

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
 Data File : BM039293.D
 Acq On : 04 Apr 2023 11:13
 Operator : CG/JU
 Sample : PB151768BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151768BL

Quant Time: Apr 04 17:38:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	345839	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1347752	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	753237	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1476287	20.000	ng	0.00
76) Chrysene-d12	21.492	240	1058660	20.000	ng	0.00
86) Perylene-d12	23.903	264	1012556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3258353	141.946	ng	0.00
7) Phenol-d6	7.087	99	4008029	134.994	ng	0.00
23) Nitrobenzene-d5	9.086	82	2433473	87.755	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1154377	120.730	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	4774134	85.876	ng	0.00
79) Terphenyl-d14	19.933	244	5781746	100.902	ng	0.00

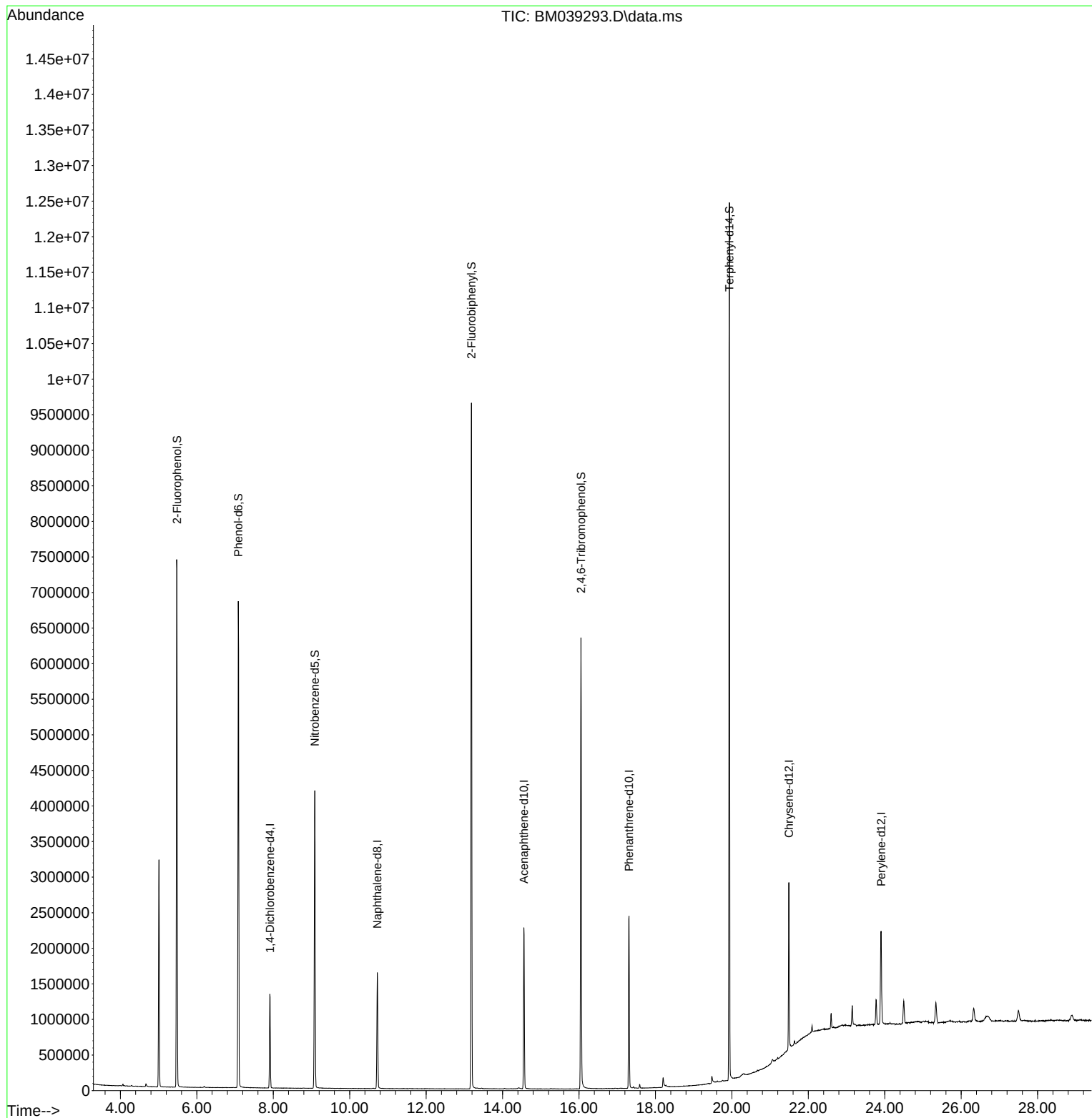
Target Compounds	Qvalue

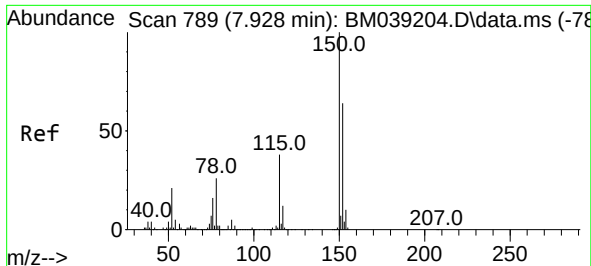
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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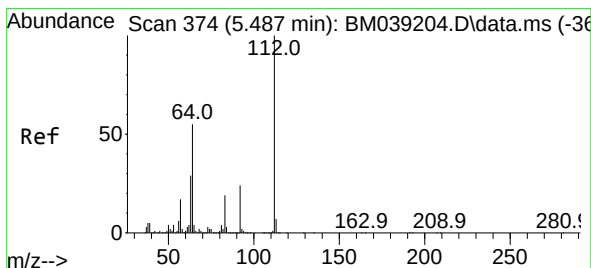
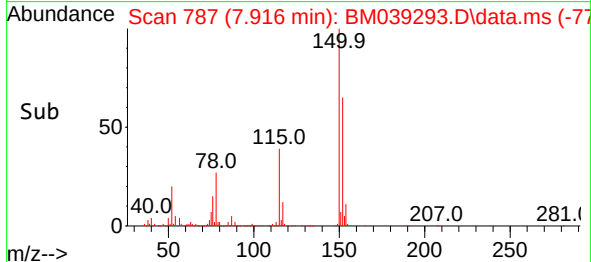
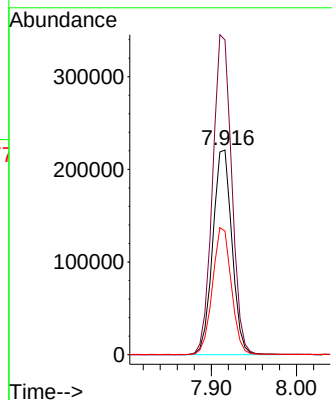
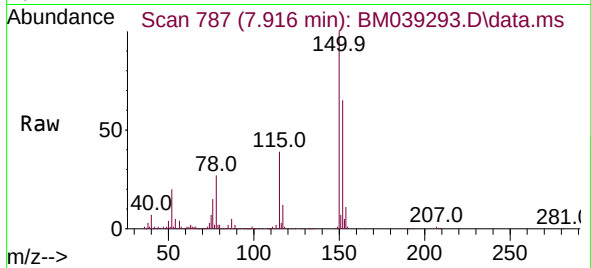




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 789
Delta R.T. -0.000 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

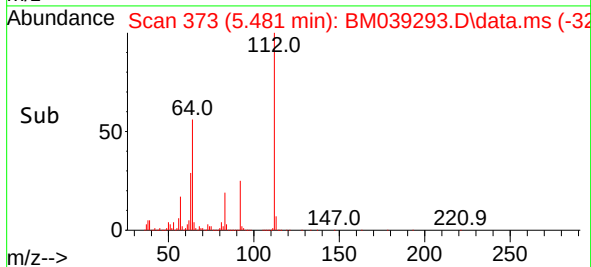
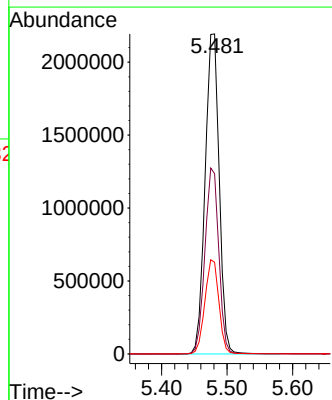
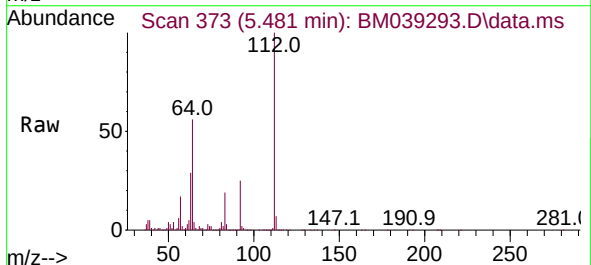
Instrument :
BNA_M
ClientSampleId :
PB151768BL

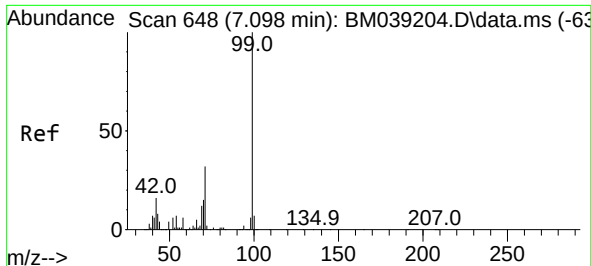
Tgt Ion:152 Resp: 345839
Ion Ratio Lower Upper
152 100
150 153.9 125.5 188.3
115 60.4 48.1 72.1



#5
2-Fluorophenol
Concen: 141.946 ng
RT: 5.481 min Scan# 373
Delta R.T. 0.005 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

Tgt Ion:112 Resp: 3258353
Ion Ratio Lower Upper
112 100
64 56.3 44.3 66.5
63 28.6 23.0 34.6

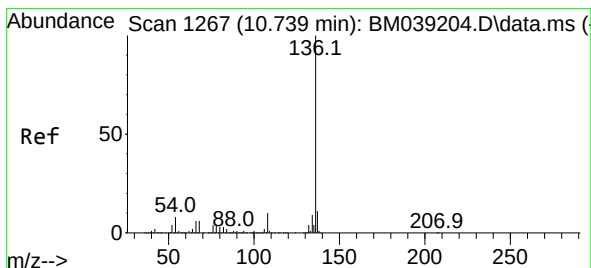
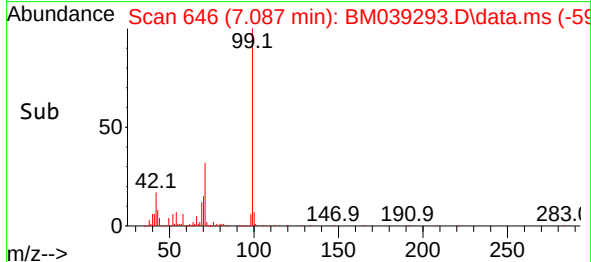
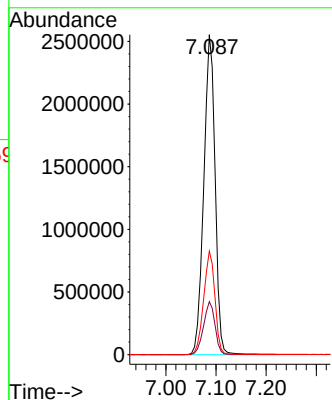
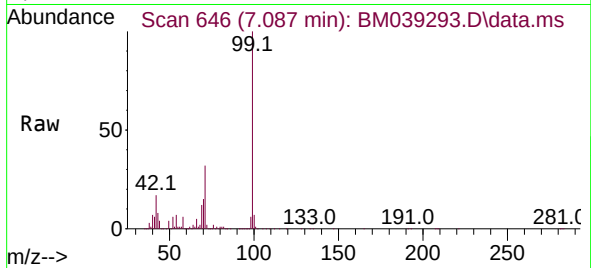




#7
Phenol-d6
Concen: 134.994 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

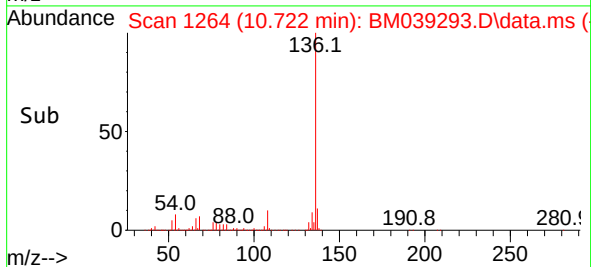
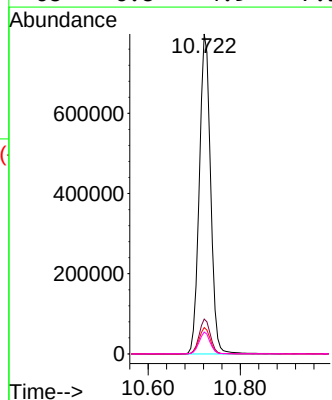
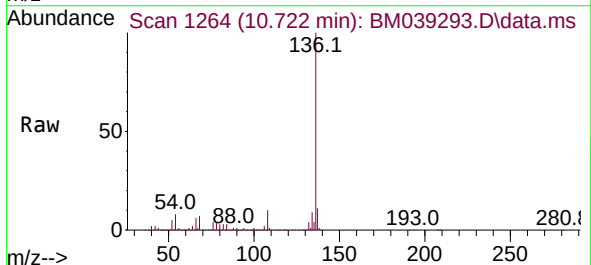
Instrument :
BNA_M
ClientSampleId :
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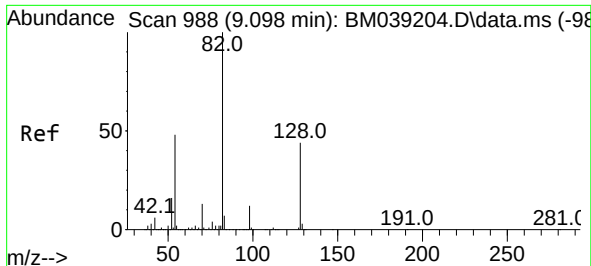
Tgt Ion: 99 Resp: 4008029
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 32.3 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

Tgt Ion:136 Resp: 1347752
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.2 9.4
68 6.8 4.9 7.3

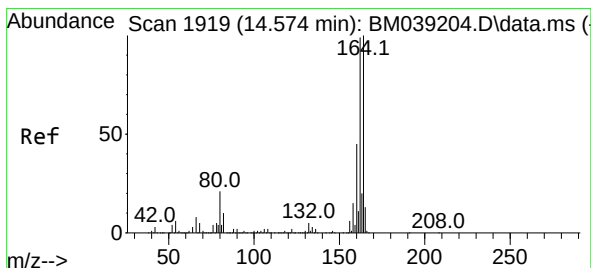
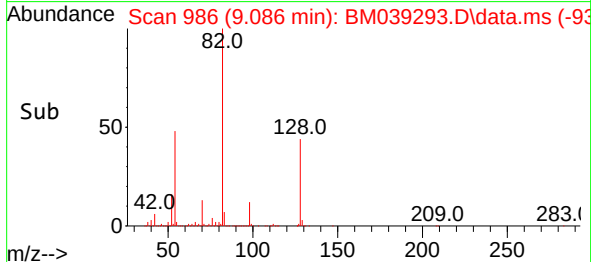
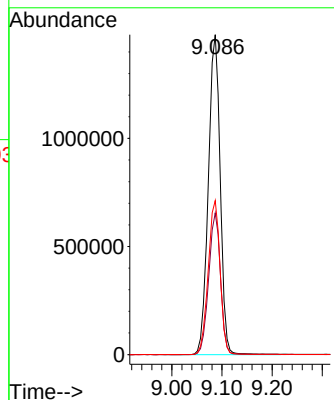
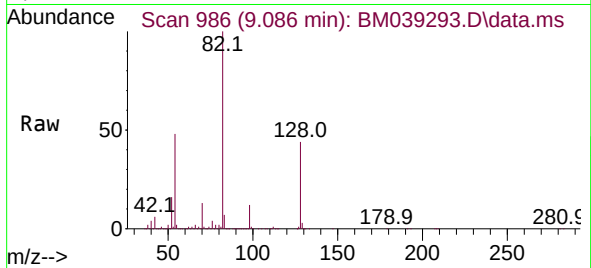




#23
Nitrobenzene-d5
Concen: 87.755 ng
RT: 9.086 min Scan# 988
Delta R.T. -0.000 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

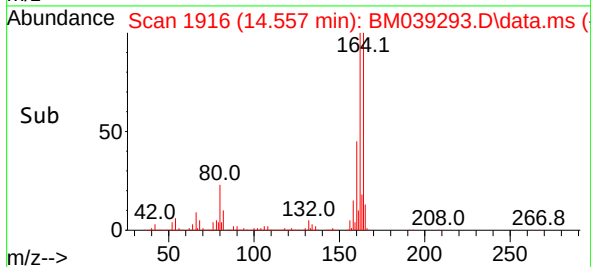
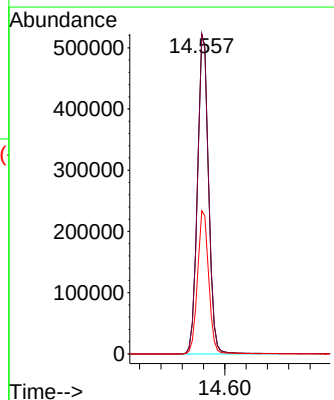
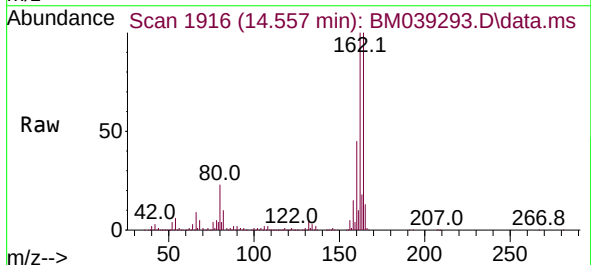
Instrument :
BNA_M
ClientSampleId :
PB151768BL

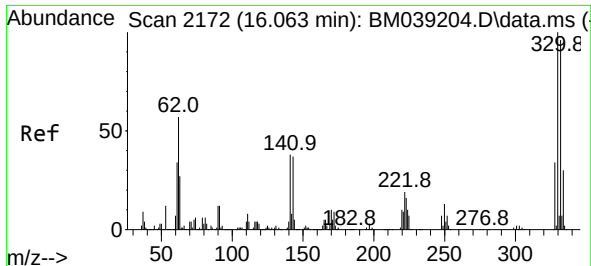
Tgt Ion: 82 Resp: 2433473
Ion Ratio Lower Upper
82 100
128 44.3 35.1 52.7
54 48.1 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

Tgt Ion: 164 Resp: 753237
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.8 35.8 53.8

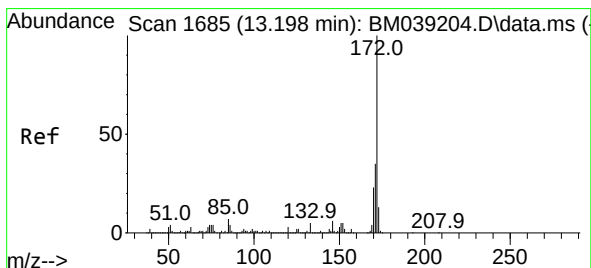
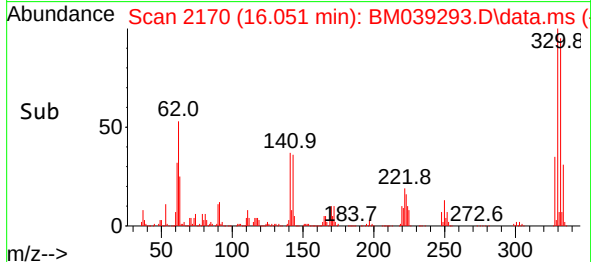
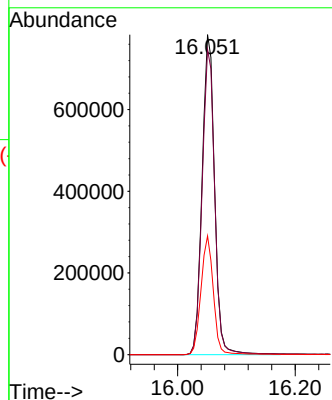
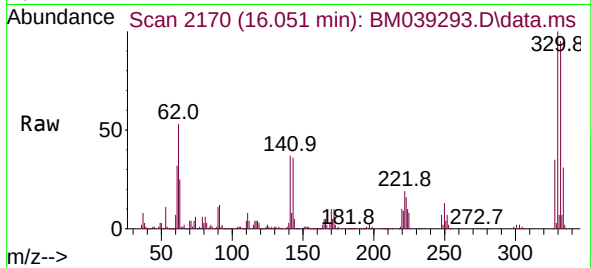




#42
2,4,6-Tribromophenol
Concen: 120.730 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

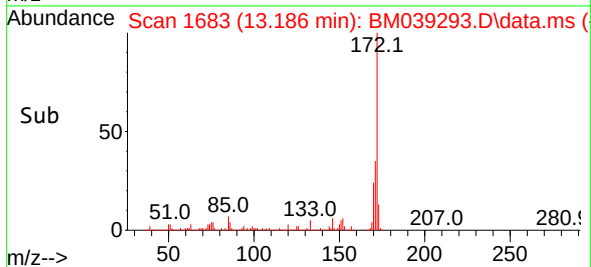
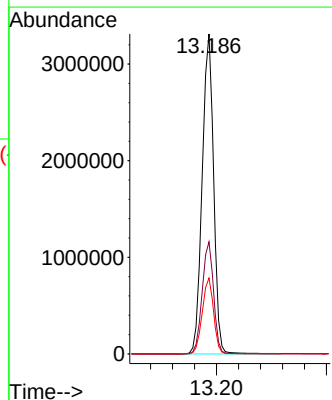
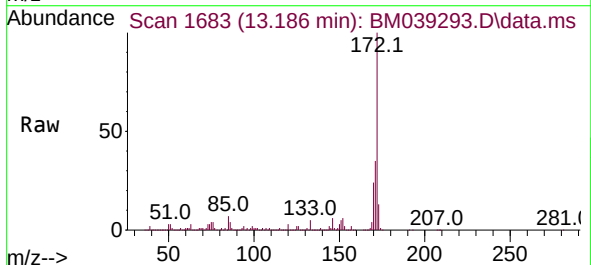
Instrument :
BNA_M
ClientSampleId :
PB151768BL

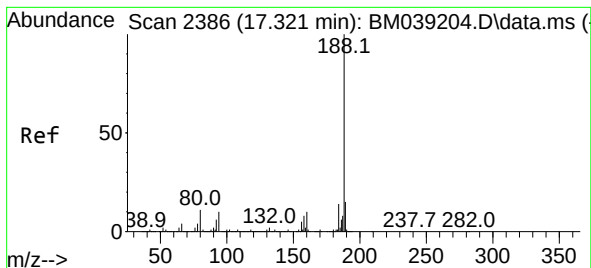
Tgt Ion:330 Resp: 1154377
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 36.8 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 85.876 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039293.D
Acq: 04 Apr 2023 11:13

Tgt Ion:172 Resp: 4774134
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM039293.D

Acq: 04 Apr 2023 11:13

Instrument :

BNA_M

ClientSampleId :

PB151768BL

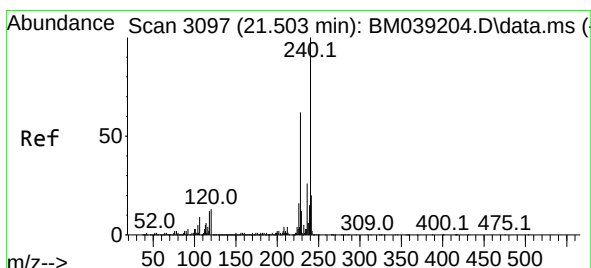
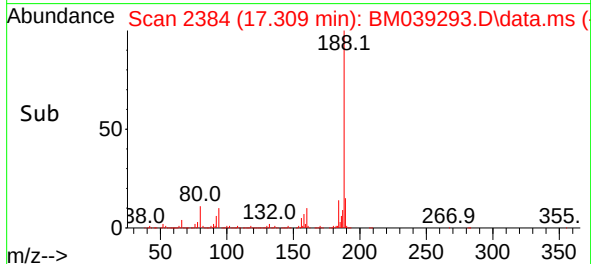
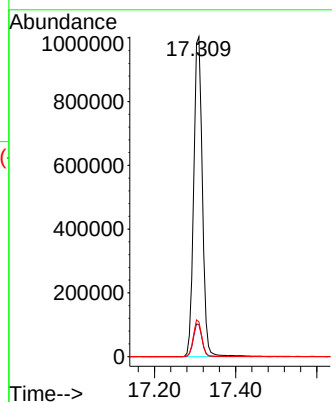
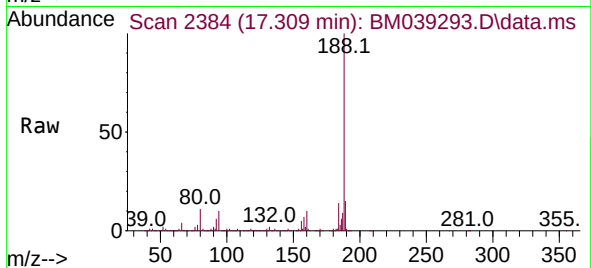
Tgt Ion:188 Resp: 1476287

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 10.9 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039293.D

Acq: 04 Apr 2023 11:13

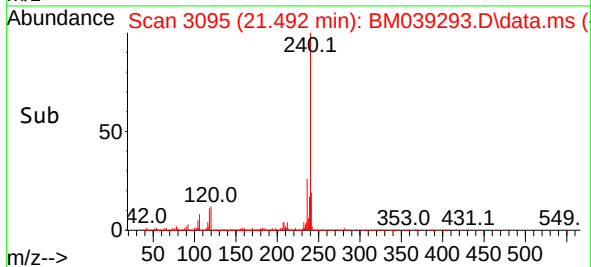
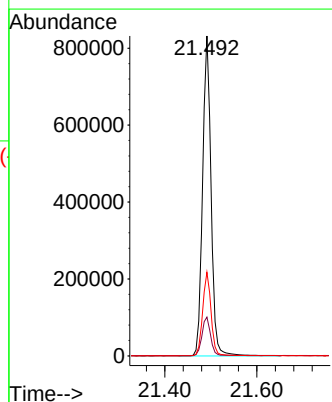
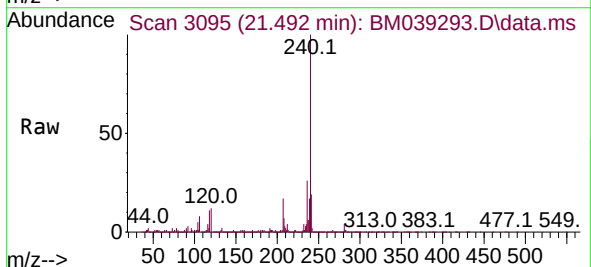
Tgt Ion:240 Resp: 1058660

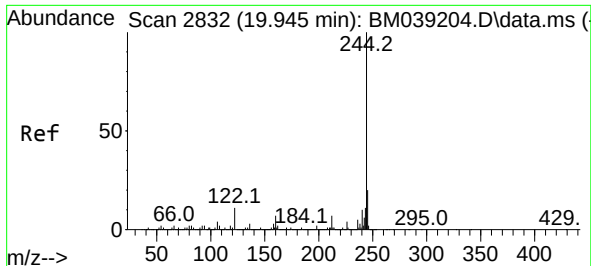
Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.2

236 26.1 20.9 31.3

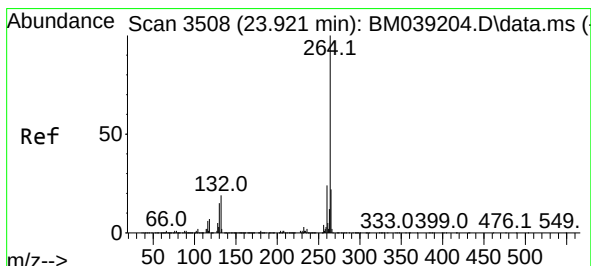
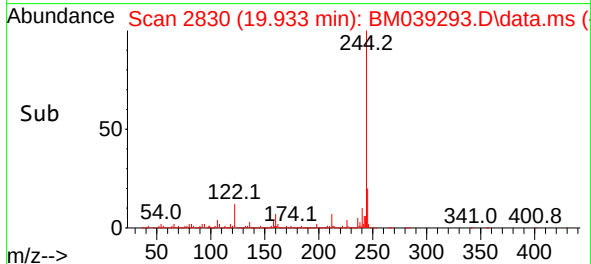
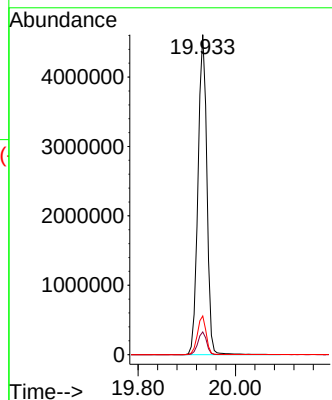
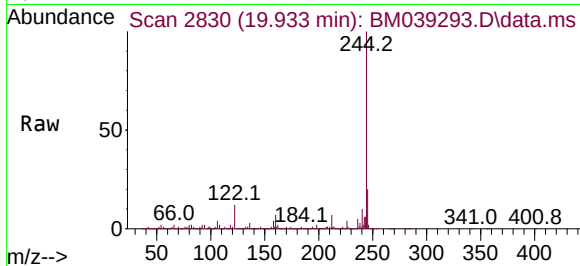




#79
 Terphenyl-d14
 Concen: 100.902 ng
 RT: 19.933 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039293.D
 Acq: 04 Apr 2023 11:13

Instrument :
 BNA_M
 ClientSampleId :
 PB151768BL

Tgt Ion:244 Resp: 5781746
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.903 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM039293.D
 Acq: 04 Apr 2023 11:13

Tgt Ion:264 Resp: 1012556
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.4 18.1 27.1

