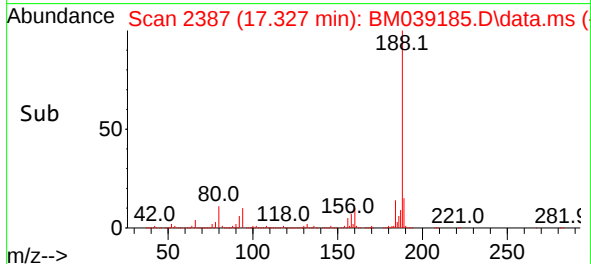
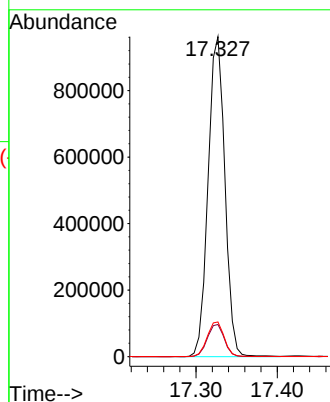
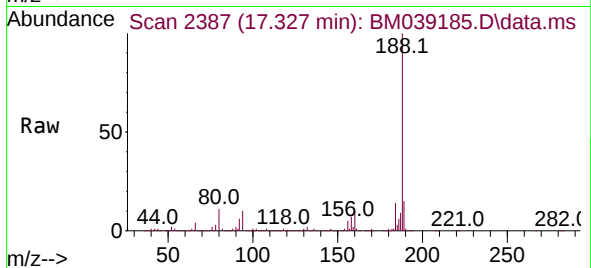
Tgt Ion:188 Resp: 1383012

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BM039185.D

Acq: 28 Mar 2023 18:32

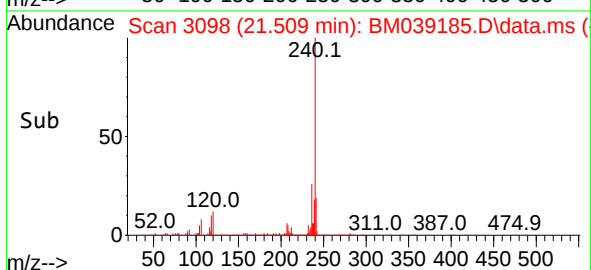
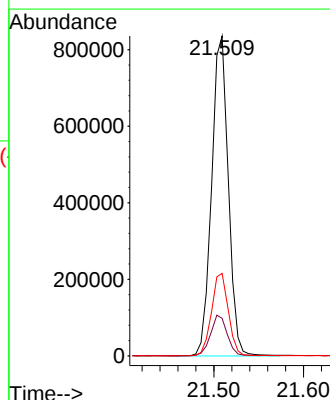
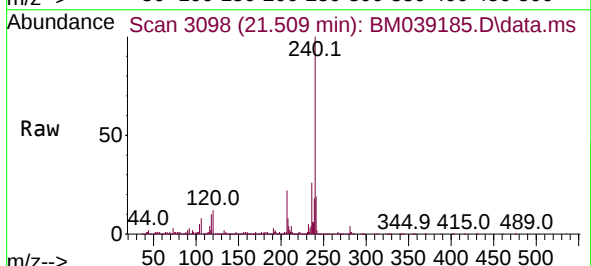
Tgt Ion:240 Resp: 1079551

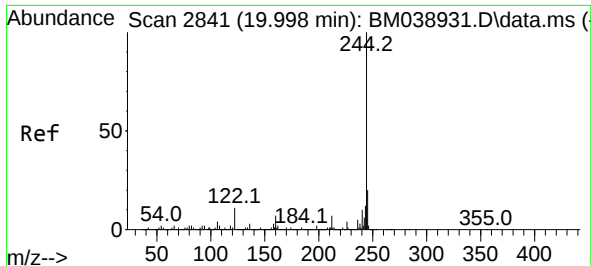
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 25.8 20.8 31.2

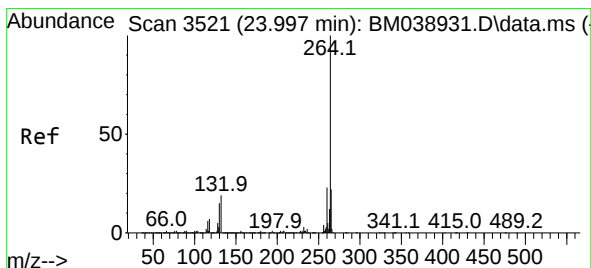
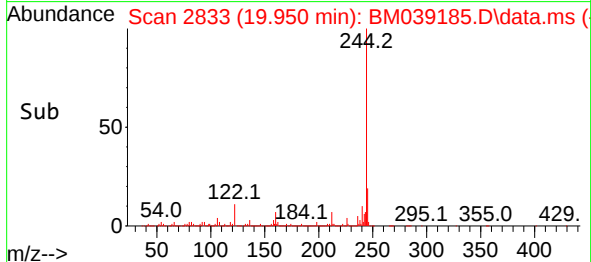
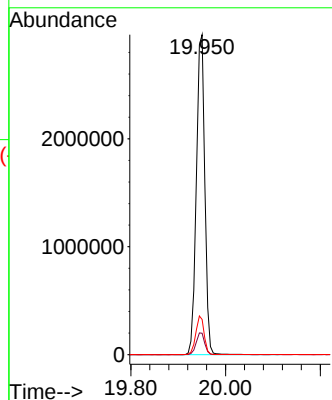
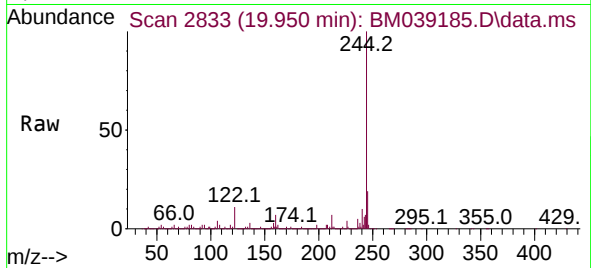




#79
 Terphenyl-d14
 Concen: 62.328 ng
 RT: 19.950 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BM039185.D
 Acq: 28 Mar 2023 18:32

Instrument :
 BNA_M
 ClientSampleId :
 APCS-SOUTH

Tgt Ion:244 Resp: 3680200
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.0 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: BM039185.D
 Acq: 28 Mar 2023 18:32

Tgt Ion:264 Resp: 1121344
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.9 17.9 26.9

