

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044051.D
 Acq On : 12 Feb 2024 11:41
 Operator : MA/JU
 Sample : PB158214BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158214BL

Quant Time: Feb 12 12:40:00 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	469797	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1834841	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	962309	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	1771270	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1205762	20.000	ng	0.00
86) Perylene-d12	23.897	264	1280249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4398073	136.159	ng	0.00
7) Phenol-d6	7.075	99	5345212	130.060	ng	0.00
23) Nitrobenzene-d5	9.075	82	3093159	89.454	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1282433	123.084	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6051060	88.745	ng	0.00
79) Terphenyl-d14	19.945	244	6452870	93.817	ng	0.00

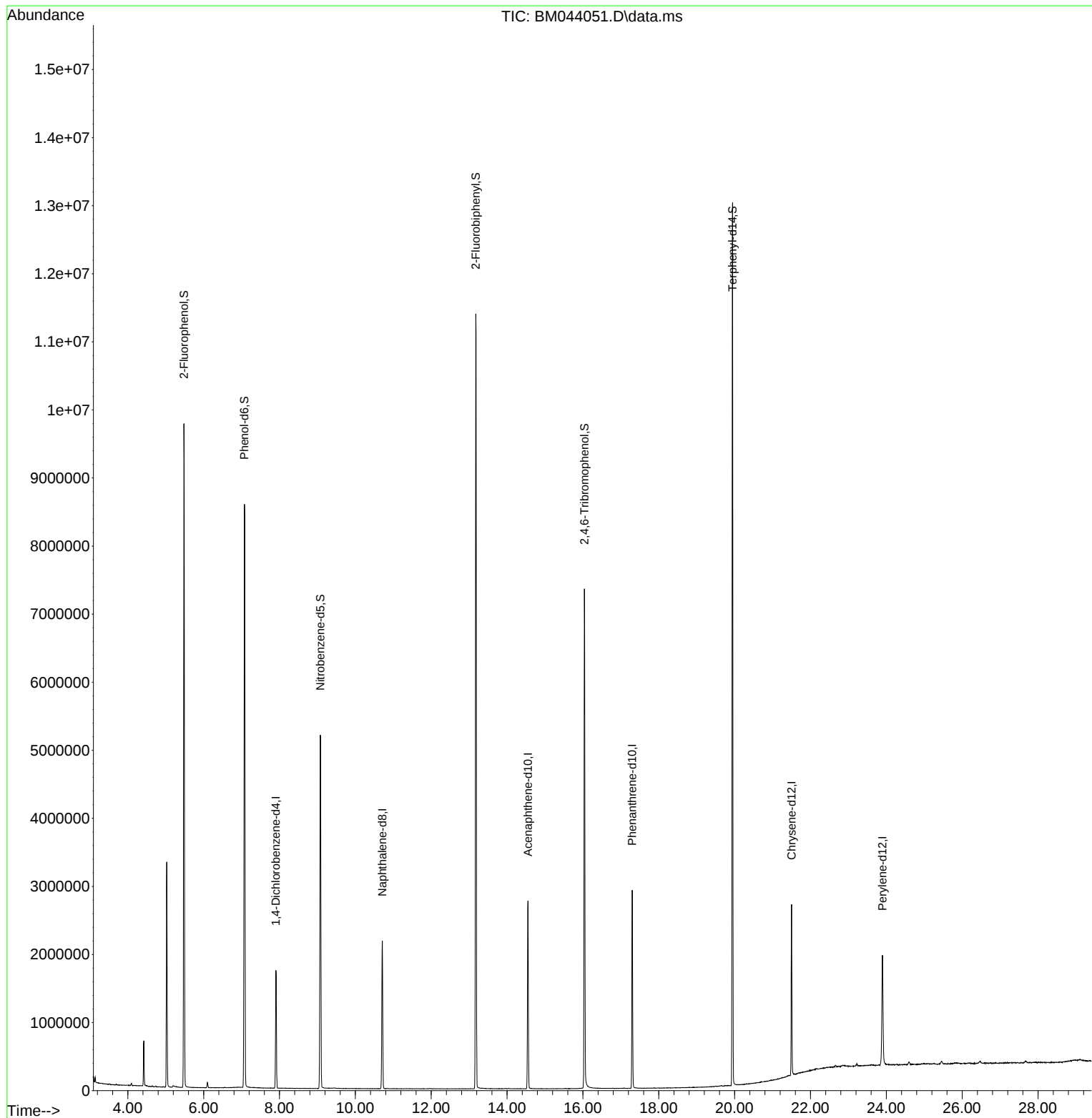
Target Compounds	Qvalue

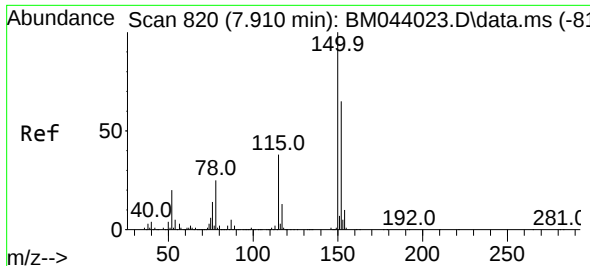
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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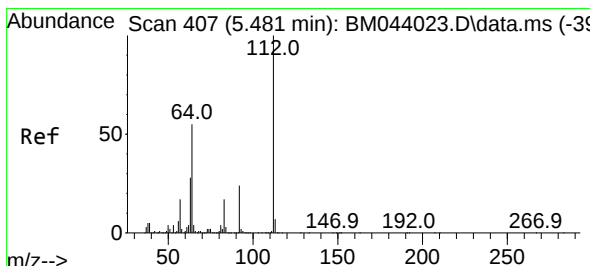
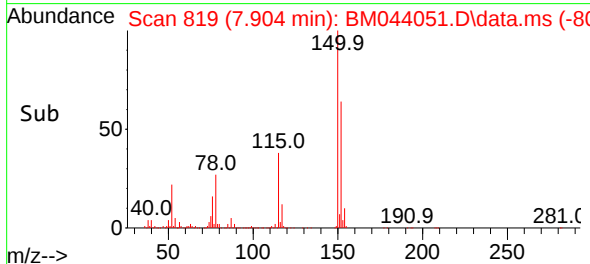
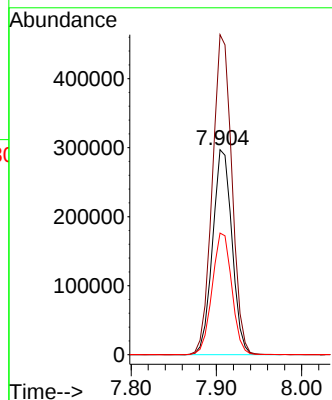
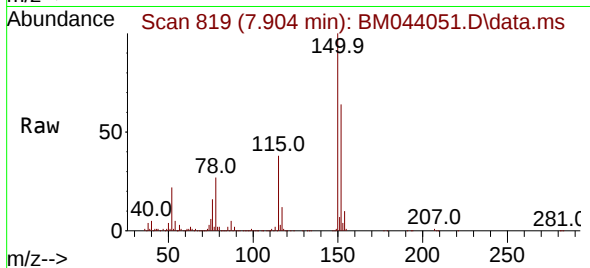




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

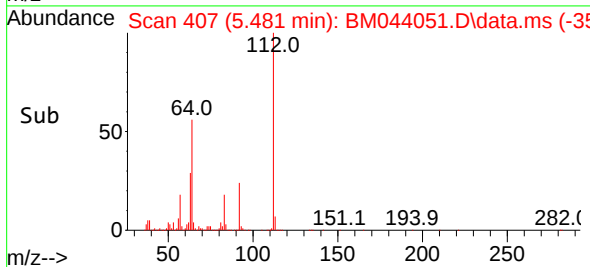
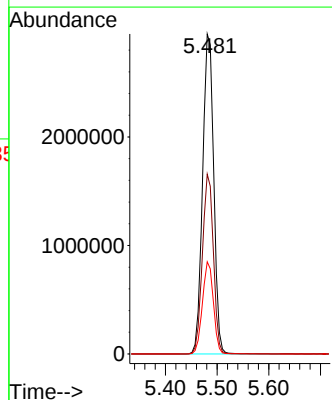
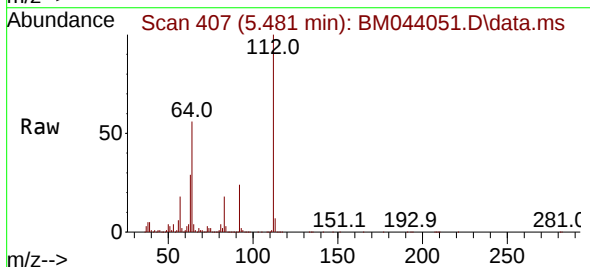
Instrument :
BNA_M
ClientSampleId :
PB158214BL

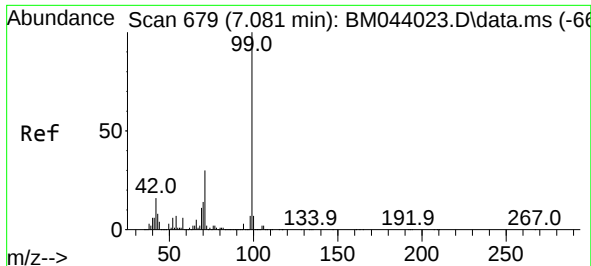
Tgt Ion:152 Resp: 469797
Ion Ratio Lower Upper
152 100
150 156.1 122.7 184.1
115 59.4 47.0 70.6



#5
2-Fluorophenol
Concen: 136.159 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

Tgt Ion:112 Resp: 4398073
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.4
63 28.8 22.6 34.0

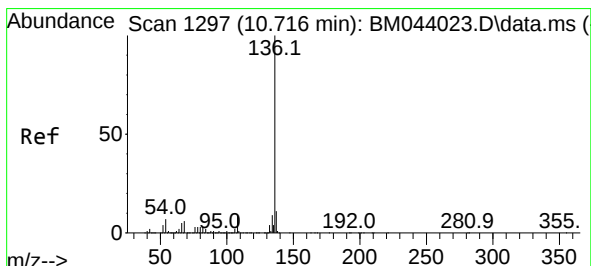
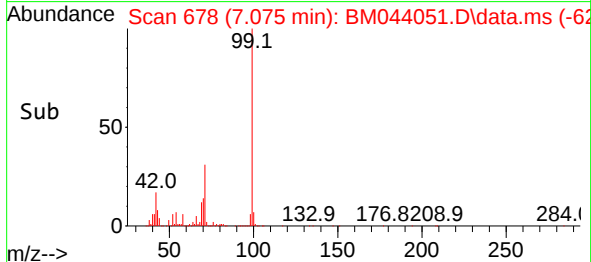
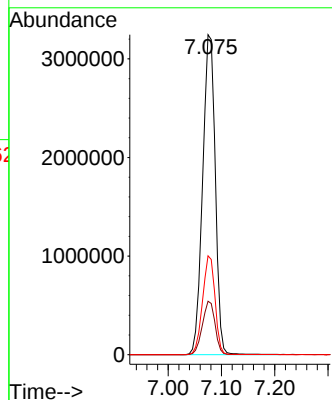
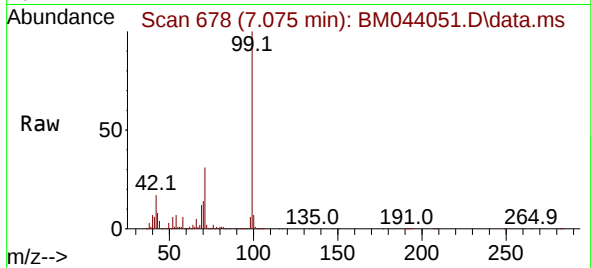




#7
Phenol-d6
Concen: 130.060 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

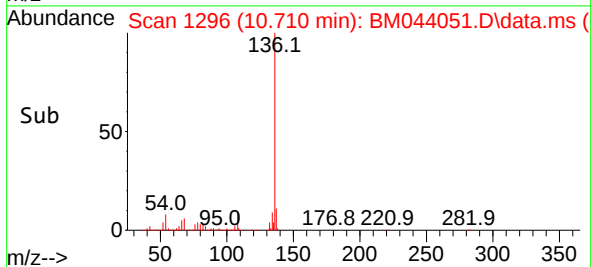
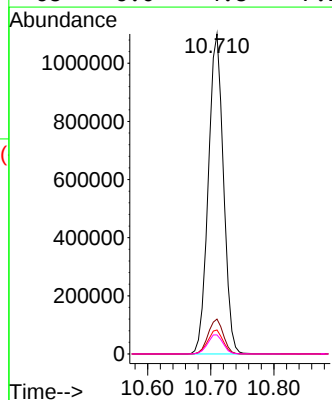
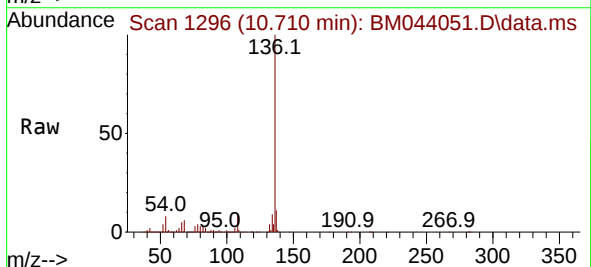
Instrument :
BNA_M
ClientSampleId :
PB158214BL

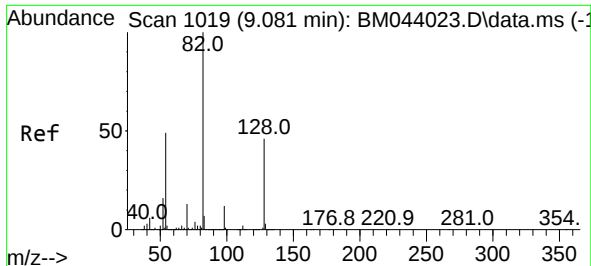
Tgt Ion: 99 Resp: 5345212
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 30.9 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

Tgt Ion:136 Resp: 1834841
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.5 5.9 8.9
68 6.0 4.8 7.2

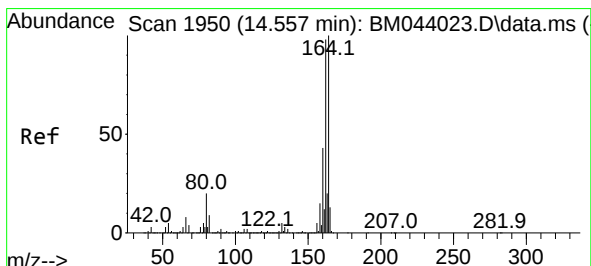
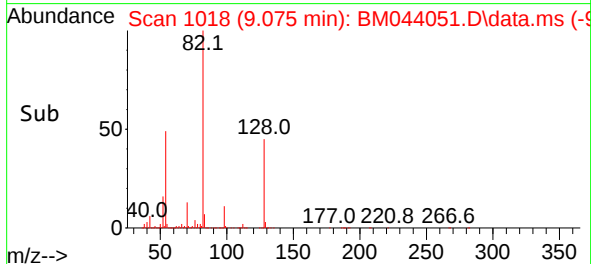
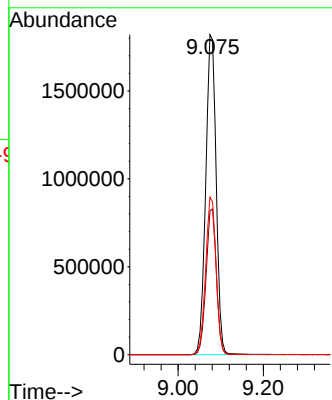
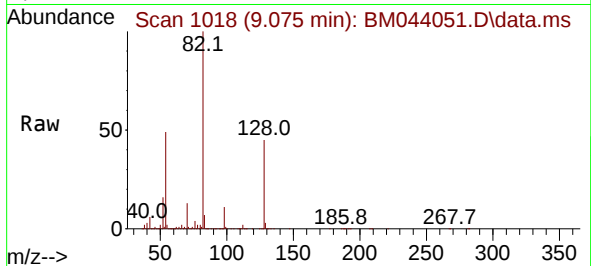




#23
Nitrobenzene-d5
Concen: 89.454 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

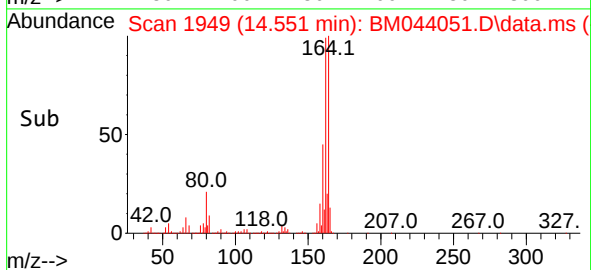
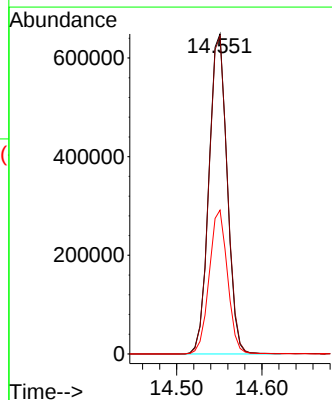
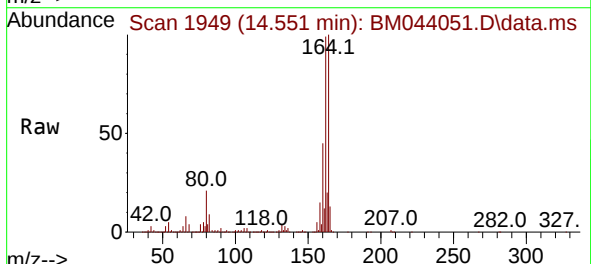
Instrument :
BNA_M
ClientSampleId :
PB158214BL

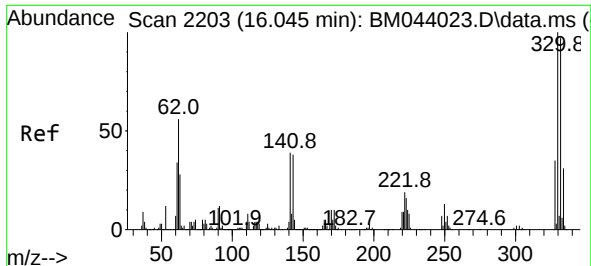
Tgt Ion: 82 Resp: 3093159
Ion Ratio Lower Upper
82 100
128 44.9 37.1 55.7
54 49.2 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

Tgt Ion: 164 Resp: 962309
Ion Ratio Lower Upper
164 100
162 99.4 78.4 117.6
160 44.9 34.6 51.8

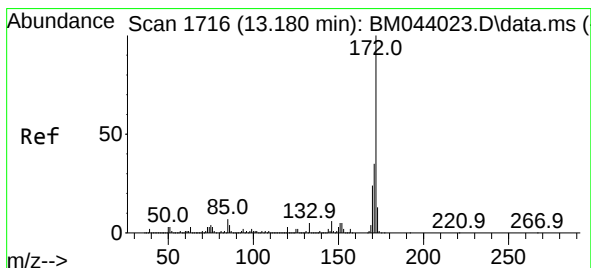
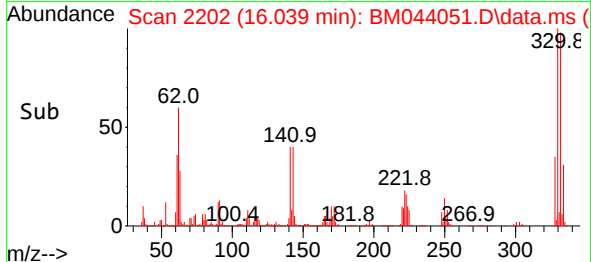
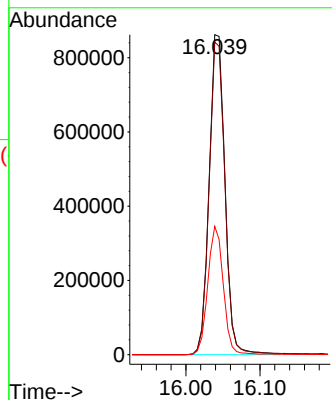
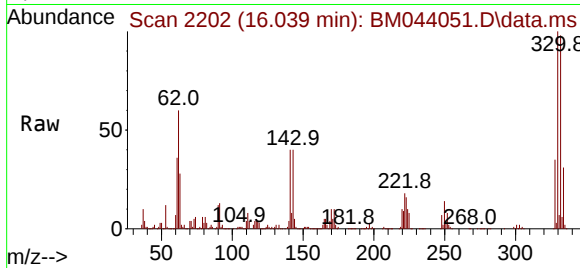




#42
2,4,6-Tribromophenol
Concen: 123.084 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

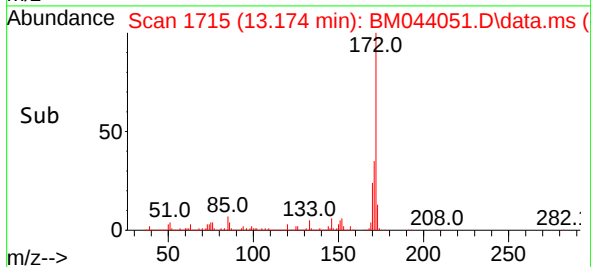
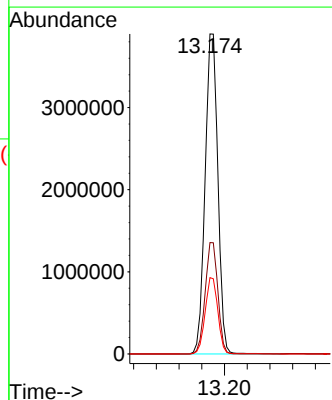
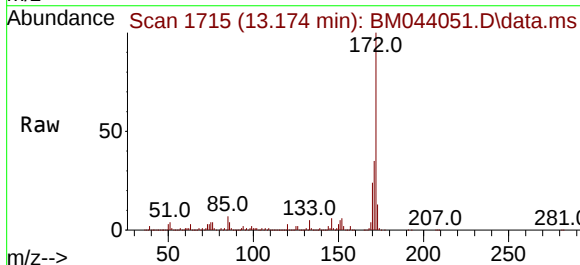
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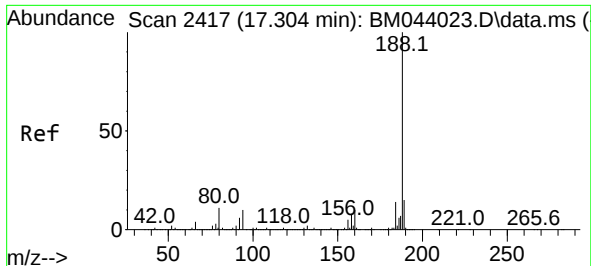
Tgt Ion:330 Resp: 1282433
Ion Ratio Lower Upper
330 100
332 97.7 77.7 116.5
141 39.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 88.745 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

Tgt Ion:172 Resp: 6051060
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.8 19.0 28.4

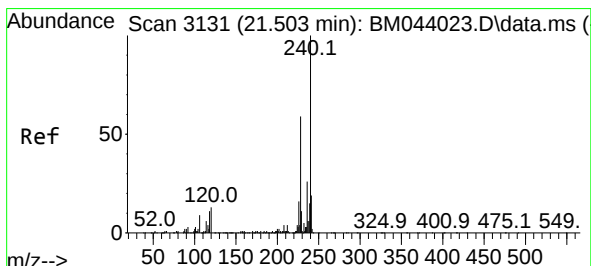
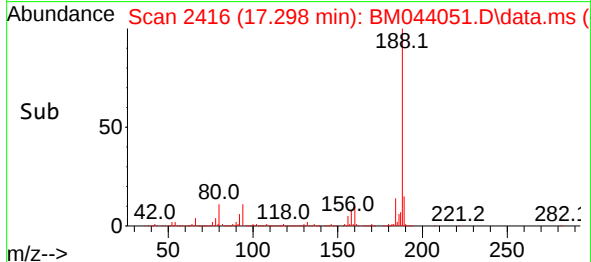
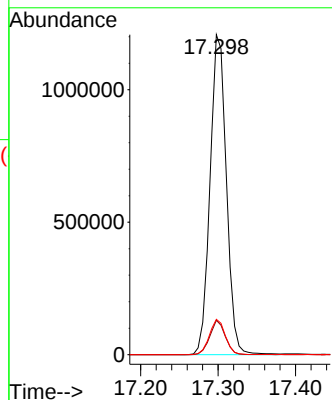
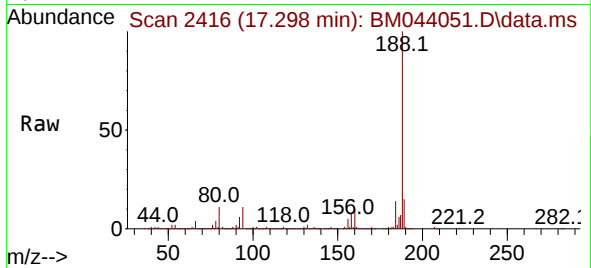




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

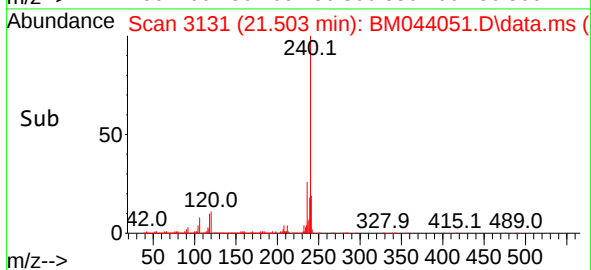
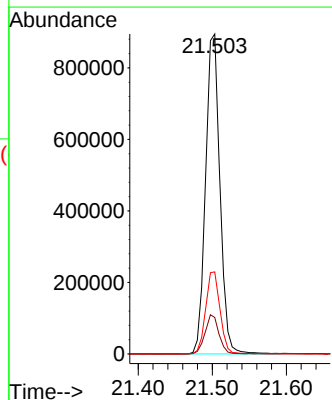
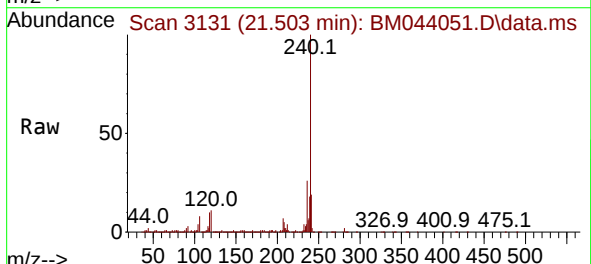
Instrument :
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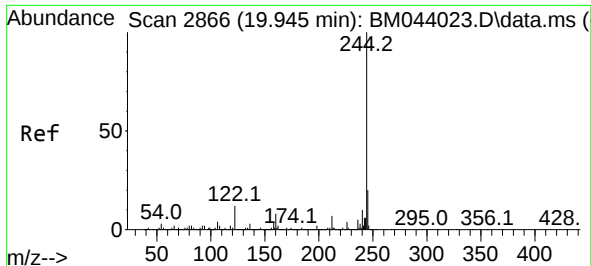
Tgt Ion:188 Resp: 1771270
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 11.0 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM044051.D
Acq: 12 Feb 2024 11:41

Tgt Ion:240 Resp: 1205762
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 25.6 20.6 31.0

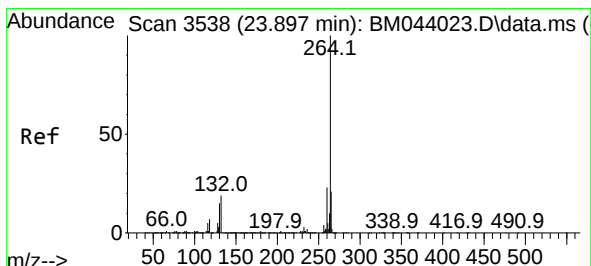
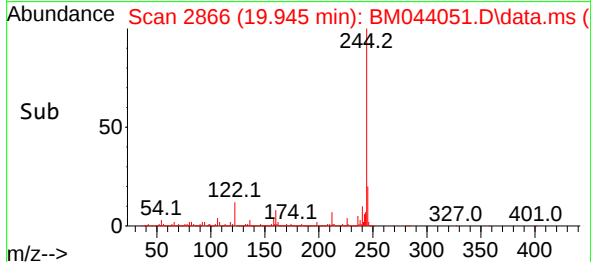
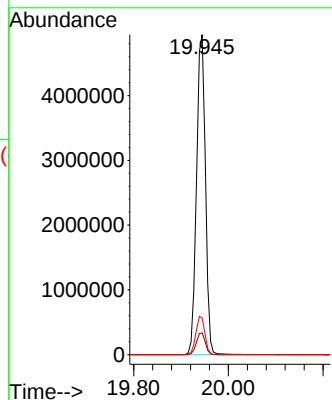
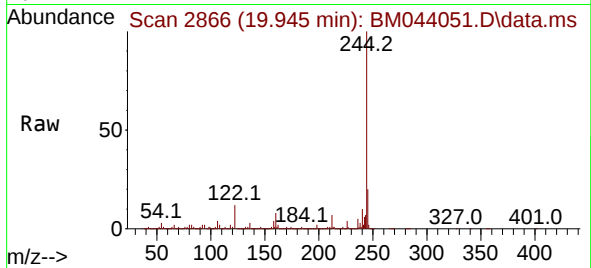




#79
 Terphenyl-d14
 Concen: 93.817 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044051.D
 Acq: 12 Feb 2024 11:41

Instrument :
 BNA_M
 ClientSampleId :
 PB158214BL

Tgt Ion:244 Resp: 6452870
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 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: BM044051.D
 Acq: 12 Feb 2024 11:41

Tgt Ion:264 Resp: 1280249
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.6 17.3 25.9

