

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048212.D
Acq On : 24 Oct 2024 11:50
Operator : RC/JU
Sample : PB164369BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB164369BL

Quant Time: Oct 24 12:36:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	201808	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	755271	20.000	ng	0.00
39) Acenaphthene-d10	14.368	164	451085	20.000	ng	0.00
64) Phenanthrene-d10	17.109	188	855662	20.000	ng	0.00
76) Chrysene-d12	21.333	240	674681	20.000	ng	0.00
86) Perylene-d12	24.291	264	711330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1817481	151.386	ng	0.00
7) Phenol-d6	6.904	99	2155715	137.876	ng	0.00
23) Nitrobenzene-d5	8.881	82	1232464	92.137	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	732767	132.716	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	2758153	93.827	ng	0.00
79) Terphenyl-d14	19.733	244	3487510	105.488	ng	0.00

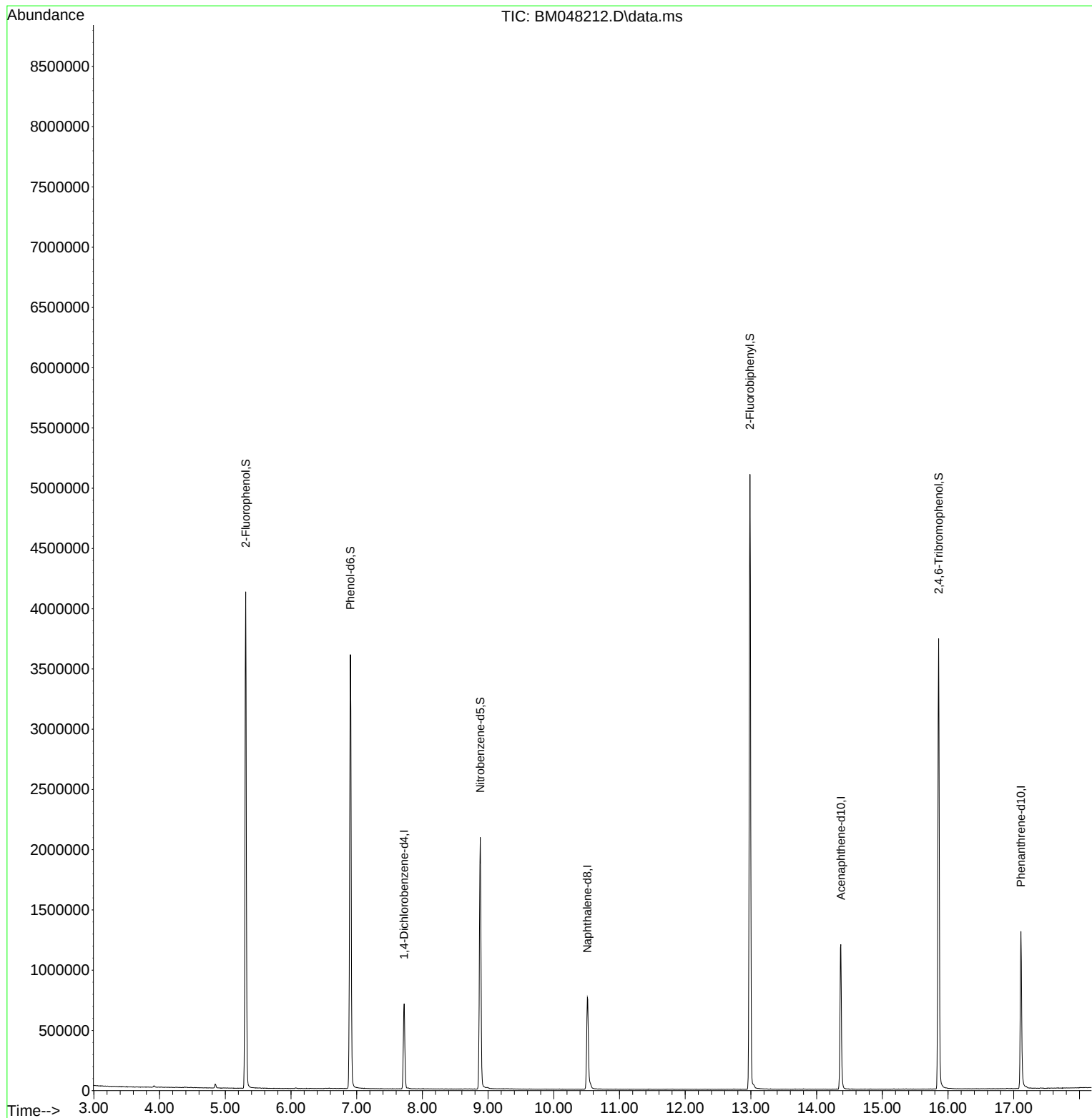
Target Compounds Qvalue

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

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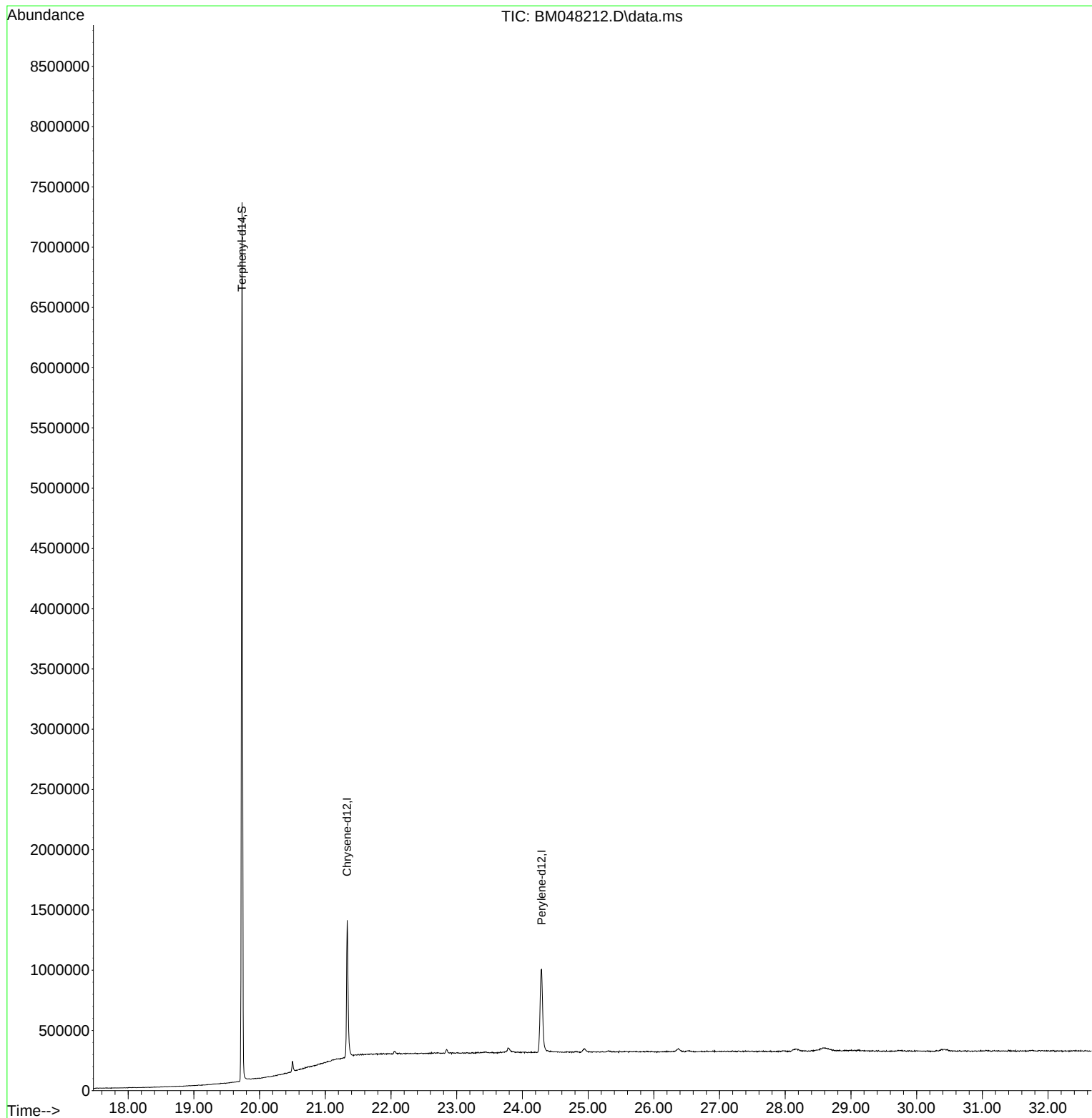
Quant Time: Oct 24 12:36:30 2024
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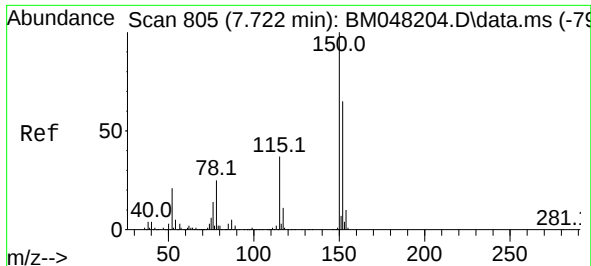


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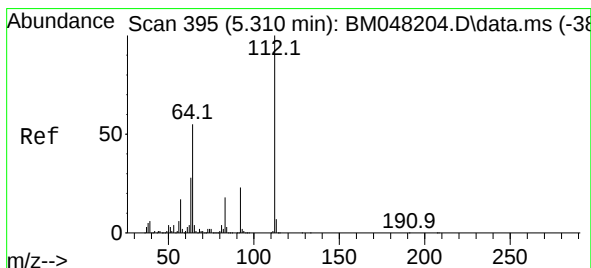
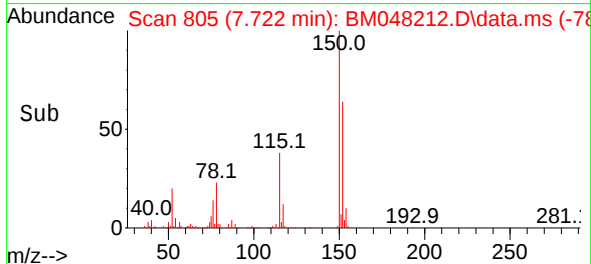
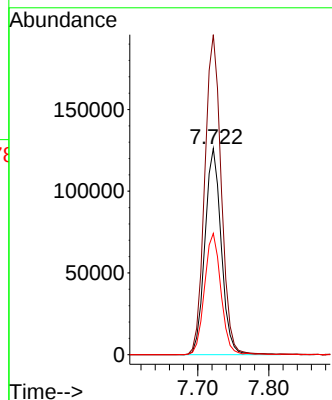
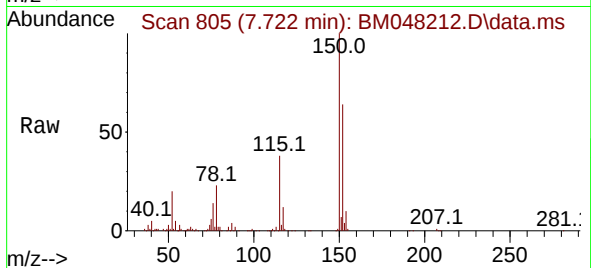




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM048212.D
Acq: 24 Oct 2024 11:50

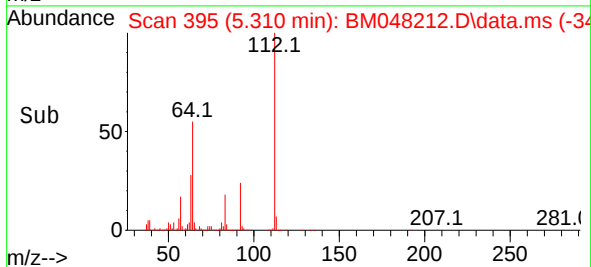
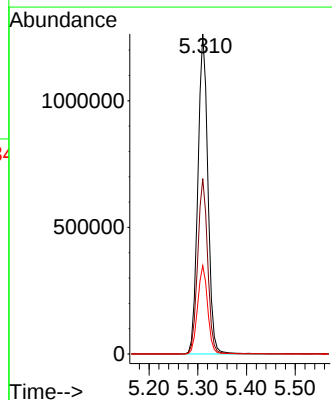
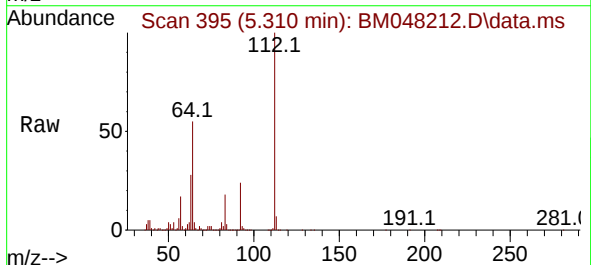
Instrument :
BNA_M
ClientSampleId :
PB164369BL

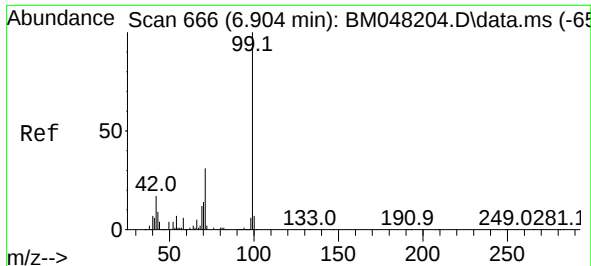
Tgt Ion:152 Resp: 201808
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.6
115 58.8 45.8 68.6



#5
2-Fluorophenol
Concen: 151.386 ng
RT: 5.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: BM048212.D
Acq: 24 Oct 2024 11:50

Tgt Ion:112 Resp: 1817481
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 27.6 22.7 34.1

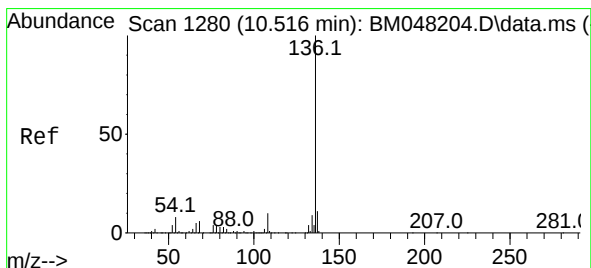
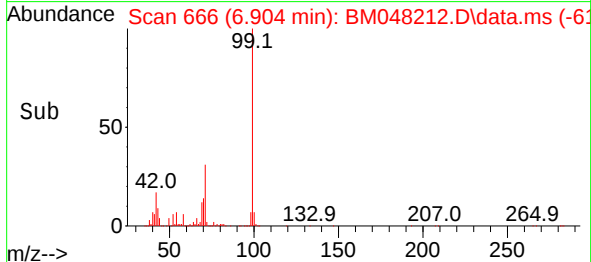
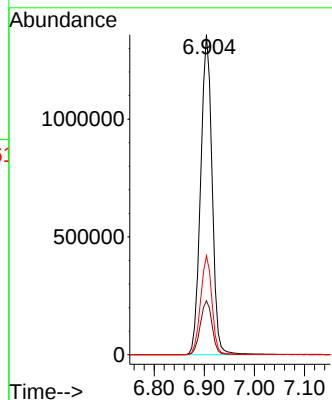
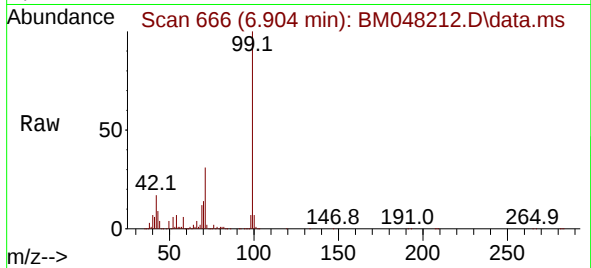




#7
Phenol-d6
Concen: 137.876 ng
RT: 6.904 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM048212.D
Acq: 24 Oct 2024 11:50

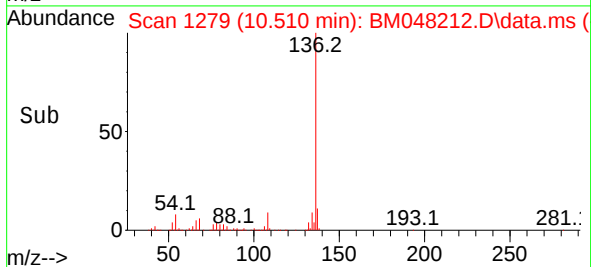
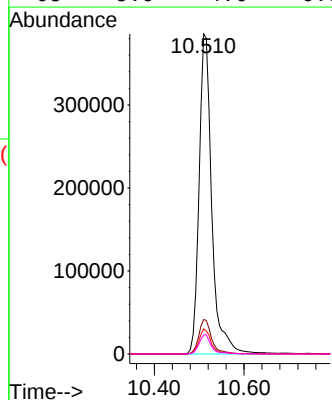
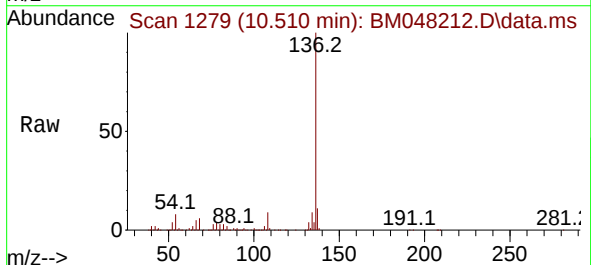
Instrument :
BNA_M
ClientSampleId :
PB164369BL

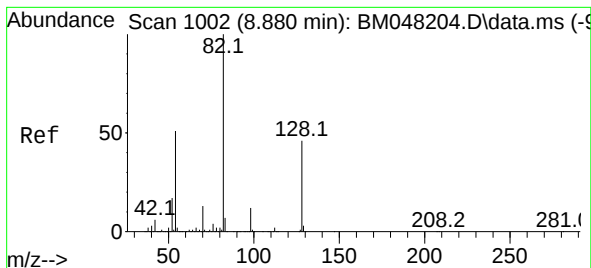
Tgt Ion: 99 Resp: 2155715
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.8
71 30.9 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM048212.D
Acq: 24 Oct 2024 11:50

Tgt Ion:136 Resp: 755271
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.8 6.5 9.7
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.137 ng

RT: 8.881 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BM048212.D

Acq: 24 Oct 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB164369BL

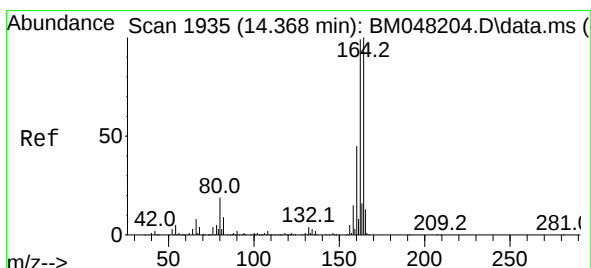
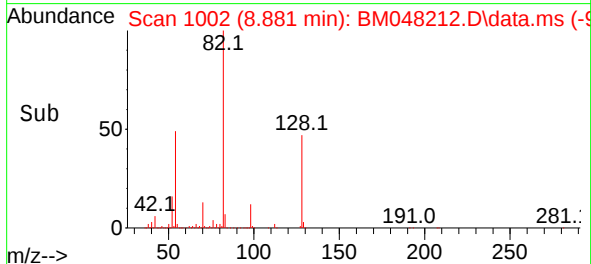
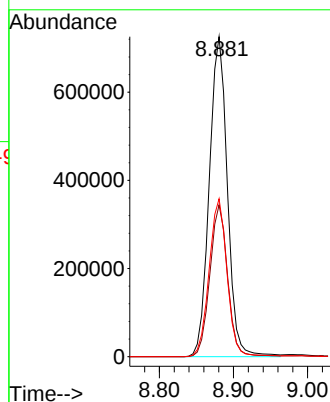
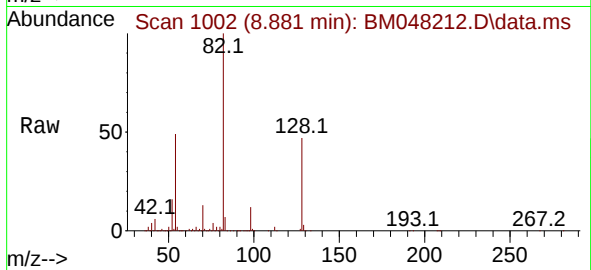
Tgt Ion: 82 Resp: 1232464

Ion Ratio Lower Upper

82 100

128 47.4 36.6 54.8

54 49.4 41.0 61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.368 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BM048212.D

Acq: 24 Oct 2024 11:50

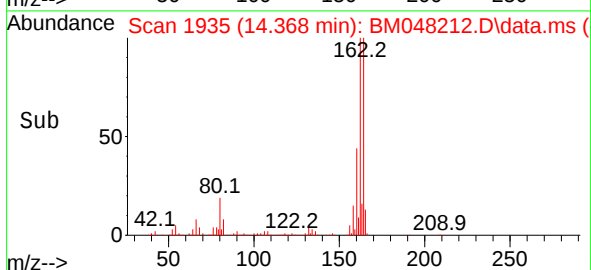
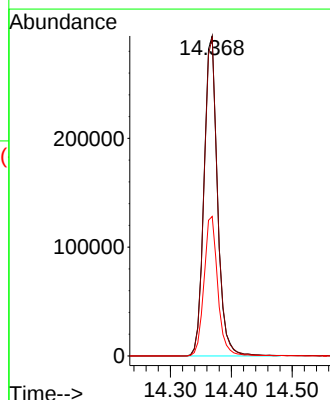
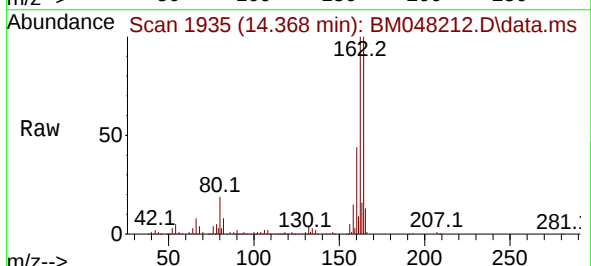
Tgt Ion:164 Resp: 451085

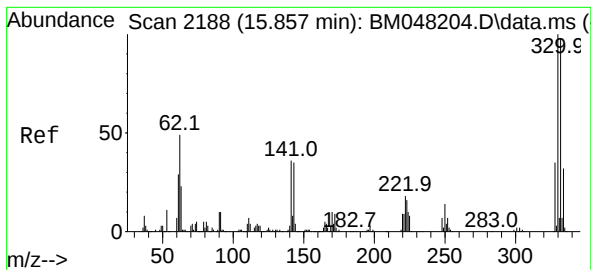
Ion Ratio Lower Upper

164 100

162 99.5 79.1 118.7

160 43.6 35.8 53.8

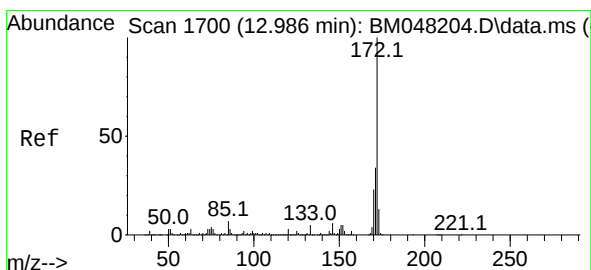
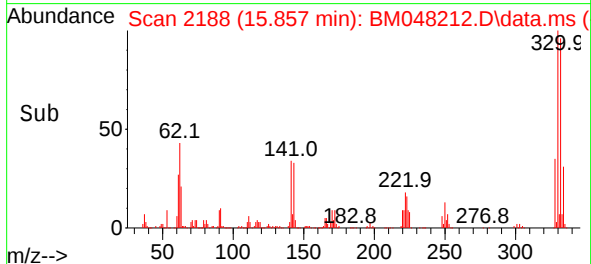
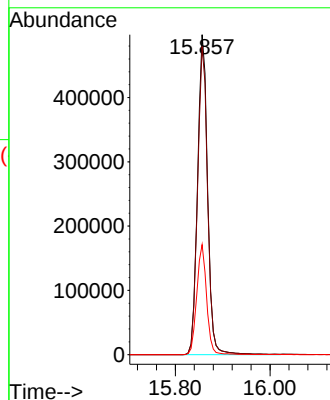
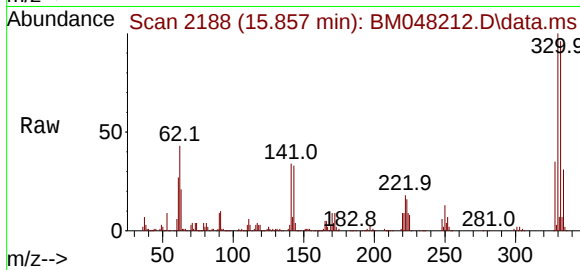




#42
 2,4,6-Tribromophenol
 Concen: 132.716 ng
 RT: 15.857 min Scan# 2188
 Delta R.T. 0.000 min
 Lab File: BM048212.D
 Acq: 24 Oct 2024 11:50

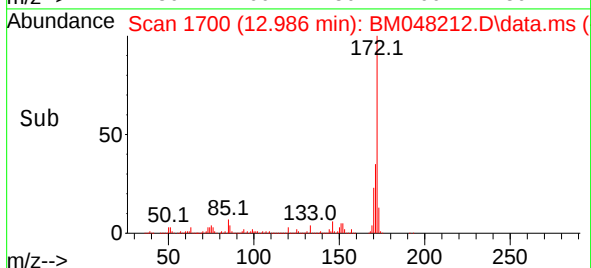
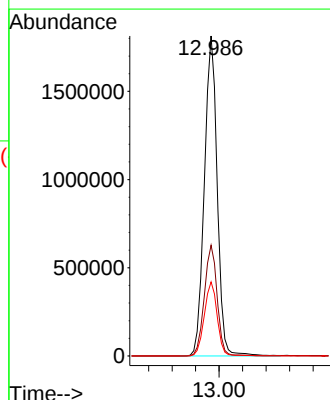
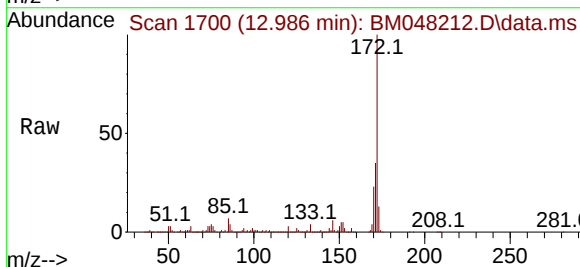
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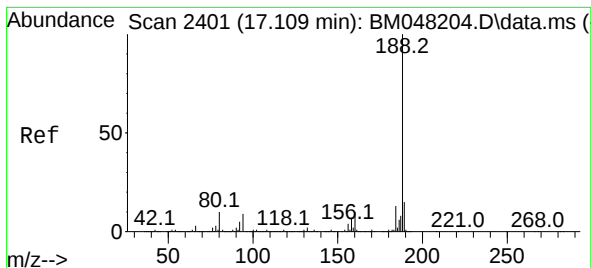
Tgt Ion:330 Resp: 732767
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.5 116.3
 141 33.7 27.5 41.3



#45
 2-Fluorobiphenyl
 Concen: 93.827 ng
 RT: 12.986 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: BM048212.D
 Acq: 24 Oct 2024 11:50

Tgt Ion:172 Resp: 2758153
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.4 41.0
 170 23.2 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.109 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BM048212.D

Acq: 24 Oct 2024 11:50

Instrument :

BNA_M

ClientSampleId :

PB164369BL

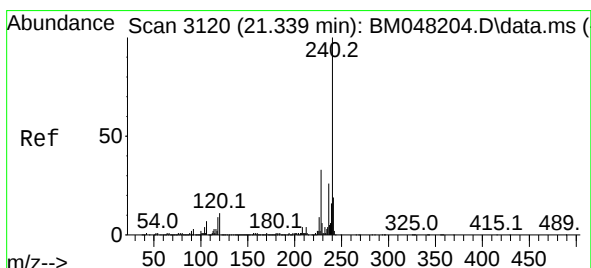
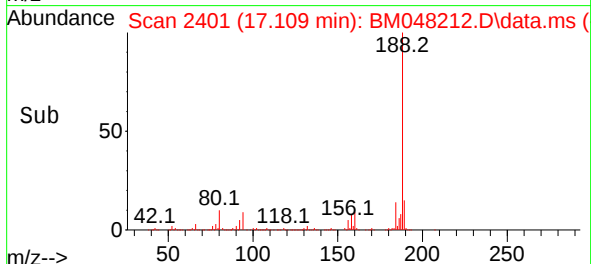
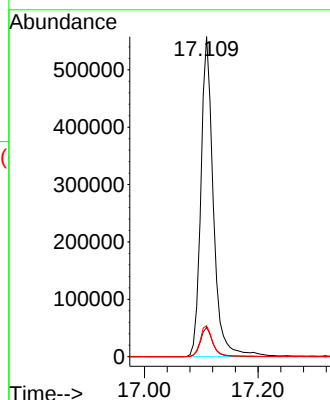
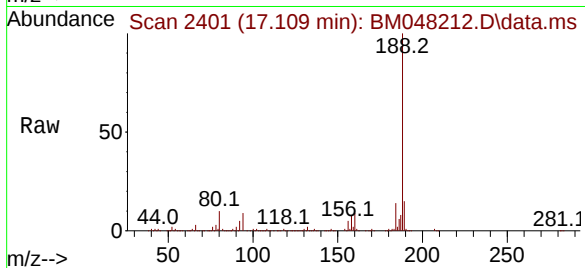
Tgt Ion:188 Resp: 855662

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM048212.D

Acq: 24 Oct 2024 11:50

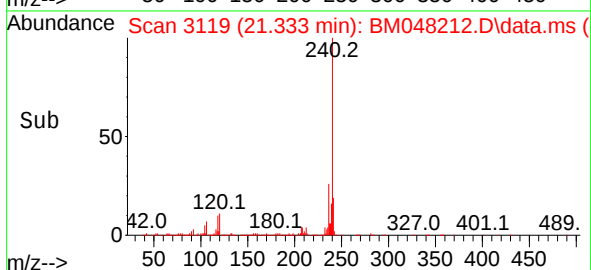
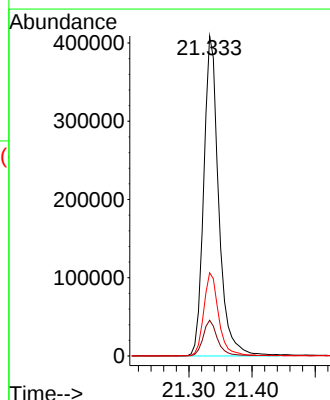
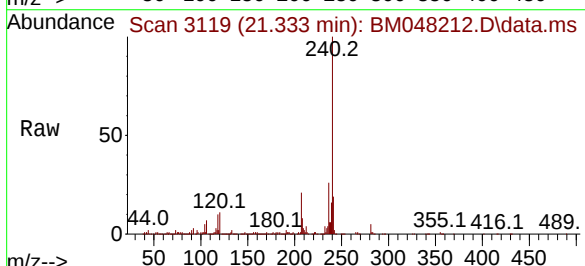
Tgt Ion:240 Resp: 674681

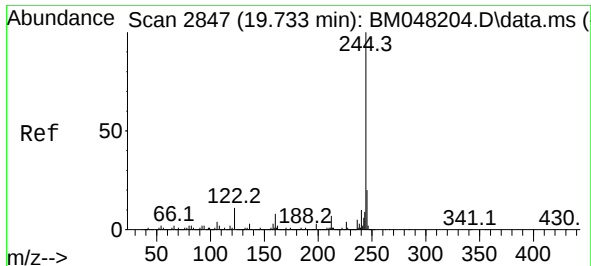
Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

236 26.0 20.7 31.1

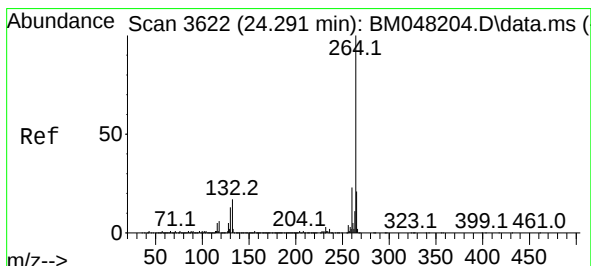
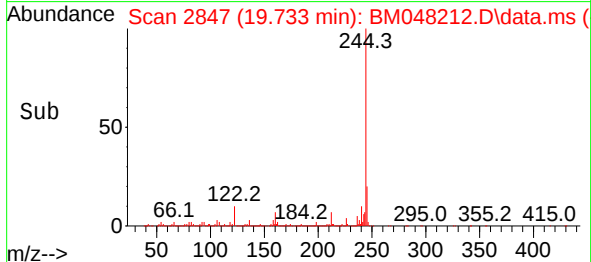
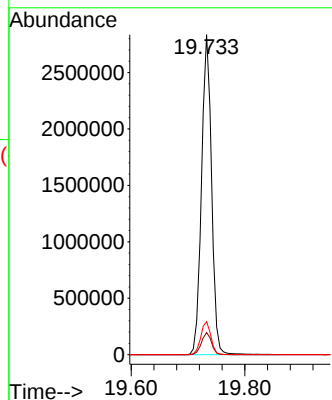
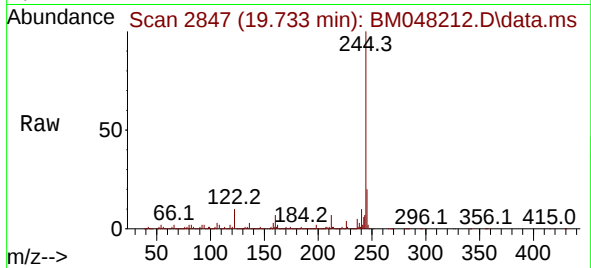




#79
 Terphenyl-d14
 Concen: 105.488 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048212.D
 Acq: 24 Oct 2024 11:50

Instrument :
 BNA_M
 ClientSampleId :
 PB164369BL

Tgt Ion:244 Resp: 3487510
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.291 min Scan# 3622
 Delta R.T. 0.000 min
 Lab File: BM048212.D
 Acq: 24 Oct 2024 11:50

Tgt Ion:264 Resp: 711330
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 22.1 17.4 26.2

