

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044078.D
 Acq On : 14 Feb 2024 12:21
 Operator : MA/JU
 Sample : PB158940TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158940TB

Quant Time: Feb 14 12:51:13 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	568350	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2331821	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1352782	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2642108	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1662831	20.000	ng	0.00
86) Perylene-d12	23.897	264	1546239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4793536	122.669	ng	0.00
7) Phenol-d6	7.075	99	5973484	120.143	ng	0.00
23) Nitrobenzene-d5	9.075	82	3464981	78.850	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1558599	106.411	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	6994550	72.972	ng	0.00
79) Terphenyl-d14	19.945	244	8014213	84.490	ng	0.00

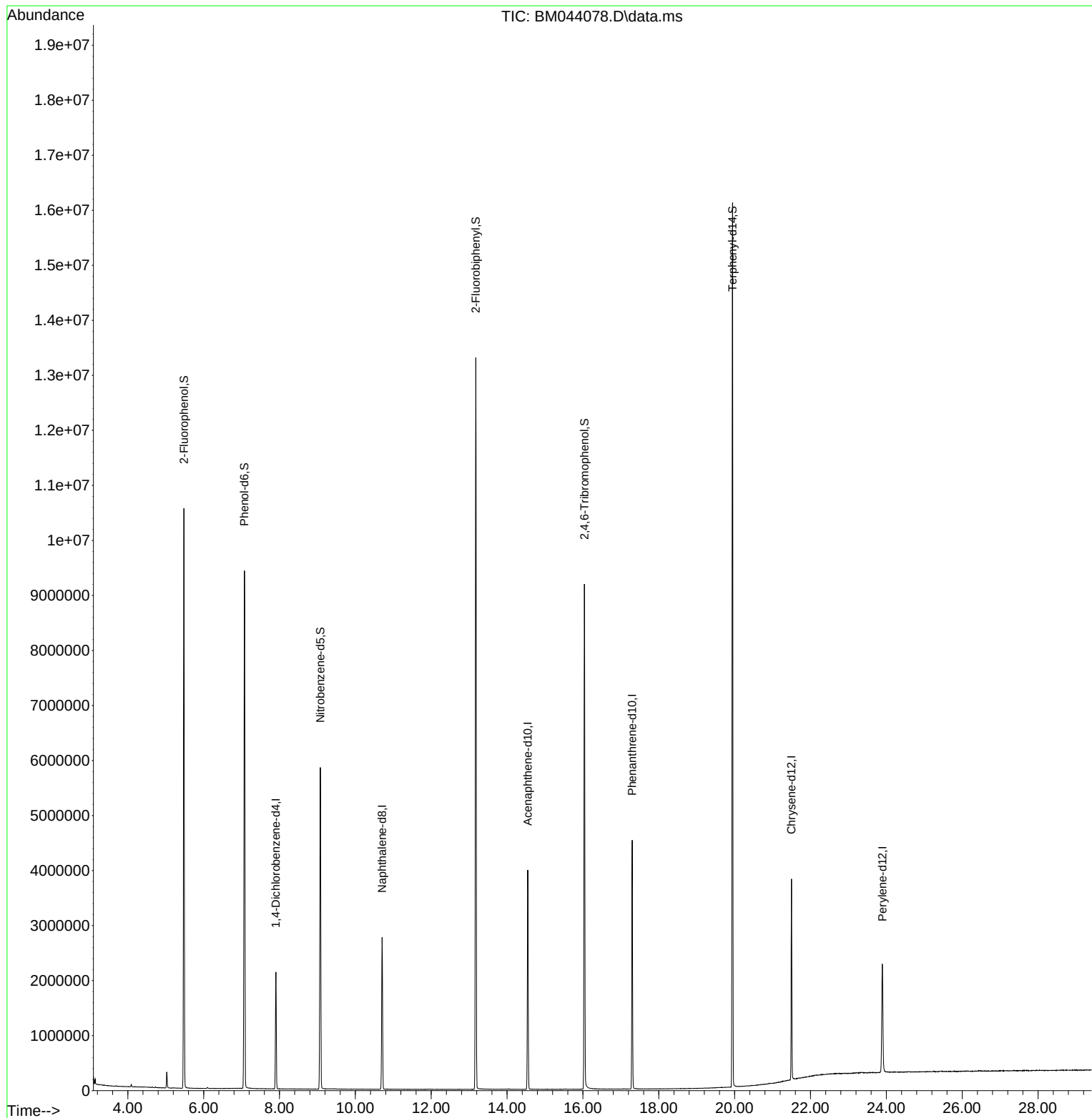
Target Compounds	Qvalue

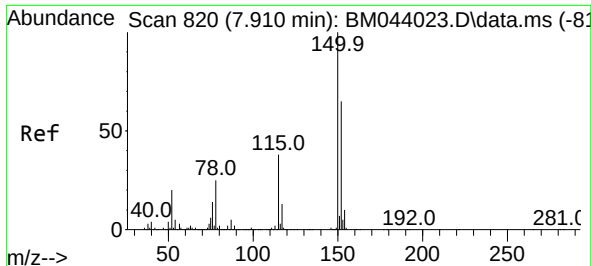
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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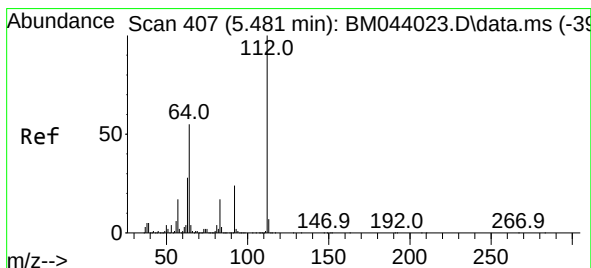
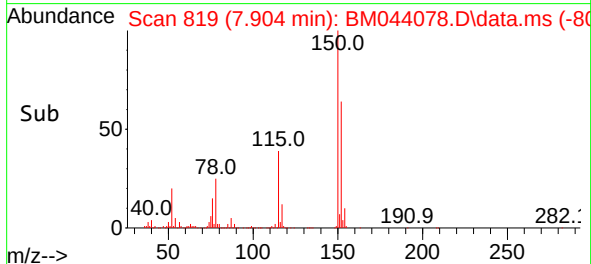
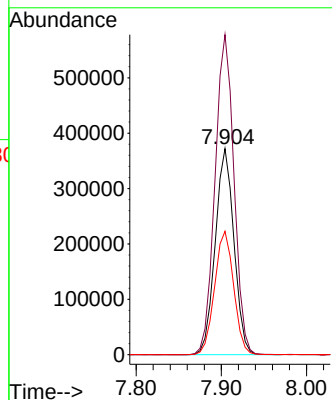
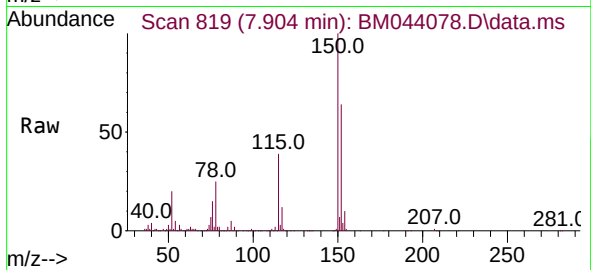




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

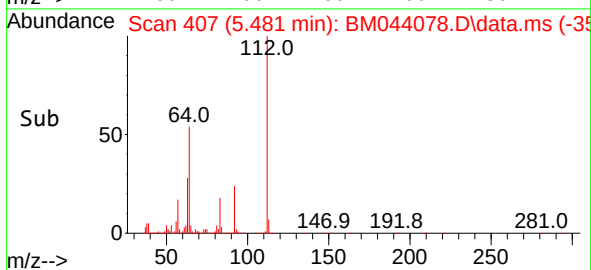
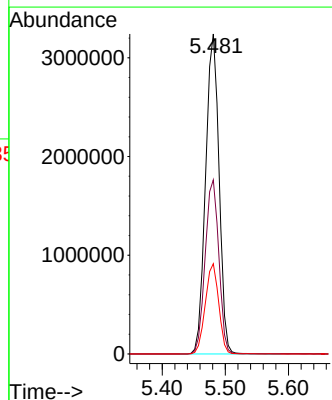
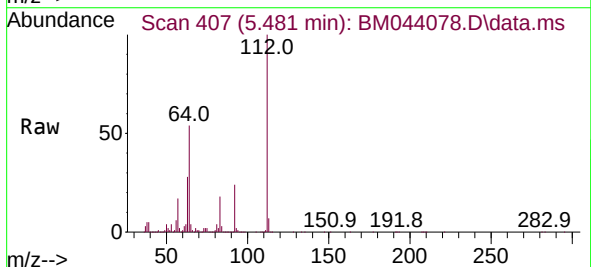
Instrument :
BNA_M
ClientSampleId :
PB158940TB

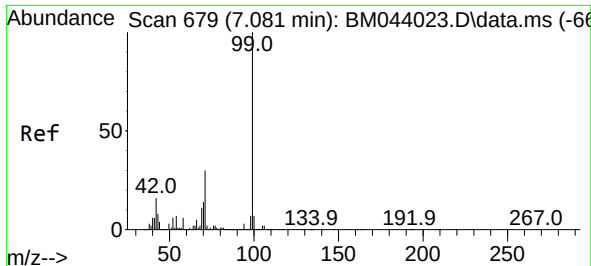
Tgt Ion:152 Resp: 568350
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 59.9 47.0 70.6



#5
2-Fluorophenol
Concen: 122.669 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

Tgt Ion:112 Resp: 4793536
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.4
63 28.2 22.6 34.0



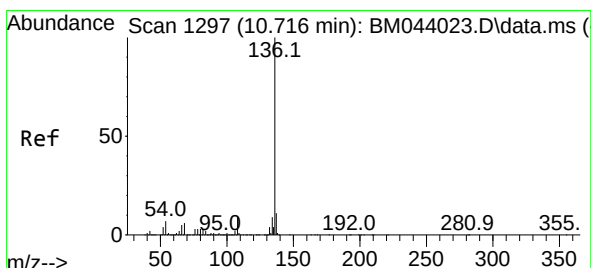
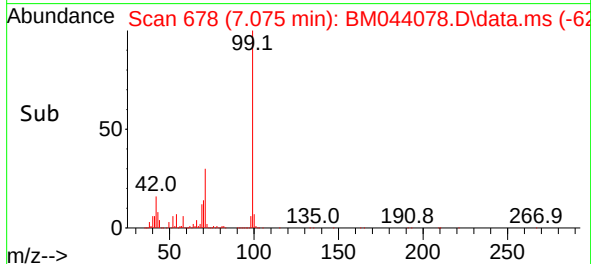
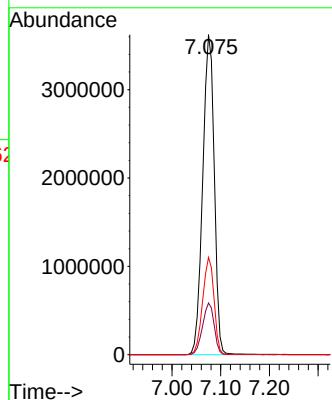
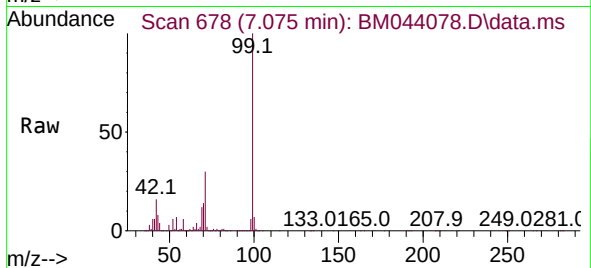


#7
Phenol-d6
Concen: 120.143 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

Instrument :
BNA_M
ClientSampleId :
PB158940TB

Tgt Ion: 99 Resp: 5973484

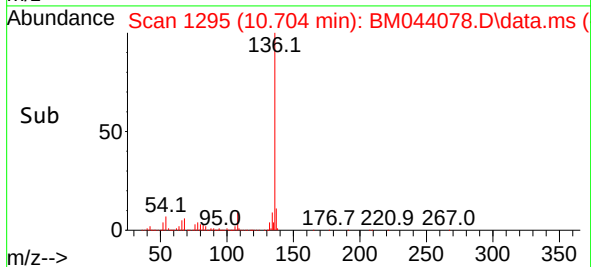
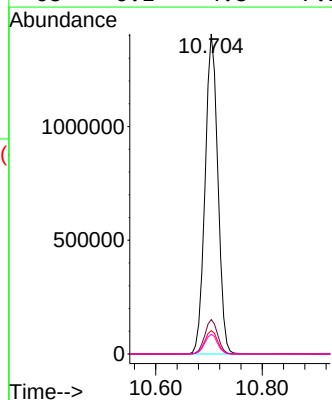
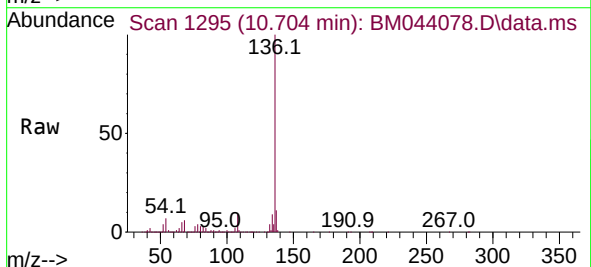
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	30.4	23.9	35.9

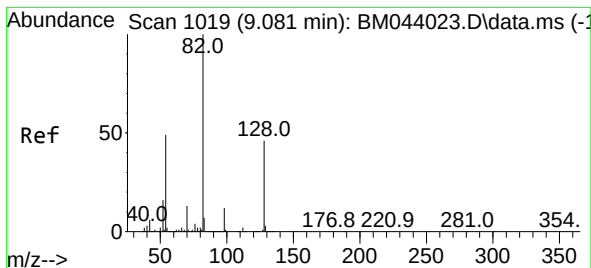


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

Tgt Ion: 136 Resp: 2331821

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	5.9	8.9
68	6.1	4.8	7.2

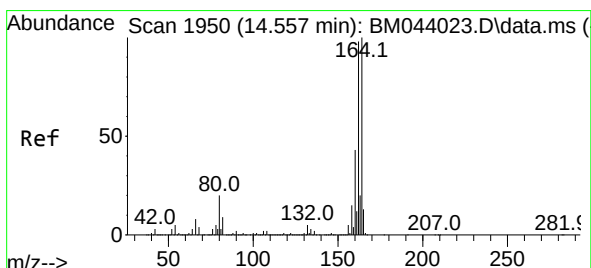
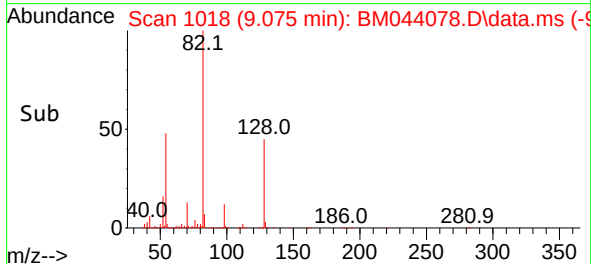
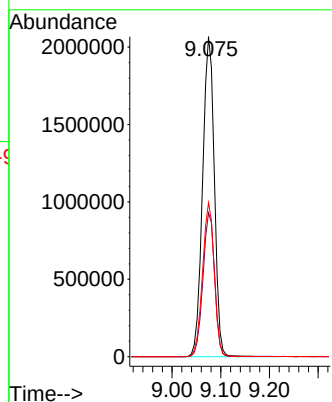
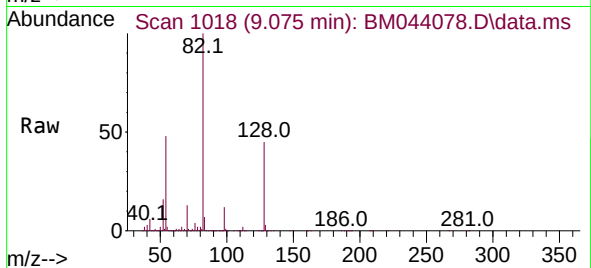




#23
Nitrobenzene-d5
Concen: 78.850 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

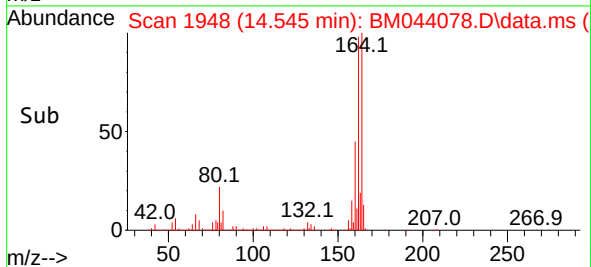
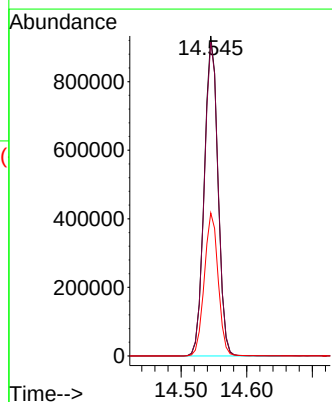
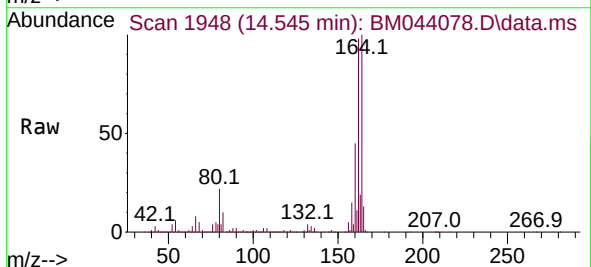
Instrument :
BNA_M
ClientSampleId :
PB158940TB

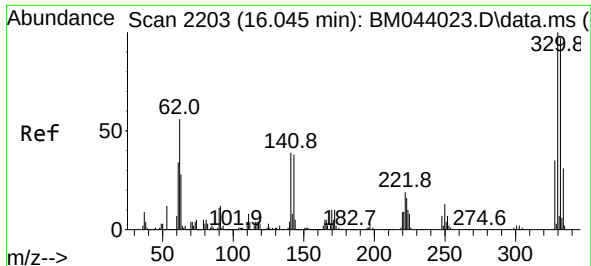
Tgt Ion: 82 Resp: 3464981
Ion Ratio Lower Upper
82 100
128 45.0 37.1 55.7
54 48.2 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

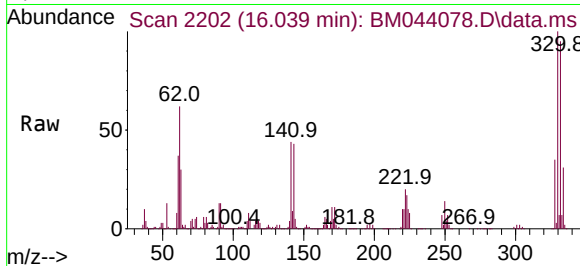
Tgt Ion:164 Resp: 1352782
Ion Ratio Lower Upper
164 100
162 98.1 78.4 117.6
160 44.7 34.6 51.8



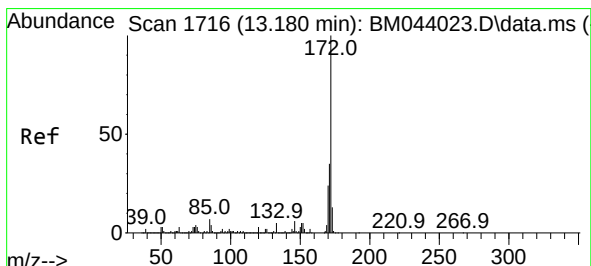
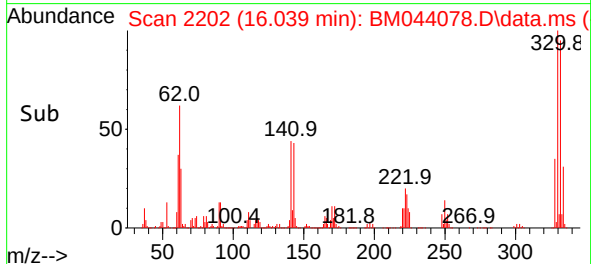
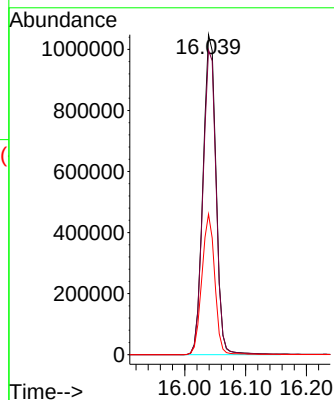


#42
2,4,6-Tribromophenol
Concen: 106.411 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

Instrument :
BNA_M
ClientSampleId :
PB158940TB

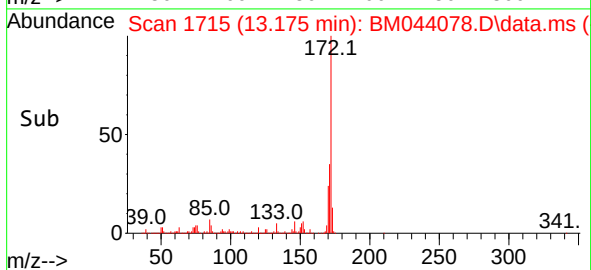
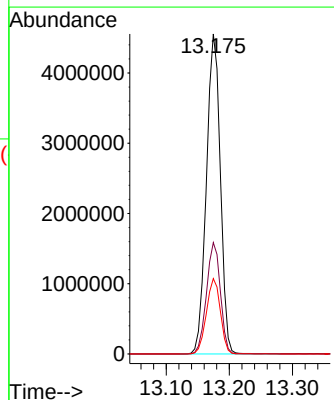
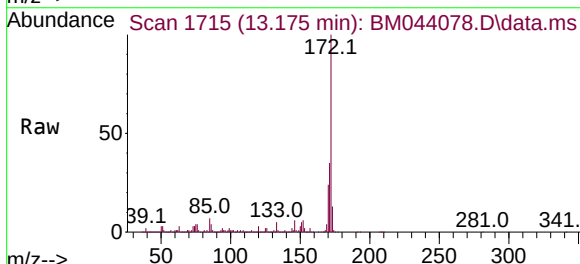


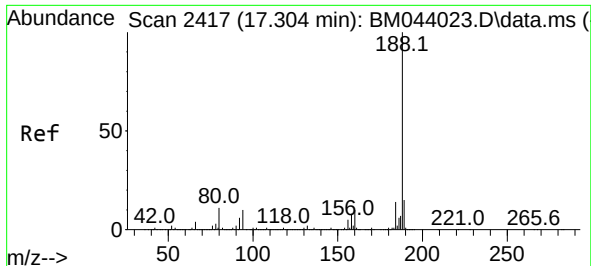
Tgt Ion:330 Resp: 1558599
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 43.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 72.972 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

Tgt Ion:172 Resp: 6994550
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.6 19.0 28.4

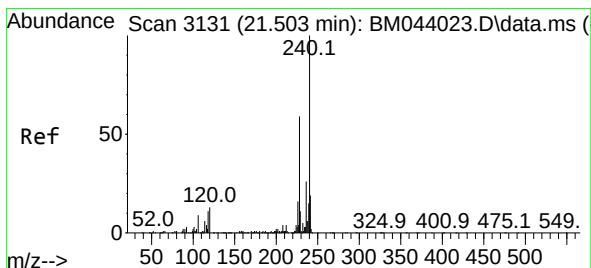
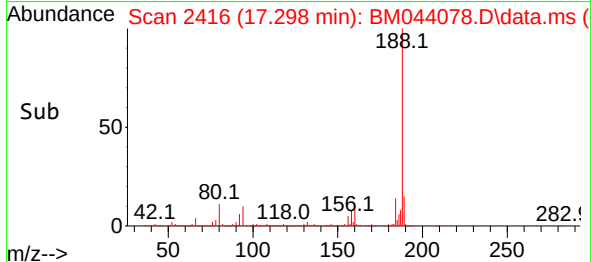
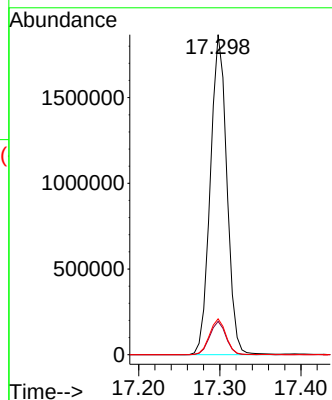
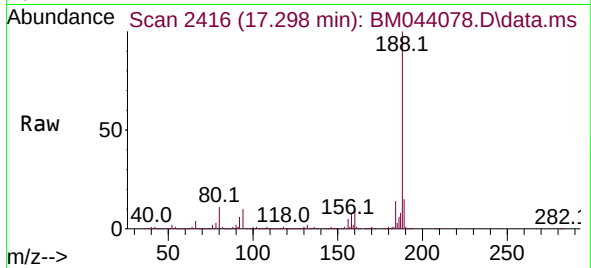




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

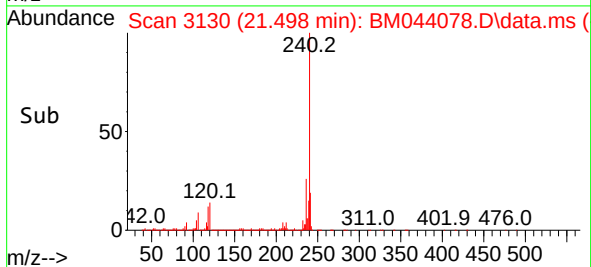
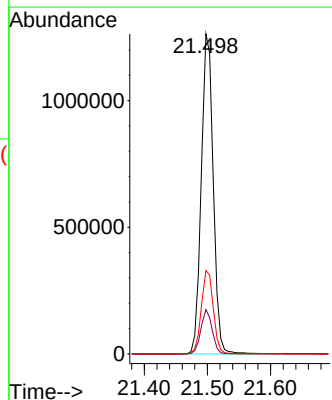
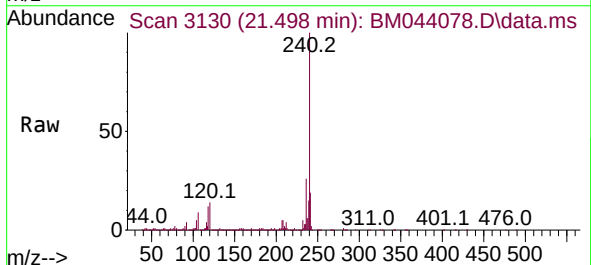
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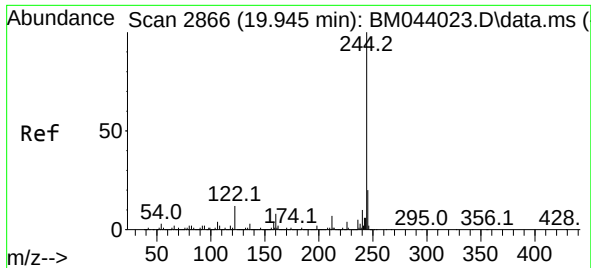
Tgt Ion:188 Resp: 2642108
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 11.2 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044078.D
Acq: 14 Feb 2024 12:21

Tgt Ion:240 Resp: 1662831
Ion Ratio Lower Upper
240 100
120 13.8 10.1 15.1
236 26.0 20.6 31.0

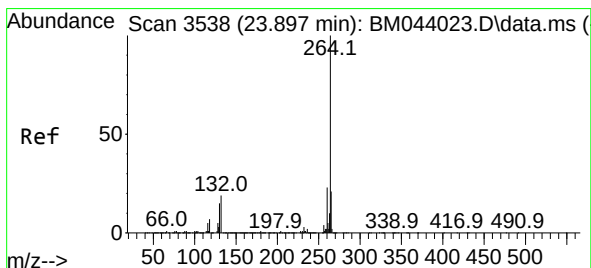
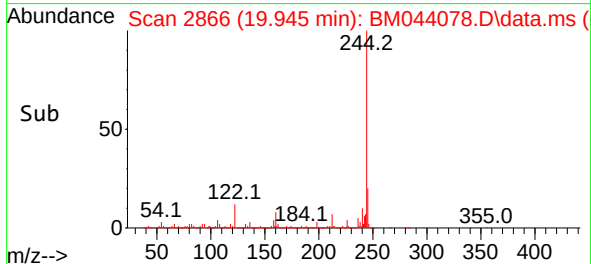
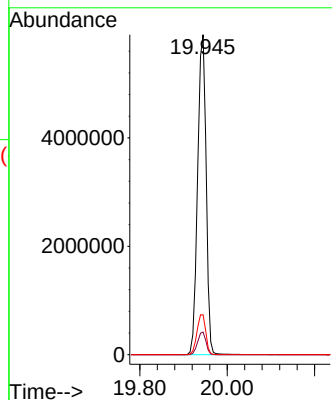
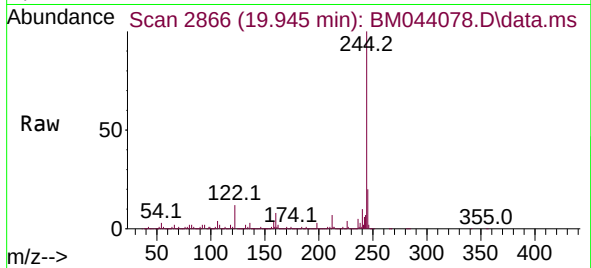




#79
 Terphenyl-d14
 Concen: 84.490 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044078.D
 Acq: 14 Feb 2024 12:21

Instrument :
 BNA_M
 ClientSampleId :
 PB158940TB

Tgt Ion:244 Resp: 8014213
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.5 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: BM044078.D
 Acq: 14 Feb 2024 12:21

Tgt Ion:264 Resp: 1546239
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.1 17.3 25.9

