

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044074.D
 Acq On : 14 Feb 2024 09:55
 Operator : MA/JU
 Sample : PB158892BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158892BL

Quant Time: Feb 14 10:57:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	408112	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1620025	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	877125	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1665945	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1177591	20.000	ng	0.00
86) Perylene-d12	23.891	264	1233443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3771710	134.416	ng	0.00
7) Phenol-d6	7.075	99	4603979	128.956	ng	0.00
23) Nitrobenzene-d5	9.075	82	2723583	89.210	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1033295	108.804	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	5387336	86.684	ng	0.00
79) Terphenyl-d14	19.939	244	6291957	93.666	ng	0.00

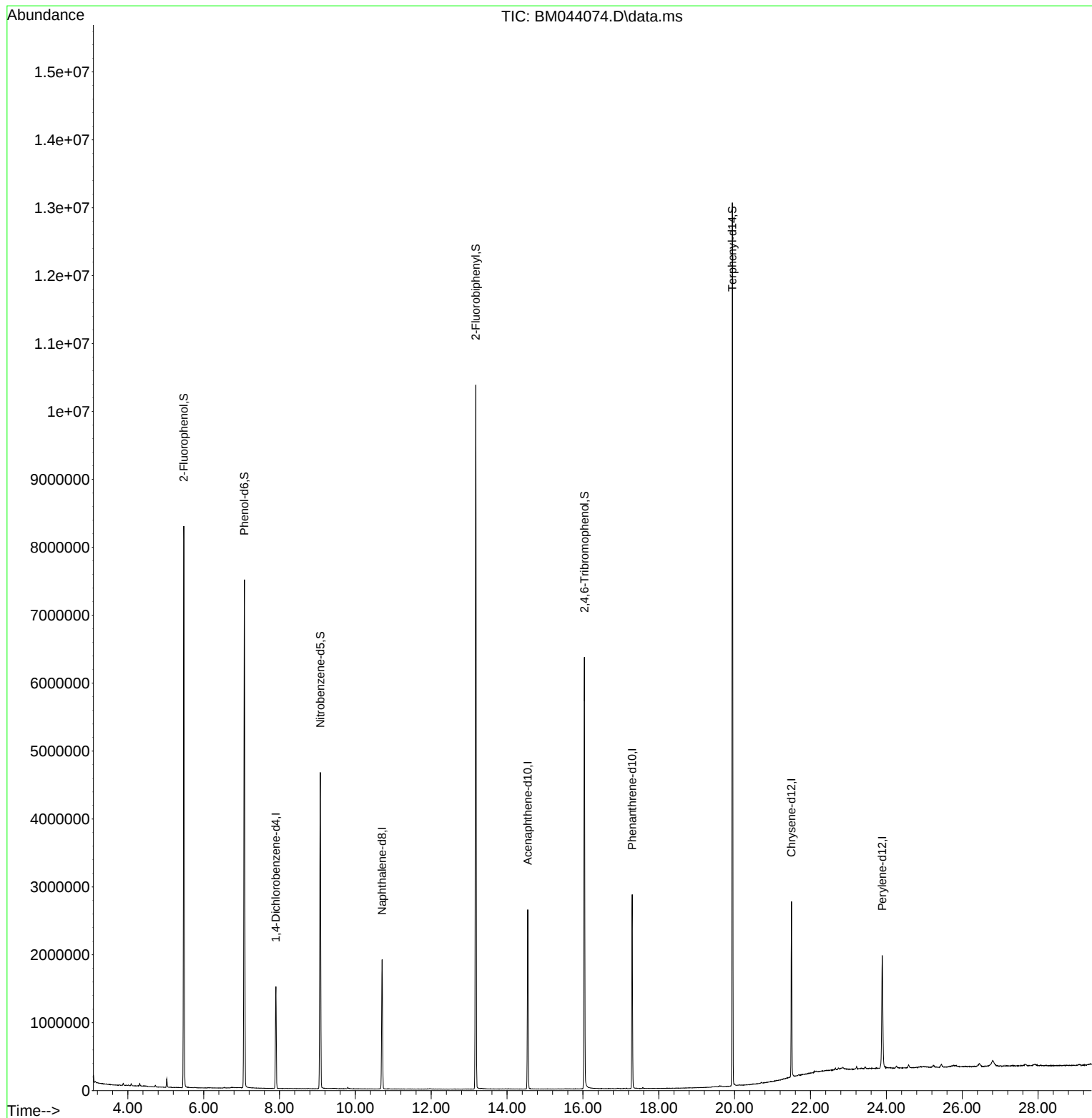
Target Compounds	Qvalue

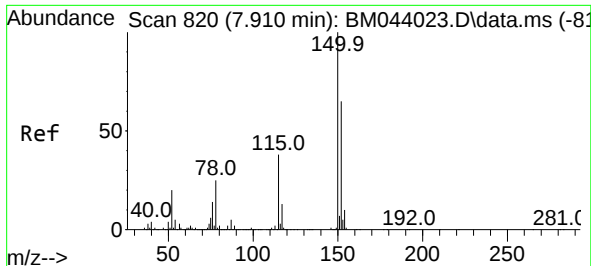
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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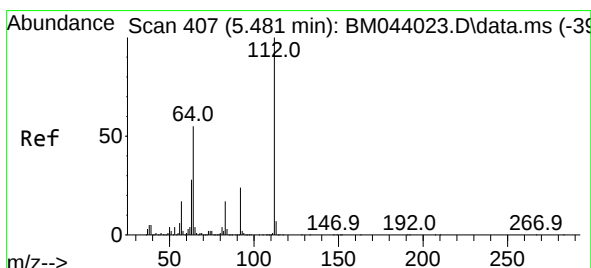
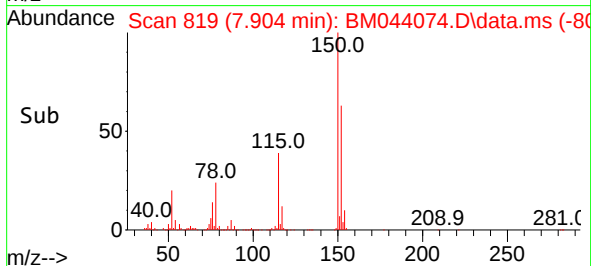
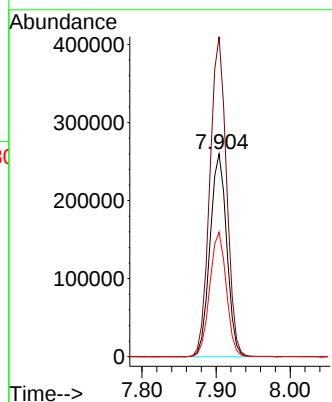
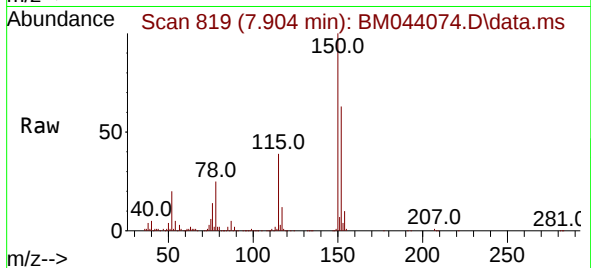




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

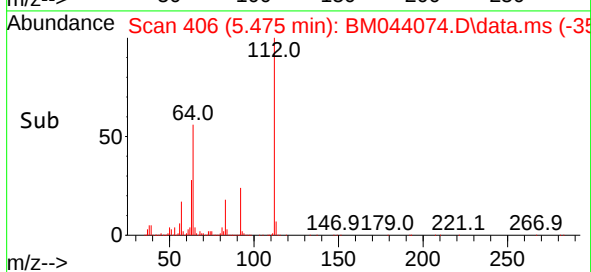
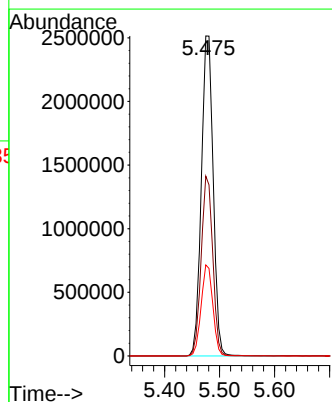
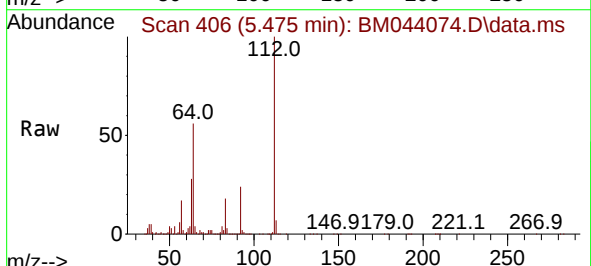
Instrument :
BNA_M
ClientSampleId :
PB158892BL

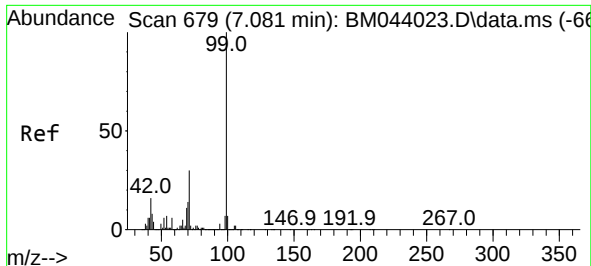
Tgt Ion:152 Resp: 408112
Ion Ratio Lower Upper
152 100
150 157.7 122.7 184.1
115 61.4 47.0 70.6



#5
2-Fluorophenol
Concen: 134.416 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.006 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

Tgt Ion:112 Resp: 3771710
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.4
63 28.5 22.6 34.0

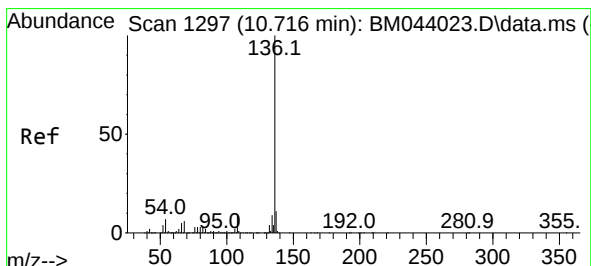
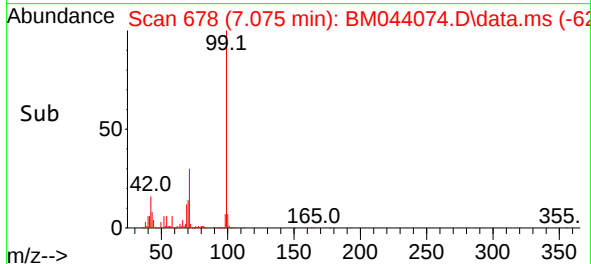
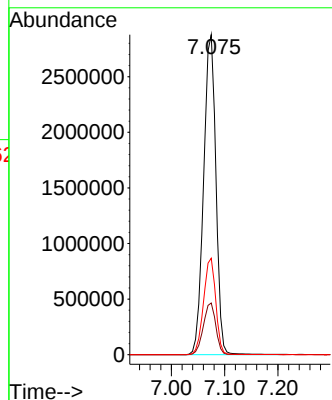
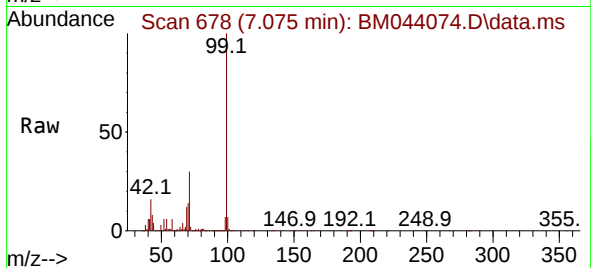




#7
Phenol-d6
Concen: 128.956 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

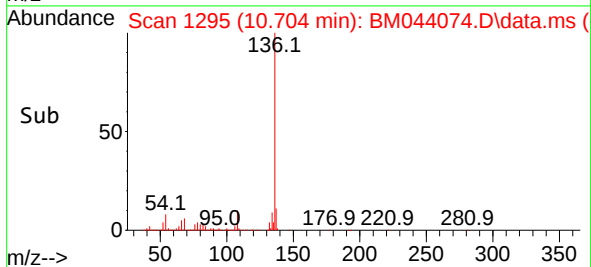
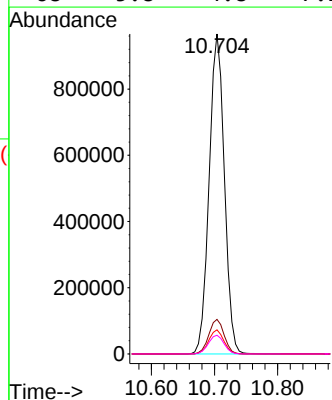
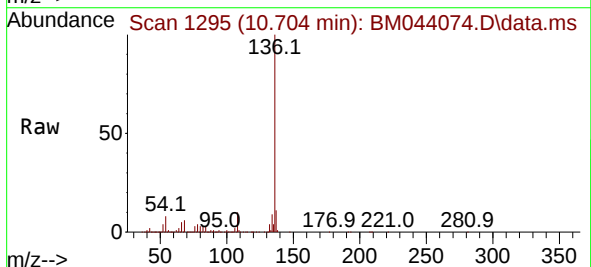
Instrument :
BNA_M
ClientSampleId :
PB158892BL

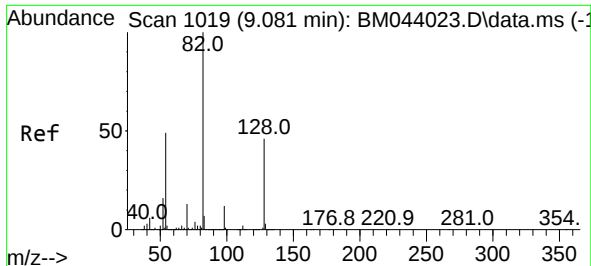
Tgt Ion: 99 Resp: 4603979
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 30.2 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

Tgt Ion: 136 Resp: 1620025
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 5.9 8.9
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.210 ng

RT: 9.075 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM044074.D

Acq: 14 Feb 2024 09:55

Instrument :

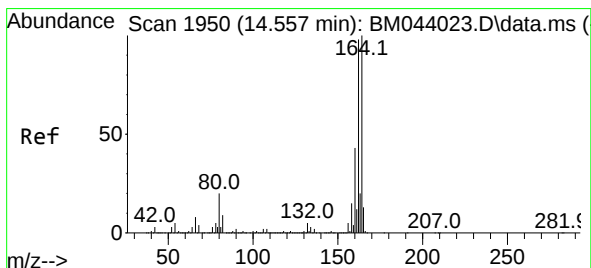
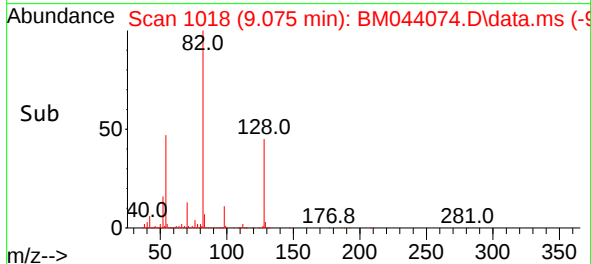
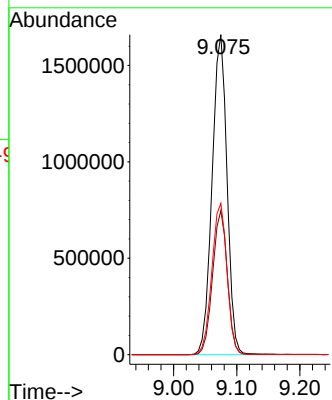
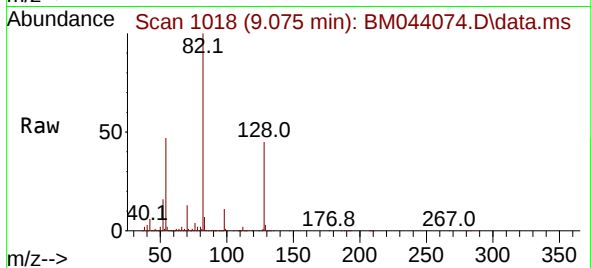
BNA_M

ClientSampleId :

PB158892BL

Tgt Ion: 82 Resp: 2723583

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.1	55.7
54	47.3	38.9	58.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

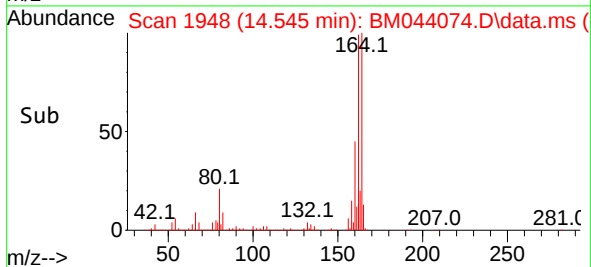
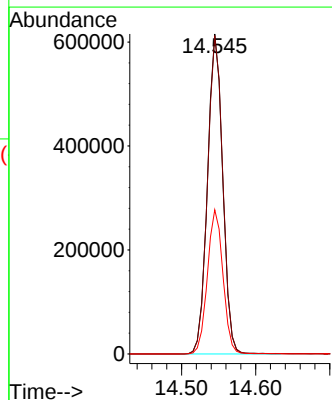
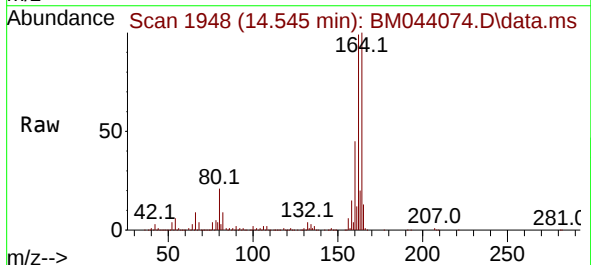
Delta R.T. -0.012 min

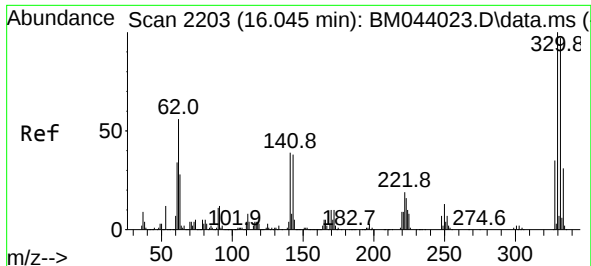
Lab File: BM044074.D

Acq: 14 Feb 2024 09:55

Tgt Ion: 164 Resp: 877125

Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.4	117.6
160	45.1	34.6	51.8

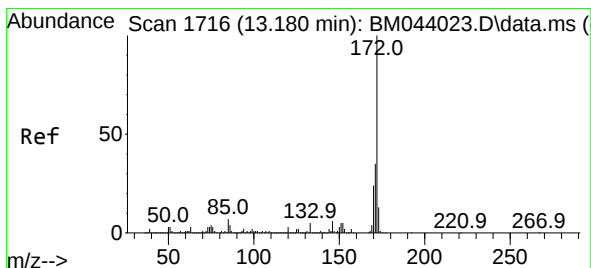
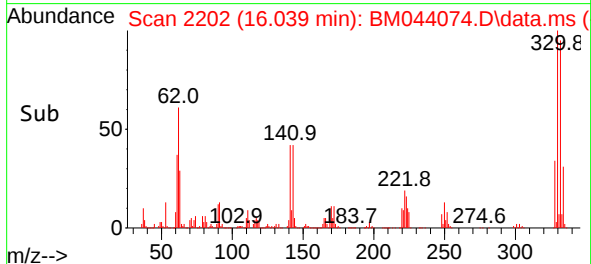
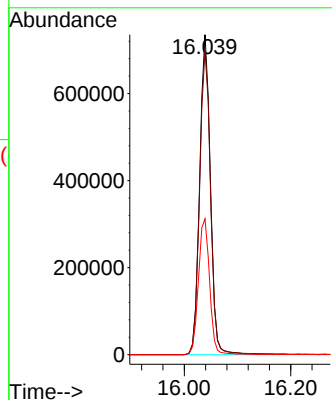
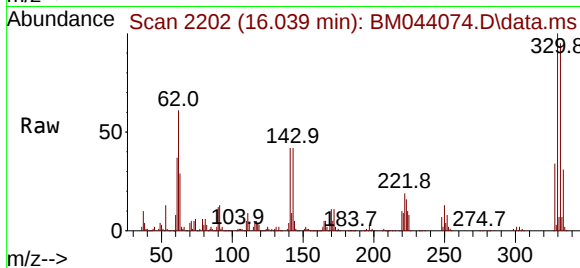




#42
2,4,6-Tribromophenol
Concen: 108.804 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

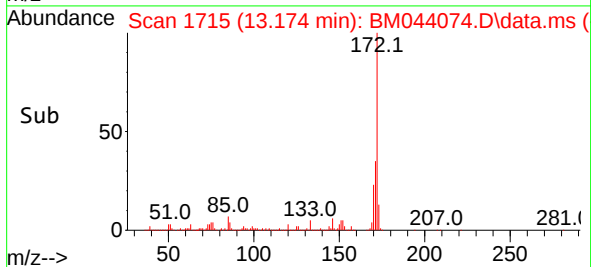
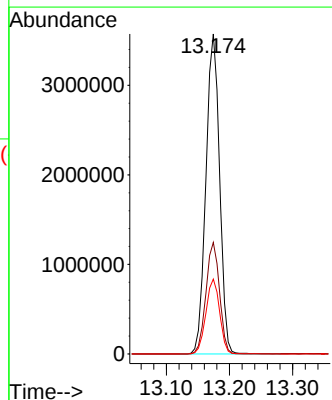
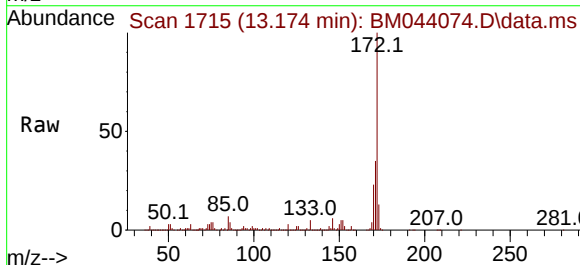
Instrument :
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ClientSampleId :
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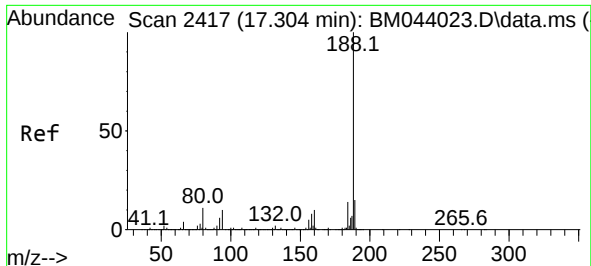
Tgt Ion:330 Resp: 1033295
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 43.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 86.684 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

Tgt Ion:172 Resp: 5387336
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.4 19.0 28.4

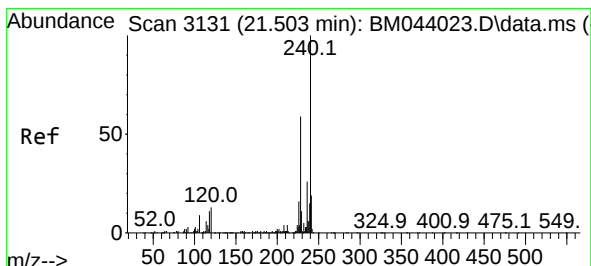
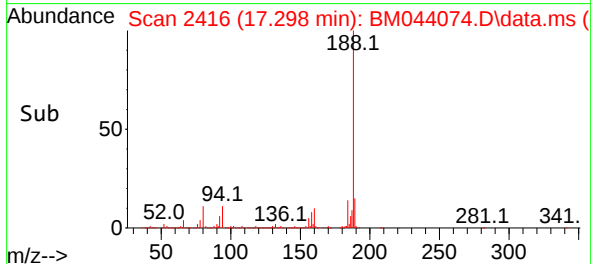
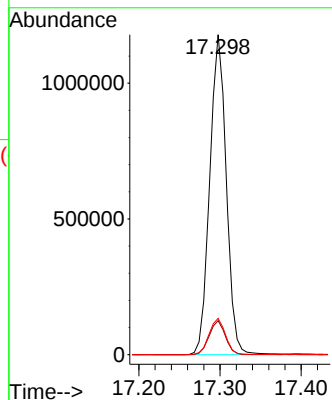
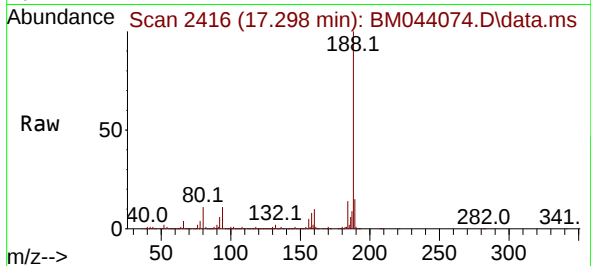




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

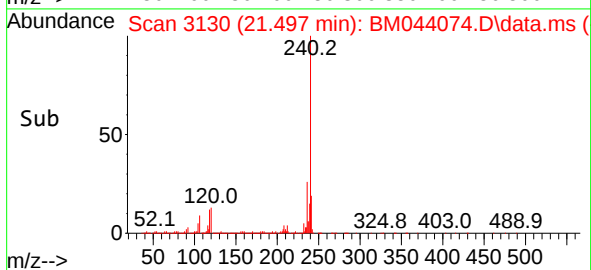
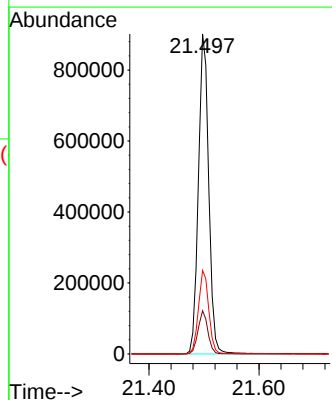
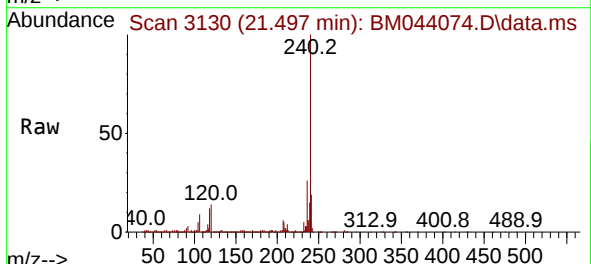
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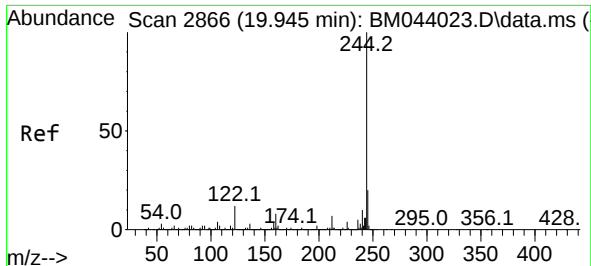
Tgt Ion:188 Resp: 1665945
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 11.3 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044074.D
Acq: 14 Feb 2024 09:55

Tgt Ion:240 Resp: 1177591
Ion Ratio Lower Upper
240 100
120 13.5 10.1 15.1
236 26.1 20.6 31.0

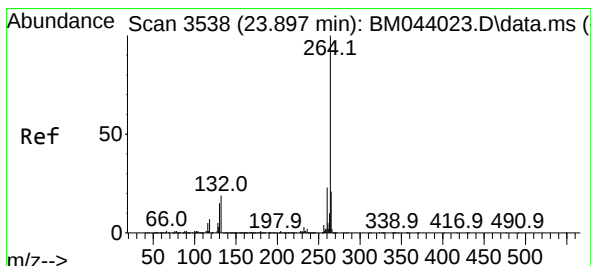
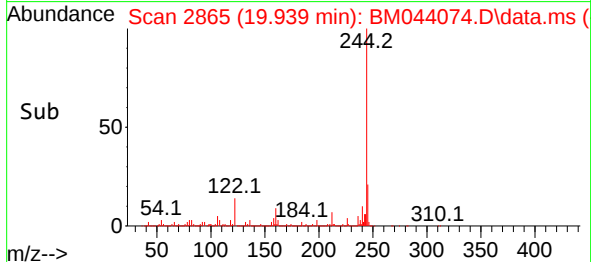
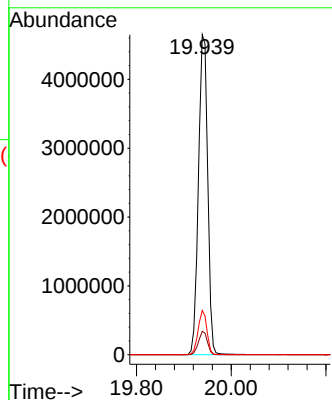
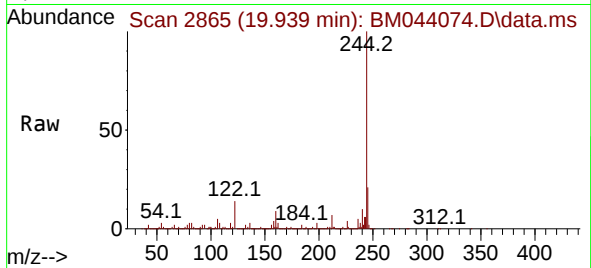




#79
 Terphenyl-d14
 Concen: 93.666 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044074.D
 Acq: 14 Feb 2024 09:55

Instrument :
 BNA_M
 ClientSampleId :
 PB158892BL

Tgt Ion:244 Resp: 6291957
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 13.8 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.891 min Scan# 3537
 Delta R.T. -0.006 min
 Lab File: BM044074.D
 Acq: 14 Feb 2024 09:55

Tgt Ion:264 Resp: 1233443
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.9 17.3 25.9

