

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040324\
 Data File : BM044889.D
 Acq On : 03 Apr 2024 10:30
 Operator : MA/JU
 Sample : PB159882BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159882BL

Quant Time: Apr 03 11:07:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 00:28:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	87868	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	323949	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	194196	20.000	ng	0.00
64) Phenanthrene-d10	17.057	188	417758	20.000	ng	0.00
76) Chrysene-d12	21.262	240	441644	20.000	ng	0.00
86) Perylene-d12	23.491	264	572716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	875166	150.374	ng	0.00
7) Phenol-d6	6.828	99	1036708	134.945	ng	0.00
23) Nitrobenzene-d5	8.810	82	591309	89.892	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	392710	138.384	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	1293614	90.349	ng	0.00
79) Terphenyl-d14	19.704	244	2493429	96.468	ng	0.00

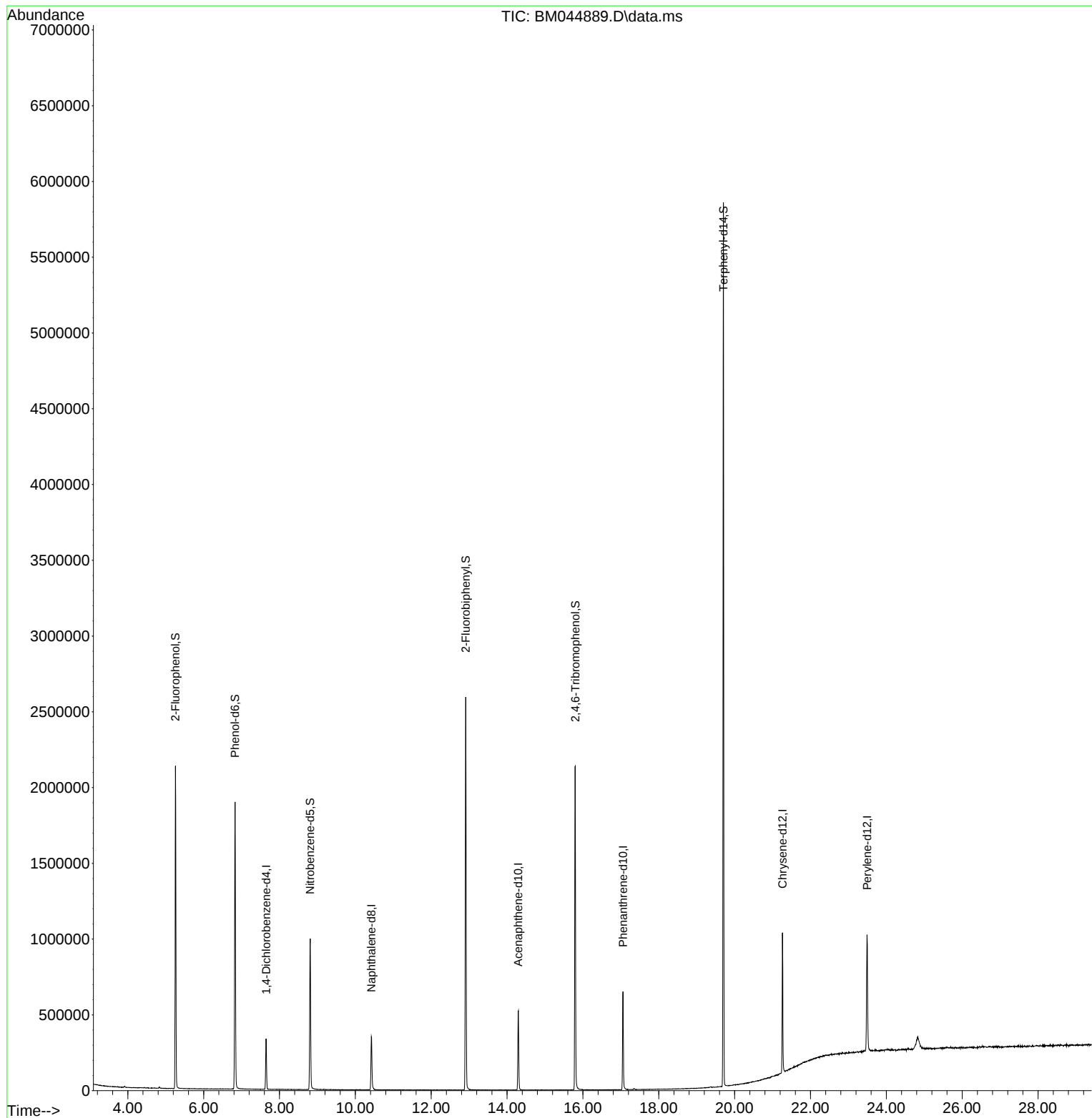
Target Compounds	Qvalue

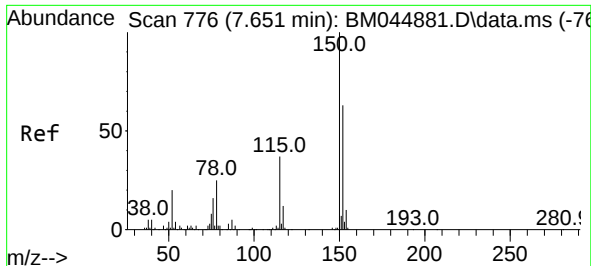
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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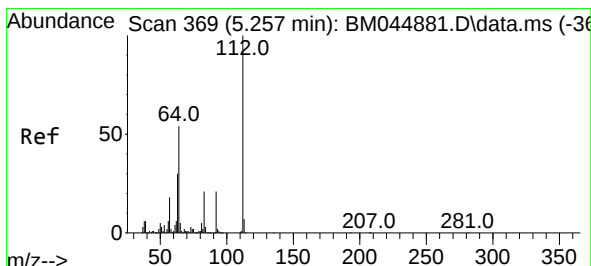
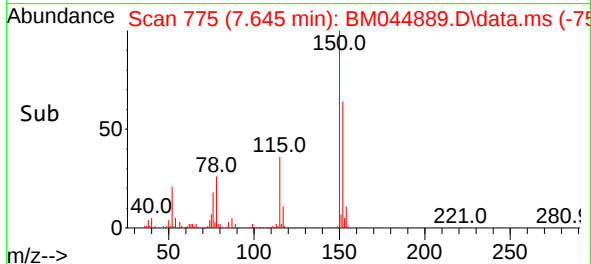
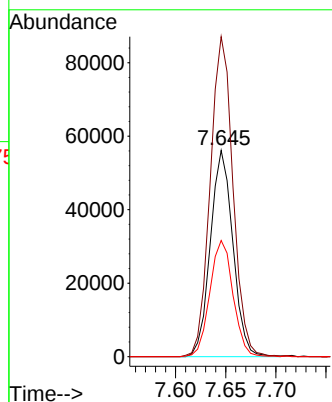
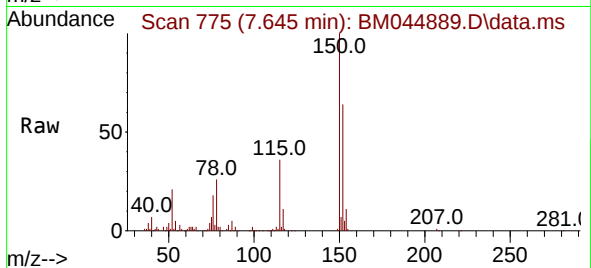




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.645 min Scan# 776
Delta R.T. -0.006 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

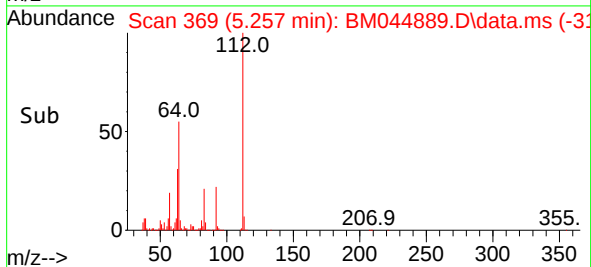
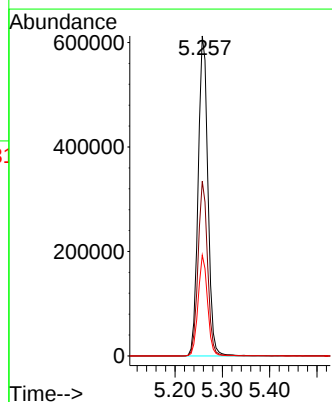
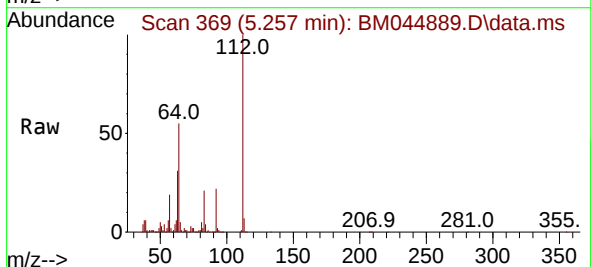
Instrument :
BNA_M
ClientSampleId :
PB159882BL

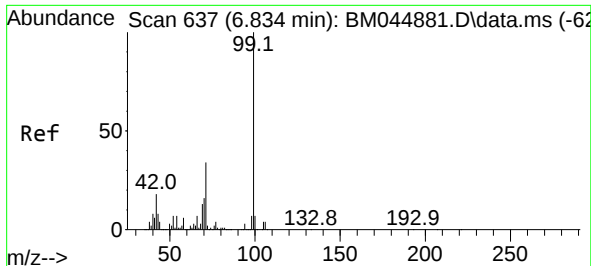
Tgt Ion:152 Resp: 87868
Ion Ratio Lower Upper
152 100
150 155.1 126.5 189.7
115 56.3 47.3 70.9



#5
2-Fluorophenol
Concen: 150.374 ng
RT: 5.257 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

Tgt Ion:112 Resp: 875166
Ion Ratio Lower Upper
112 100
64 54.6 43.0 64.4
63 31.5 24.3 36.5

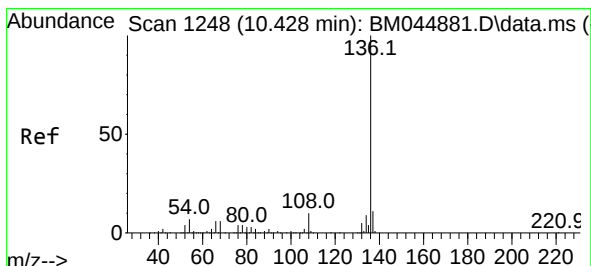
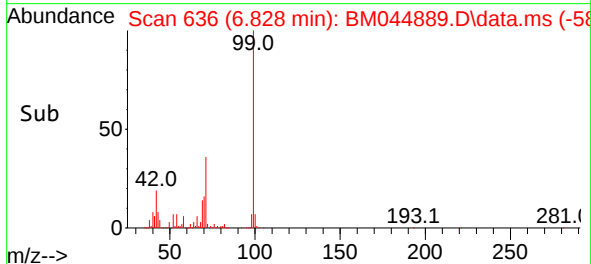
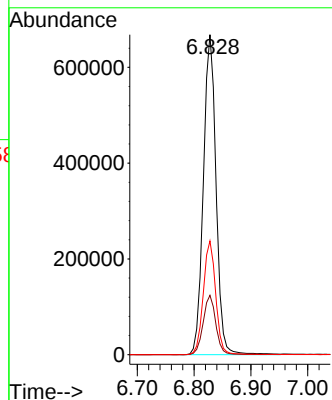
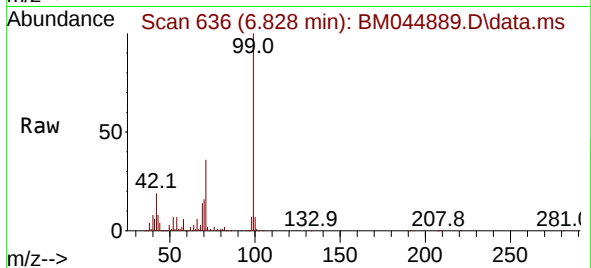




#7
Phenol-d6
Concen: 134.945 ng
RT: 6.828 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

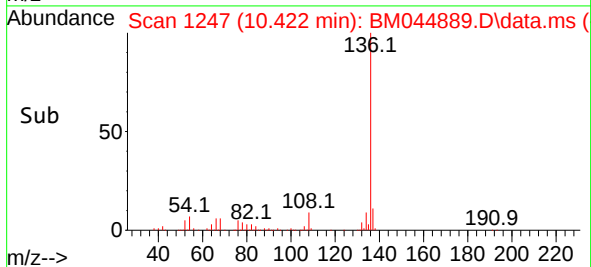
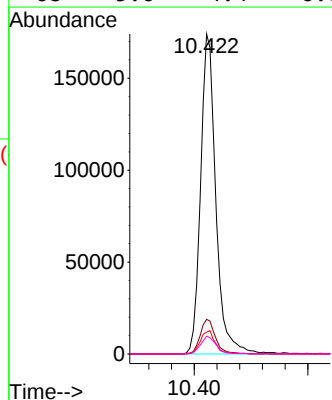
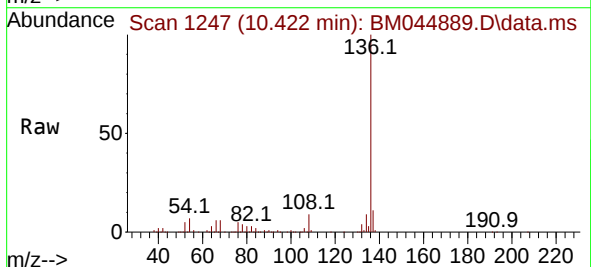
Instrument :
BNA_M
ClientSampleId :
PB159882BL

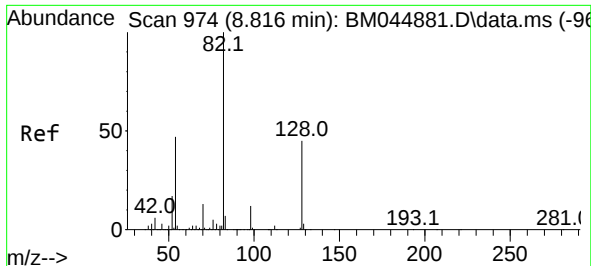
Tgt Ion: 99 Resp: 1036708
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 35.6 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

Tgt Ion: 136 Resp: 323949
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.8 5.9 8.9
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 89.892 ng

RT: 8.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM044889.D

Acq: 03 Apr 2024 10:30

Instrument :

BNA_M

ClientSampleId :

PB159882BL

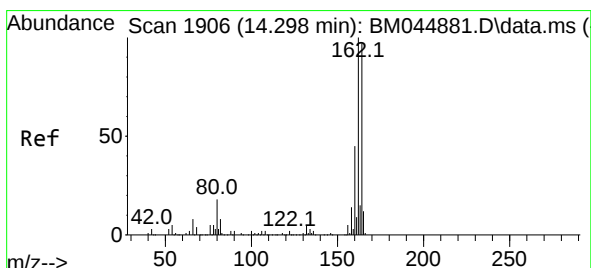
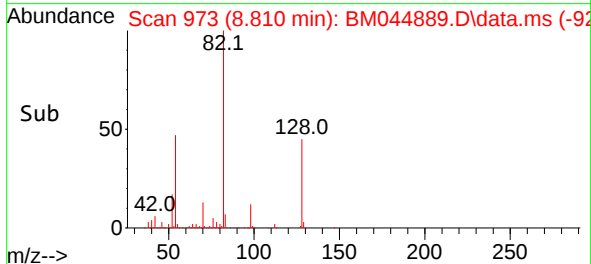
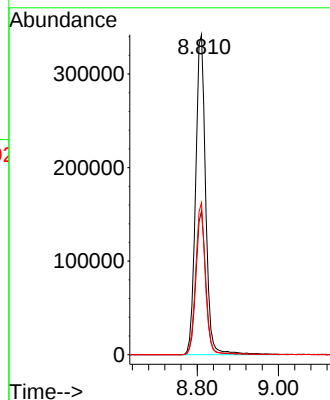
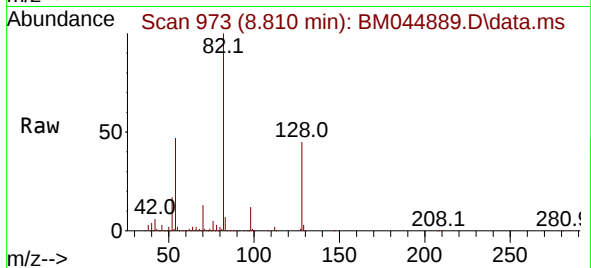
Tgt Ion: 82 Resp: 591309

Ion Ratio Lower Upper

82 100

128 44.8 36.2 54.4

54 47.4 37.5 56.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.298 min Scan# 1906

Delta R.T. 0.000 min

Lab File: BM044889.D

Acq: 03 Apr 2024 10:30

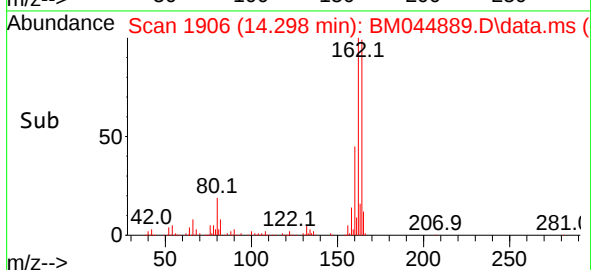
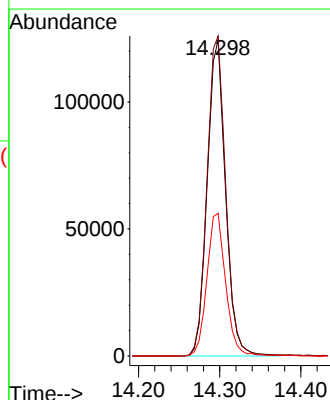
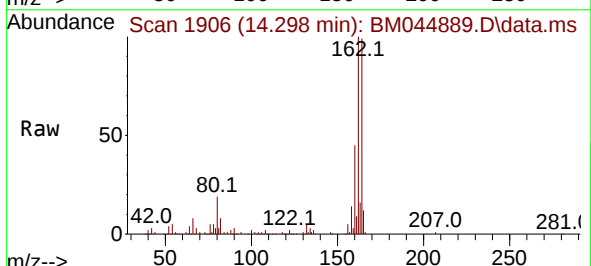
Tgt Ion:164 Resp: 194196

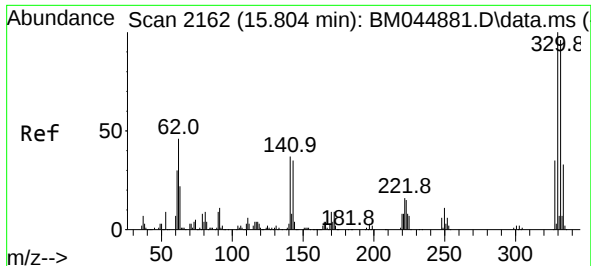
Ion Ratio Lower Upper

164 100

162 101.2 82.1 123.1

160 45.2 36.8 55.2

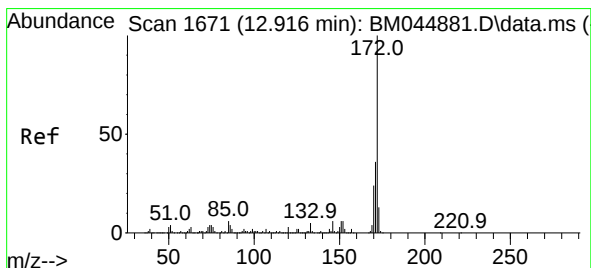
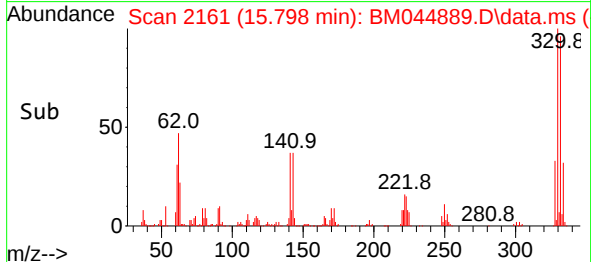
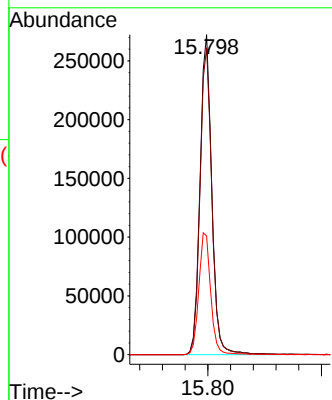
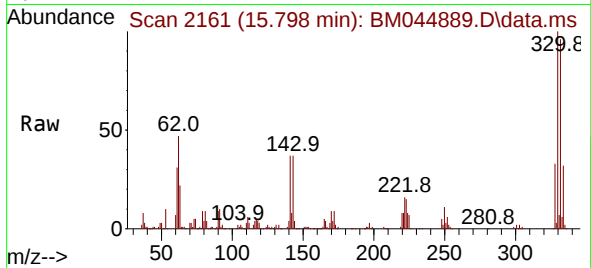




#42
2,4,6-Tribromophenol
Concen: 138.384 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

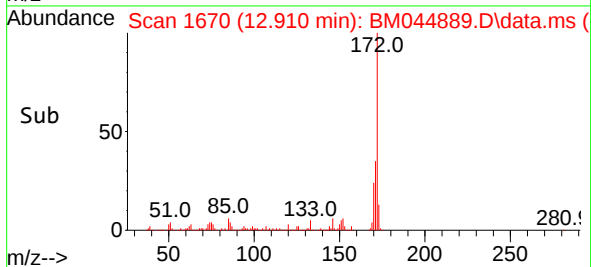
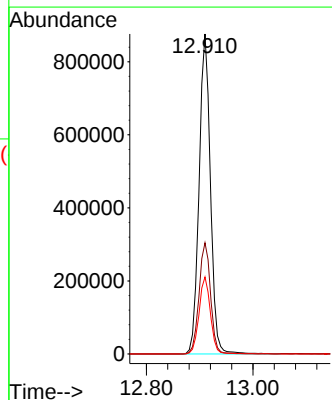
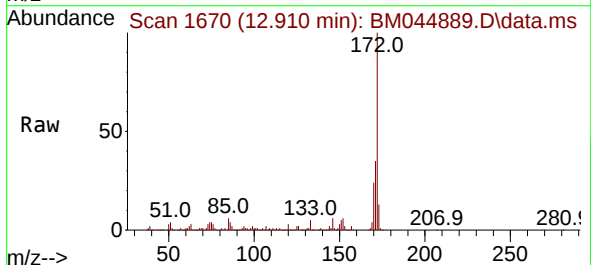
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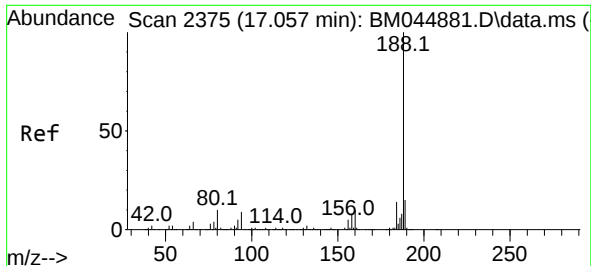
Tgt Ion:330 Resp: 392710
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 38.7 30.9 46.3



#45
2-Fluorobiphenyl
Concen: 90.349 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

Tgt Ion:172 Resp: 1293614
Ion Ratio Lower Upper
172 100
171 34.8 28.9 43.3
170 24.1 19.5 29.3

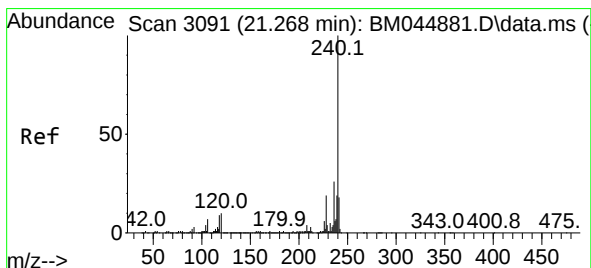
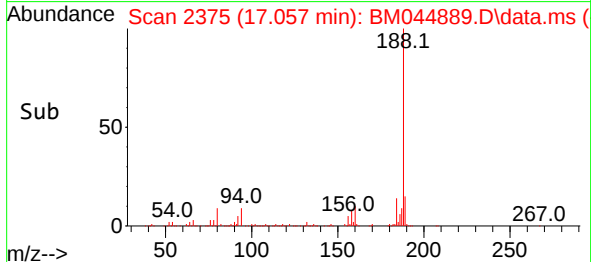
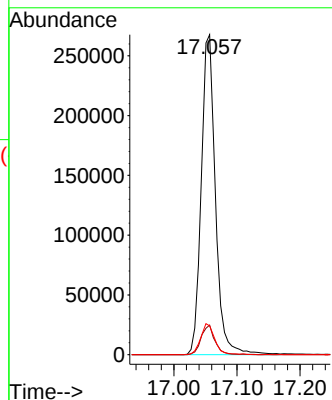
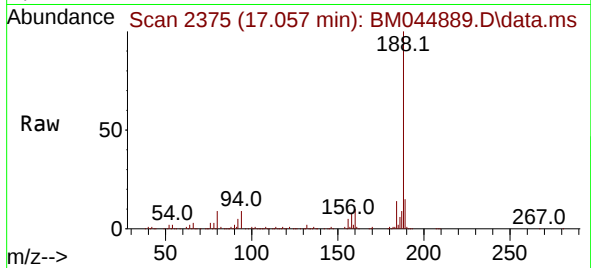




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

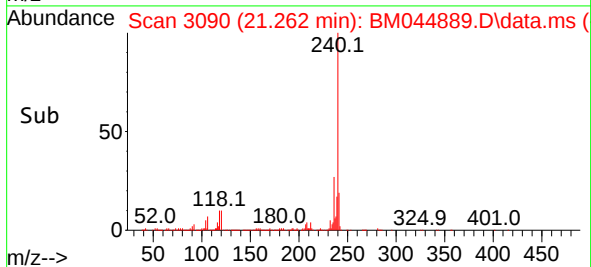
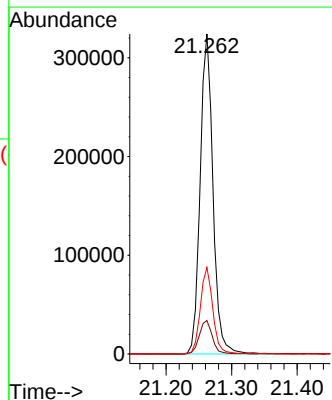
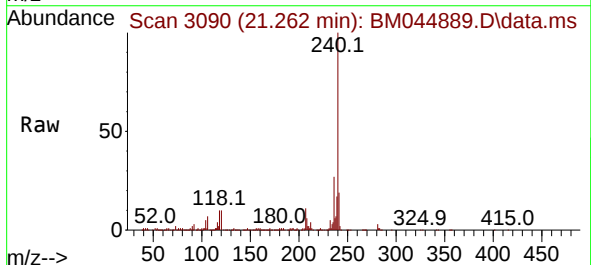
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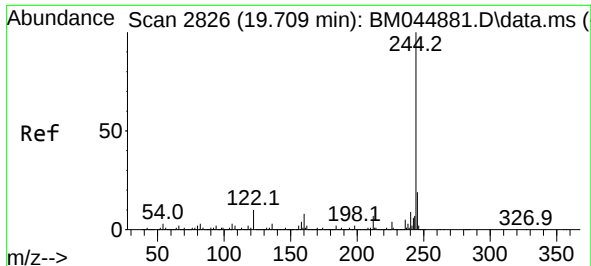
Tgt Ion:188 Resp: 417758
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.262 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM044889.D
Acq: 03 Apr 2024 10:30

Tgt Ion:240 Resp: 441644
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.8
236 27.1 20.6 30.8

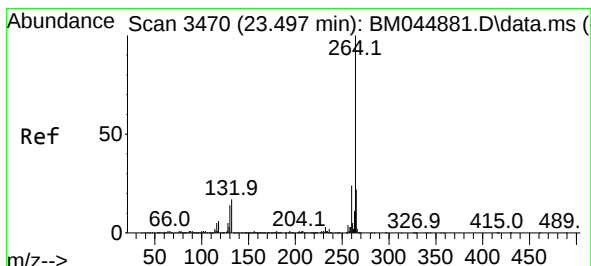
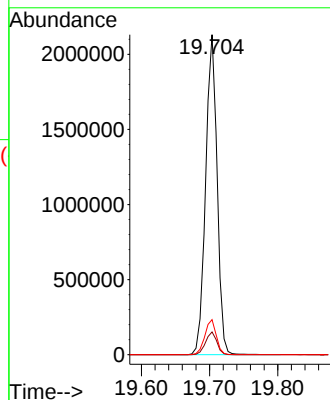
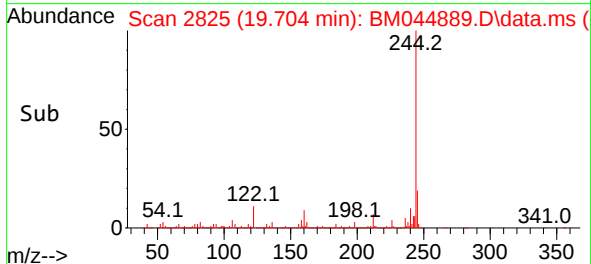
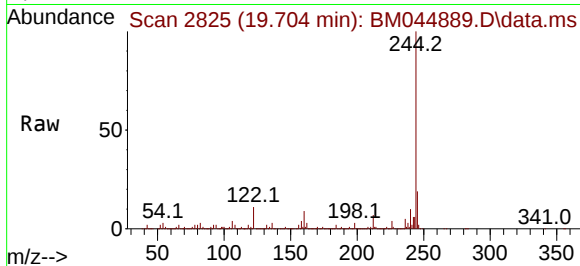




#79
 Terphenyl-d14
 Concen: 96.468 ng
 RT: 19.704 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044889.D
 Acq: 03 Apr 2024 10:30

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2493429
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.491 min Scan# 3469
 Delta R.T. -0.006 min
 Lab File: BM044889.D
 Acq: 03 Apr 2024 10:30

Tgt Ion:264 Resp: 572716
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 17.8 26.6

