

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021324\
 Data File : BM044070.D
 Acq On : 13 Feb 2024 17:06
 Operator : MA/JU
 Sample : PB158579BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158579BL

Quant Time: Feb 14 00:58:17 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	511613	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1998087	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1105701	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2087094	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1473029	20.000	ng	0.00
86) Perylene-d12	23.891	264	1523051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4786217	136.064	ng	0.00
7) Phenol-d6	7.075	99	5840954	130.506	ng	0.00
23) Nitrobenzene-d5	9.075	82	3344151	88.811	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1503265	125.568	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6671562	85.156	ng	0.00
79) Terphenyl-d14	19.939	244	7701720	91.657	ng	0.00

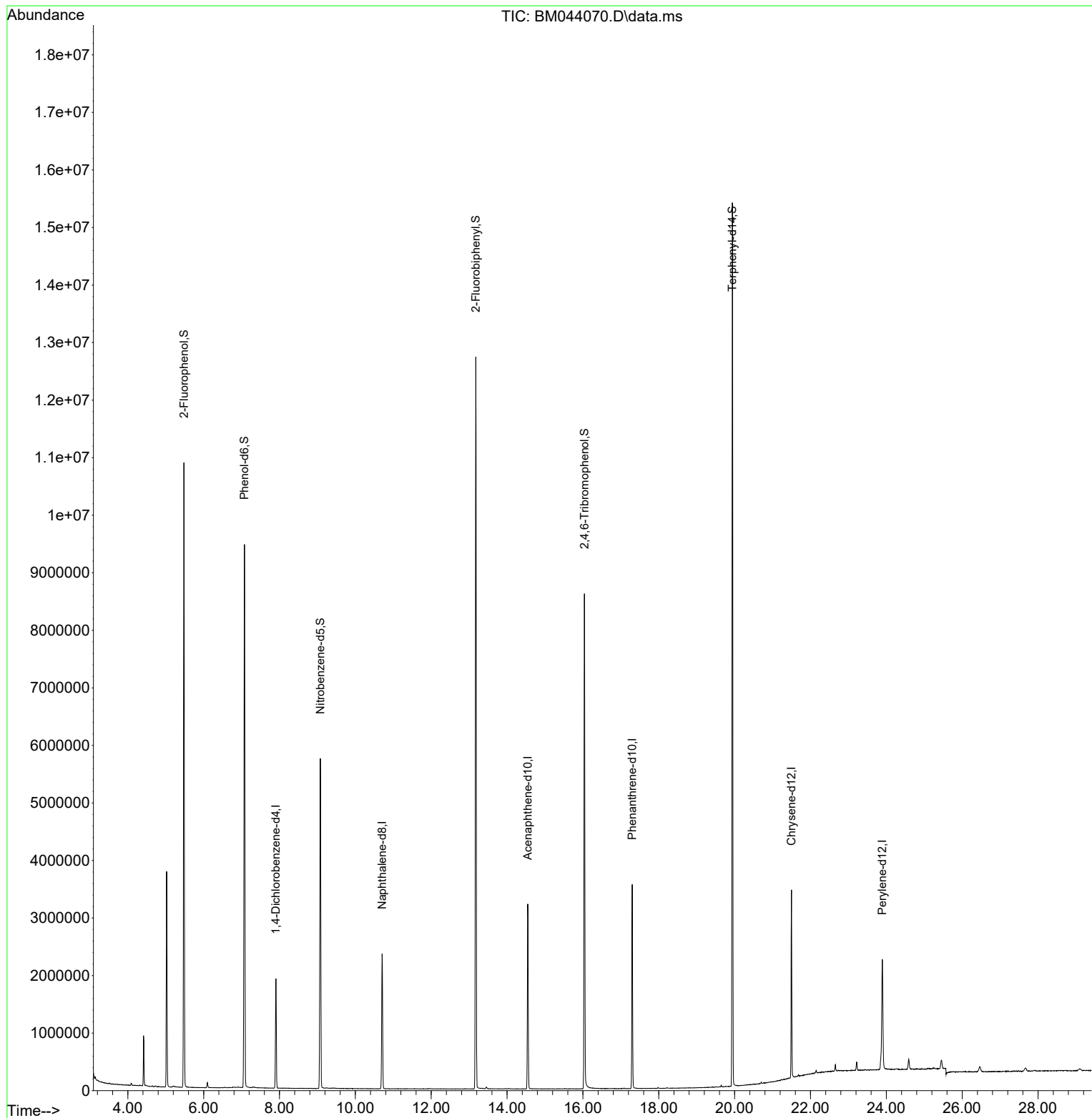
Target Compounds	Qvalue

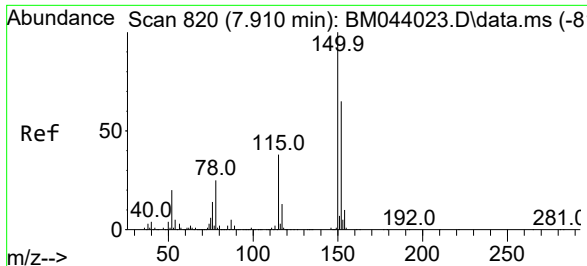
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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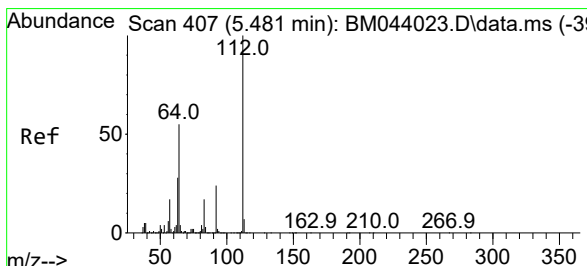
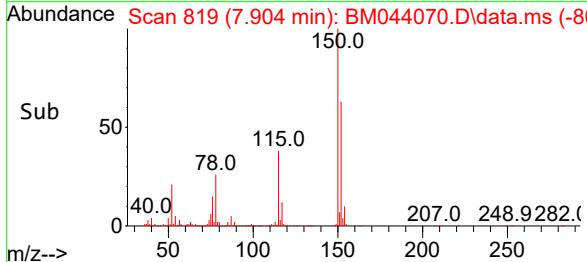
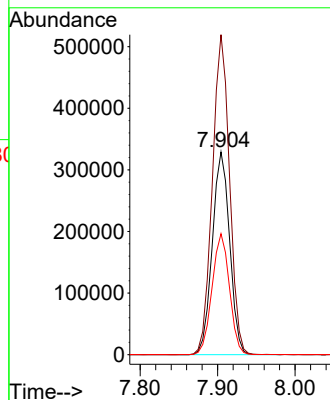
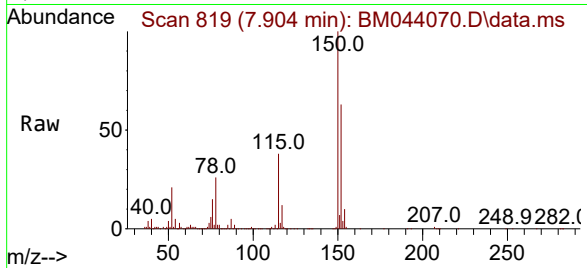




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044070.D
 Acq: 13 Feb 2024 17:06

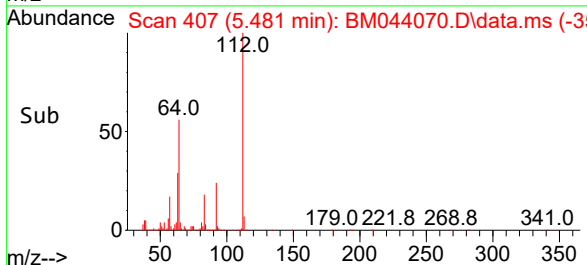
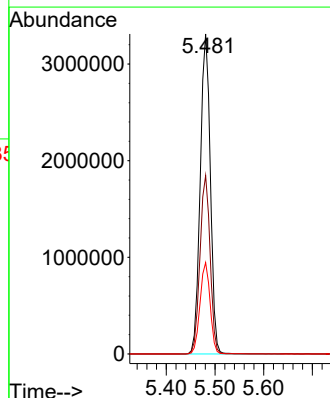
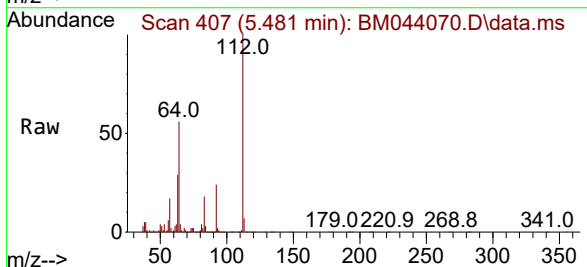
Instrument :
 BNA_M
 ClientSampleId :
 PB158579BL

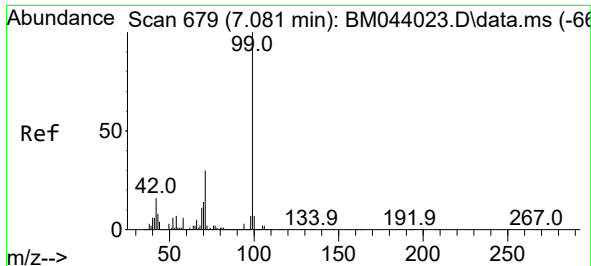
Tgt Ion:152 Resp: 511613
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.7 184.1
 115 59.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 136.064 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044070.D
 Acq: 13 Feb 2024 17:06

Tgt Ion:112 Resp: 4786217
 Ion Ratio Lower Upper
 112 100
 64 55.8 44.2 66.4
 63 28.6 22.6 34.0

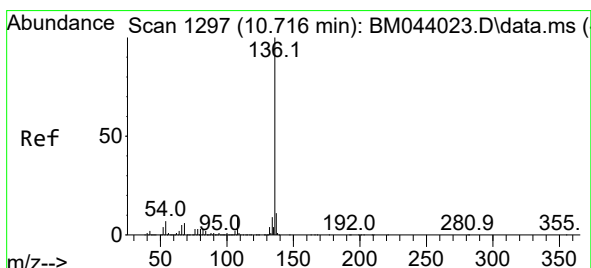
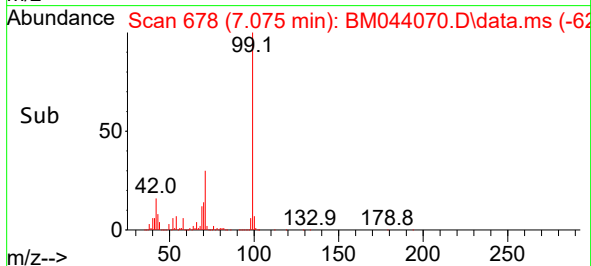
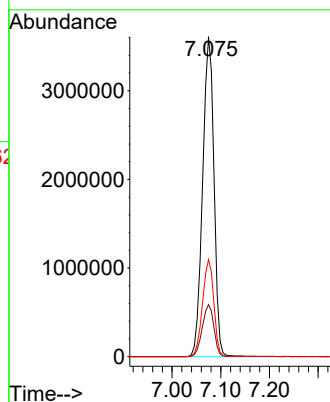
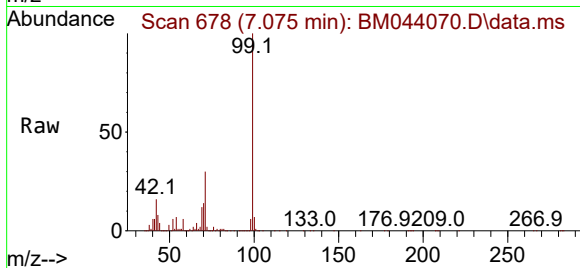




#7
Phenol-d6
Concen: 130.506 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044070.D
Acq: 13 Feb 2024 17:06

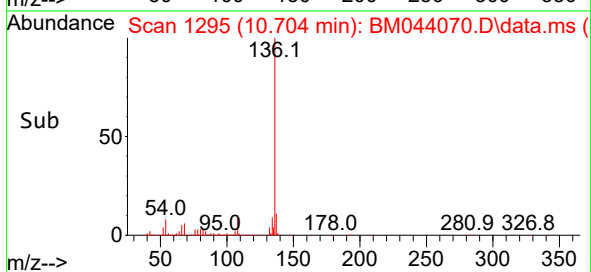
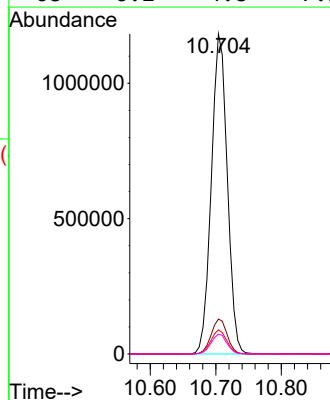
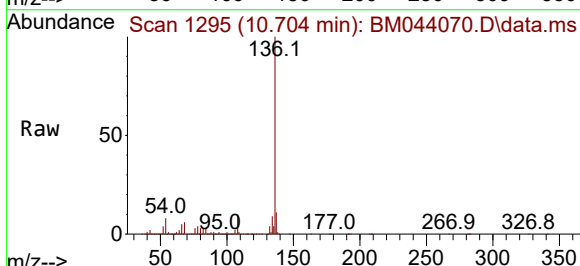
Instrument :
BNA_M
ClientSampleId :
PB158579BL

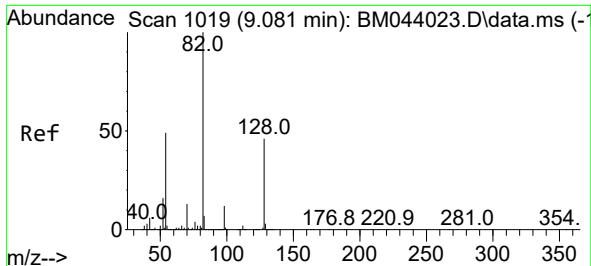
Tgt Ion: 99 Resp: 5840954
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 30.3 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044070.D
Acq: 13 Feb 2024 17:06

Tgt Ion:136 Resp: 1998087
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 5.9 8.9
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 88.811 ng

RT: 9.075 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BM044070.D

Acq: 13 Feb 2024 17:06

Instrument :

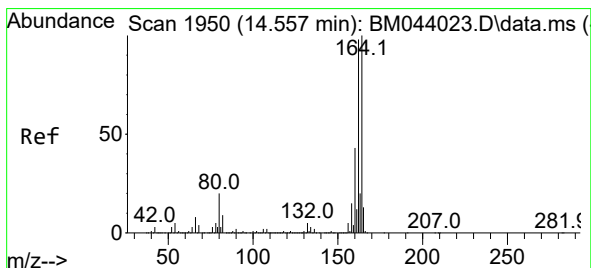
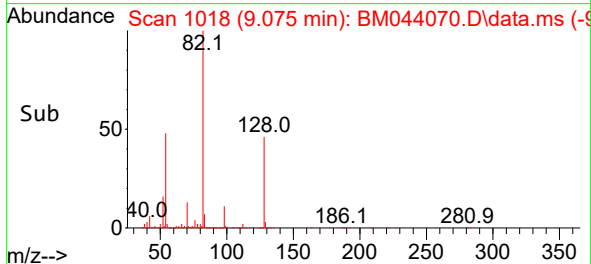
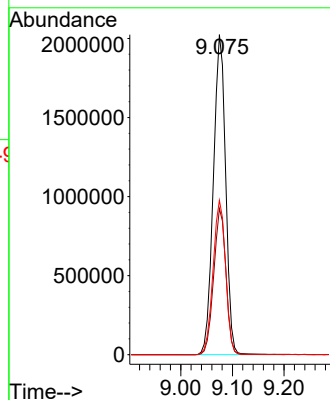
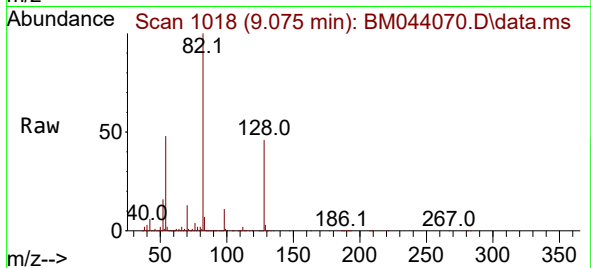
BNA_M

ClientSampleId :

PB158579BL

Tgt Ion: 82 Resp: 3344151

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.1	55.7
54	48.2	38.9	58.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

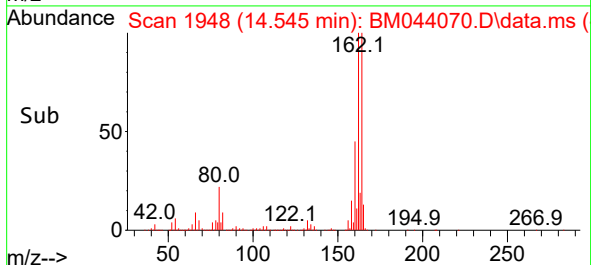
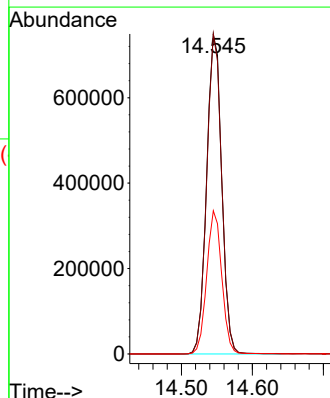
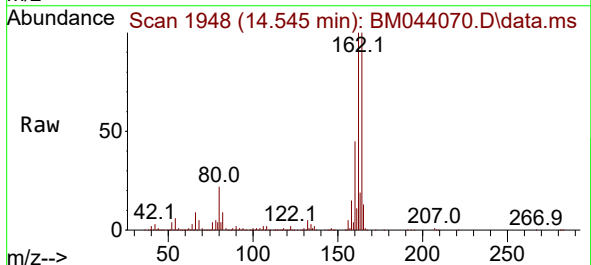
Delta R.T. -0.012 min

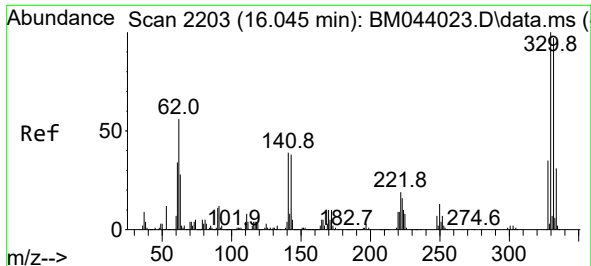
Lab File: BM044070.D

Acq: 13 Feb 2024 17:06

Tgt Ion: 164 Resp: 1105701

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.4	117.6
160	44.8	34.6	51.8

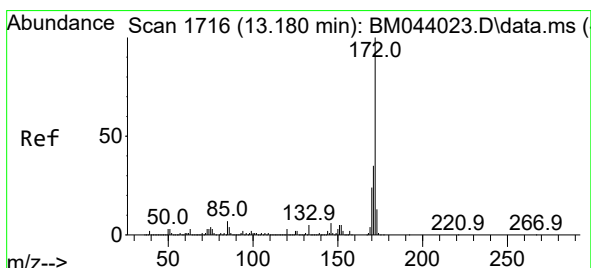
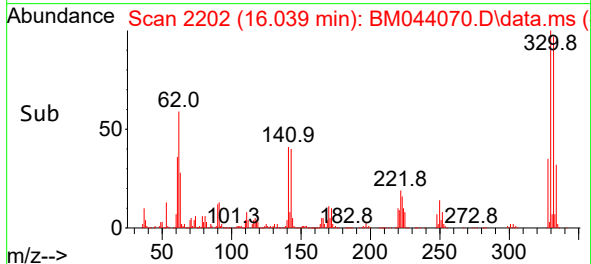
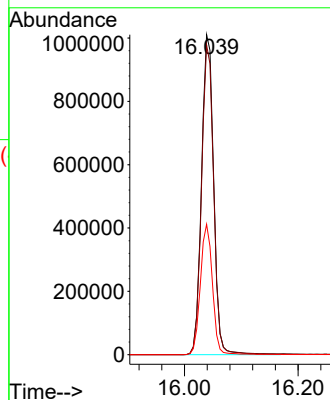
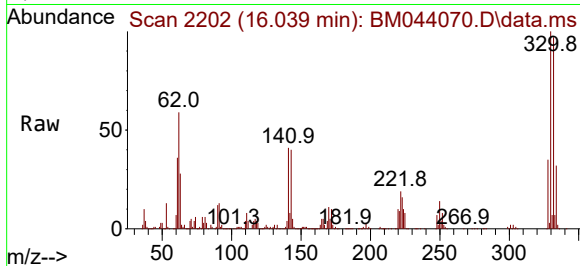




#42
2,4,6-Tribromophenol
Concen: 125.568 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044070.D
Acq: 13 Feb 2024 17:06

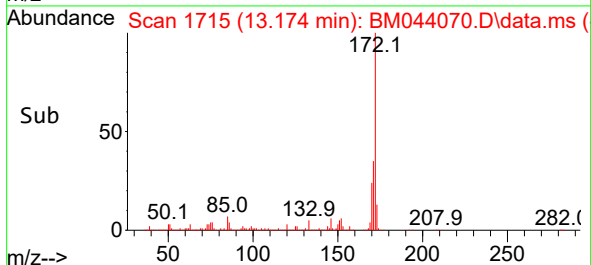
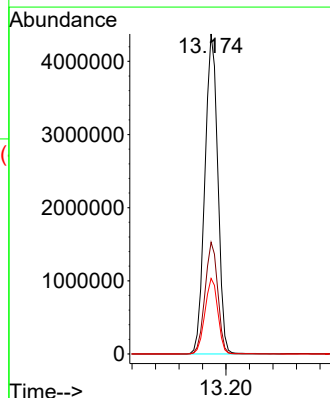
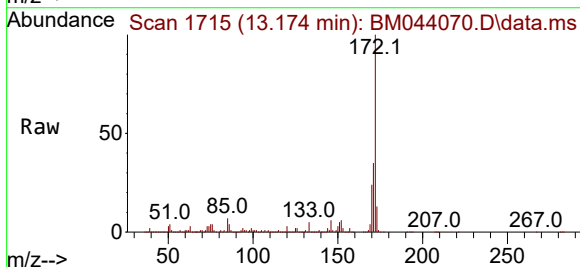
Instrument :
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ClientSampleId :
PB158579BL

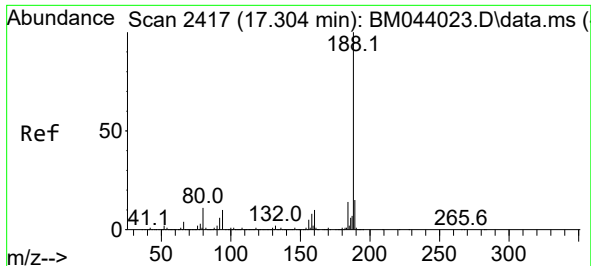
Tgt Ion:330 Resp: 1503265
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 40.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 85.156 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044070.D
Acq: 13 Feb 2024 17:06

Tgt Ion:172 Resp: 6671562
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.6 19.0 28.4

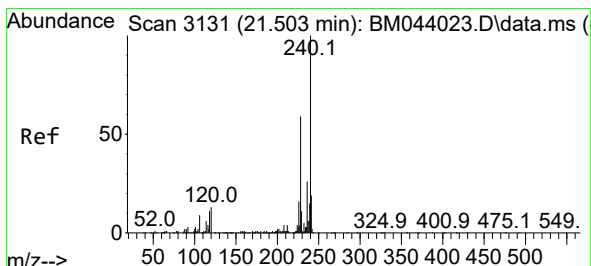
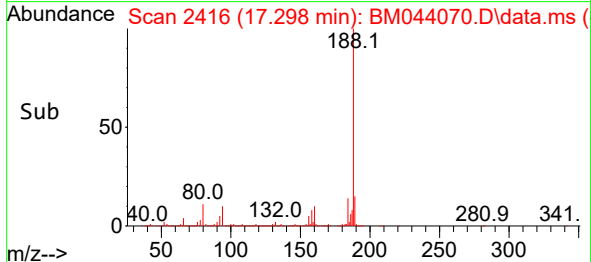
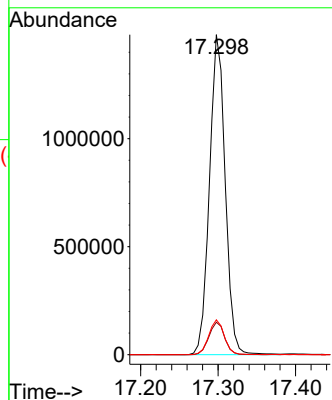
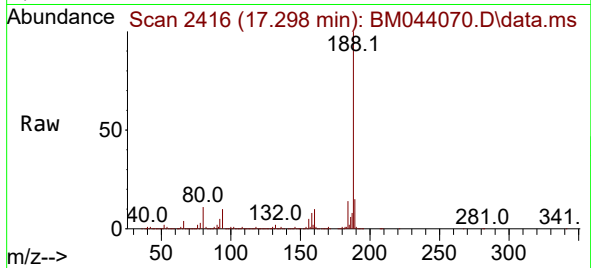




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 241
Delta R.T. -0.006 min
Lab File: BM044070.D
Acq: 13 Feb 2024 17:06

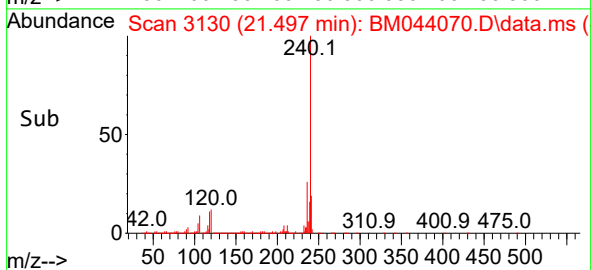
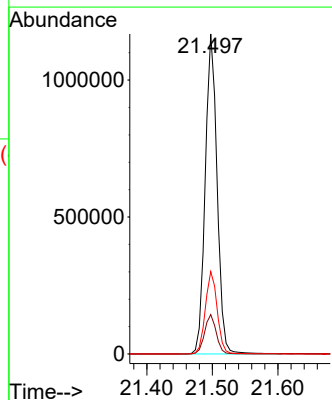
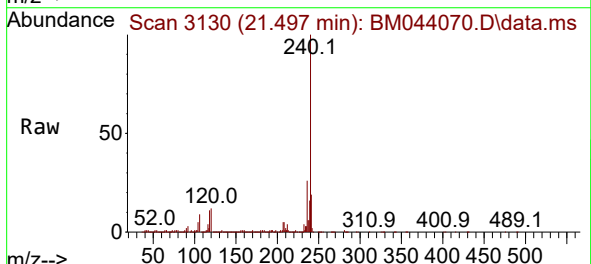
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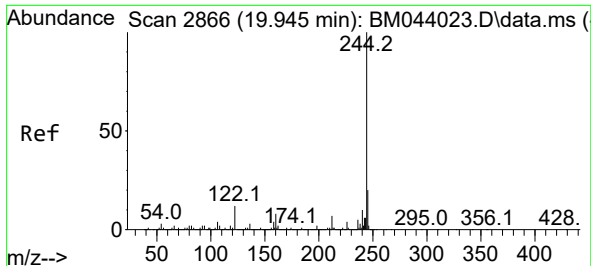
Tgt Ion:188 Resp: 2087094
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.9 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044070.D
Acq: 13 Feb 2024 17:06

Tgt Ion:240 Resp: 1473029
Ion Ratio Lower Upper
240 100
120 12.3 10.1 15.1
236 25.8 20.6 31.0

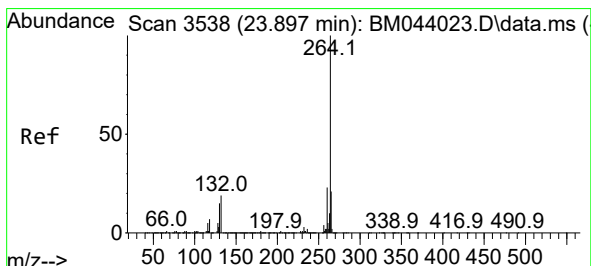
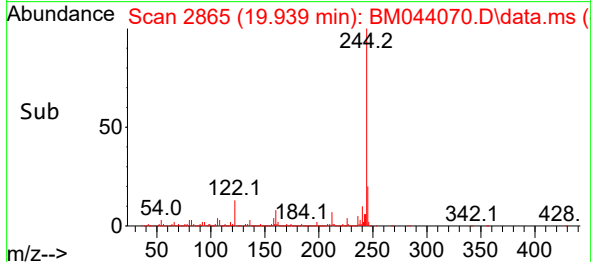
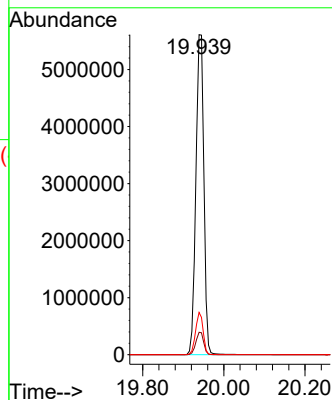
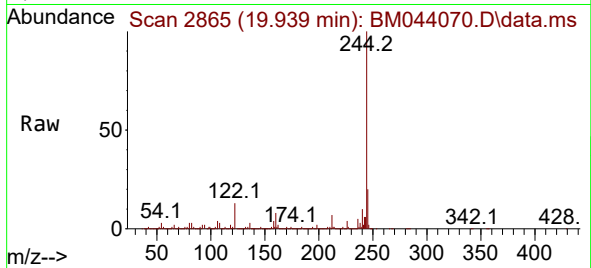




#79
 Terphenyl-d14
 Concen: 91.657 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044070.D
 Acq: 13 Feb 2024 17:06

Instrument :
 BNA_M
 ClientSampleId :
 PB158579BL

Tgt Ion:244 Resp: 7701720
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 13.2 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: BM044070.D
 Acq: 13 Feb 2024 17:06

Tgt Ion:264 Resp: 1523051
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.3 17.3 25.9

