

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
Data File : BM044738.D
Acq On : 22 Mar 2024 17:14
Operator : MA/JU
Sample : P159682BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB159682BL

Quant Time: Mar 22 18:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	205851	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	751977	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	390129	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	710169	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	585705	20.000	ng	-0.02
86) Perylene-d12	23.527	264	678156	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1857173	129.535	ng	0.00
7) Phenol-d6	6.875	99	2220258	120.372	ng	0.00
23) Nitrobenzene-d5	8.851	82	1373494	87.993	ng	-0.01
42) 2,4,6-Tribromophenol	15.827	330	564786	131.255	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2553830	90.154	ng	-0.02
79) Terphenyl-d14	19.727	244	3135966	93.663	ng	-0.02

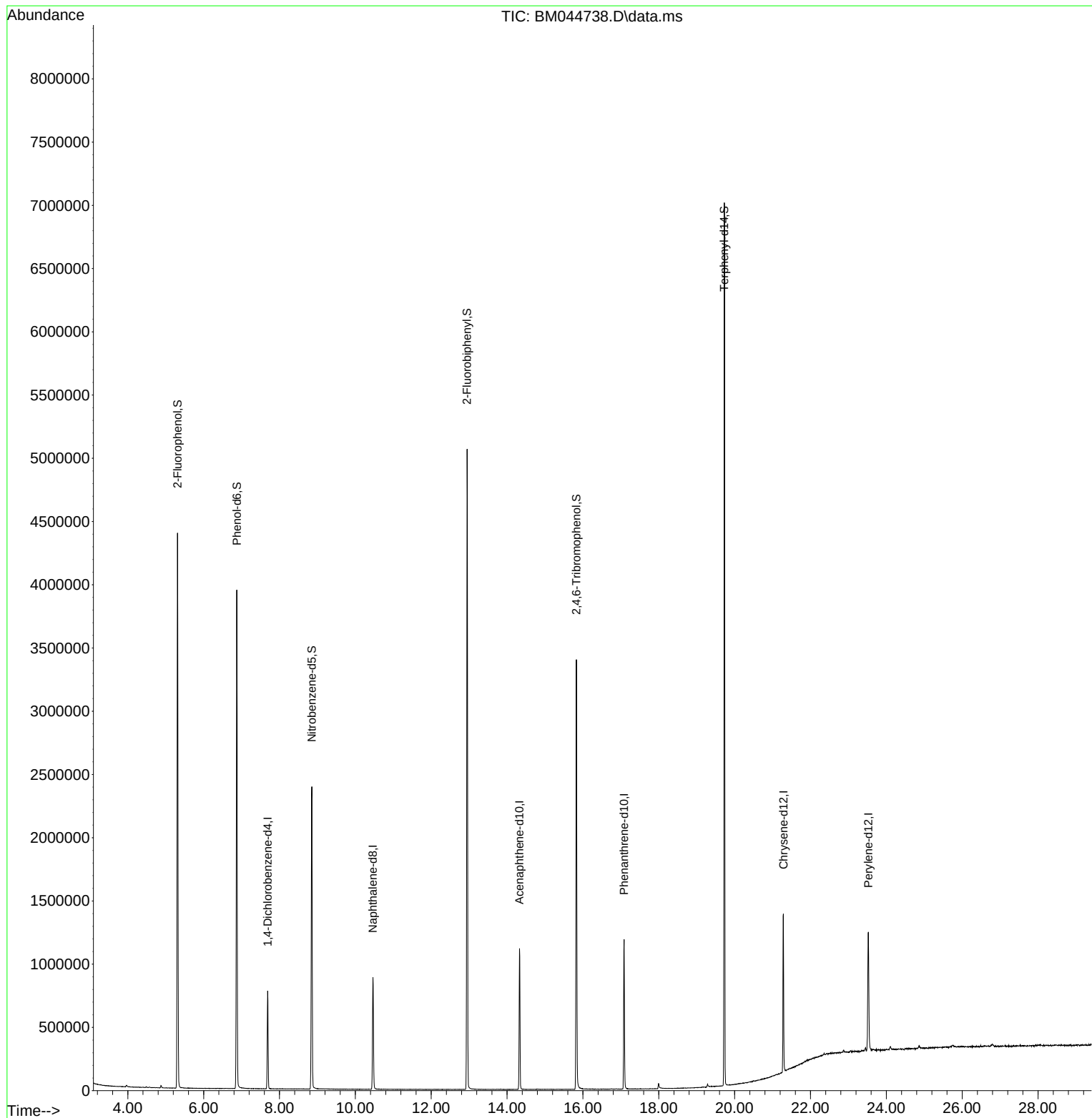
Target Compounds	Qvalue

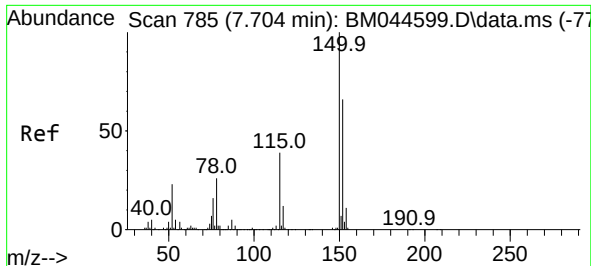
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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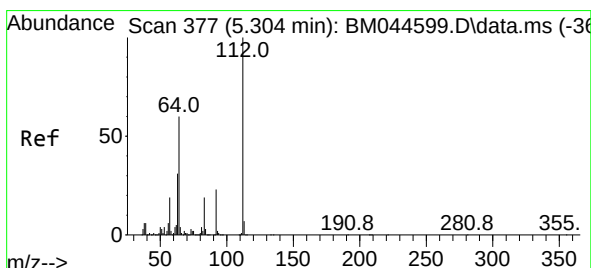
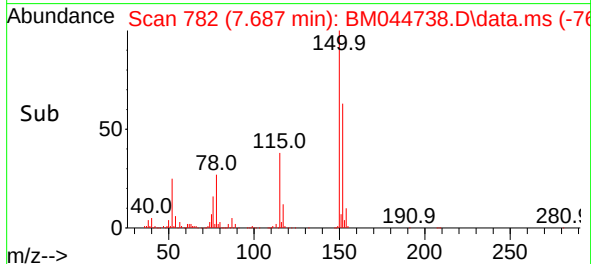
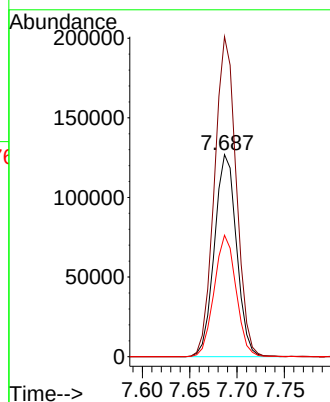
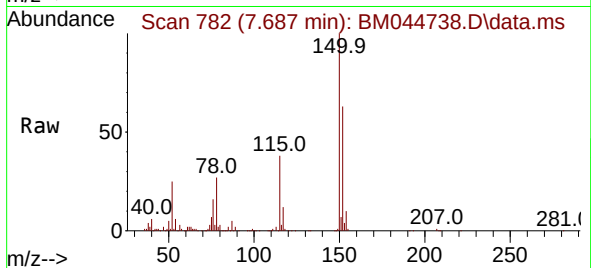




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

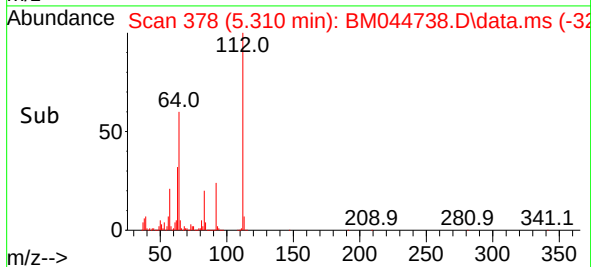
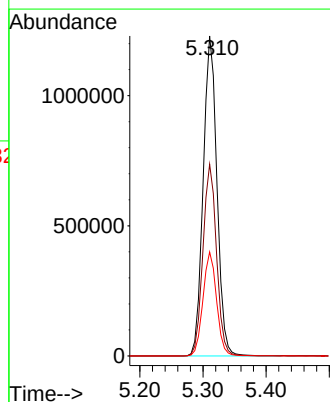
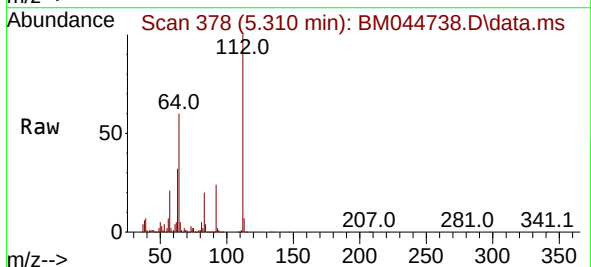
Instrument :
BNA_M
ClientSampleId :
PB159682BL

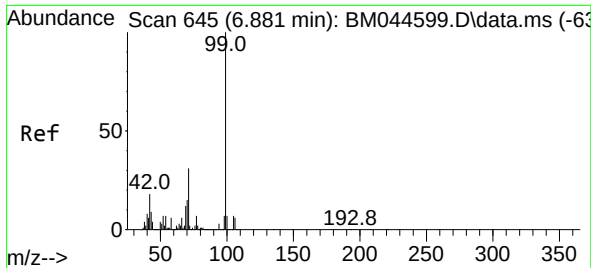
Tgt Ion:152 Resp: 205851
Ion Ratio Lower Upper
152 100
150 158.4 121.9 182.9
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 129.535 ng
RT: 5.310 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

Tgt Ion:112 Resp: 1857173
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 32.5 25.0 37.4

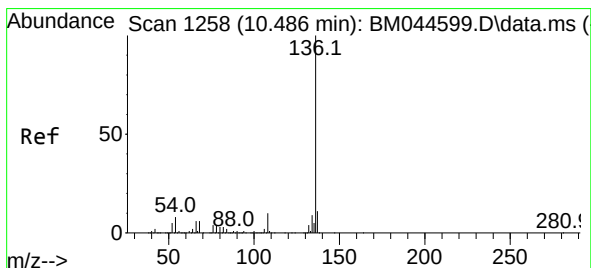
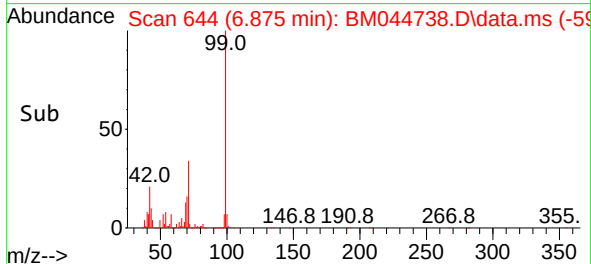
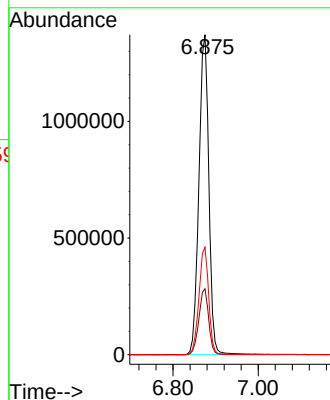
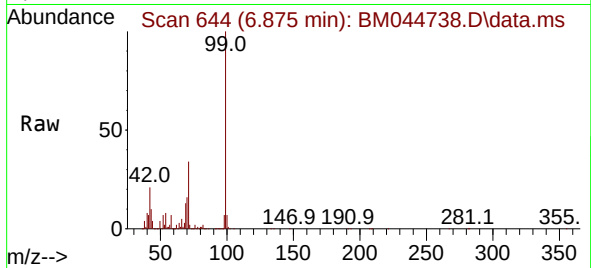




#7
Phenol-d6
Concen: 120.372 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

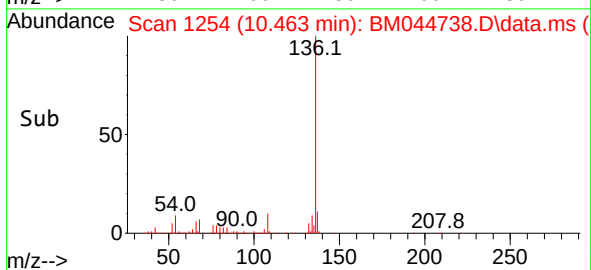
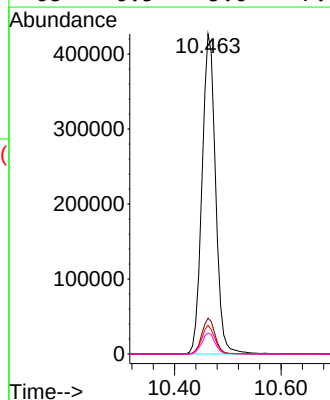
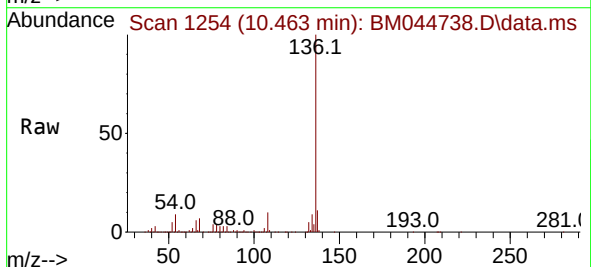
Instrument :
BNA_M
ClientSampleId :
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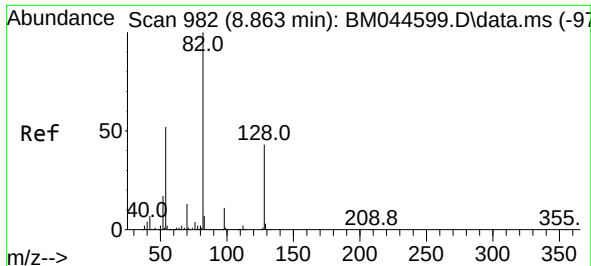
Tgt Ion: 99 Resp: 2220258
Ion Ratio Lower Upper
99 100
42 20.6 14.3 21.5
71 33.6 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

Tgt Ion: 136 Resp: 751977
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.9 6.6 10.0
68 6.5 5.0 7.4

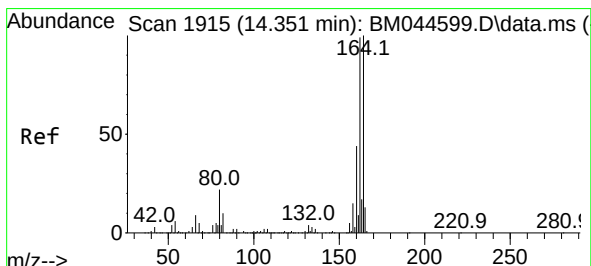
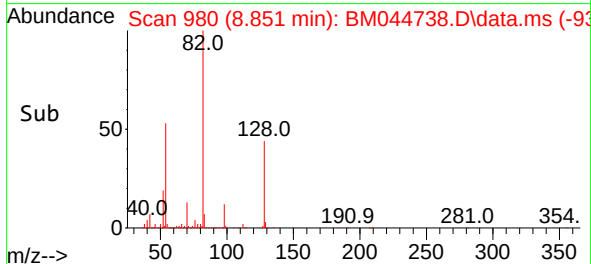
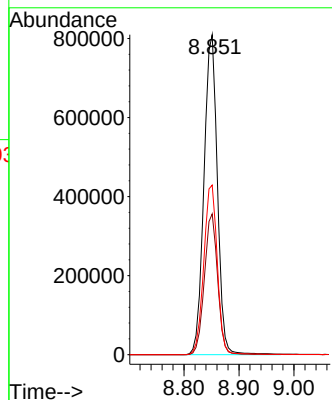
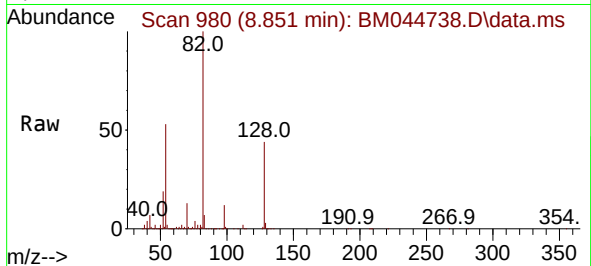




#23
Nitrobenzene-d5
Concen: 87.993 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

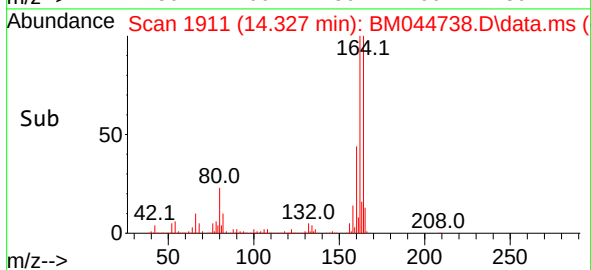
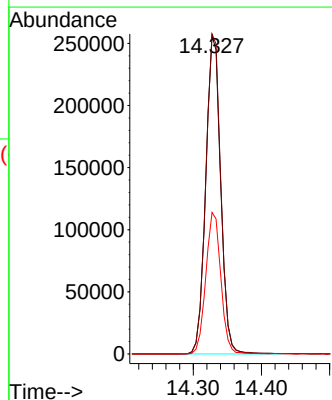
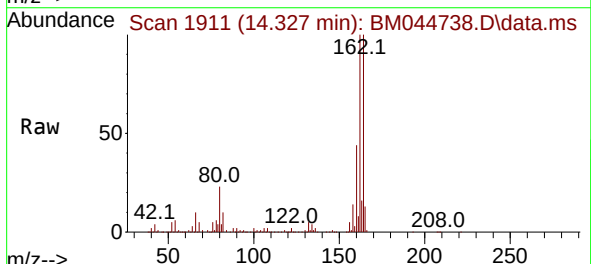
Instrument :
BNA_M
ClientSampleId :
PB159682BL

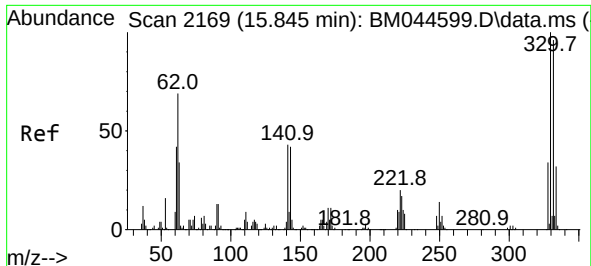
Tgt Ion: 82 Resp: 1373494
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 53.0 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

Tgt Ion:164 Resp: 390129
Ion Ratio Lower Upper
164 100
162 100.5 79.3 118.9
160 44.4 35.2 52.8

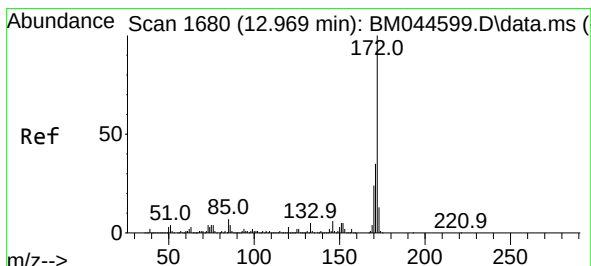
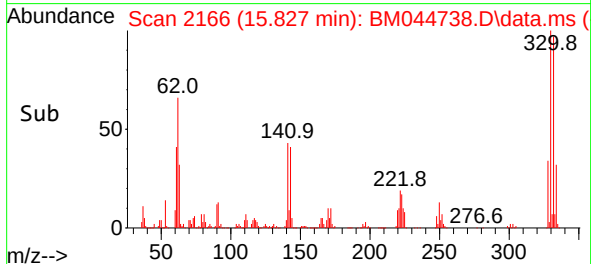
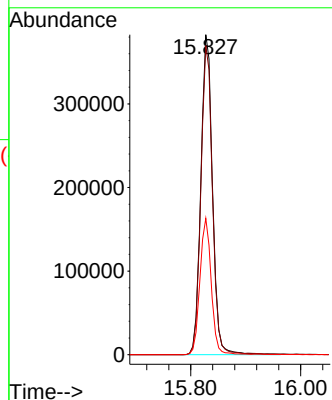
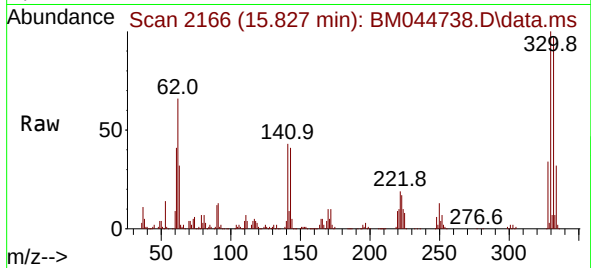




#42
2,4,6-Tribromophenol
Concen: 131.255 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

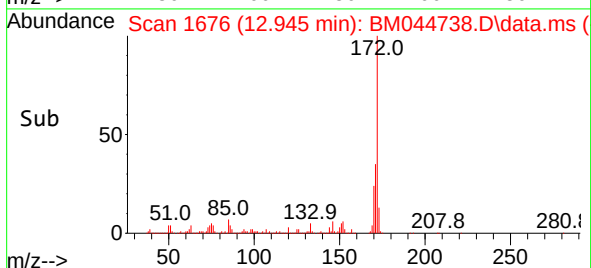
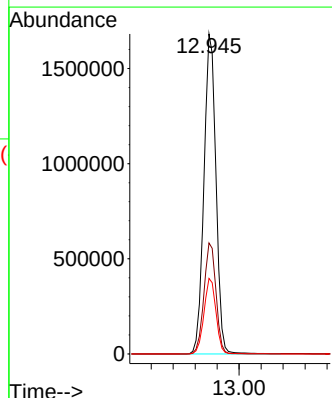
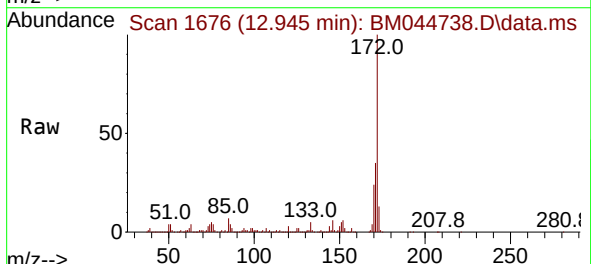
Instrument :
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ClientSampleId :
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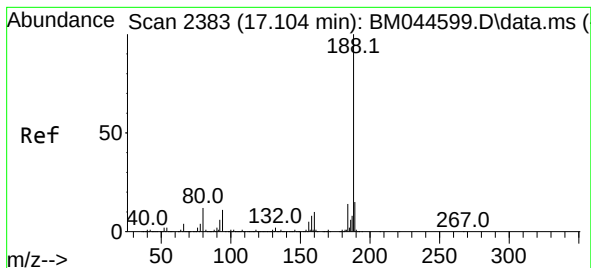
Tgt Ion:330 Resp: 564786
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 41.4 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 90.154 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044738.D
Acq: 22 Mar 2024 17:14

Tgt Ion:172 Resp: 2553830
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044738.D

Acq: 22 Mar 2024 17:14

Instrument :

BNA_M

ClientSampleId :

PB159682BL

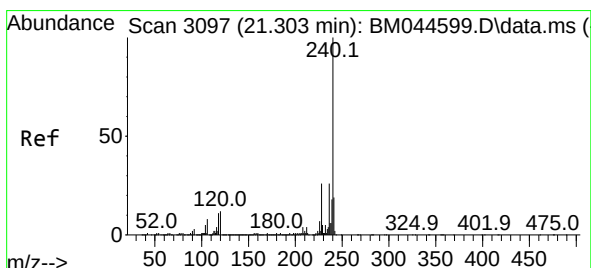
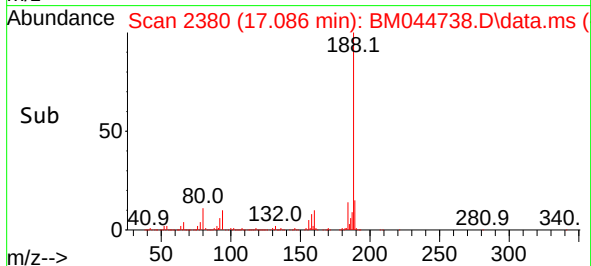
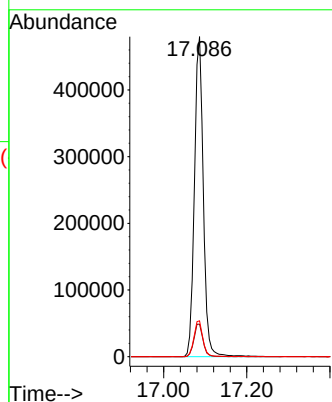
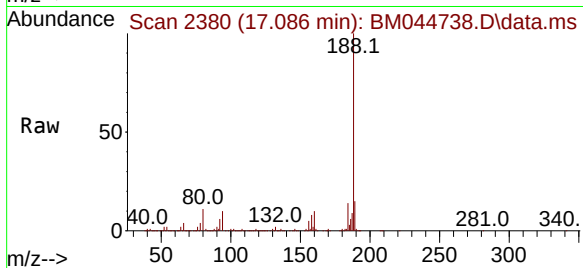
Tgt Ion:188 Resp: 710169

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

80 11.2 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.017 min

Lab File: BM044738.D

Acq: 22 Mar 2024 17:14

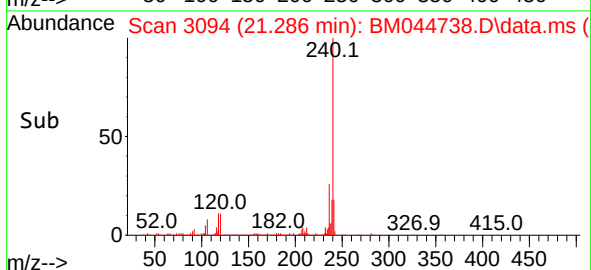
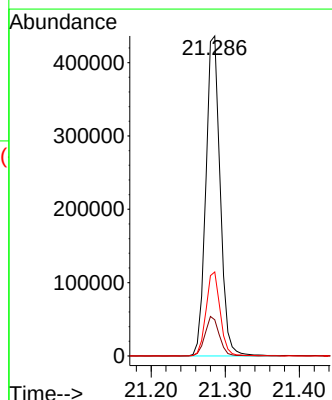
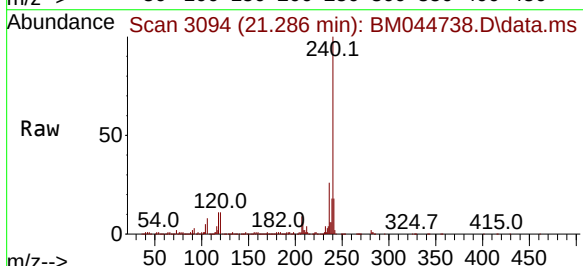
Tgt Ion:240 Resp: 585705

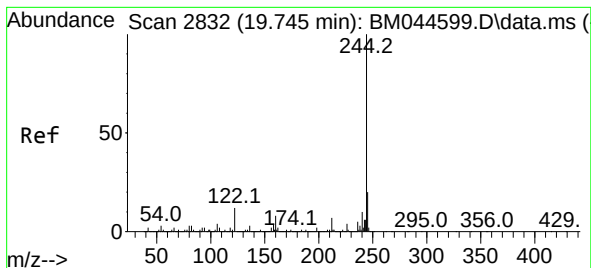
Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 93.663 ng

RT: 19.727 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044738.D

Acq: 22 Mar 2024 17:14

Instrument :

BNA_M

ClientSampleId :

PB159682BL

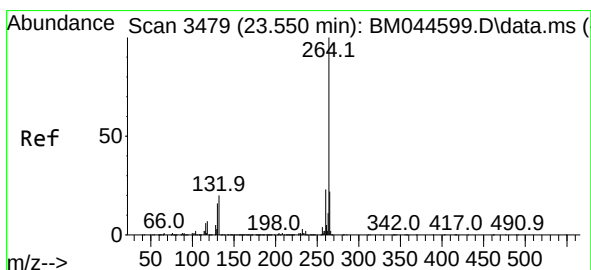
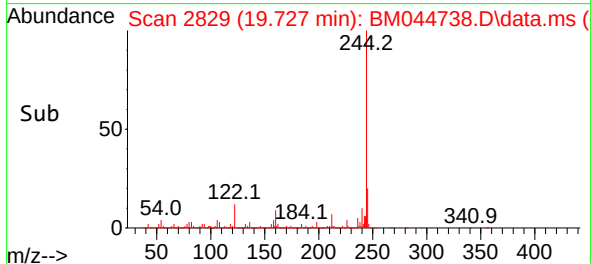
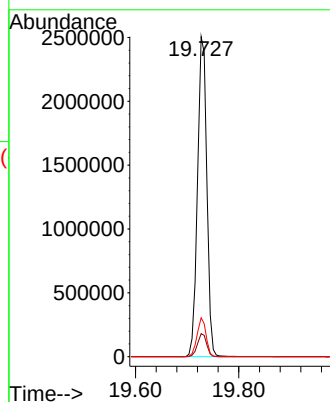
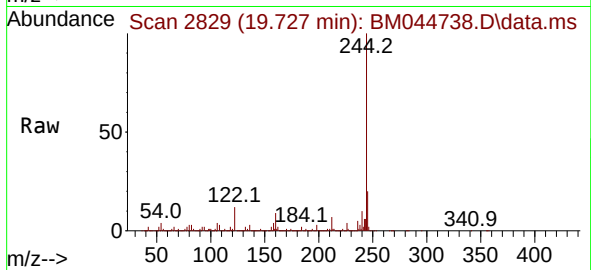
Tgt Ion:244 Resp: 3135966

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.2 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.527 min Scan# 3475

Delta R.T. -0.023 min

Lab File: BM044738.D

Acq: 22 Mar 2024 17:14

Tgt Ion:264 Resp: 678156

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.4 17.5 26.3

