

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039085.D
 Acq On : 22 Mar 2023 10:24
 Operator : CG/JU
 Sample : PB151573BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151573BL

Quant Time: Mar 23 04:19:27 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	7.963	152	396551	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1637183	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	1041840	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	2175532	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1627020	20.000	ng	0.00
86) Perylene-d12	23.962	264	1513067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3775492	144.649	ng	0.00
7) Phenol-d6	7.134	99	4867706	143.579	ng	0.00
23) Nitrobenzene-d5	9.134	82	2865675	85.980	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1693616	140.521	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	6359800	79.467	ng	0.00
79) Terphenyl-d14	19.974	244	8638345	97.072	ng	0.00

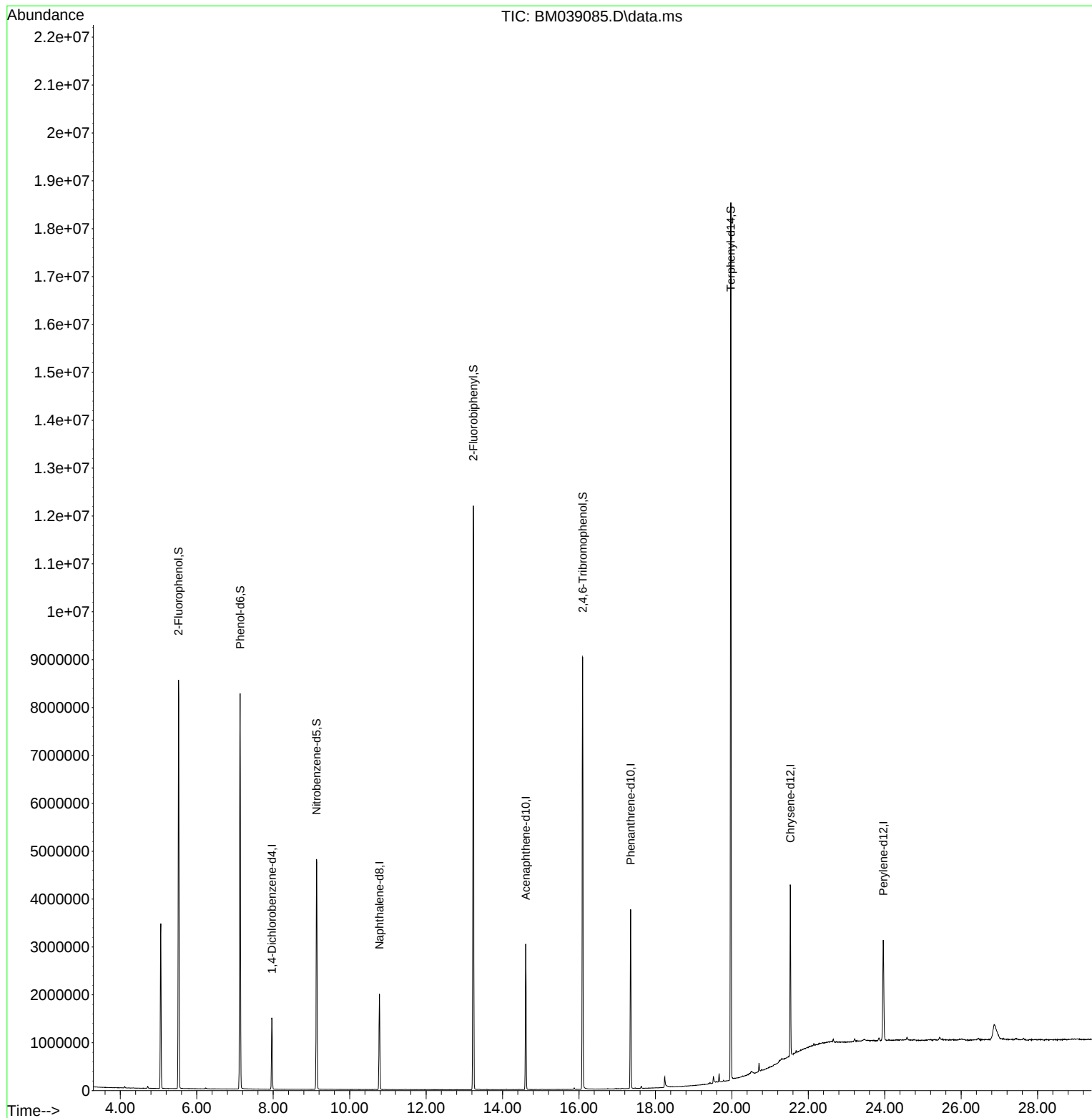
Target Compounds	Qvalue

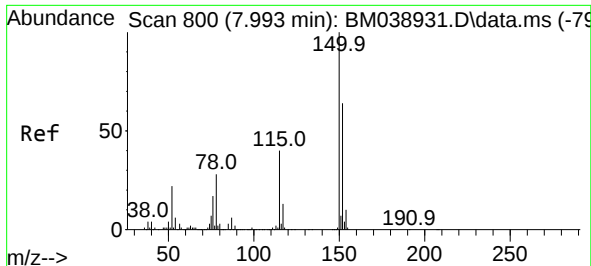
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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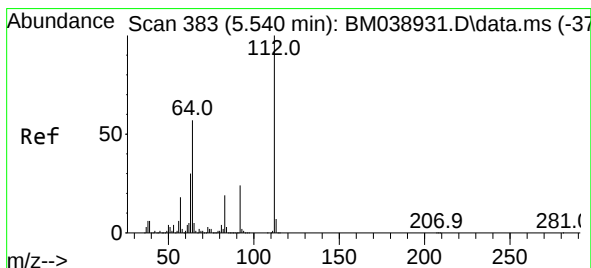
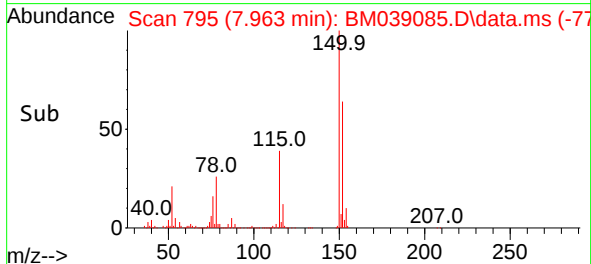
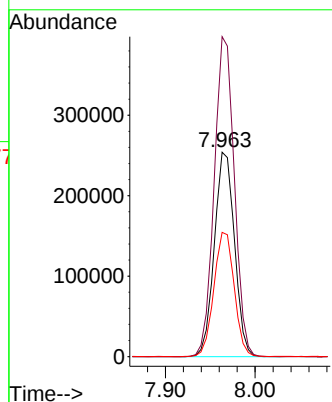
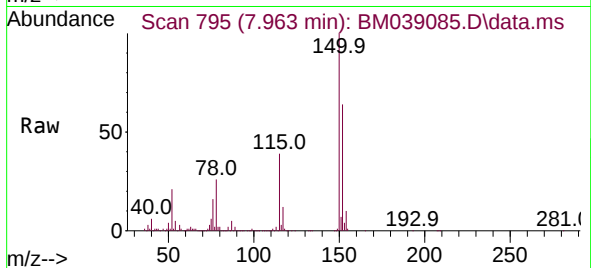




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

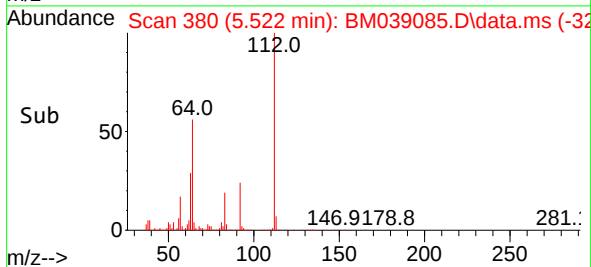
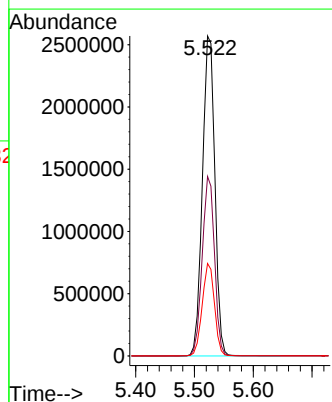
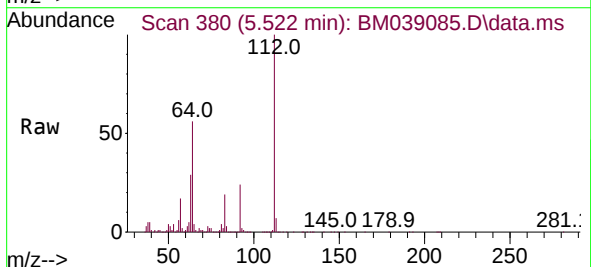
Instrument :
BNA_M
ClientSampleId :
PB151573BL

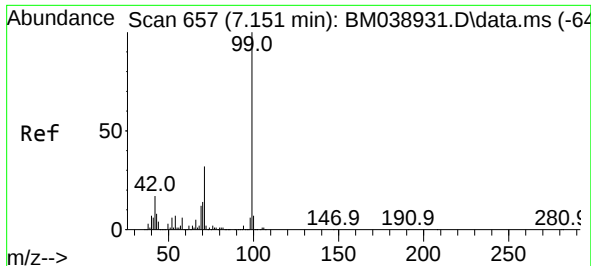
Tgt Ion:152 Resp: 396551
Ion Ratio Lower Upper
152 100
150 156.5 125.1 187.7
115 60.7 49.6 74.4



#5
2-Fluorophenol
Concen: 144.649 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion:112 Resp: 3775492
Ion Ratio Lower Upper
112 100
64 56.1 45.9 68.9
63 28.9 23.8 35.8

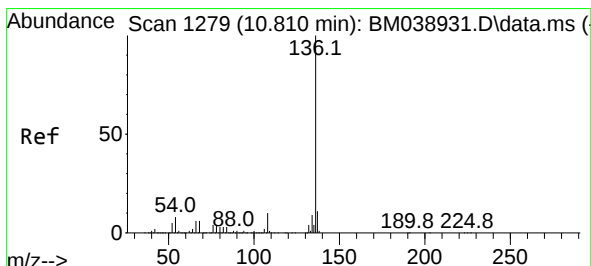
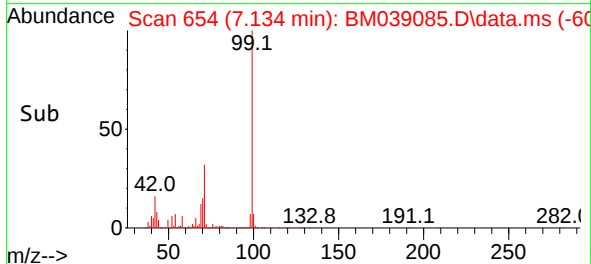
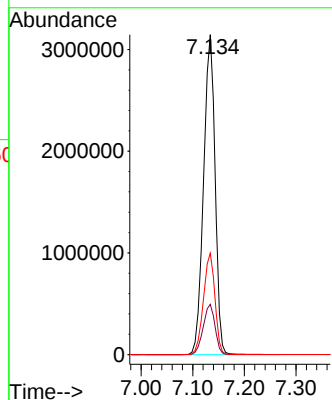
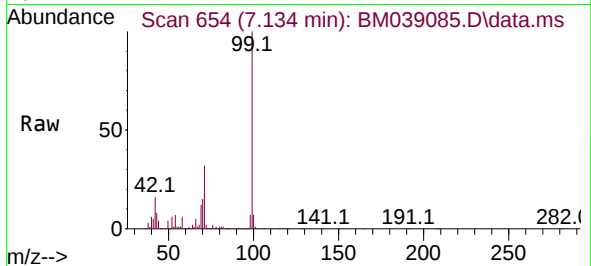




#7
Phenol-d6
Concen: 143.579 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

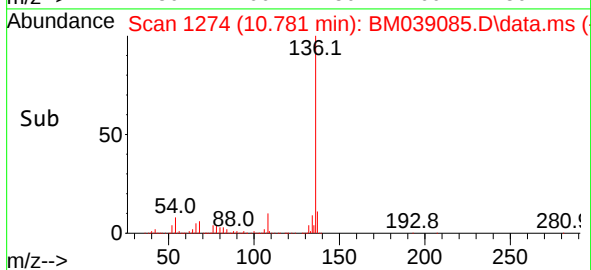
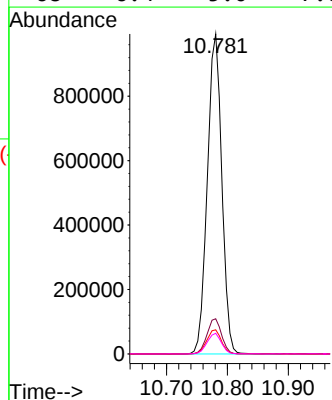
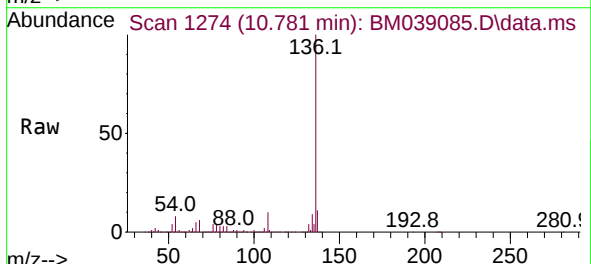
Instrument :
BNA_M
ClientSampleId :
PB151573BL

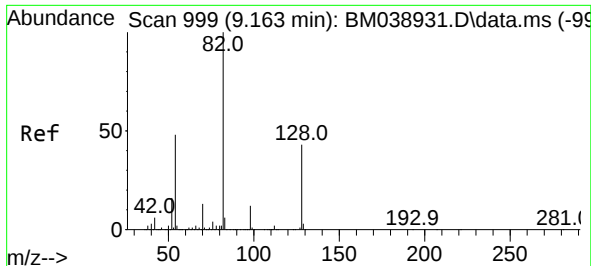
Tgt Ion: 99 Resp: 4867706
Ion Ratio Lower Upper
99 100
42 15.7 13.5 20.3
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion:136 Resp: 1637183
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.5 6.3 9.5
68 6.4 5.0 7.6

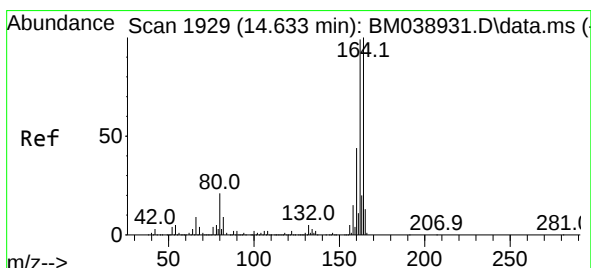
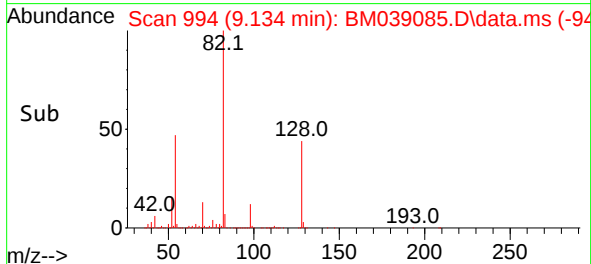
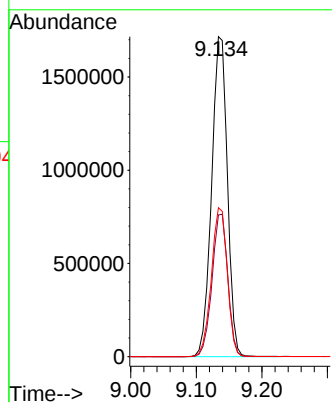
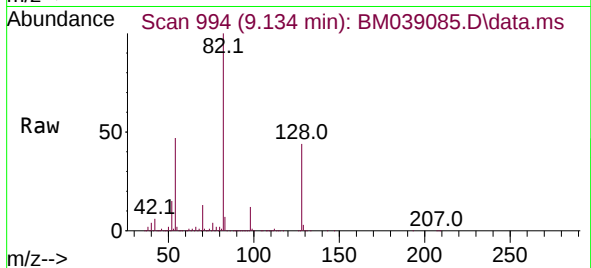




#23
Nitrobenzene-d5
Concen: 85.980 ng
RT: 9.134 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

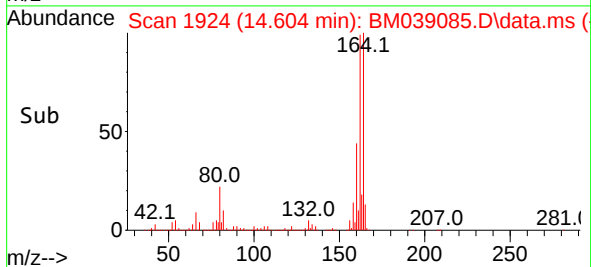
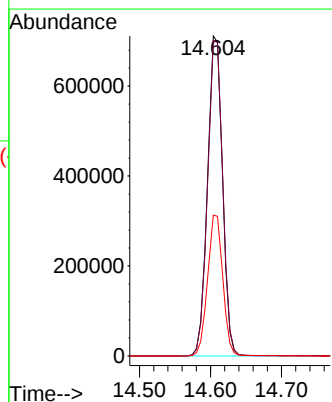
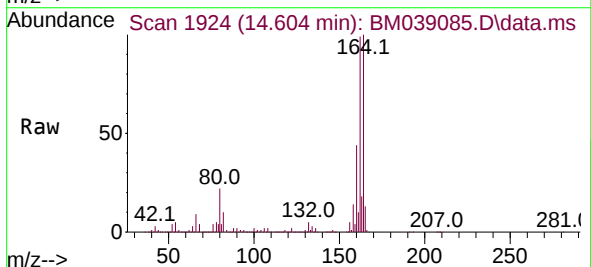
Instrument :
BNA_M
ClientSampleId :
PB151573BL

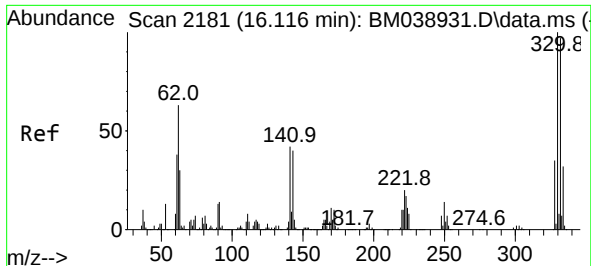
Tgt Ion: 82 Resp: 2865675
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 46.5 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion: 164 Resp: 1041840
Ion Ratio Lower Upper
164 100
162 98.5 79.2 118.8
160 44.0 35.5 53.3

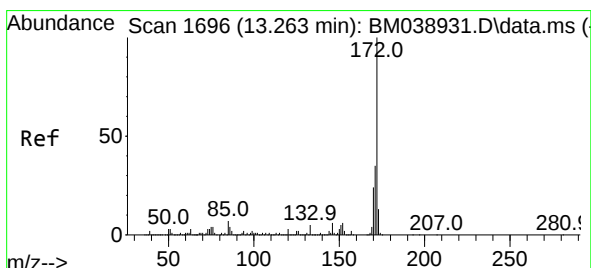
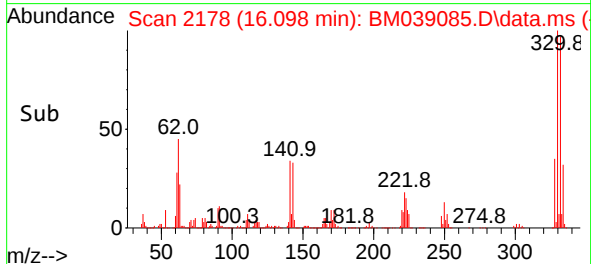
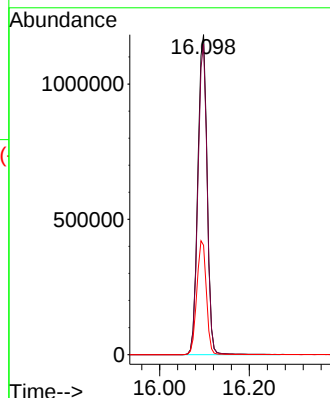
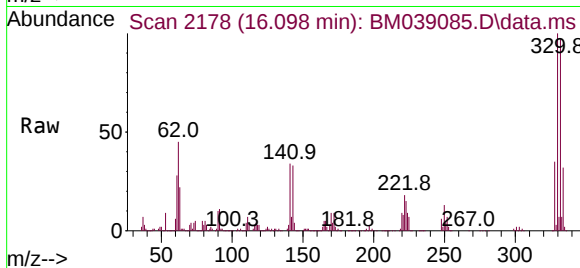




#42
2,4,6-Tribromophenol
Concen: 140.521 ng
RT: 16.098 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

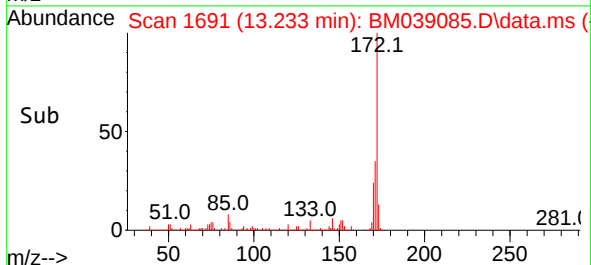
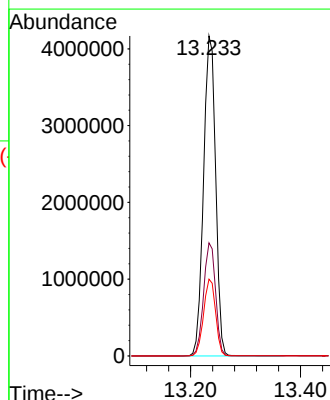
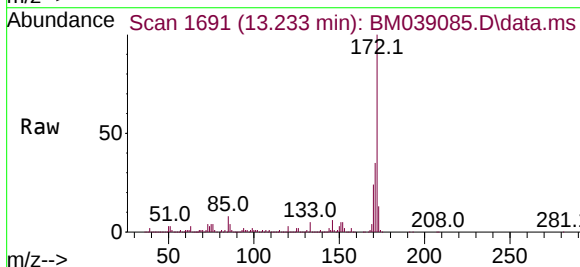
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ClientSampleId :
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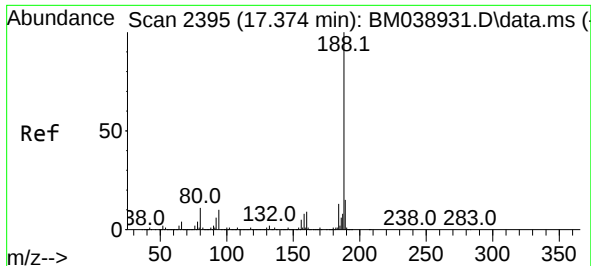
Tgt Ion:330 Resp: 1693616
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 36.6 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 79.467 ng
RT: 13.233 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion:172 Resp: 6359800
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 19.1 28.7

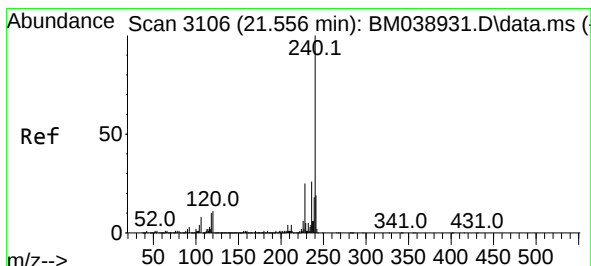
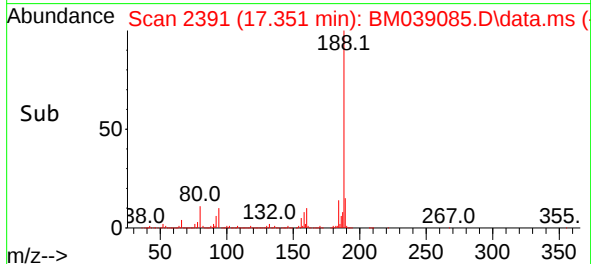
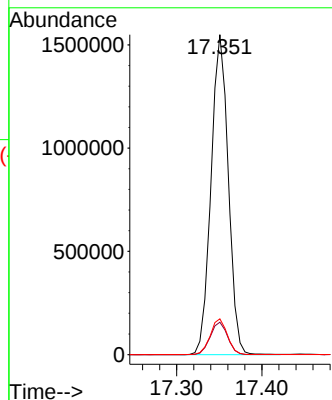
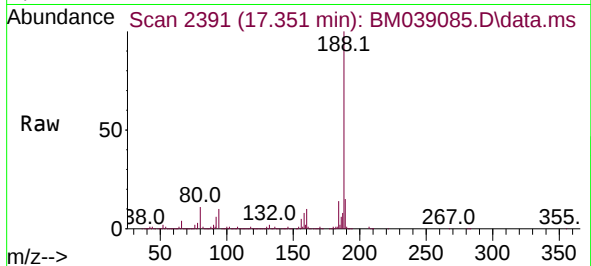




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

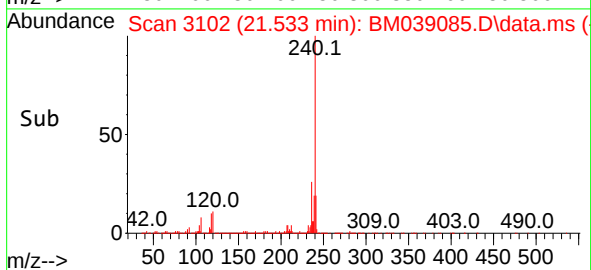
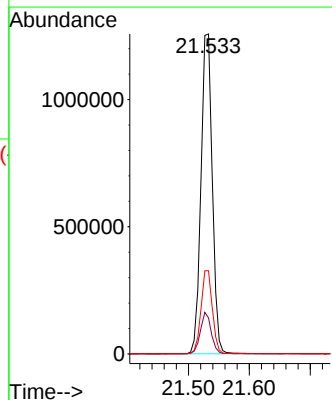
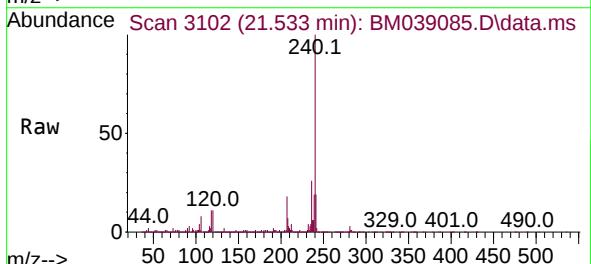
Instrument :
BNA_M
ClientSampleId :
PB151573BL

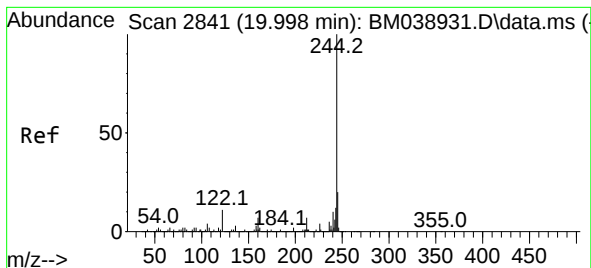
Tgt Ion:188 Resp: 2175532
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion:240 Resp: 1627020
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 97.072 ng

RT: 19.974 min Scan# 2841

Delta R.T. 0.006 min

Lab File: BM039085.D

Acq: 22 Mar 2023 10:24

Instrument :

BNA_M

ClientSampleId :

PB151573BL

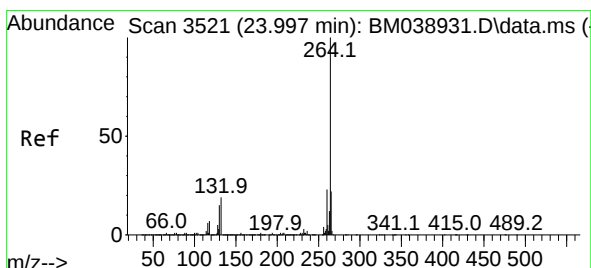
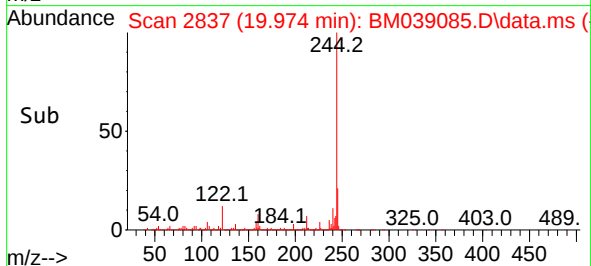
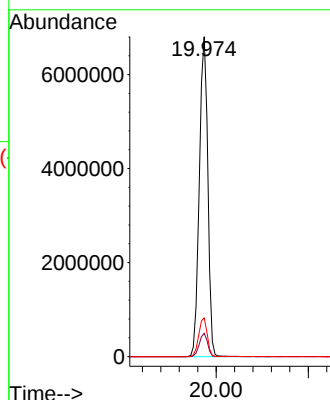
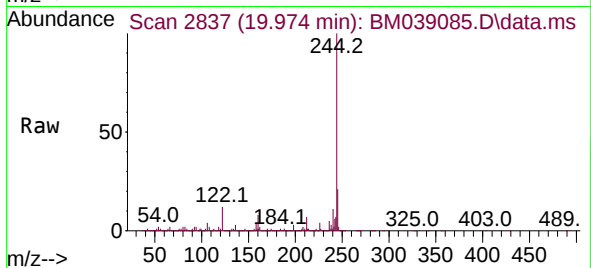
Tgt Ion:244 Resp: 8638345

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.1 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: BM039085.D

Acq: 22 Mar 2023 10:24

Tgt Ion:264 Resp: 1513067

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.0 17.9 26.9

