

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044031.D
 Acq On : 09 Feb 2024 10:05
 Operator : MA/JU
 Sample : PB158553BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158553BL

Quant Time: Feb 09 10:50:07 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	417596	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1653225	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	895128	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1705432	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1245822	20.000	ng	0.00
86) Perylene-d12	23.891	264	1338039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3576826	124.576	ng	0.00
7) Phenol-d6	7.081	99	4363248	119.438	ng	0.00
23) Nitrobenzene-d5	9.081	82	2591523	83.180	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1136707	117.286	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5253851	82.836	ng	0.00
79) Terphenyl-d14	19.945	244	6057591	85.238	ng	0.00

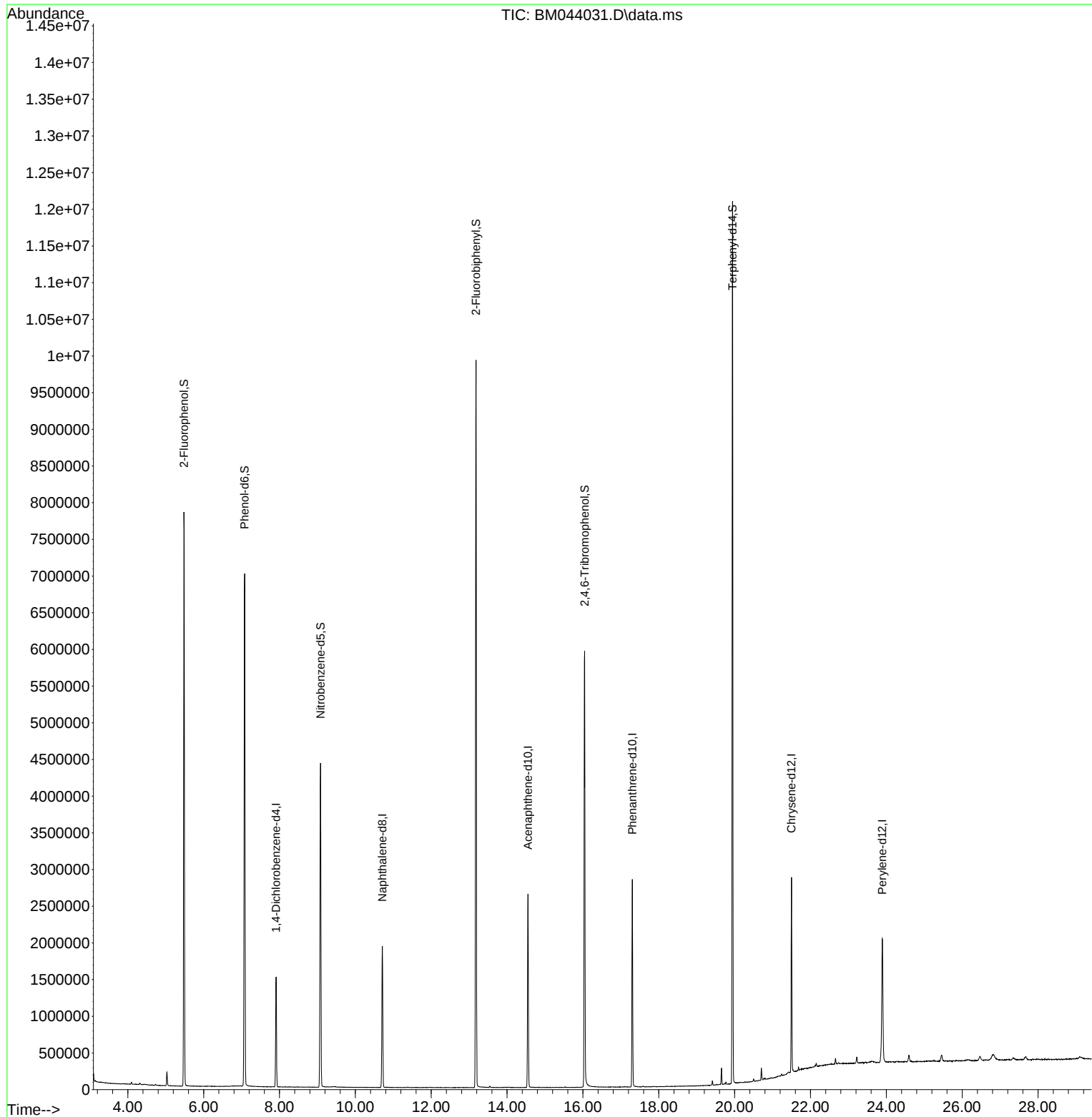
Target Compounds	Qvalue

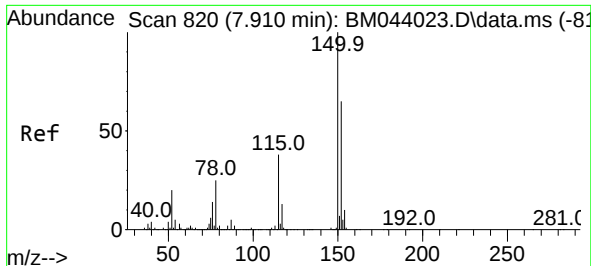
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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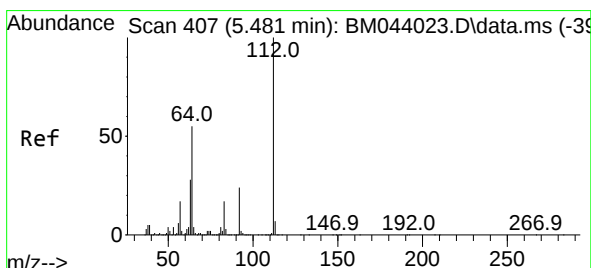
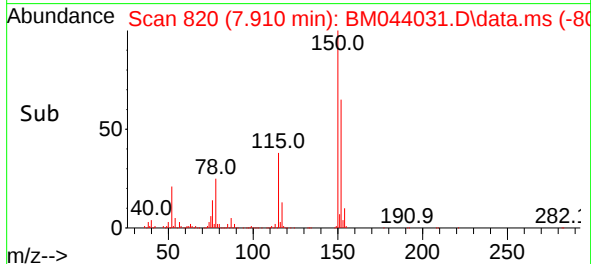
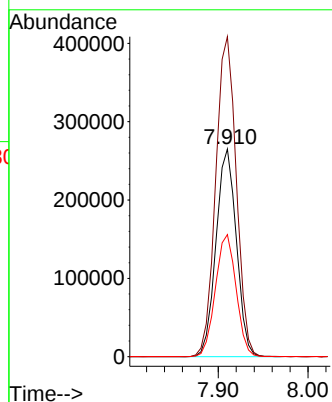
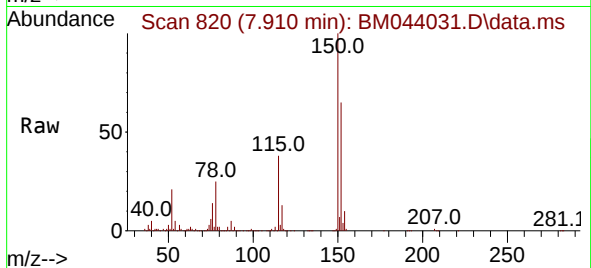




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

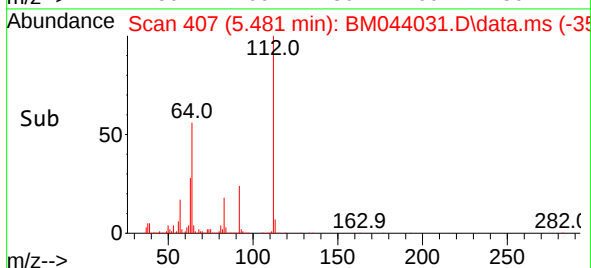
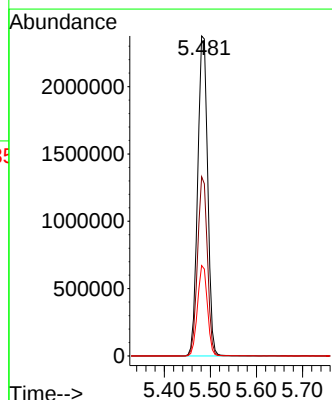
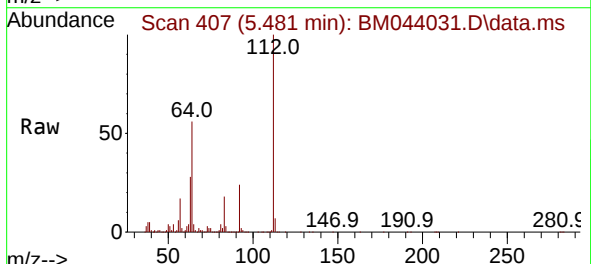
Instrument :
BNA_M
ClientSampleId :
PB158553BL

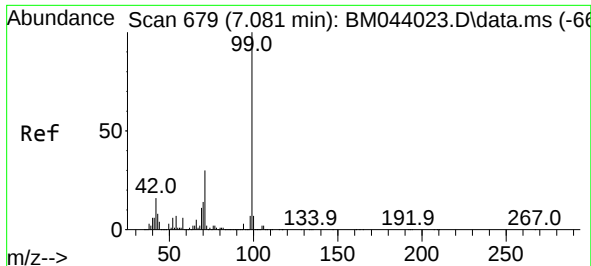
Tgt Ion:152 Resp: 417596
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 58.8 47.0 70.6



#5
2-Fluorophenol
Concen: 124.576 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

Tgt Ion:112 Resp: 3576826
Ion Ratio Lower Upper
112 100
64 56.0 44.2 66.4
63 28.3 22.6 34.0

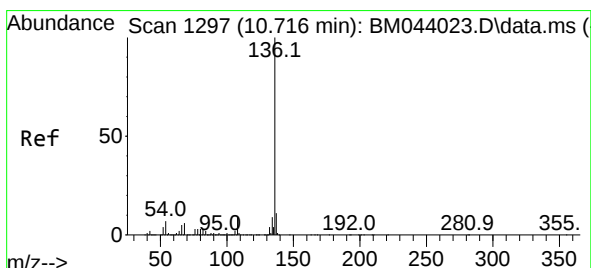
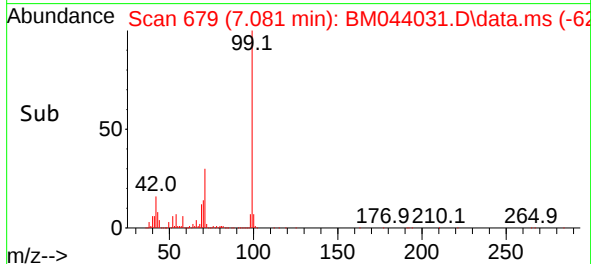
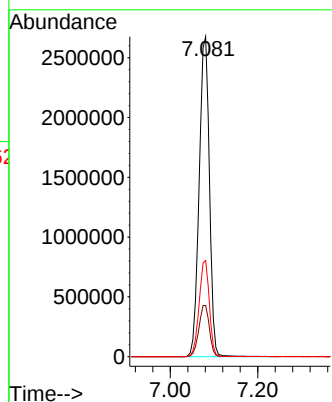
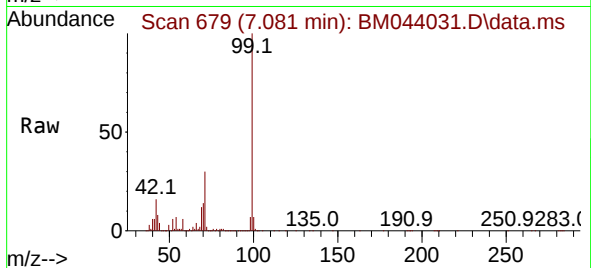




#7
Phenol-d6
Concen: 119.438 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

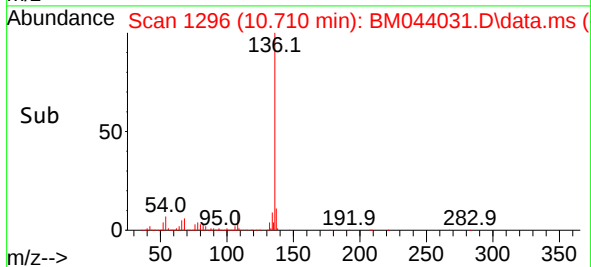
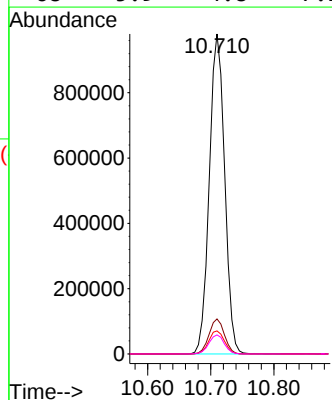
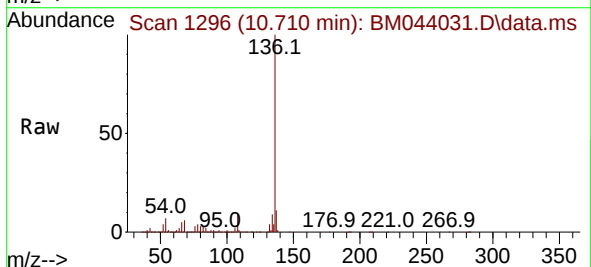
Instrument :
BNA_M
ClientSampleId :
PB158553BL

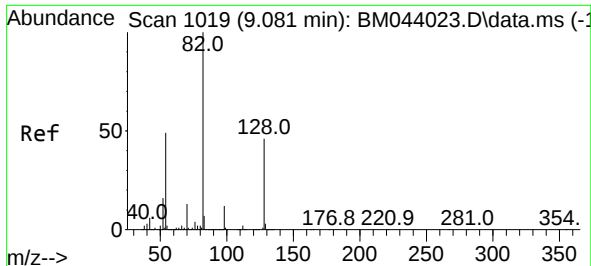
Tgt Ion: 99 Resp: 4363248
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 30.1 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

Tgt Ion:136 Resp: 1653225
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 5.9 8.9
68 5.9 4.8 7.2

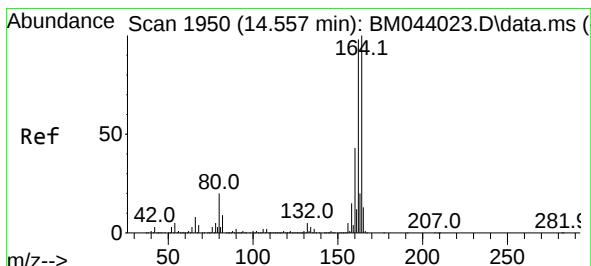
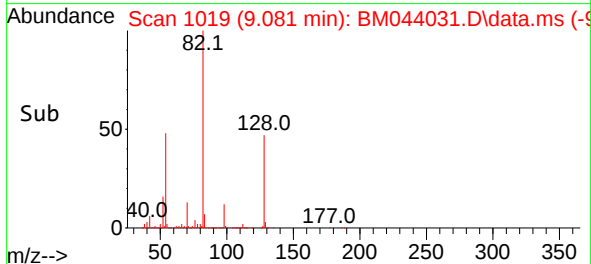
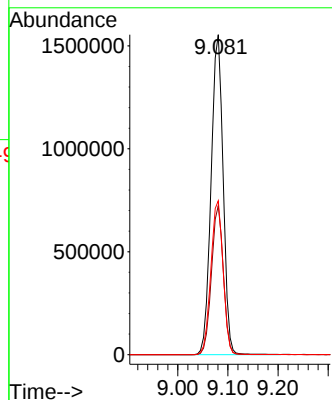
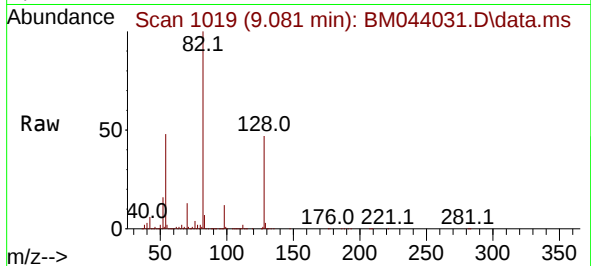




#23
Nitrobenzene-d5
Concen: 83.180 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

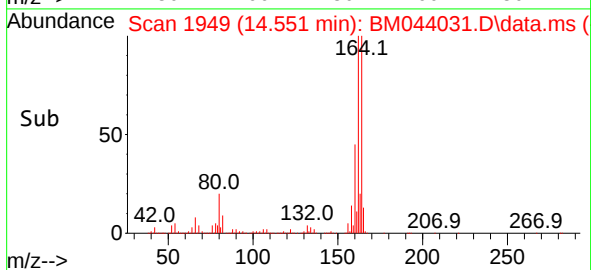
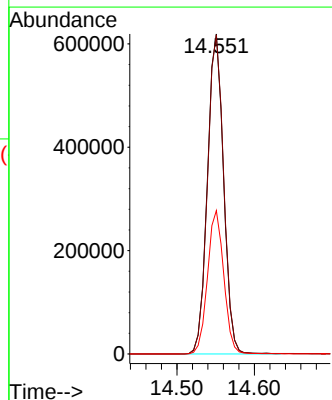
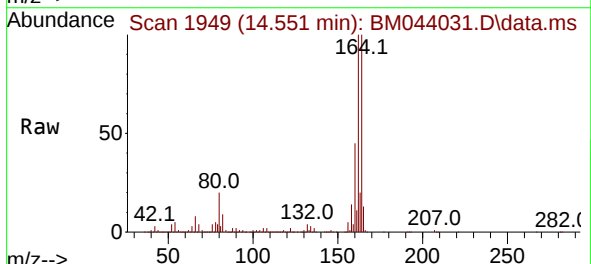
Instrument :
BNA_M
ClientSampleId :
PB158553BL

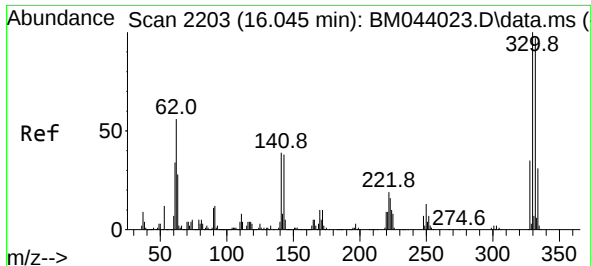
Tgt Ion: 82 Resp: 2591523
Ion Ratio Lower Upper
82 100
128 46.5 37.1 55.7
54 48.1 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

Tgt Ion:164 Resp: 895128
Ion Ratio Lower Upper
164 100
162 99.8 78.4 117.6
160 44.8 34.6 51.8

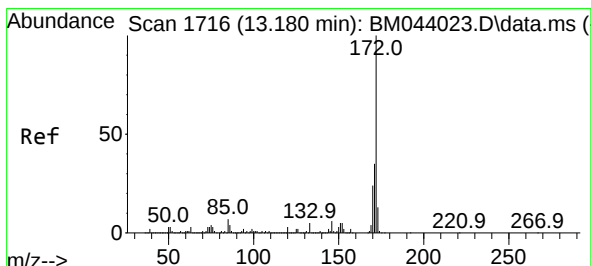
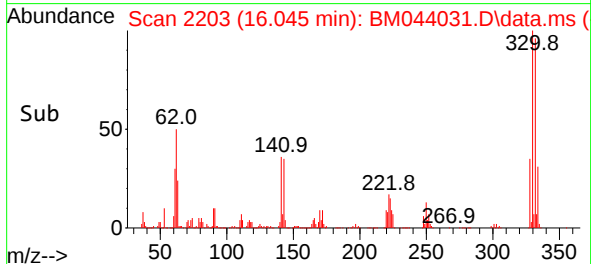
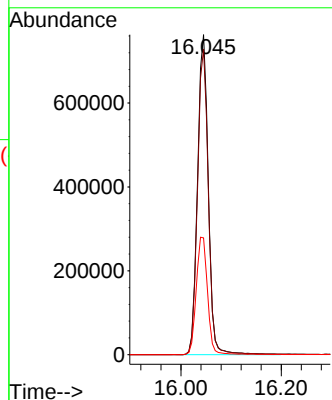
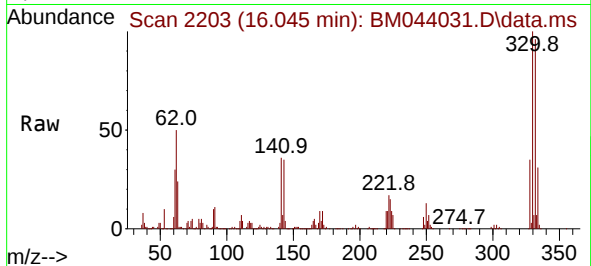




#42
2,4,6-Tribromophenol
Concen: 117.286 ng
RT: 16.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

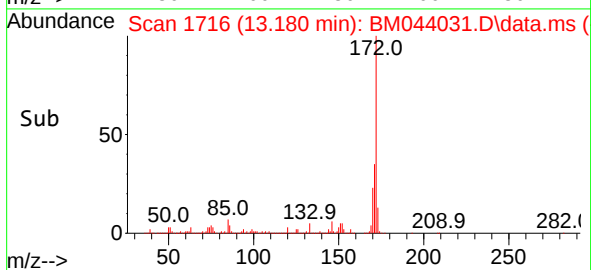
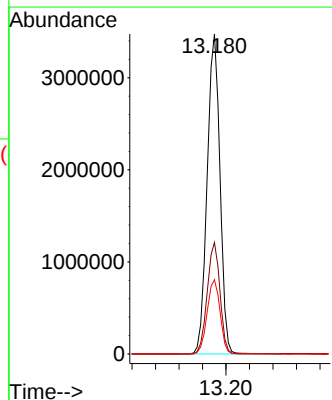
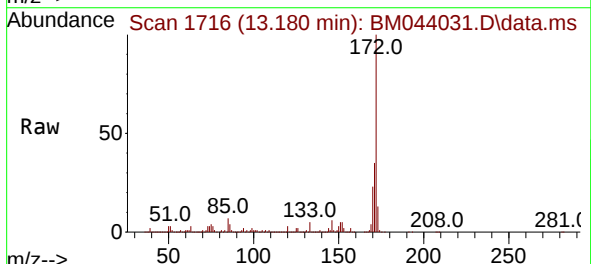
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ClientSampleId :
PB158553BL

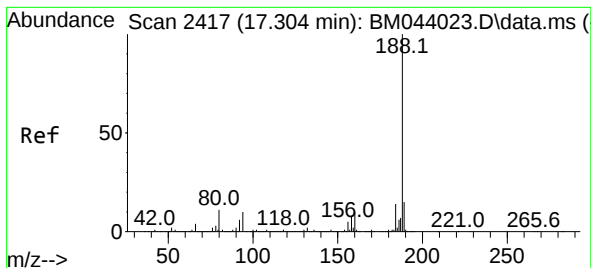
Tgt Ion:330 Resp: 1136707
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 38.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 82.836 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044031.D
Acq: 09 Feb 2024 10:05

Tgt Ion:172 Resp: 5253851
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM044031.D

Acq: 09 Feb 2024 10:05

Instrument :

BNA_M

ClientSampleId :

PB158553BL

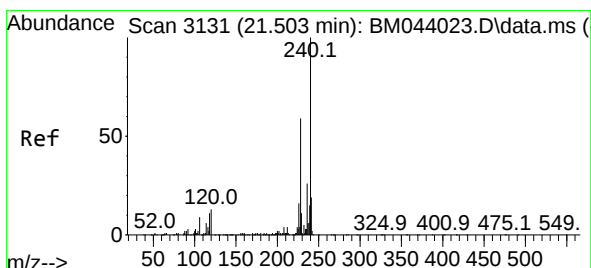
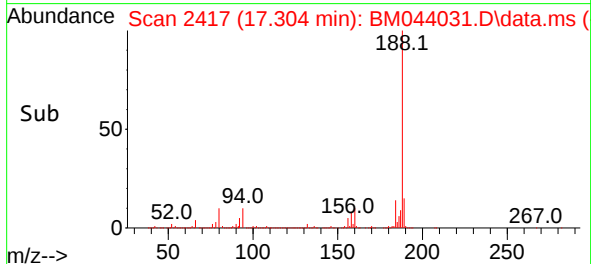
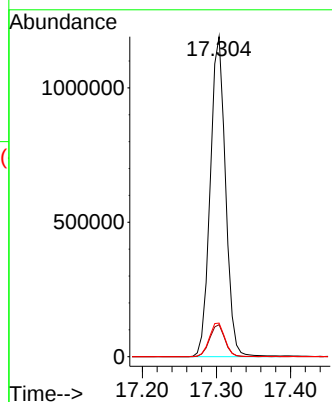
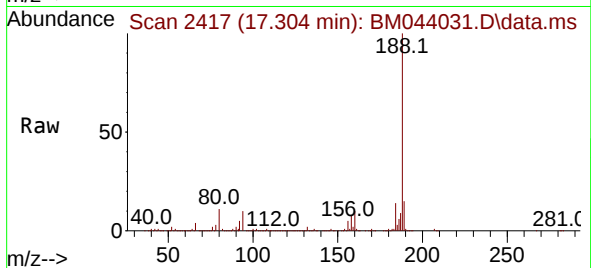
Tgt Ion:188 Resp: 1705432

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

80 10.5 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: BM044031.D

Acq: 09 Feb 2024 10:05

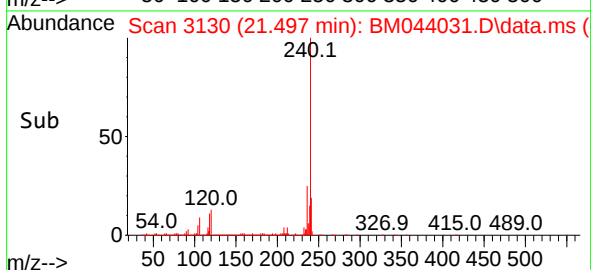
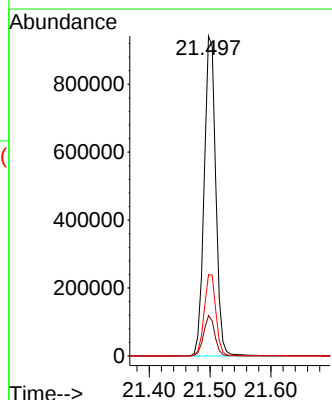
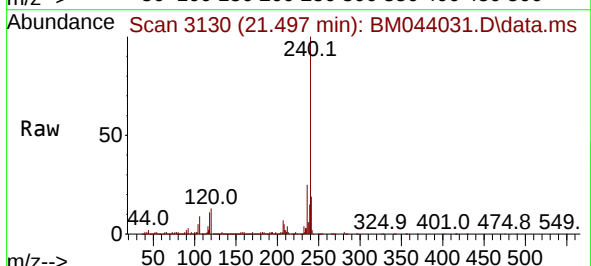
Tgt Ion:240 Resp: 1245822

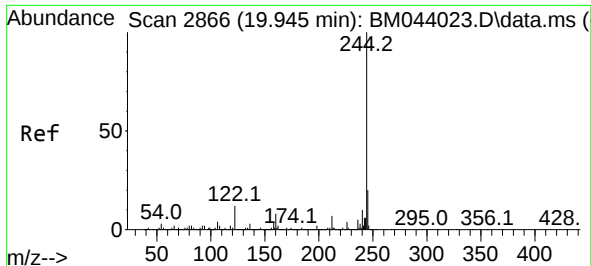
Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

236 25.4 20.6 31.0

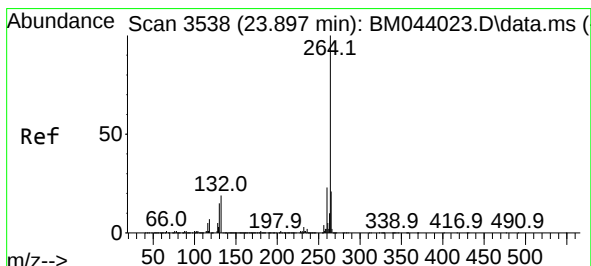
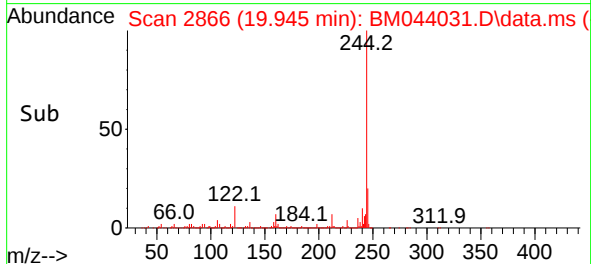
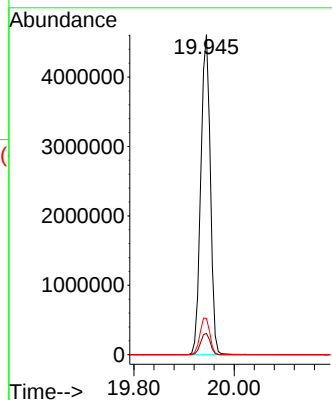
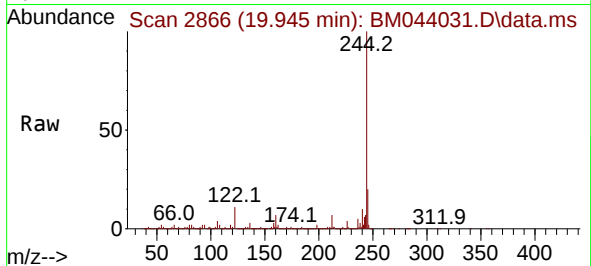




#79
 Terphenyl-d14
 Concen: 85.238 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044031.D
 Acq: 09 Feb 2024 10:05

Instrument :
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Tgt Ion:244 Resp: 6057591
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.4 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: BM044031.D
 Acq: 09 Feb 2024 10:05

Tgt Ion:264 Resp: 1338039
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.6 17.3 25.9

