

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047402.D
 Acq On : 30 Aug 2024 12:07
 Operator : RC/JU
 Sample : PB163081BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163081BL

Quant Time: Aug 30 12:41:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

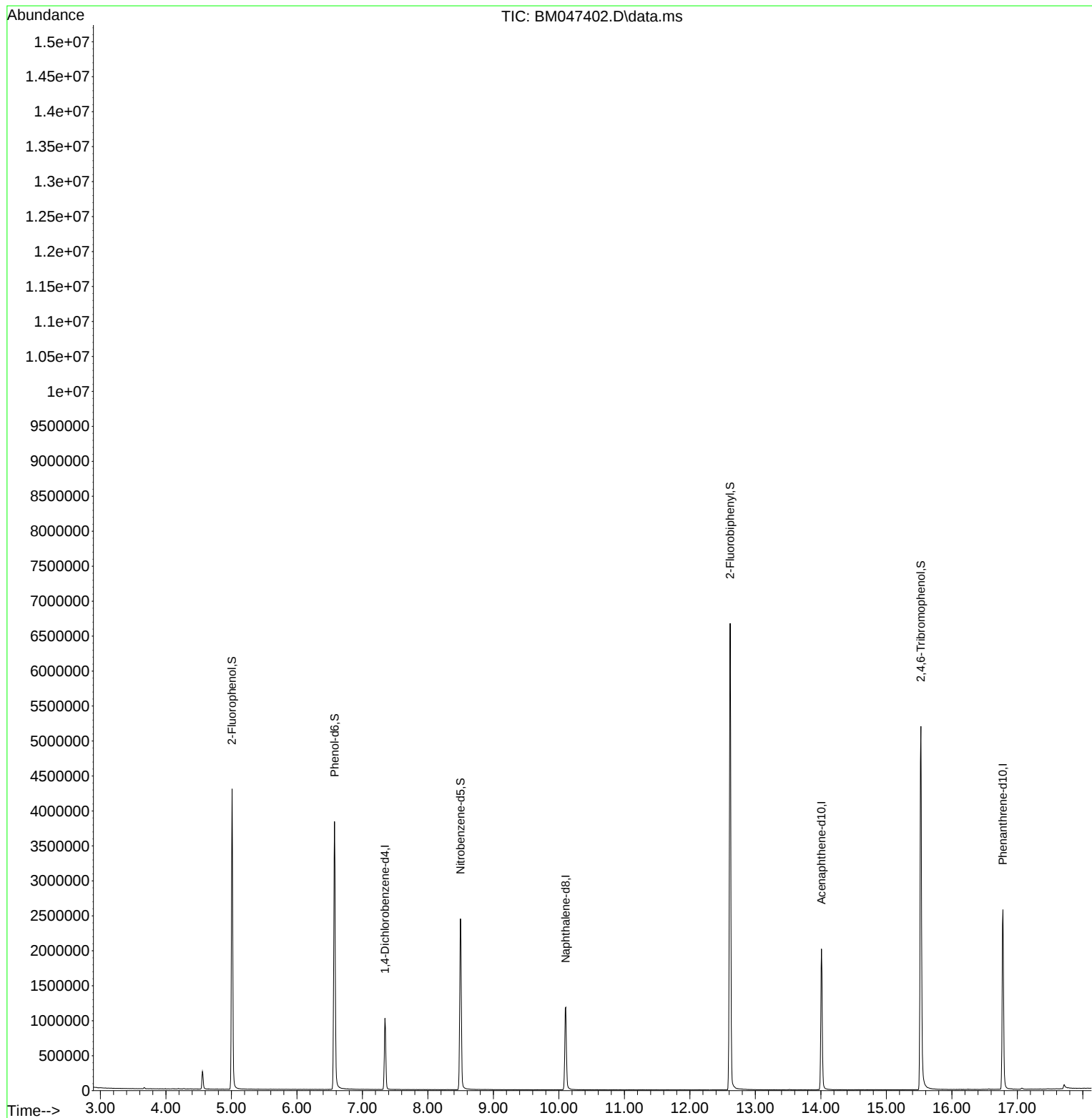
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	290967	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1080873	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	780071	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1736593	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1648141	20.000	ng	0.00
86) Perylene-d12	23.732	264	1723679	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1850832	122.039	ng	0.00
7) Phenol-d6	6.575	99	2368568	114.645	ng	0.00
23) Nitrobenzene-d5	8.498	82	1527660	78.421	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1157794	123.020	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3817980	75.202	ng	0.00
79) Terphenyl-d14	19.445	244	6564617	70.896	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	195	Below Cal	Qvalue #	3

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

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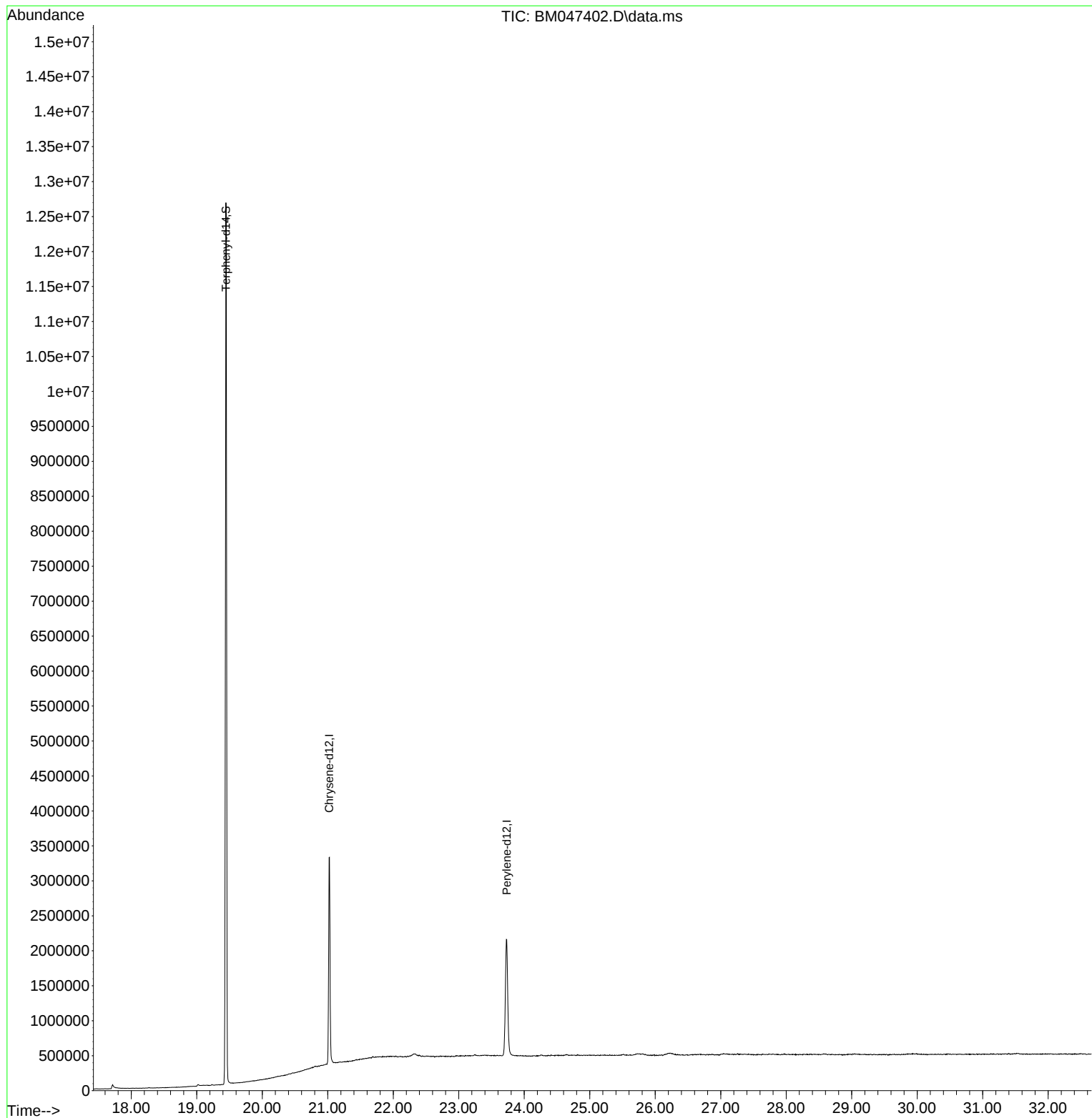
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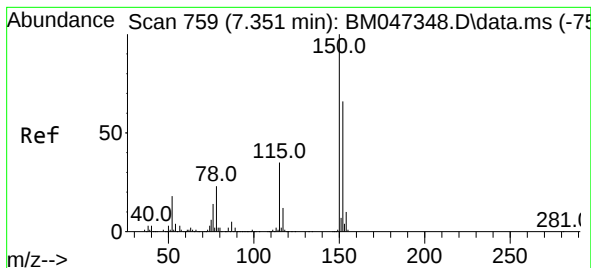


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BM047402.D

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Instrument :

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ClientSampleId :

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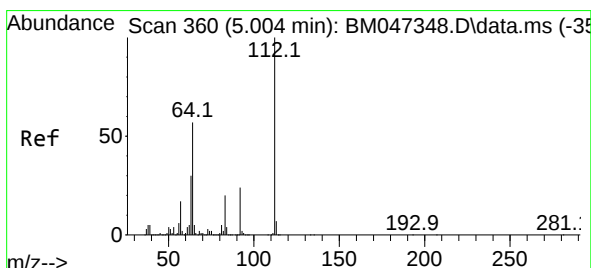
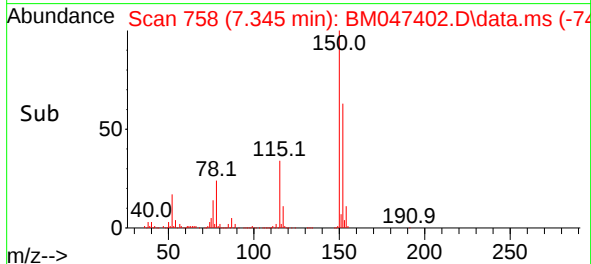
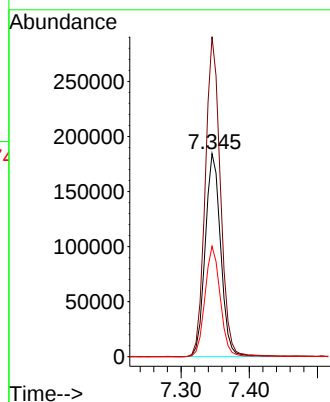
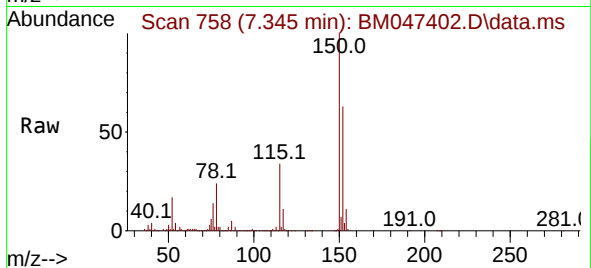
Tgt Ion:152 Resp: 290967

Ion Ratio Lower Upper

152 100

150 157.6 121.3 181.9

115 54.4 42.6 64.0



#5

2-Fluorophenol

Concen: 122.039 ng

RT: 5.010 min Scan# 361

Delta R.T. 0.006 min

Lab File: BM047402.D

Acq: 30 Aug 2024 12:07

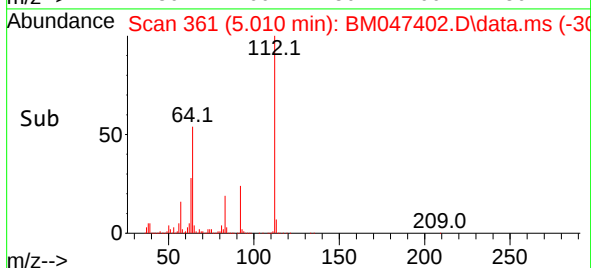
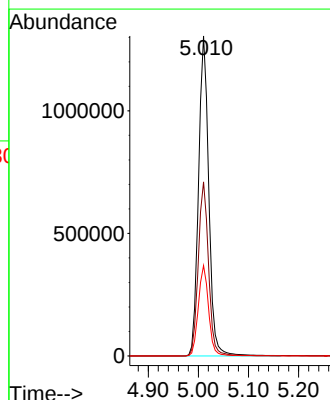
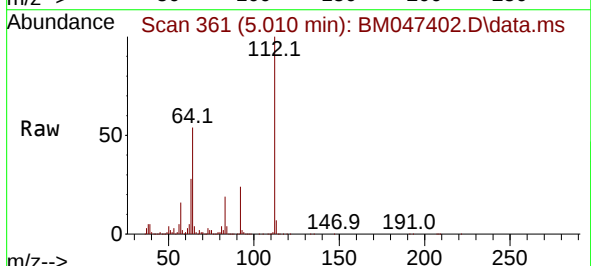
Tgt Ion:112 Resp: 1850832

Ion Ratio Lower Upper

112 100

64 54.4 45.7 68.5

63 28.2 23.8 35.8

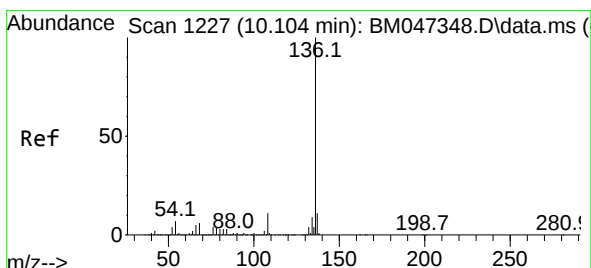
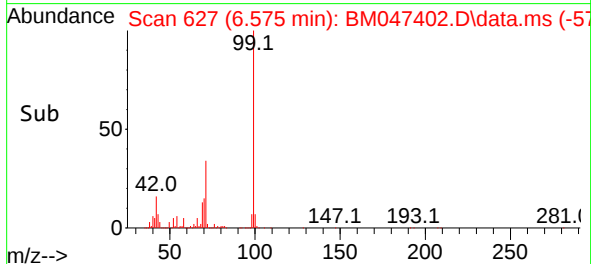
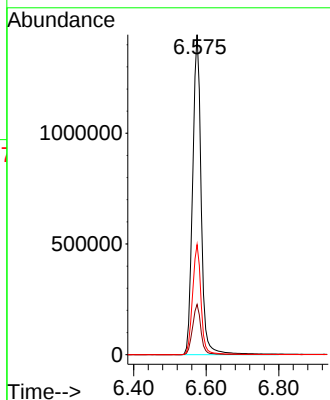
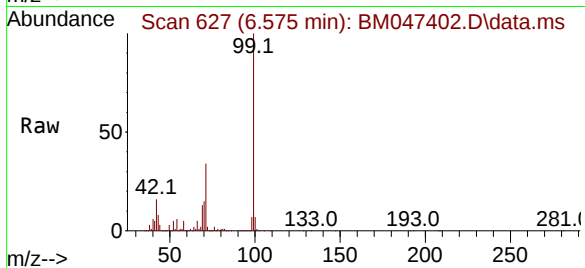




#7
Phenol-d6
Concen: 114.645 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

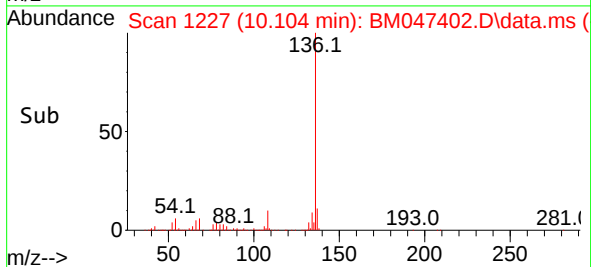
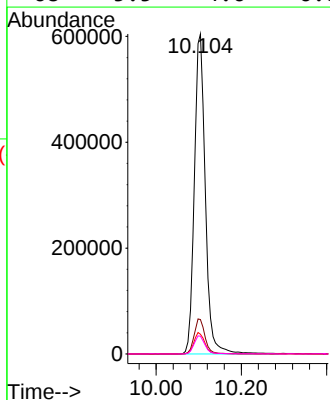
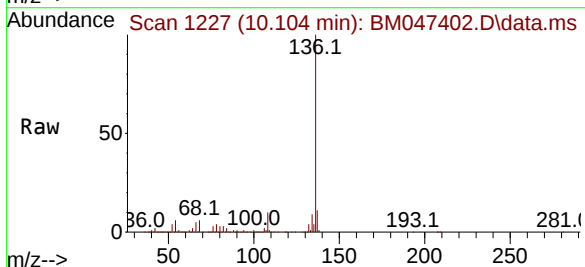
Instrument :
BNA_M
ClientSampleId :
PB163081BL

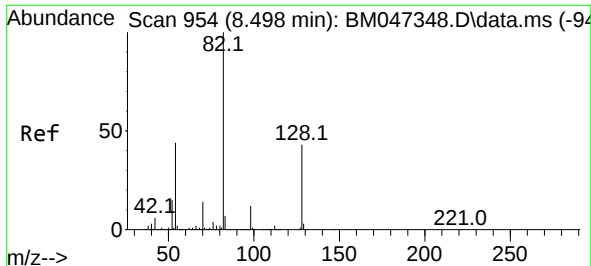
Tgt Ion: 99 Resp: 2368568
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 34.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion: 136 Resp: 1080873
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.1 5.2 7.8
68 5.5 4.6 6.8

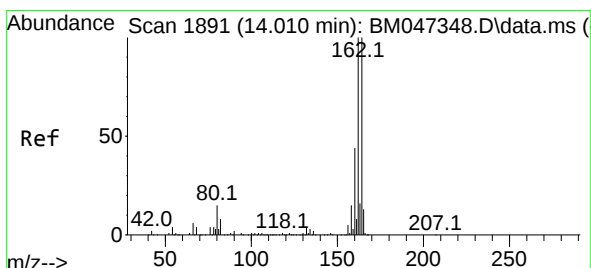
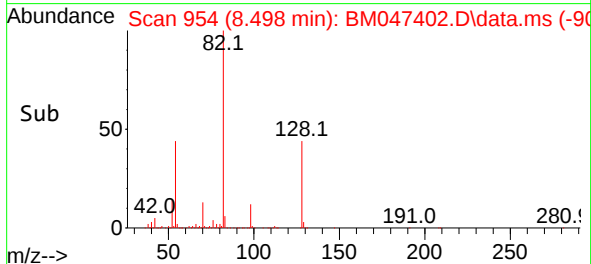
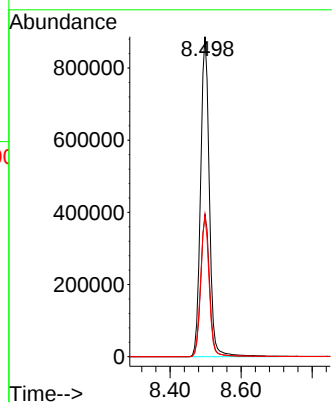
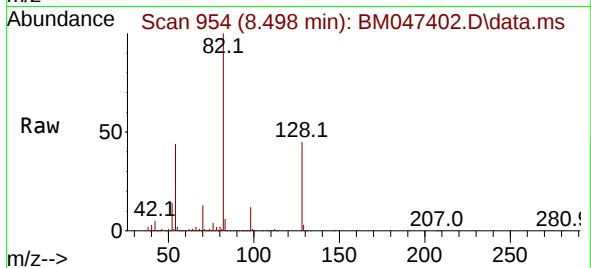




#23
Nitrobenzene-d5
Concen: 78.421 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

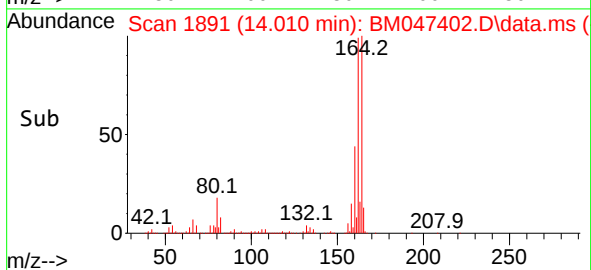
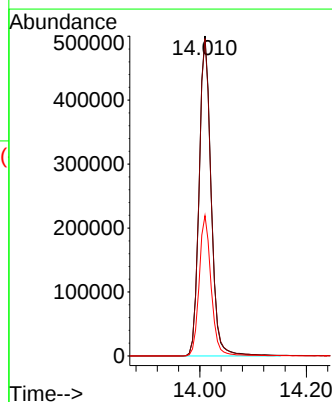
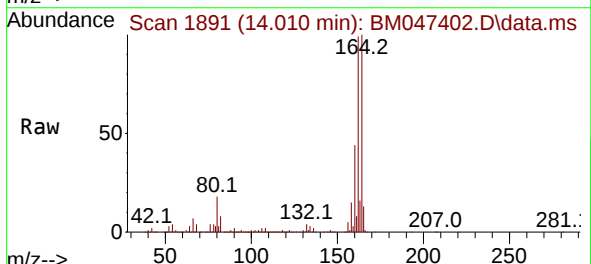
Instrument :
BNA_M
ClientSampleId :
PB163081BL

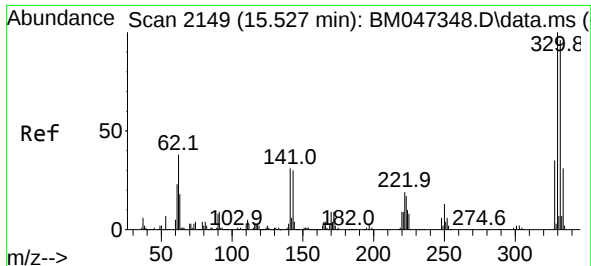
Tgt Ion: 82 Resp: 1527660
Ion Ratio Lower Upper
82 100
128 44.5 34.6 51.8
54 43.9 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:164 Resp: 780071
Ion Ratio Lower Upper
164 100
162 99.2 79.7 119.5
160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 123.020 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047402.D

Acq: 30 Aug 2024 12:07

Instrument :

BNA_M

ClientSampleId :

PB163081BL

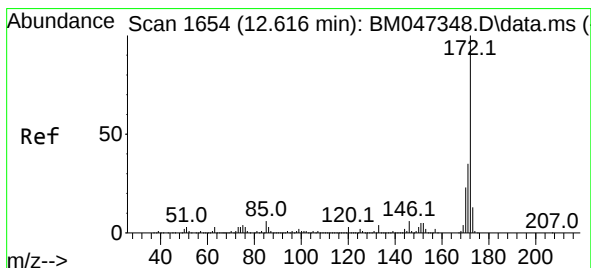
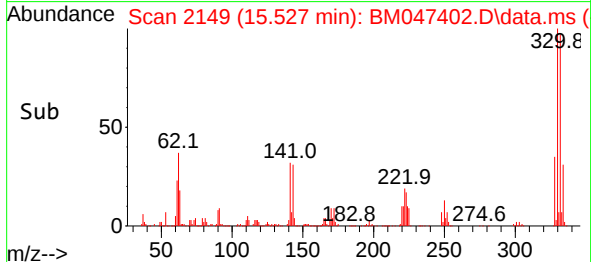
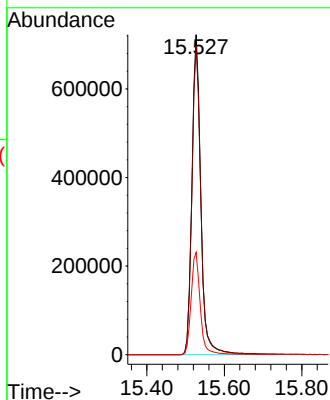
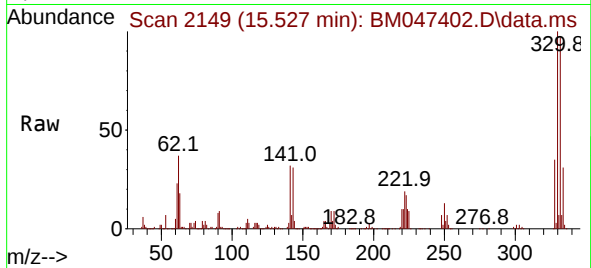
Tgt Ion:330 Resp: 1157794

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 32.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 75.202 ng

RT: 12.616 min Scan# 1654

Delta R.T. -0.000 min

Lab File: BM047402.D

Acq: 30 Aug 2024 12:07

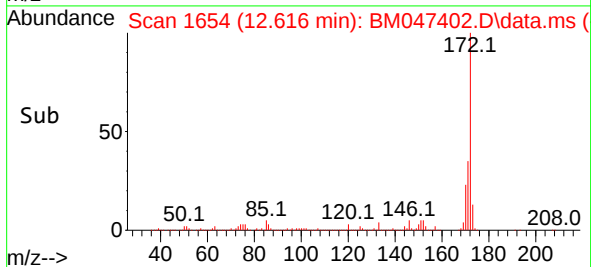
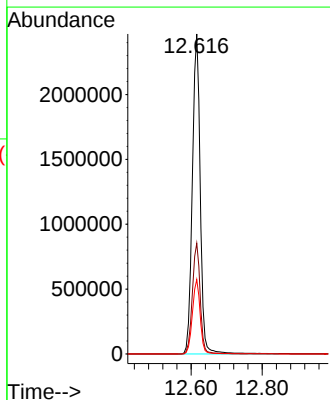
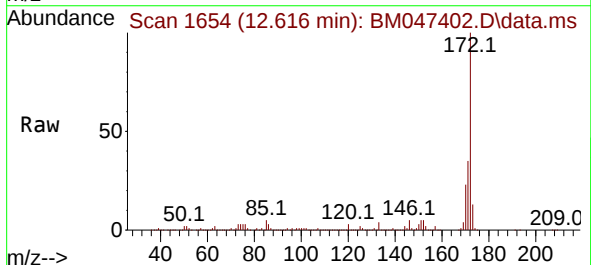
Tgt Ion:172 Resp: 3817980

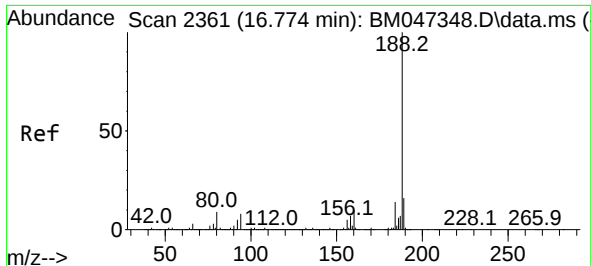
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.3 18.5 27.7

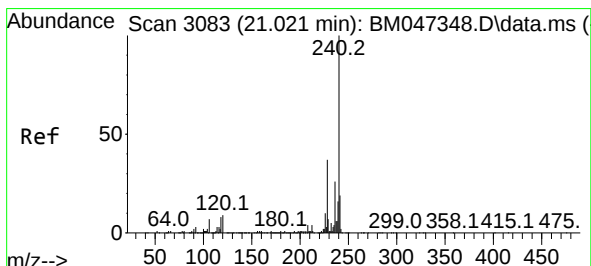
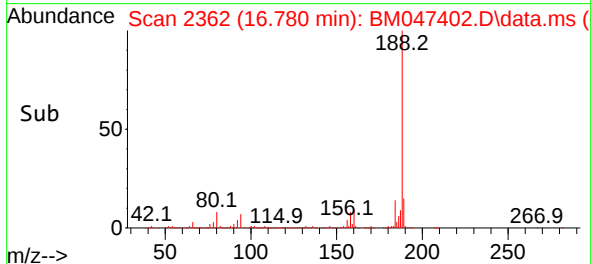
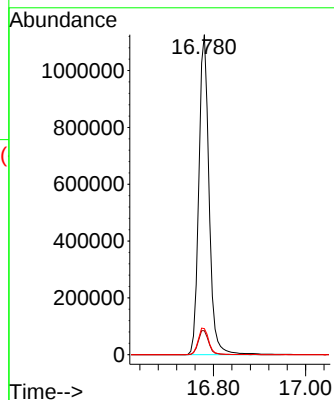
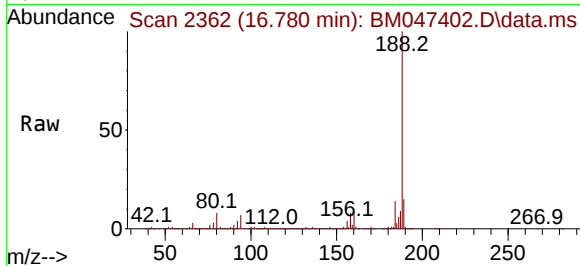




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

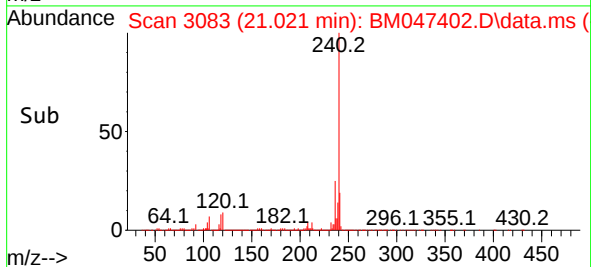
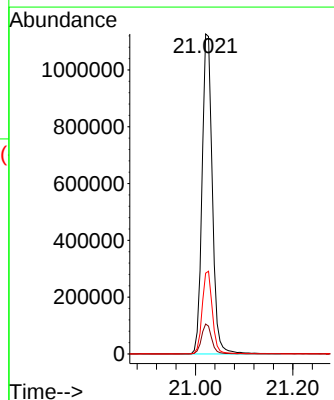
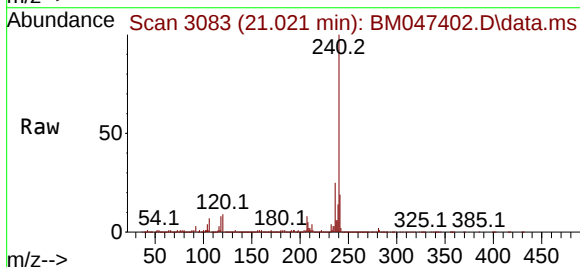
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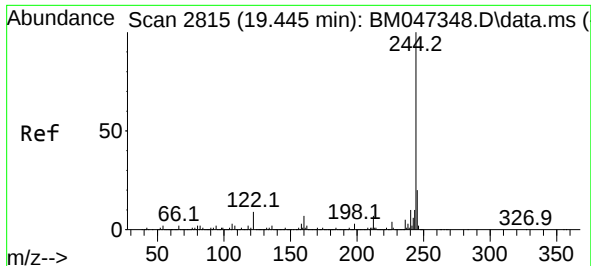
Tgt Ion:188 Resp: 1736593
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:240 Resp: 1648141
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.2 20.8 31.2

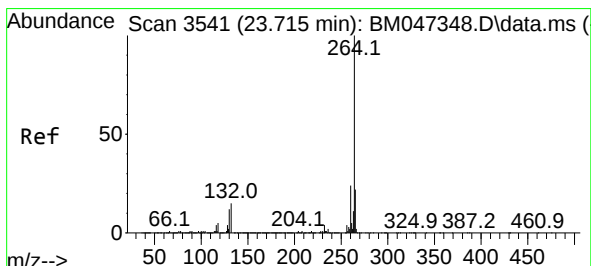
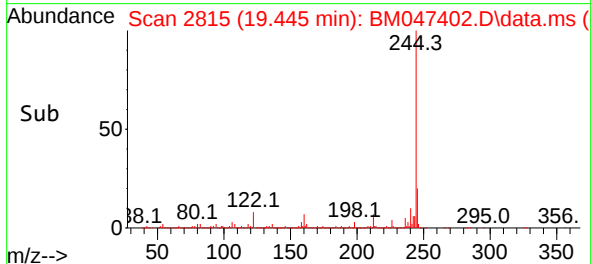
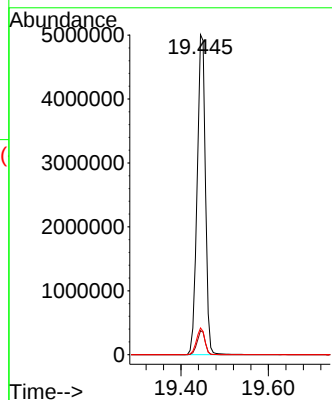
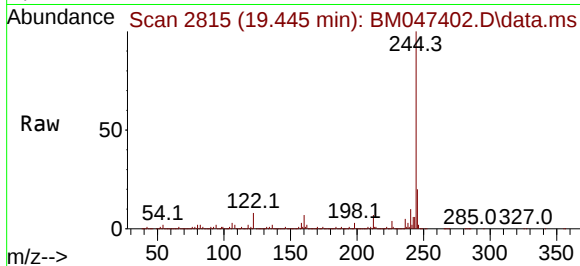




#79
 Terphenyl-d14
 Concen: 70.896 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047402.D
 Acq: 30 Aug 2024 12:07

Instrument :
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 ClientSampleId :
 PB163081BL

Tgt Ion:244 Resp: 6564617
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.732 min Scan# 3544
 Delta R.T. 0.018 min
 Lab File: BM047402.D
 Acq: 30 Aug 2024 12:07

Tgt Ion:264 Resp: 1723679
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.4 17.8 26.6

