

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044046.D
 Acq On : 09 Feb 2024 19:06
 Operator : MA/JU
 Sample : PB158270BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158270BL

Quant Time: Feb 09 22:58:06 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	7.910	152	459893	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1783433	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	969182	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	1890857	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1442834	20.000	ng	0.00
86) Perylene-d12	23.891	264	1544277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4207026	133.049	ng	0.00
7) Phenol-d6	7.075	99	5094676	126.633	ng	0.00
23) Nitrobenzene-d5	9.081	82	2956763	87.974	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1313122	125.136	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5967745	86.902	ng	0.00
79) Terphenyl-d14	19.945	244	7236072	87.918	ng	0.00

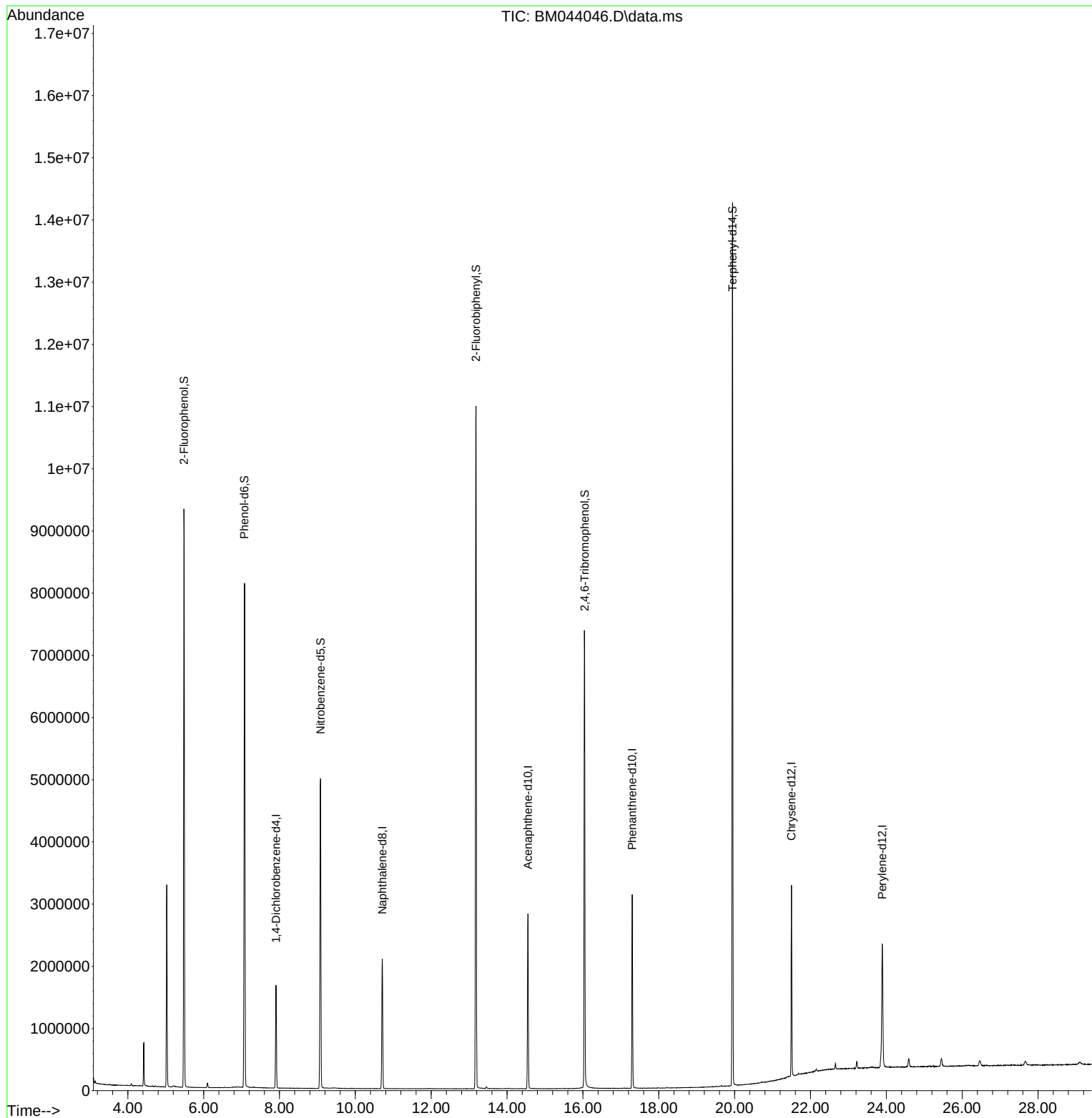
Target Compounds	Qvalue

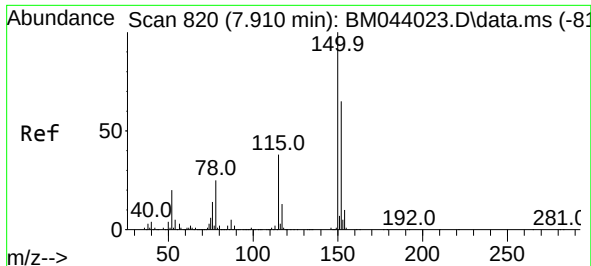
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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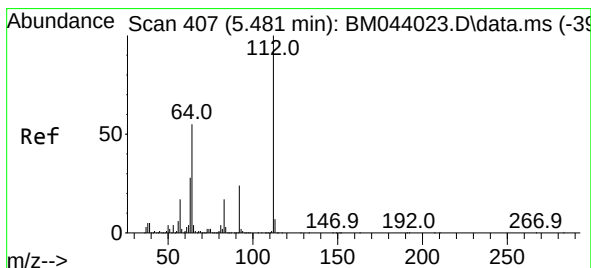
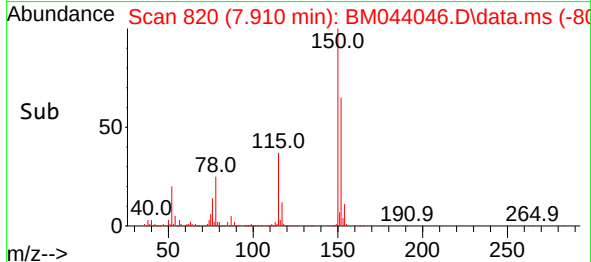
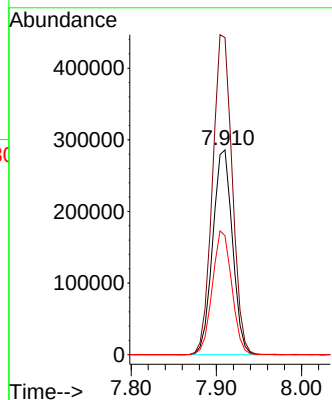
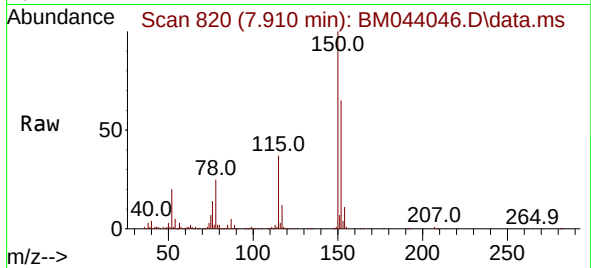




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

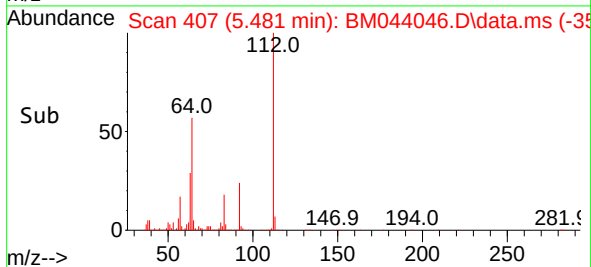
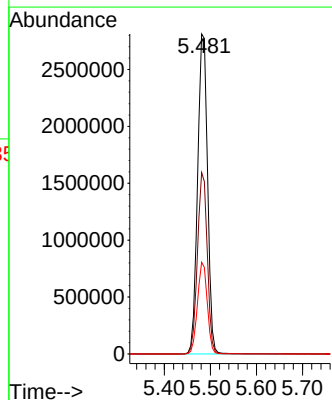
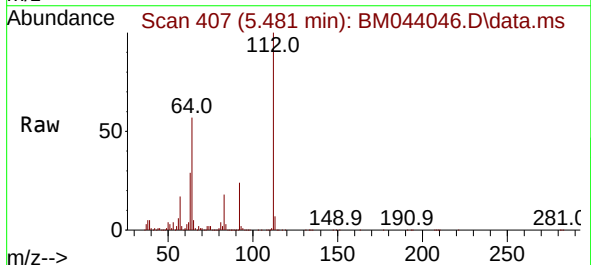
Instrument :
BNA_M
ClientSampleId :
PB158270BL

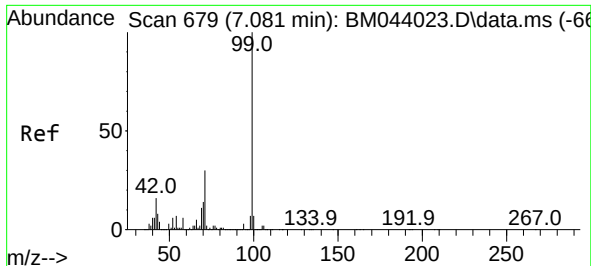
Tgt Ion:152 Resp: 459893
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 58.1 47.0 70.6



#5
2-Fluorophenol
Concen: 133.049 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:112 Resp: 4207026
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.4
63 28.6 22.6 34.0

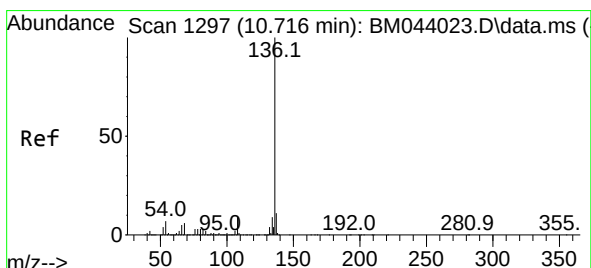
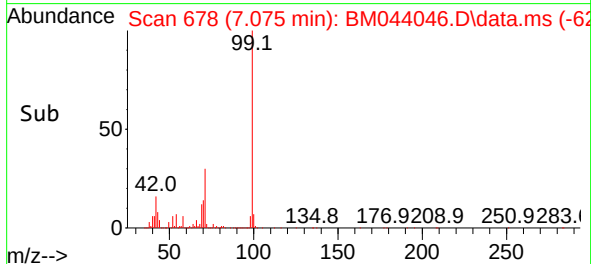
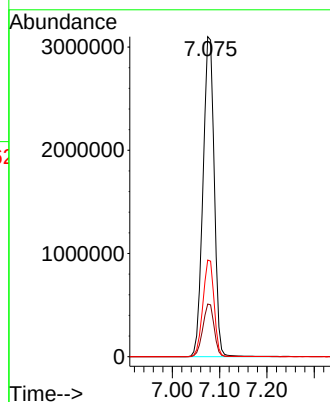
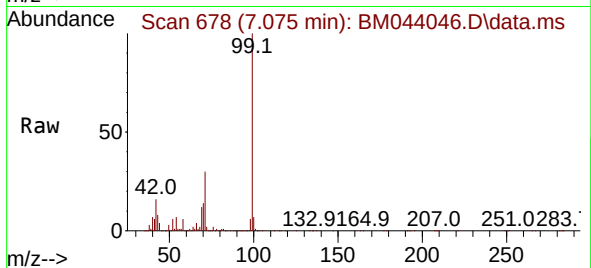




#7
Phenol-d6
Concen: 126.633 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

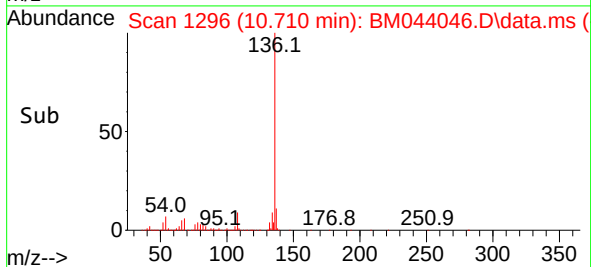
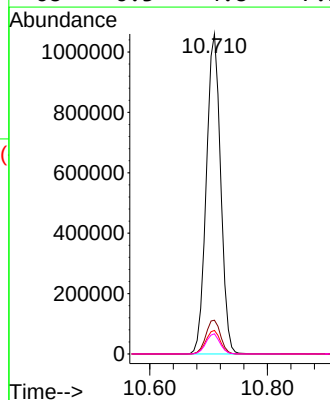
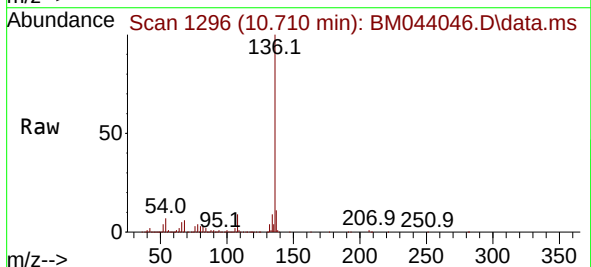
Instrument :
BNA_M
ClientSampleId :
PB158270BL

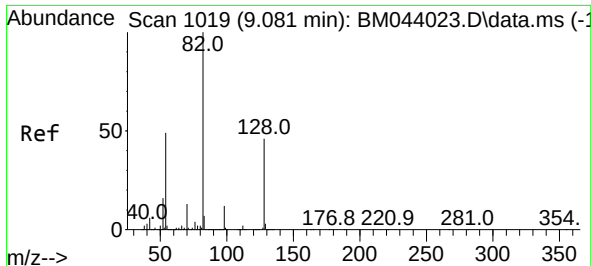
Tgt Ion: 99 Resp: 5094676
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 30.2 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion: 136 Resp: 1783433
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 5.9 8.9
68 6.3 4.8 7.2

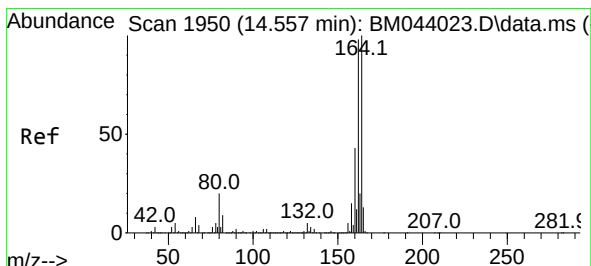
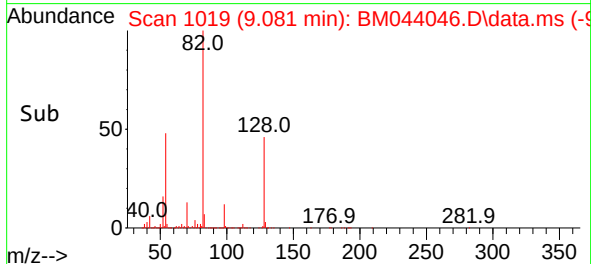
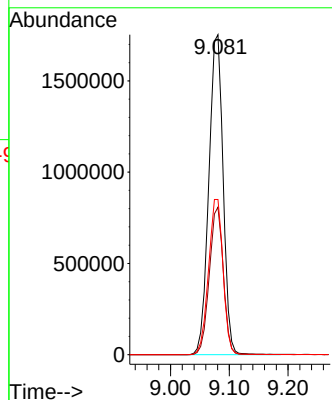
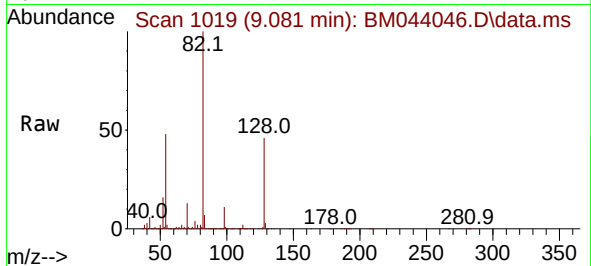




#23
Nitrobenzene-d5
Concen: 87.974 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

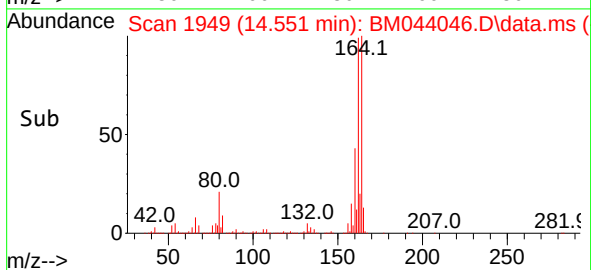
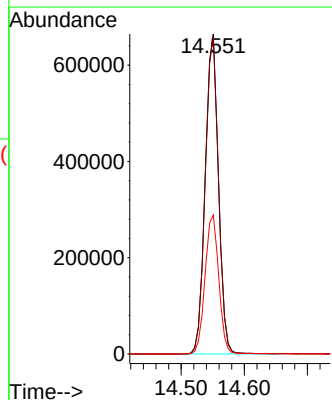
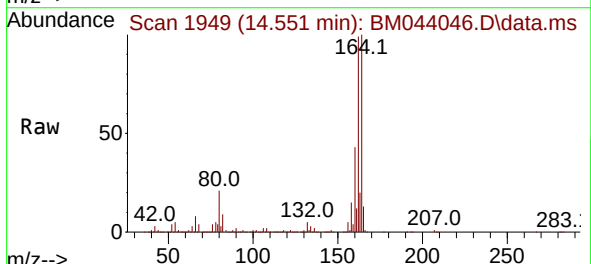
Instrument :
BNA_M
ClientSampleId :
PB158270BL

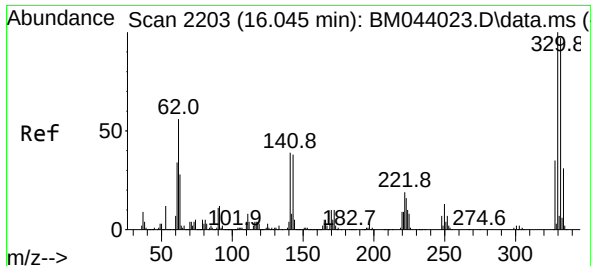
Tgt Ion: 82 Resp: 2956763
Ion Ratio Lower Upper
82 100
128 46.1 37.1 55.7
54 48.5 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044046.D
Acq: 09 Feb 2024 19:06

Tgt Ion:164 Resp: 969182
Ion Ratio Lower Upper
164 100
162 99.1 78.4 117.6
160 43.4 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 125.136 ng

RT: 16.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

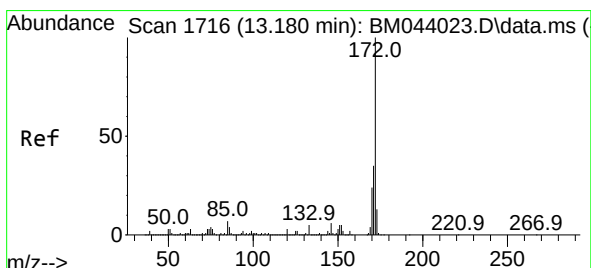
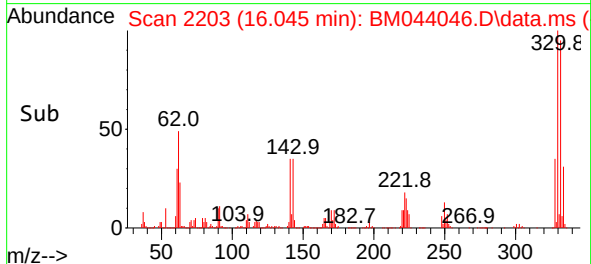
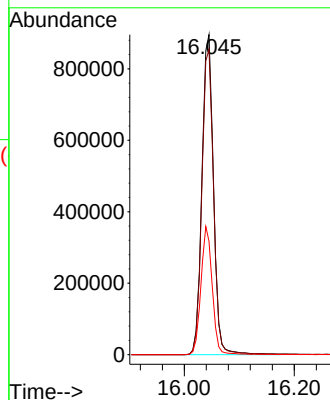
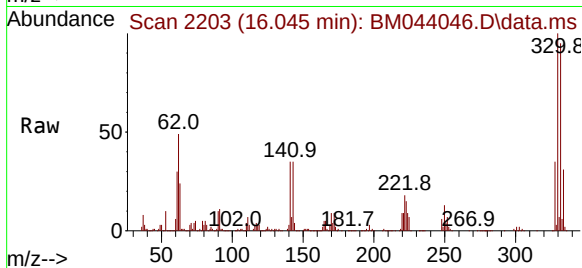
Tgt Ion:330 Resp: 1313122

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 39.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 86.902 ng

RT: 13.180 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

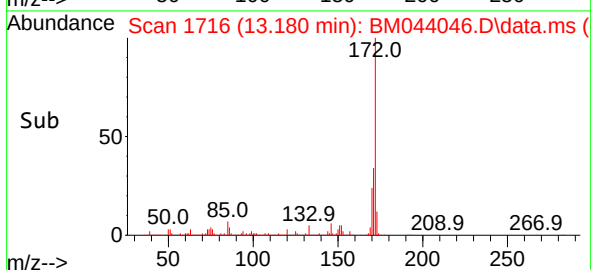
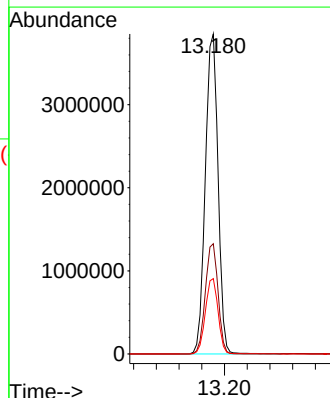
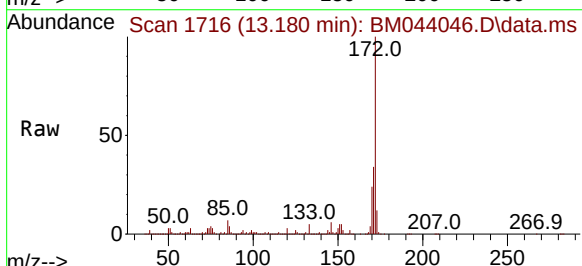
Tgt Ion:172 Resp: 5967745

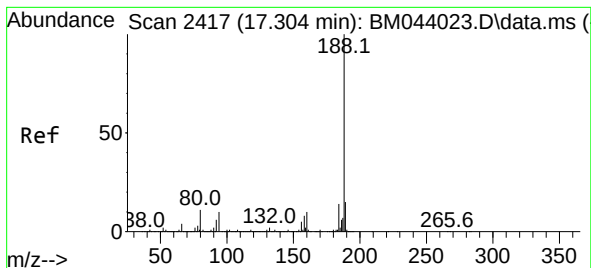
Ion Ratio Lower Upper

172 100

171 34.4 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: BM044046.D

Acq: 09 Feb 2024 19:06

Instrument :

BNA_M

ClientSampleId :

PB158270BL

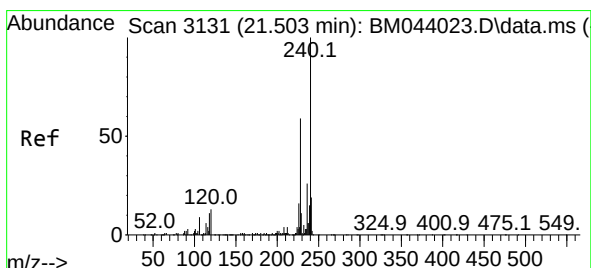
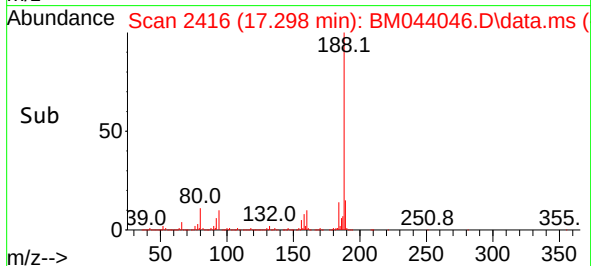
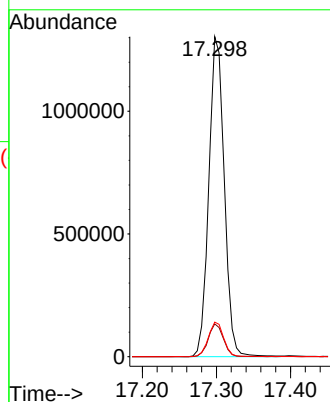
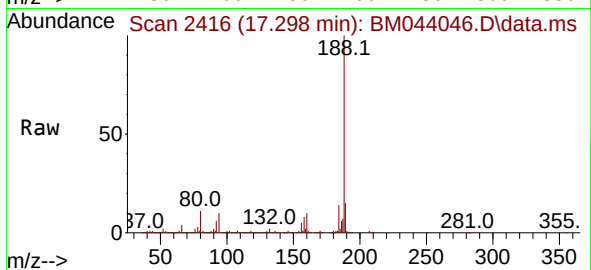
Tgt Ion:188 Resp: 1890857

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: 21.497 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM044046.D

Acq: 09 Feb 2024 19:06

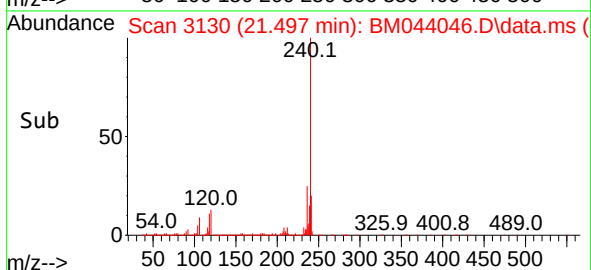
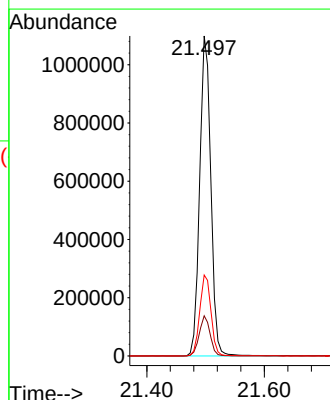
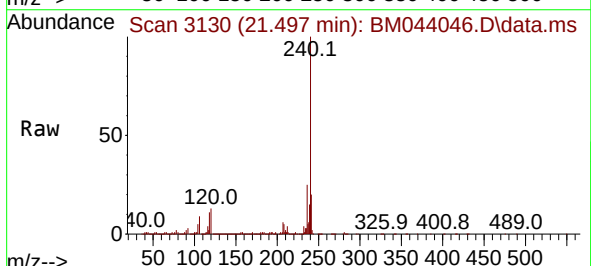
Tgt Ion:240 Resp: 1442834

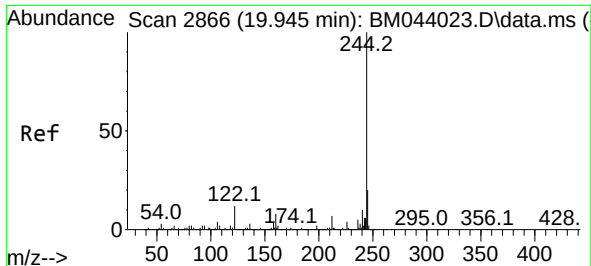
Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 25.3 20.6 31.0

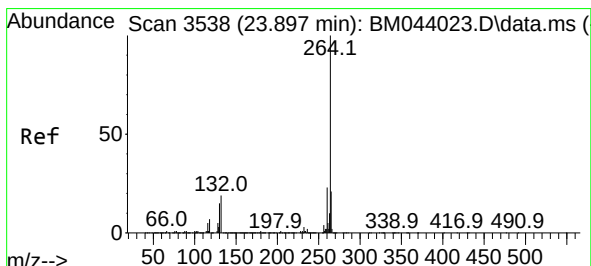
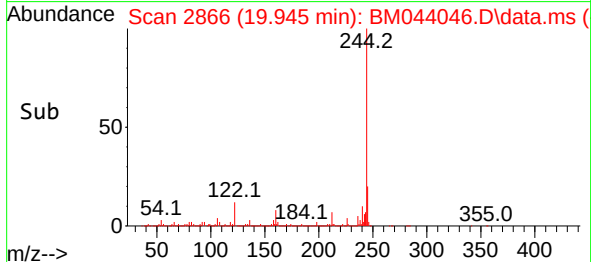
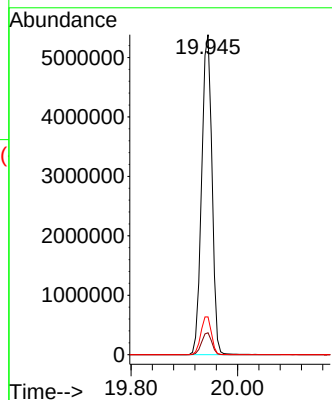
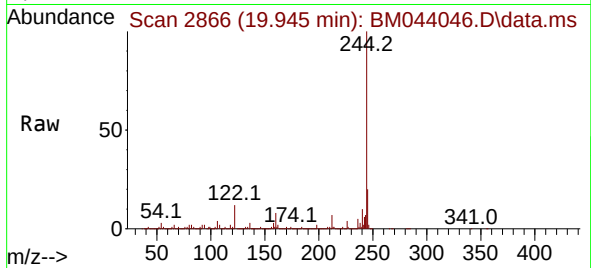




#79
 Terphenyl-d14
 Concen: 87.918 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044046.D
 Acq: 09 Feb 2024 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB158270BL

Tgt Ion:244 Resp: 7236072
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.8 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: BM044046.D
 Acq: 09 Feb 2024 19:06

Tgt Ion:264 Resp: 1544277
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.2 17.3 25.9

