

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021324\
 Data File : BM044069.D
 Acq On : 13 Feb 2024 15:42
 Operator : MA/JU
 Sample : PB158578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

Quant Time: Feb 13 19:01:34 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	456195	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1869095	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1047217	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2051757	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1469754	20.000	ng	0.00
86) Perylene-d12	23.897	264	1529106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4120495	131.369	ng	0.00
7) Phenol-d6	7.075	99	5098134	127.746	ng	0.00
23) Nitrobenzene-d5	9.075	82	3031135	86.054	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1341617	118.324	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	6037280	81.364	ng	0.00
79) Terphenyl-d14	19.945	244	7359366	87.778	ng	0.00

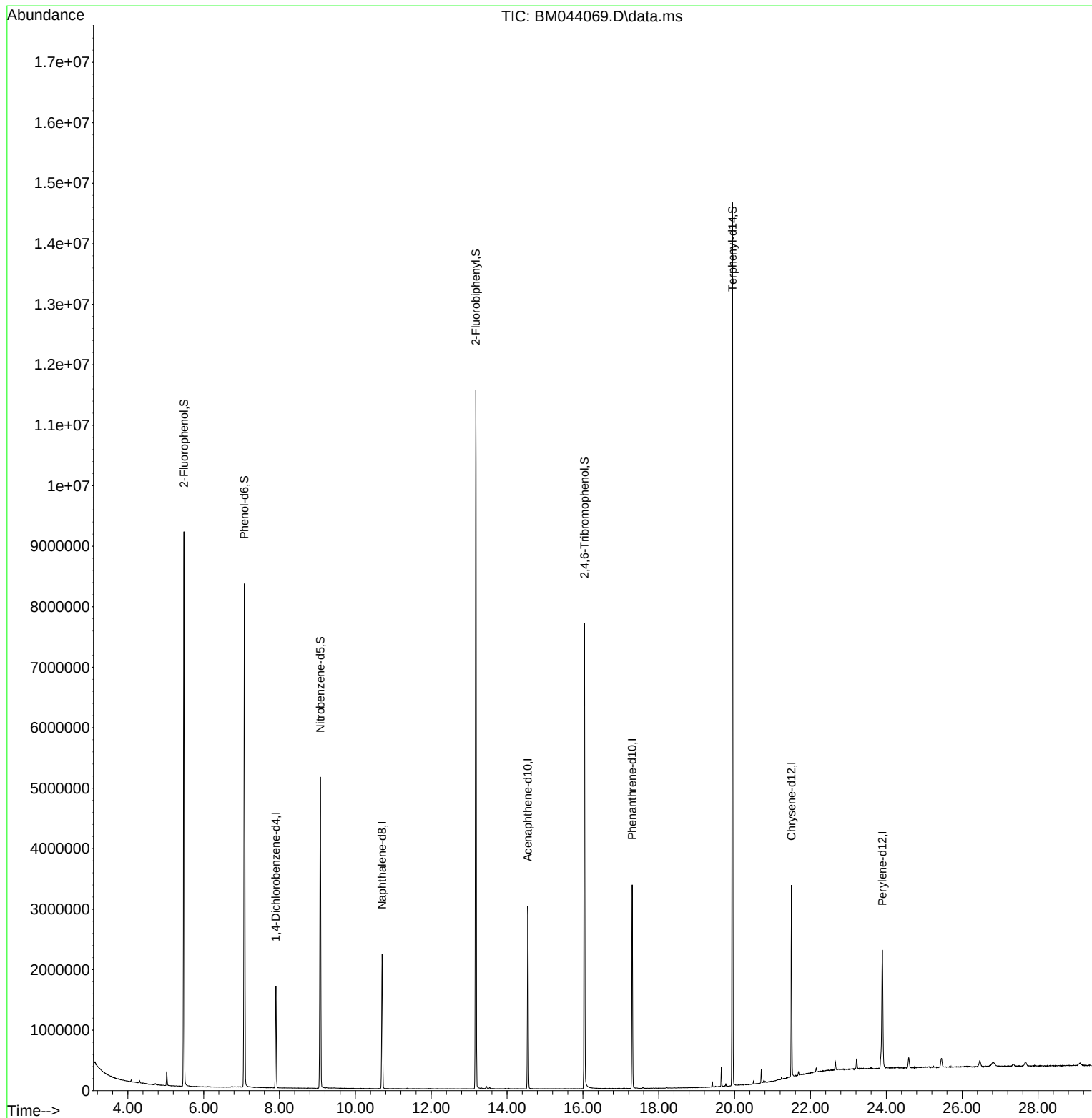
Target Compounds	Qvalue

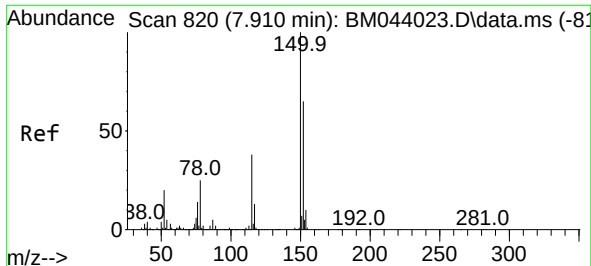
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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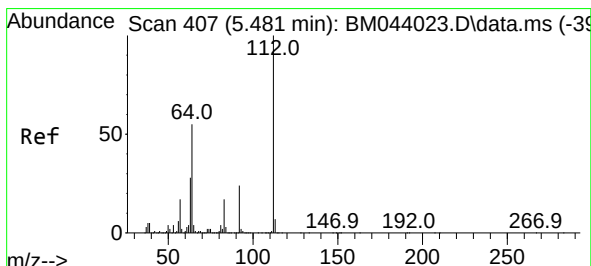
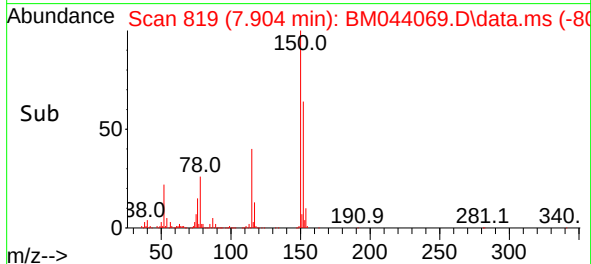
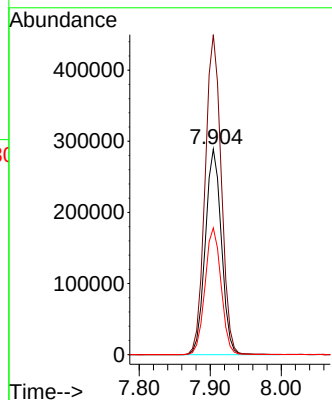
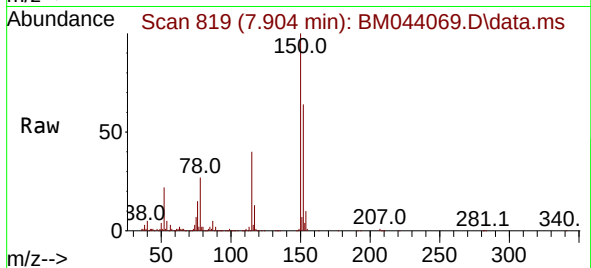




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

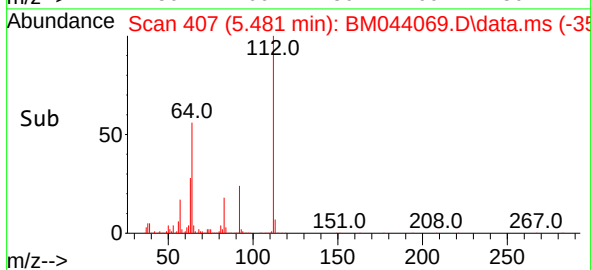
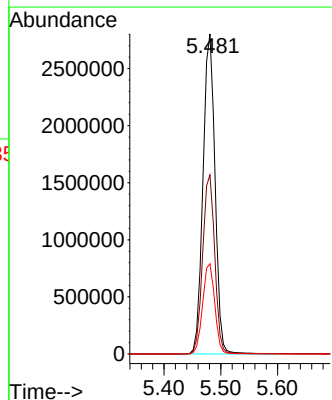
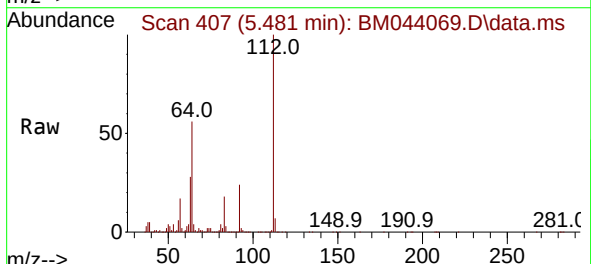
Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

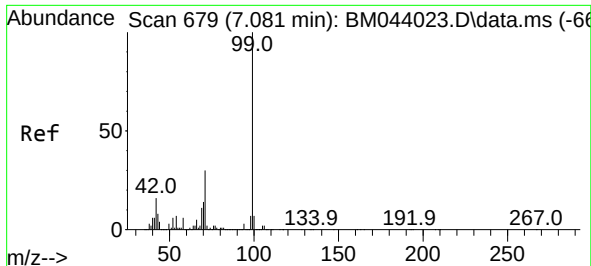
Tgt Ion:152 Resp: 456195
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 61.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 131.369 ng
 RT: 5.481 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

Tgt Ion:112 Resp: 4120495
 Ion Ratio Lower Upper
 112 100
 64 56.0 44.2 66.4
 63 28.2 22.6 34.0

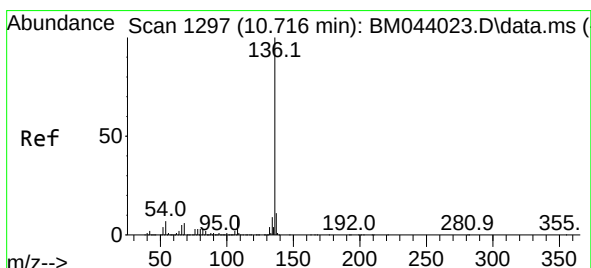
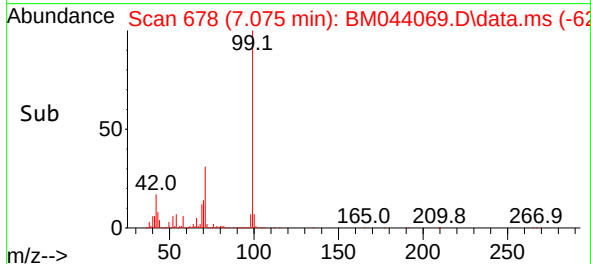
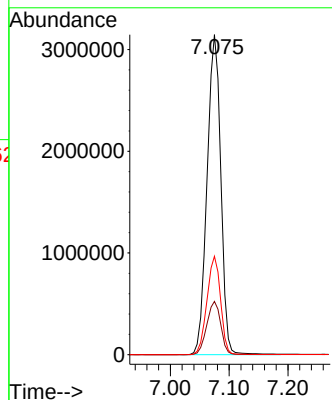
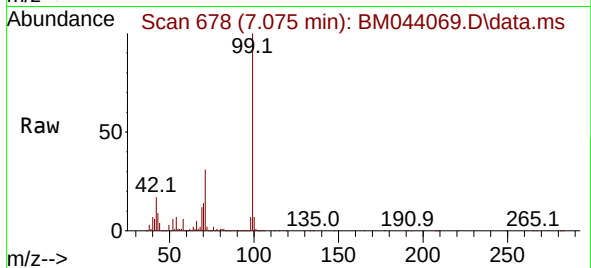




#7
Phenol-d6
Concen: 127.746 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

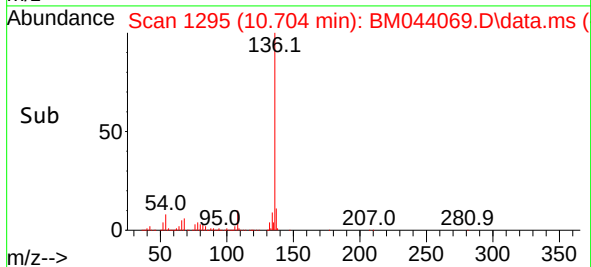
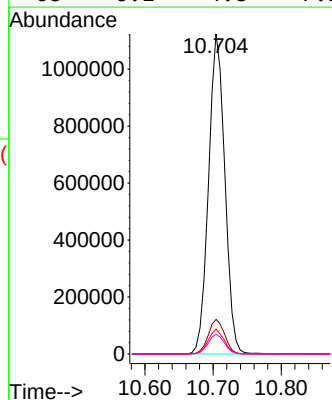
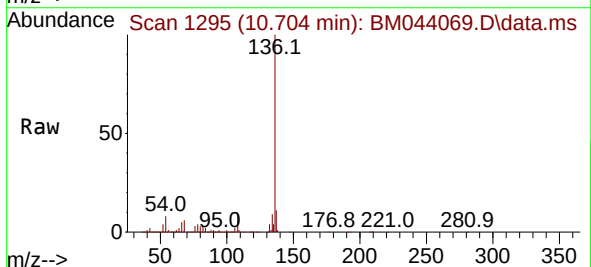
Instrument :
BNA_M
ClientSampleId :
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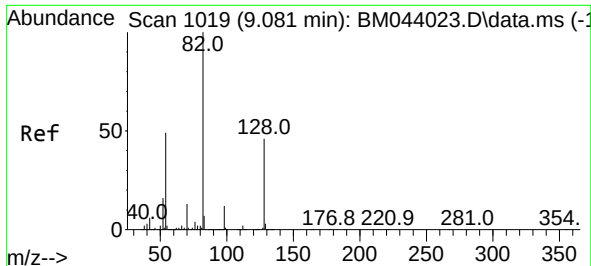
Tgt Ion: 99 Resp: 5098134
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.7 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:136 Resp: 1869095
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 5.9 8.9
68 6.1 4.8 7.2

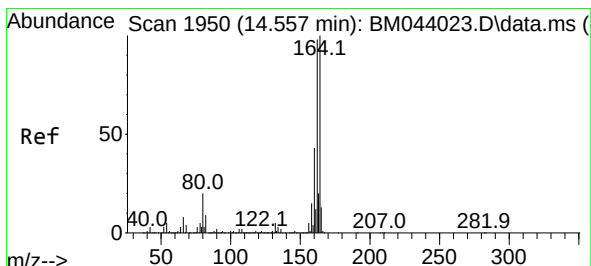
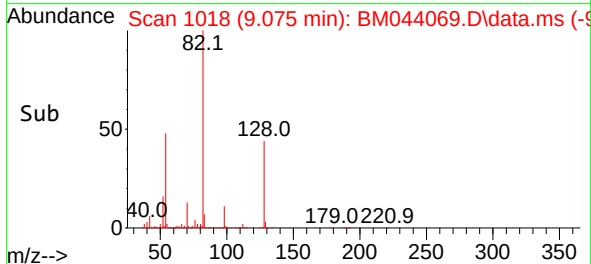
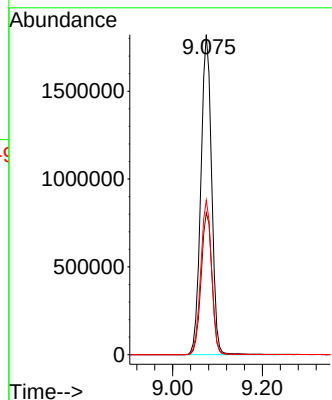
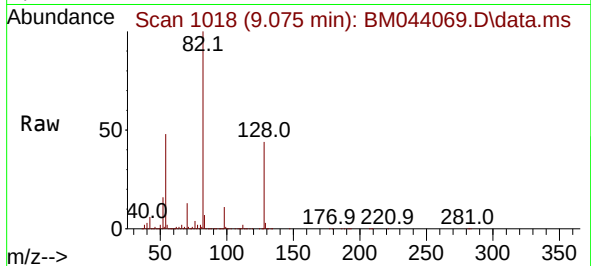




#23
Nitrobenzene-d5
Concen: 86.054 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

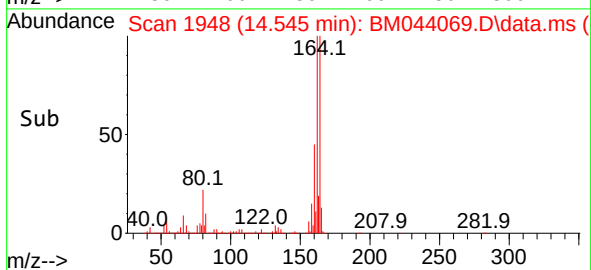
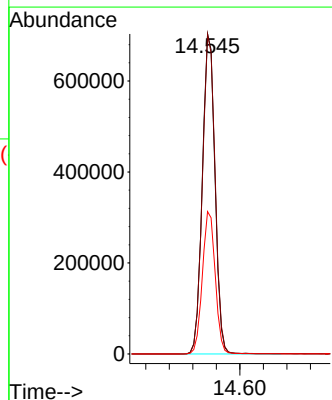
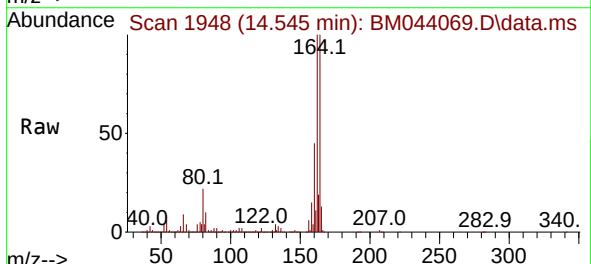
Instrument :
BNA_M
ClientSampleId :
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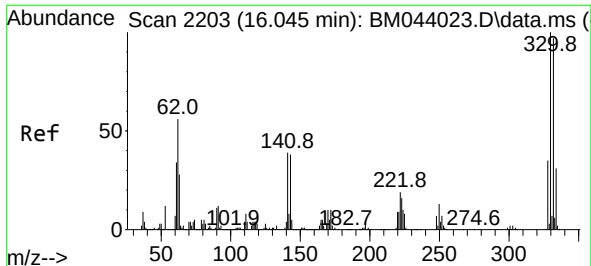
Tgt Ion: 82 Resp: 3031135
Ion Ratio Lower Upper
82 100
128 44.4 37.1 55.7
54 48.3 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:164 Resp: 1047217
Ion Ratio Lower Upper
164 100
162 100.0 78.4 117.6
160 44.5 34.6 51.8

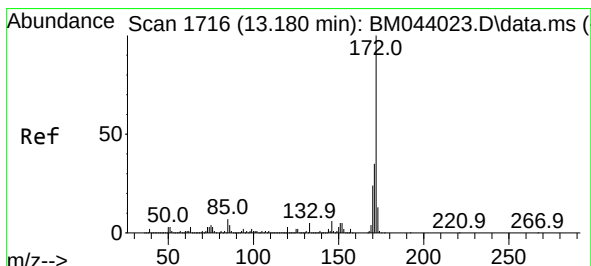
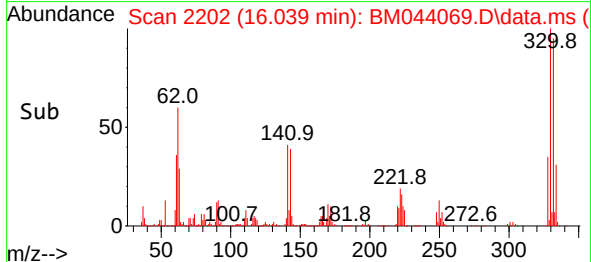
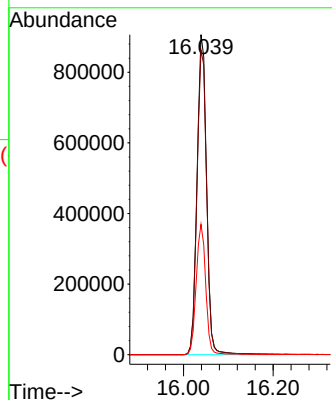
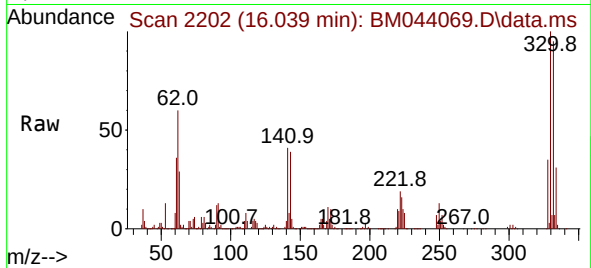




#42
2,4,6-Tribromophenol
Concen: 118.324 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

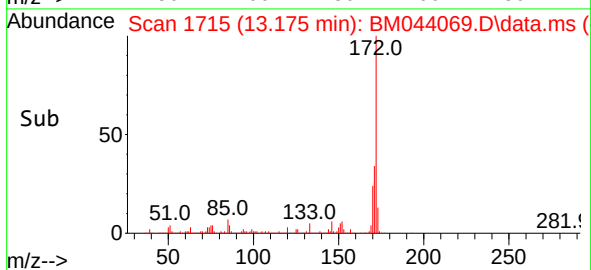
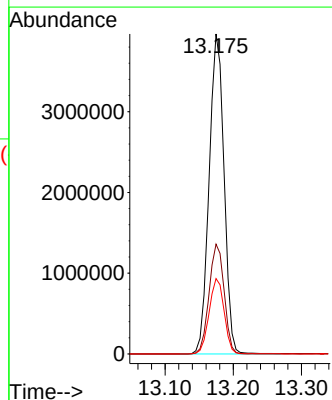
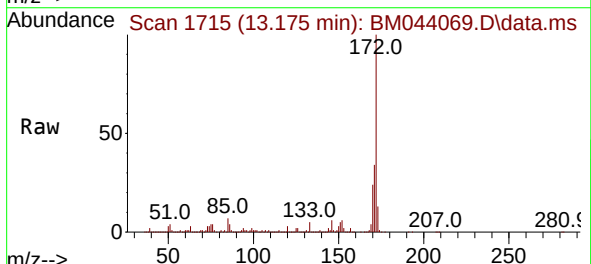
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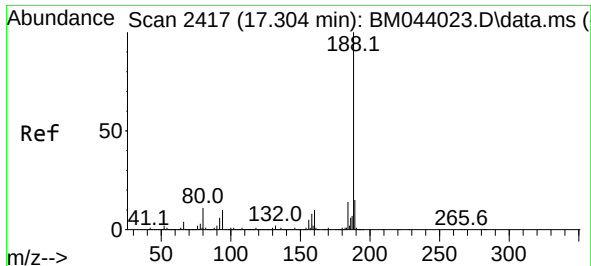
Tgt Ion:330 Resp: 1341617
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 40.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 81.364 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:172 Resp: 6037280
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.5 19.0 28.4

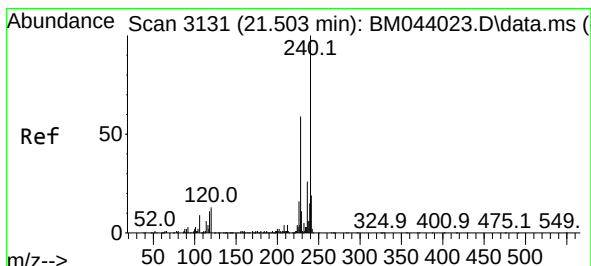
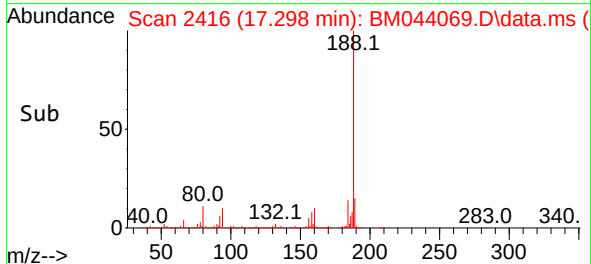
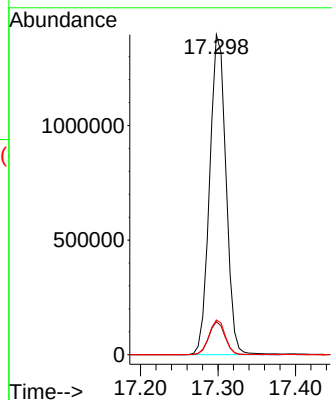
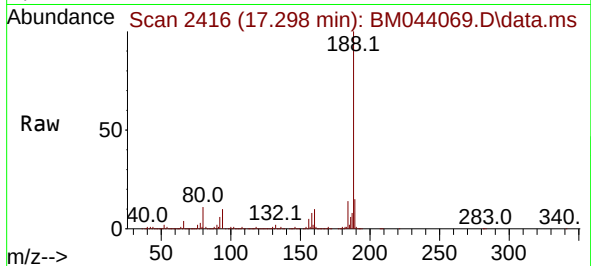




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

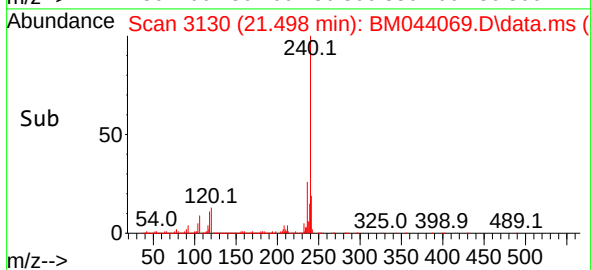
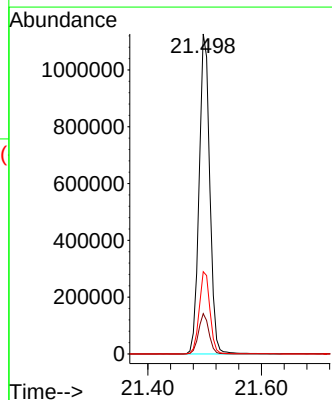
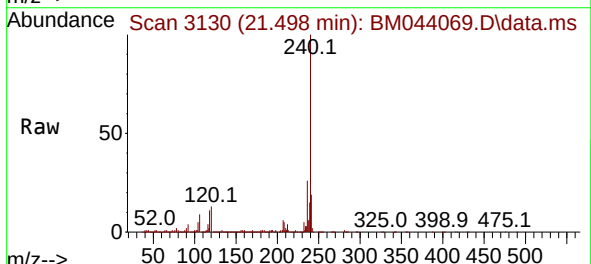
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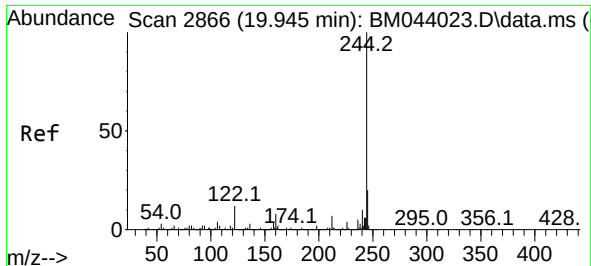
Tgt Ion:188 Resp: 2051757
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.8 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044069.D
Acq: 13 Feb 2024 15:42

Tgt Ion:240 Resp: 1469754
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.7 20.6 31.0

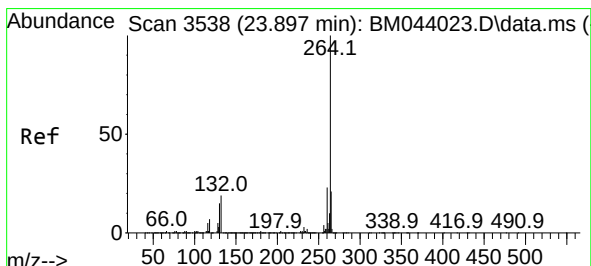
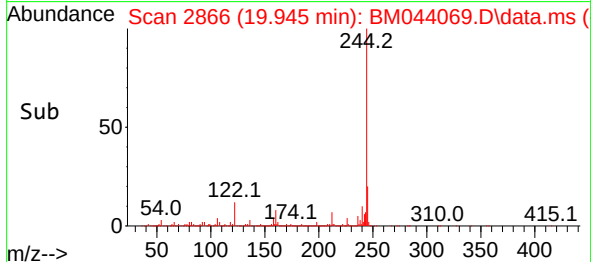
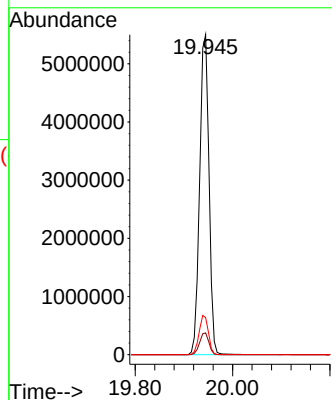
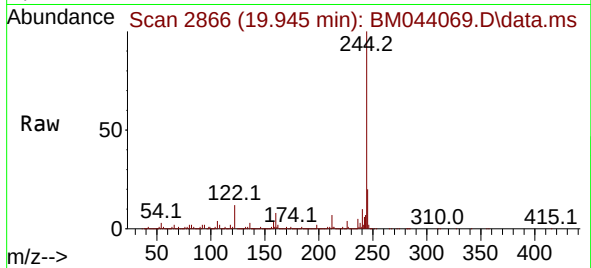




#79
 Terphenyl-d14
 Concen: 87.778 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

Instrument :
 BNA_M
 ClientSampleId :
 PB158578BL

Tgt Ion:244 Resp: 7359366
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.6 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.897 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: BM044069.D
 Acq: 13 Feb 2024 15:42

Tgt Ion:264 Resp: 1529106
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.8 17.3 25.9

