

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046346.D
 Acq On : 28 Jun 2024 10:18
 Operator : MA/JU
 Sample : PB161765BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161765BL

Quant Time: Jun 28 11:37:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	71062	20.000	ng	0.00
21) Naphthalene-d8	10.151	136	282914	20.000	ng	0.02
39) Acenaphthene-d10	14.033	164	181506	20.000	ng	0.01
64) Phenanthrene-d10	16.786	188	391796	20.000	ng	0.01
76) Chrysene-d12	21.003	240	364180	20.000	ng	0.00
86) Perylene-d12	23.674	264	444828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	652989	147.706	ng	0.00
7) Phenol-d6	6.634	99	816588	130.024	ng	0.00
23) Nitrobenzene-d5	8.545	82	553011	81.034	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	288573	130.733	ng	0.00
45) 2-Fluorobiphenyl	12.645	172	1054799	78.766	ng	0.01
79) Terphenyl-d14	19.427	244	1856826	84.357	ng	0.00

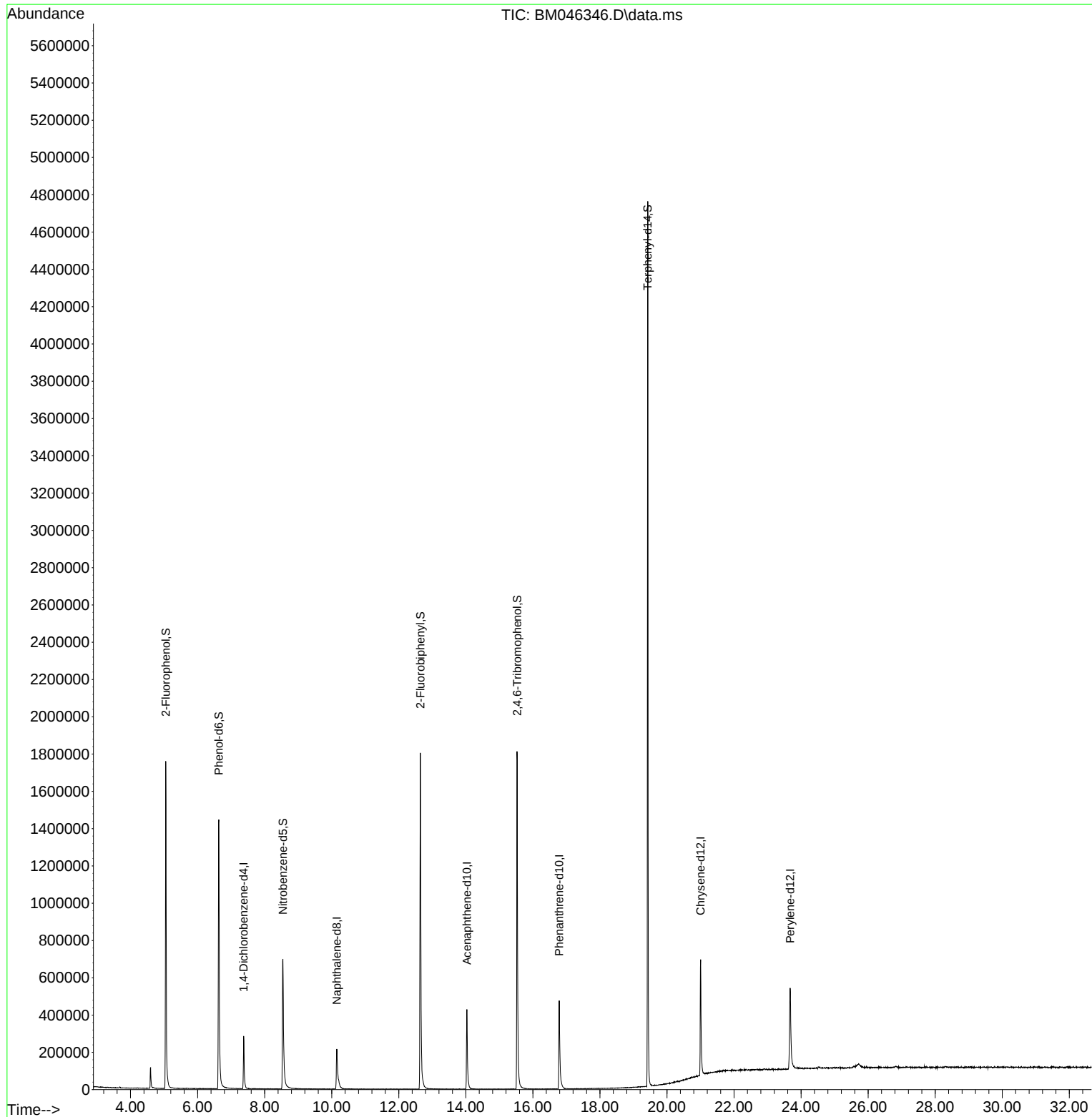
Target Compounds	Qvalue

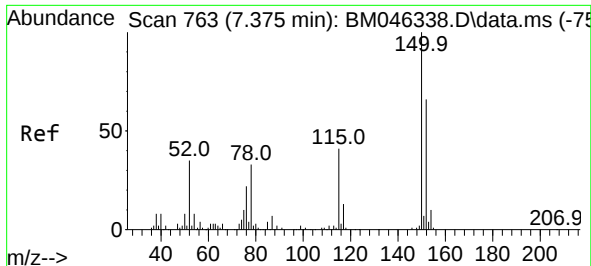
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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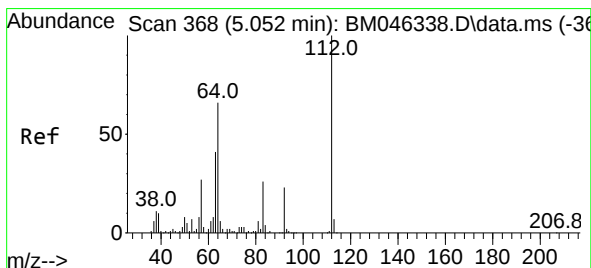
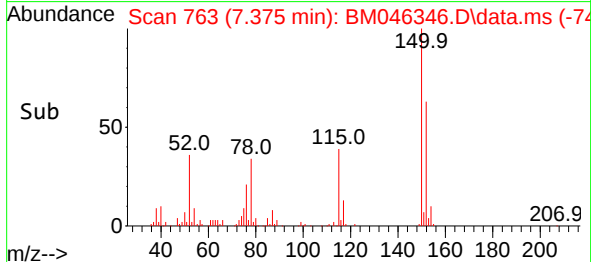
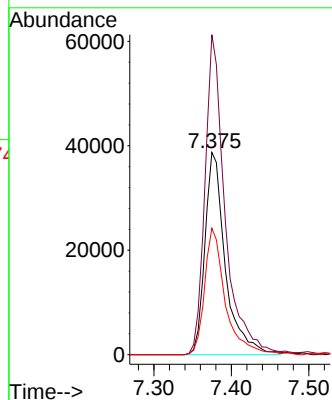
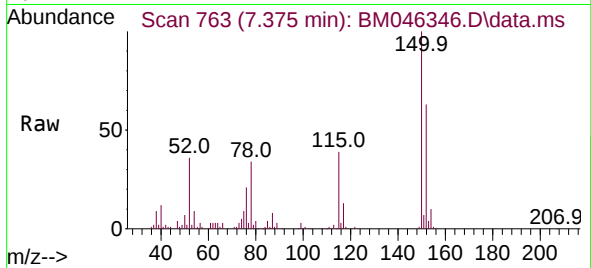




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM046346.D
Acq: 28 Jun 2024 10:18

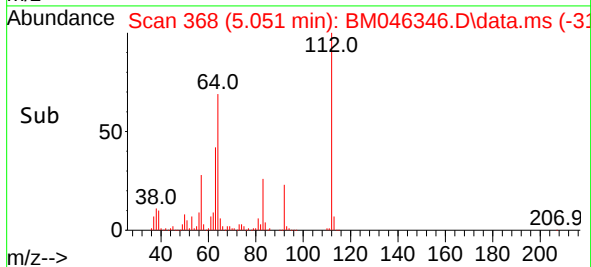
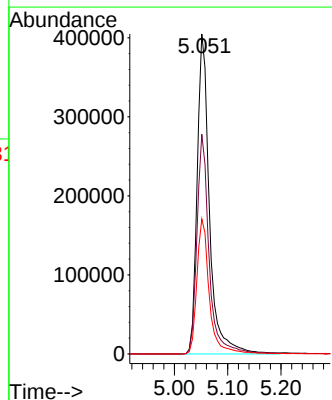
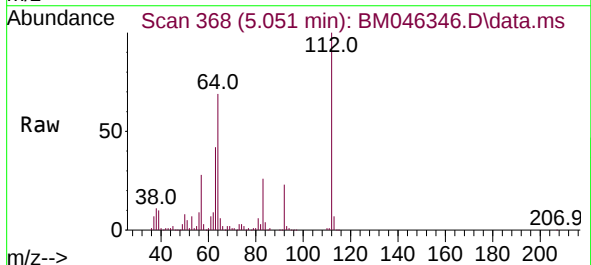
Instrument :
BNA_M
ClientSampleId :
PB161765BL

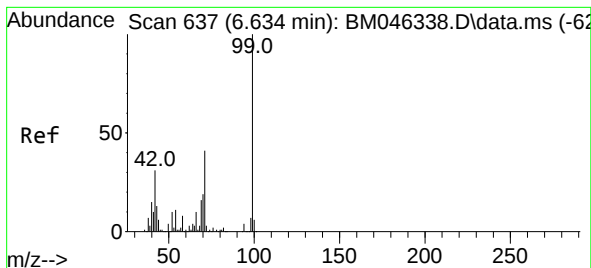
Tgt Ion:152 Resp: 71062
Ion Ratio Lower Upper
152 100
150 158.2 122.1 183.1
115 62.5 50.2 75.4



#5
2-Fluorophenol
Concen: 147.706 ng
RT: 5.051 min Scan# 368
Delta R.T. -0.000 min
Lab File: BM046346.D
Acq: 28 Jun 2024 10:18

Tgt Ion:112 Resp: 652989
Ion Ratio Lower Upper
112 100
64 68.7 52.8 79.2
63 42.2 32.9 49.3





#7

Phenol-d6

Concen: 130.024 ng

RT: 6.634 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM046346.D

Acq: 28 Jun 2024 10:18

Instrument :

BNA_M

ClientSampleId :

PB161765BL

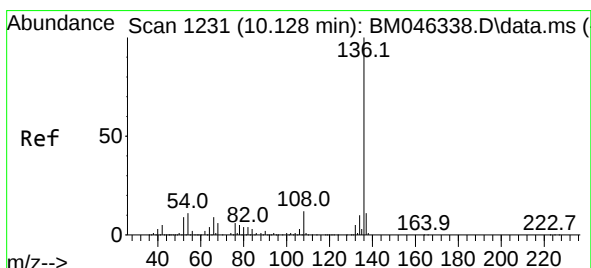
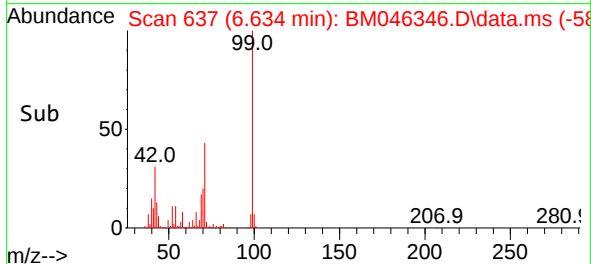
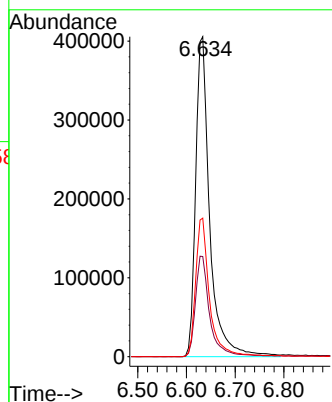
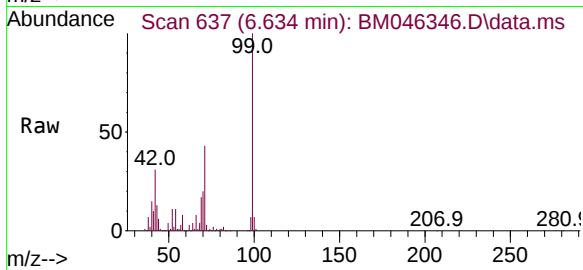
Tgt Ion: 99 Resp: 816588

Ion Ratio Lower Upper

99 100

42 31.3 24.8 37.2

71 43.3 33.1 49.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.151 min Scan# 1235

Delta R.T. 0.023 min

Lab File: BM046346.D

Acq: 28 Jun 2024 10:18

Tgt Ion:136 Resp: 282914

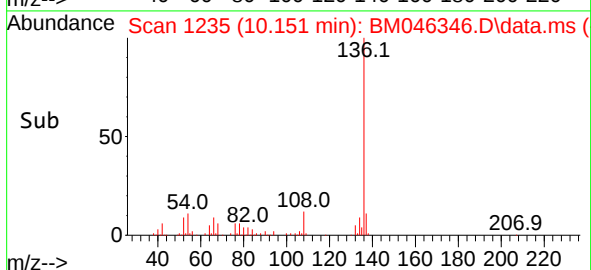
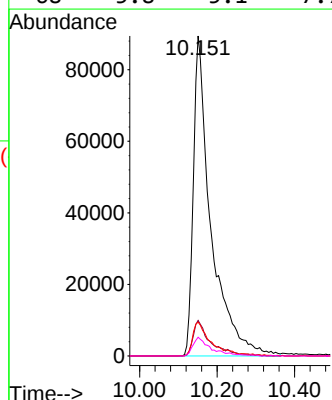
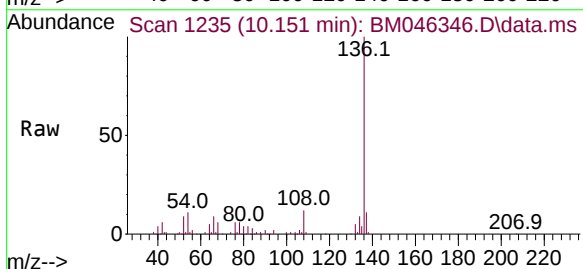
Ion Ratio Lower Upper

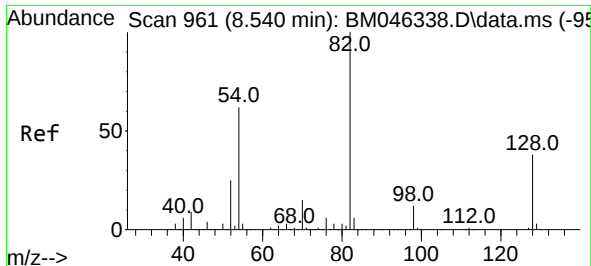
136 100

137 11.1 8.6 13.0

54 10.6 9.0 13.4

68 5.8 5.1 7.7

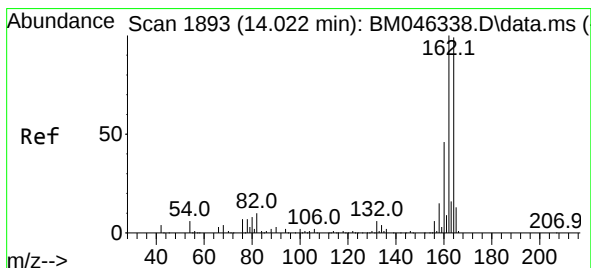
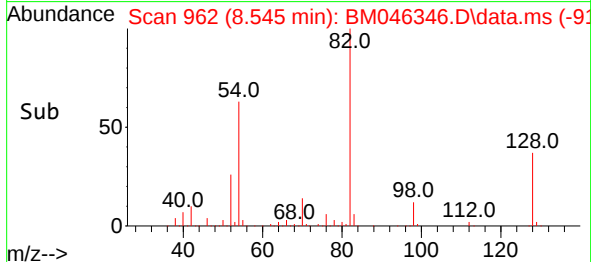
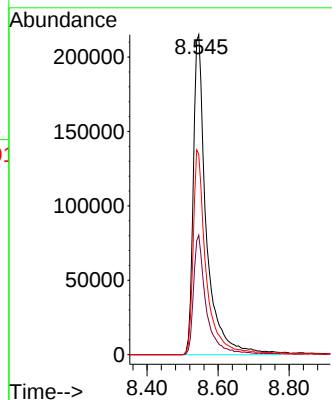
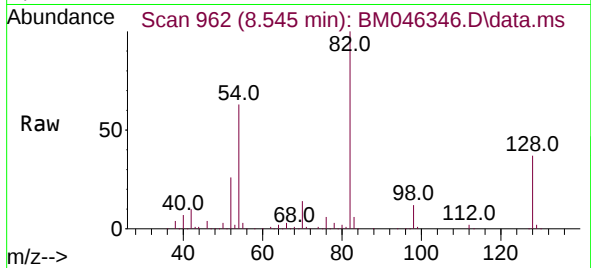




#23
Nitrobenzene-d5
Concen: 81.034 ng
RT: 8.545 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM046346.D
Acq: 28 Jun 2024 10:18

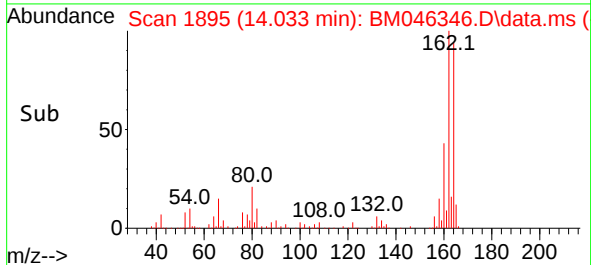
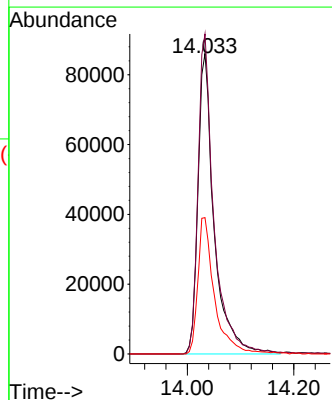
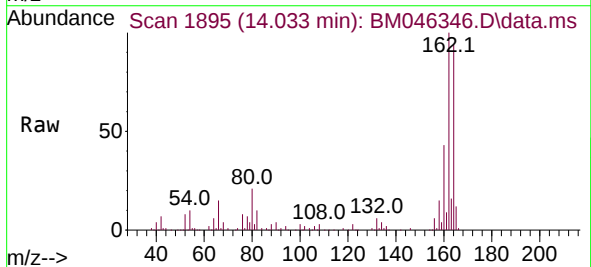
Instrument :
BNA_M
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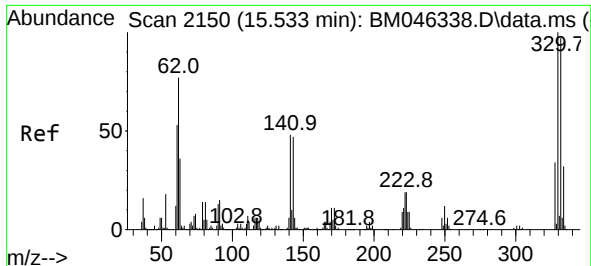
Tgt Ion: 82 Resp: 553011
Ion Ratio Lower Upper
82 100
128 37.3 30.6 46.0
54 62.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.033 min Scan# 1895
Delta R.T. 0.011 min
Lab File: BM046346.D
Acq: 28 Jun 2024 10:18

Tgt Ion: 164 Resp: 181506
Ion Ratio Lower Upper
164 100
162 106.5 80.5 120.7
160 45.4 37.0 55.6

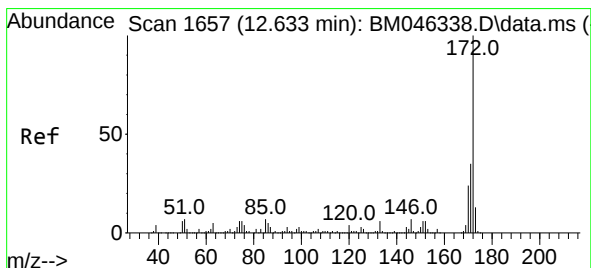
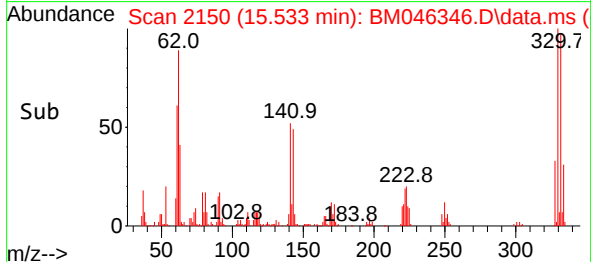
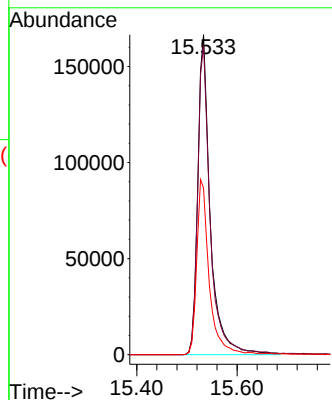
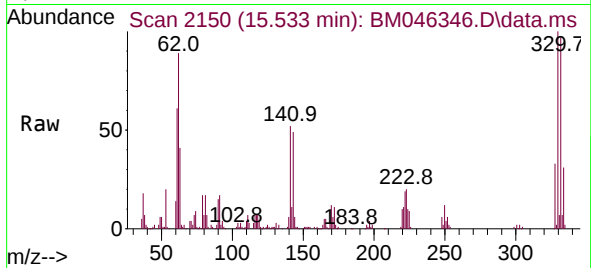




#42
2,4,6-Tribromophenol
Concen: 130.733 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM046346.D
Acq: 28 Jun 2024 10:18

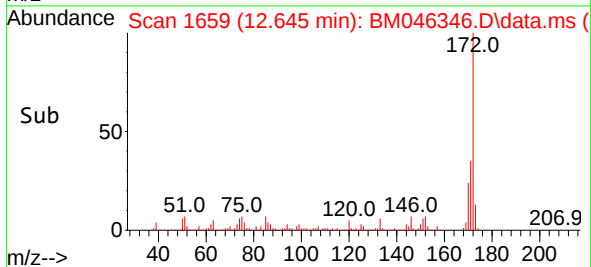
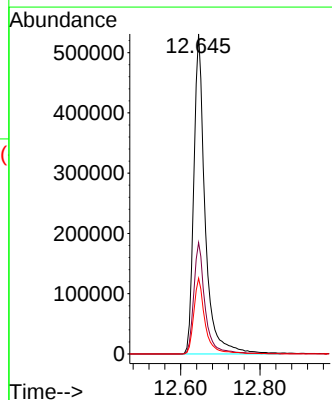
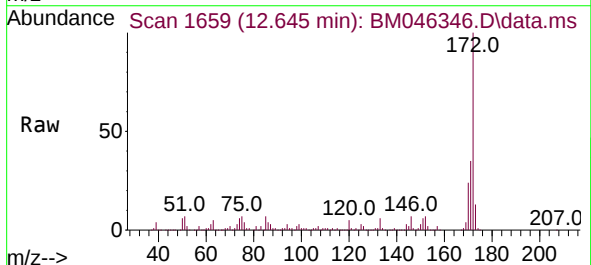
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BNA_M
ClientSampleId :
PB161765BL

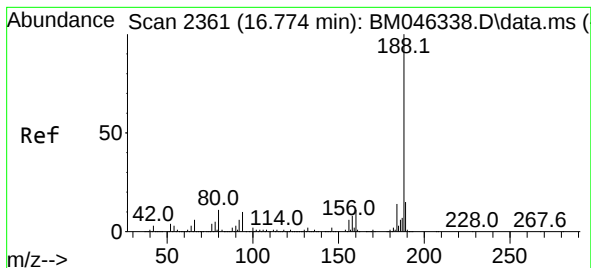
Tgt Ion:330 Resp: 288573
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.6
141 54.5 43.2 64.8



#45
2-Fluorobiphenyl
Concen: 78.766 ng
RT: 12.645 min Scan# 1659
Delta R.T. 0.012 min
Lab File: BM046346.D
Acq: 28 Jun 2024 10:18

Tgt Ion:172 Resp: 1054799
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM046346.D

Acq: 28 Jun 2024 10:18

Instrument :

BNA_M

ClientSampleId :

PB161765BL

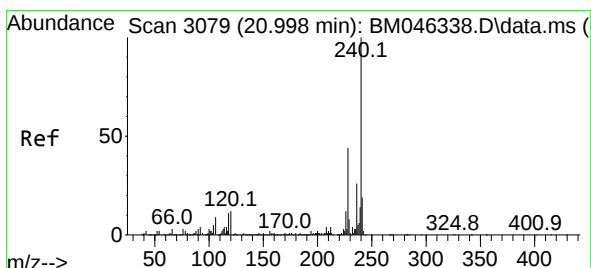
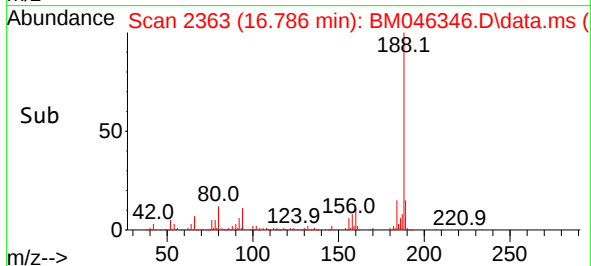
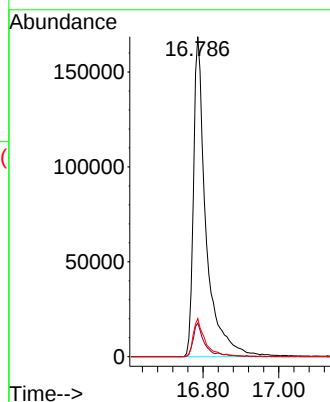
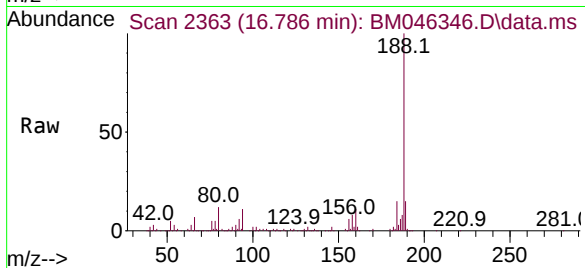
Tgt Ion:188 Resp: 391796

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.9 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM046346.D

Acq: 28 Jun 2024 10:18

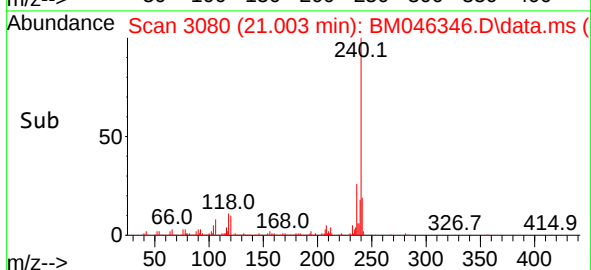
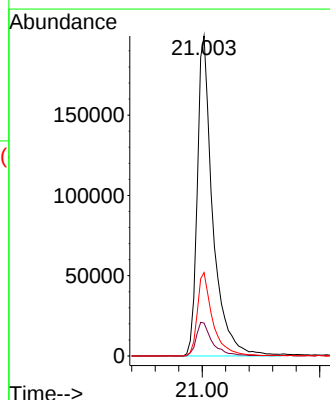
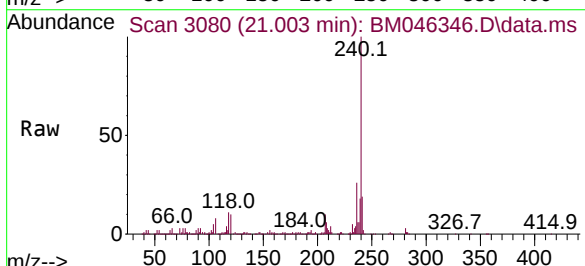
Tgt Ion:240 Resp: 364180

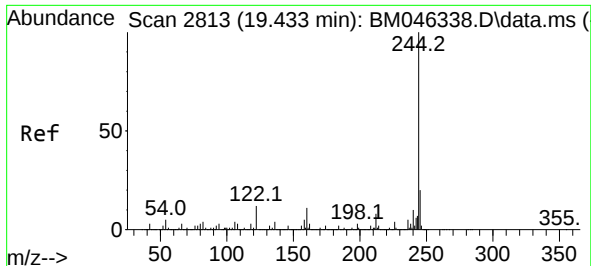
Ion Ratio Lower Upper

240 100

120 10.3 9.3 13.9

236 26.1 20.5 30.7

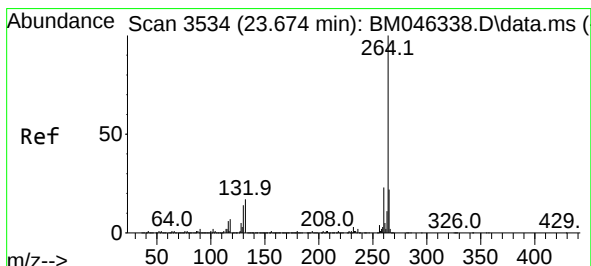
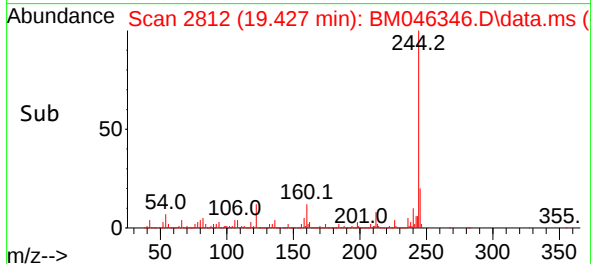
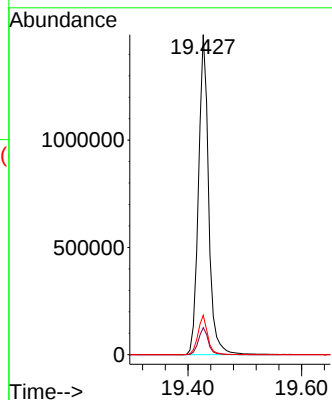
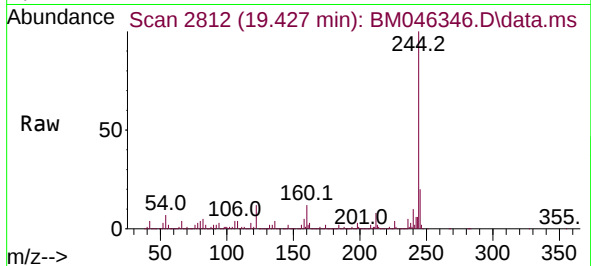




#79
Terphenyl-d14
Concen: 84.357 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046346.D
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Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1856826
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 12.3 9.4 14.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046346.D
Acq: 28 Jun 2024 10:18

Tgt Ion:264 Resp: 444828
Ion Ratio Lower Upper
264 100
260 22.2 18.5 27.7
265 21.0 17.7 26.5

