

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047246.D
 Acq On : 19 Aug 2024 10:22
 Operator : RC/JU
 Sample : PB162722BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162722BL

Quant Time: Aug 19 11:21:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

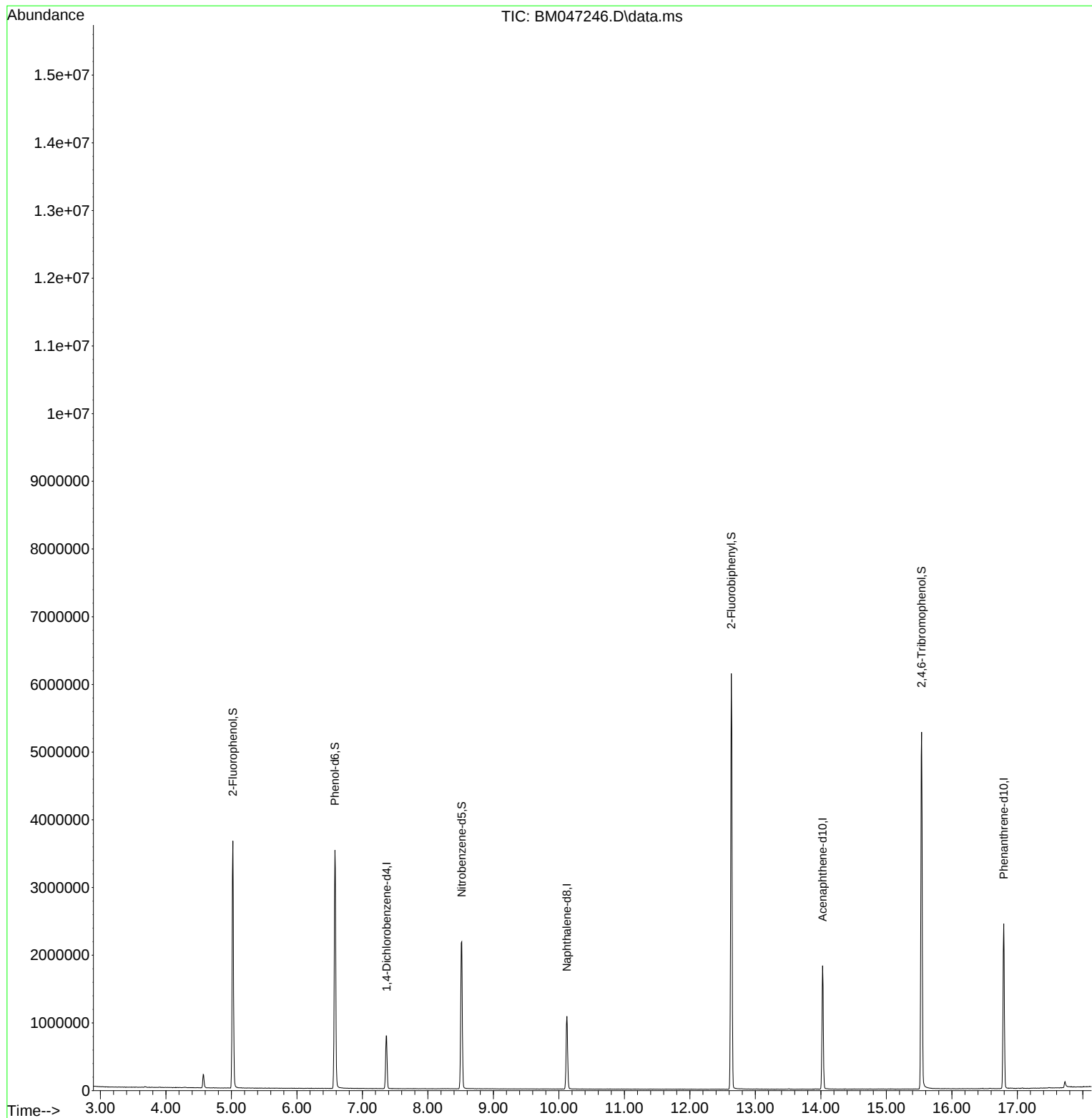
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	224571	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	887832	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	633258	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1463620	20.000	ng	0.00
76) Chrysene-d12	21.033	240	1426650	20.000	ng	0.00
86) Perylene-d12	23.738	264	1586344	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1531031	121.819	ng	0.00
7) Phenol-d6	6.581	99	2026033	116.992	ng	0.00
23) Nitrobenzene-d5	8.516	82	1318724	74.791	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	1033697	140.778	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	3240050	78.923	ng	-0.01
79) Terphenyl-d14	19.462	244	6191412	92.992	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	231	Below Cal	Qvalue #	20

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

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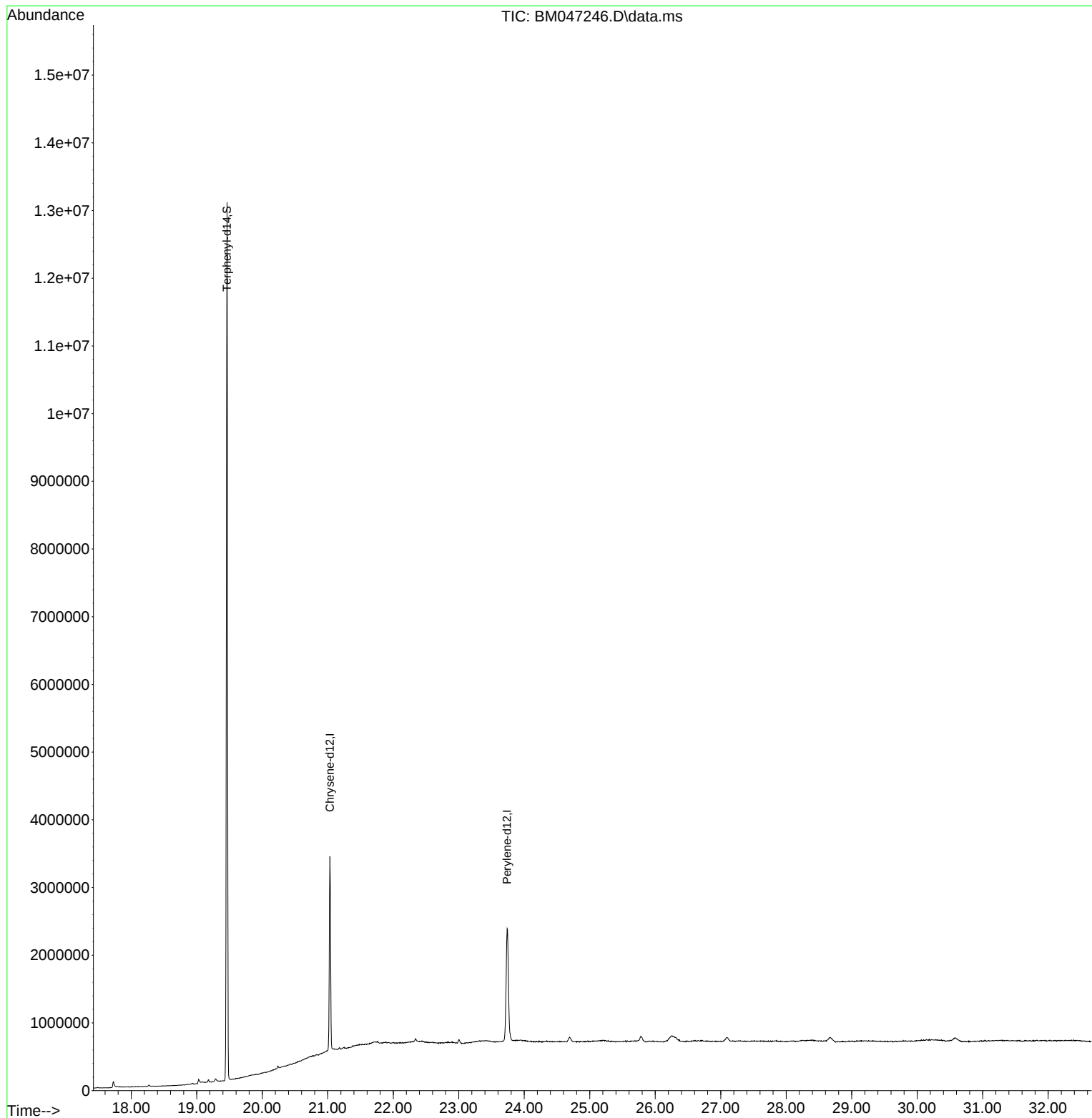
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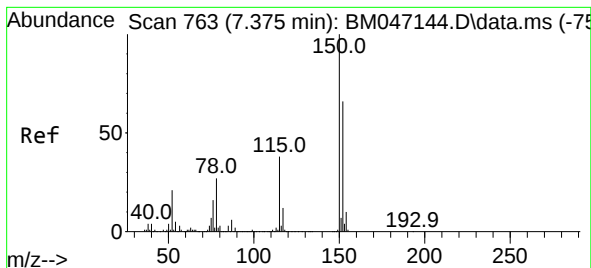


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.369 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM047246.D

Acq: 19 Aug 2024 10:22

Instrument :

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ClientSampleId :

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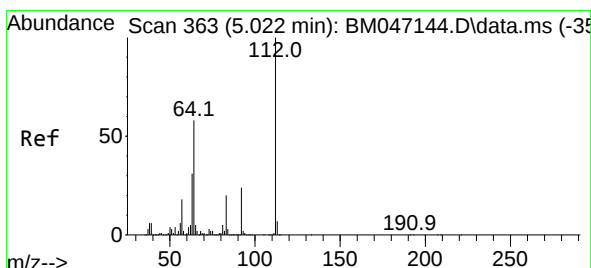
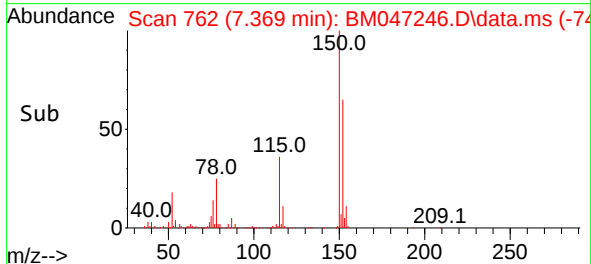
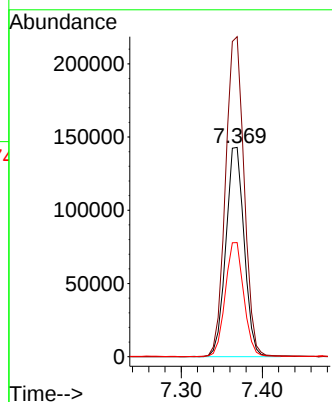
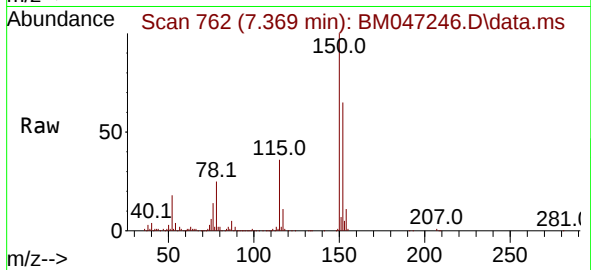
Tgt Ion:152 Resp: 224571

Ion Ratio Lower Upper

152 100

150 152.9 120.5 180.7

115 54.5 45.5 68.3



#5

2-Fluorophenol

Concen: 121.819 ng

RT: 5.022 min Scan# 363

Delta R.T. -0.000 min

Lab File: BM047246.D

Acq: 19 Aug 2024 10:22

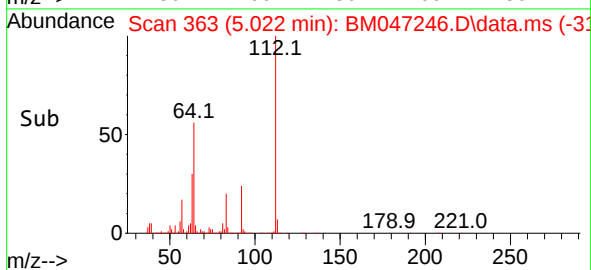
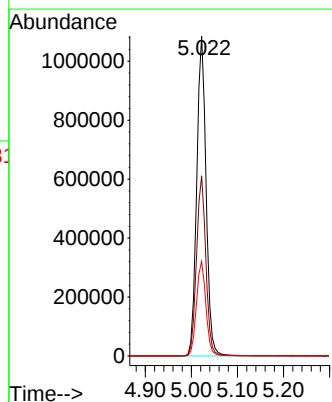
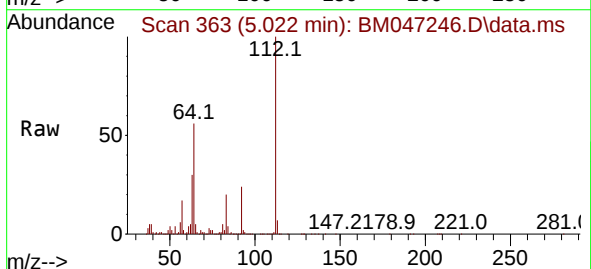
Tgt Ion:112 Resp: 1531031

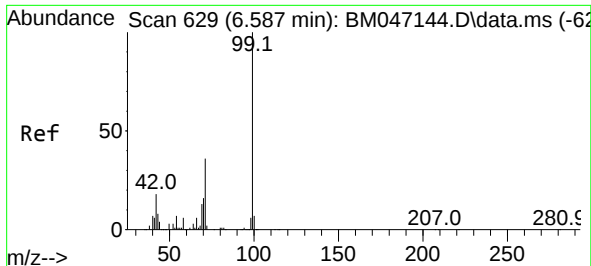
Ion Ratio Lower Upper

112 100

64 56.3 46.7 70.1

63 29.6 24.8 37.2

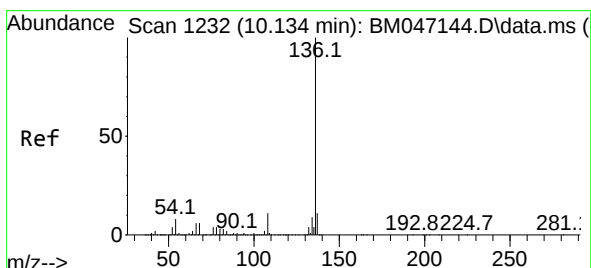
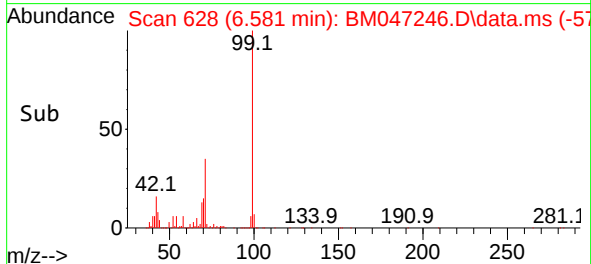
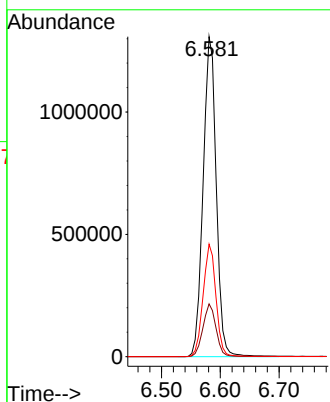
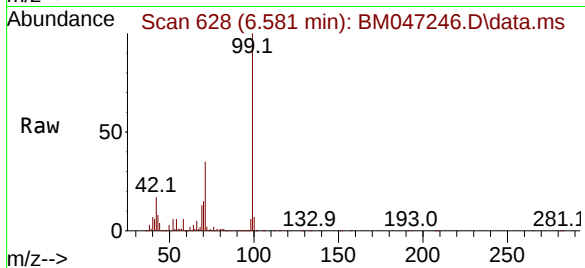




#7
Phenol-d6
Concen: 116.992 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047246.D
Acq: 19 Aug 2024 10:22

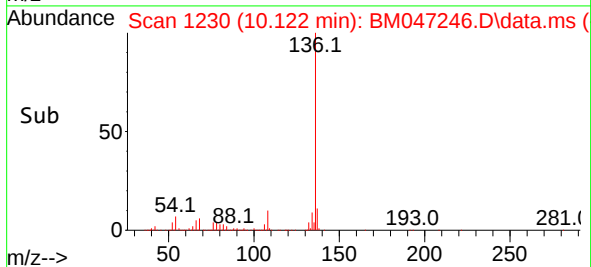
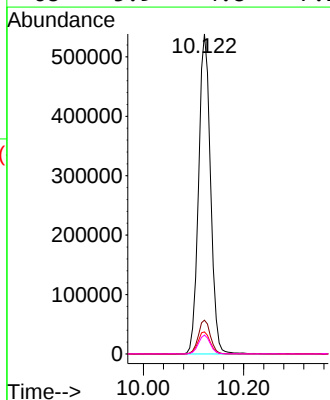
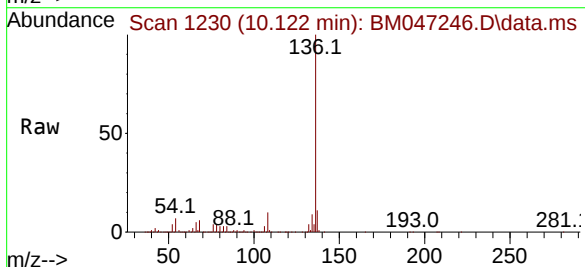
Instrument :
BNA_M
ClientSampleId :
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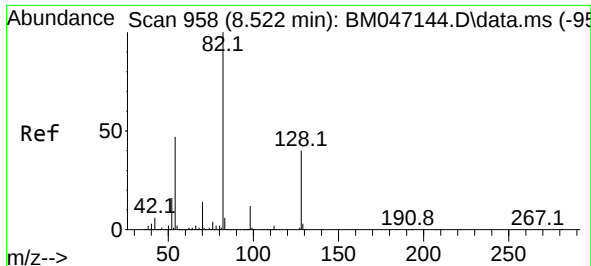
Tgt Ion: 99 Resp: 2026033
Ion Ratio Lower Upper
99 100
42 16.5 14.1 21.1
71 35.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047246.D
Acq: 19 Aug 2024 10:22

Tgt Ion: 136 Resp: 887832
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.9 6.0 9.0
68 5.9 4.8 7.2

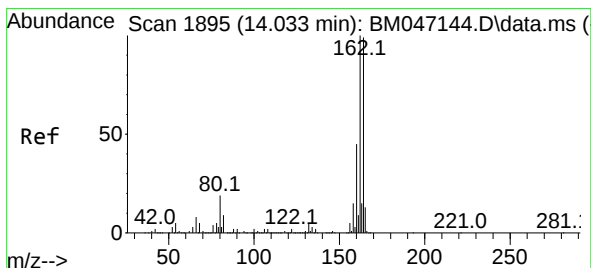
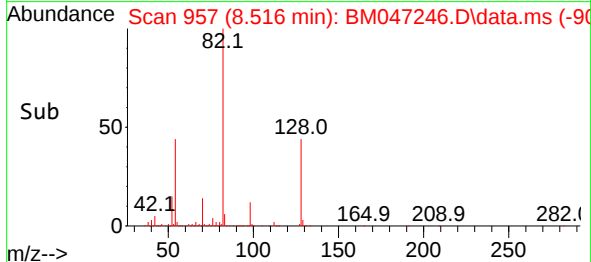
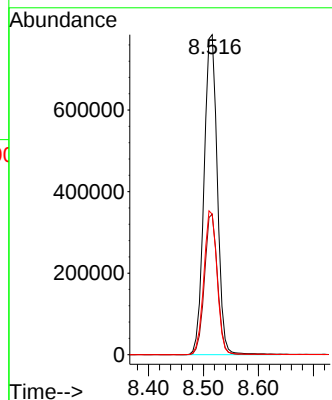
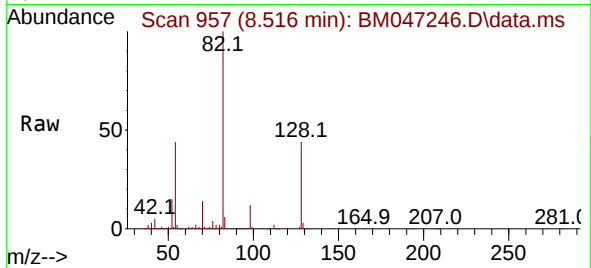




#23
 Nitrobenzene-d5
 Concen: 74.791 ng
 RT: 8.516 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM047246.D
 Acq: 19 Aug 2024 10:22

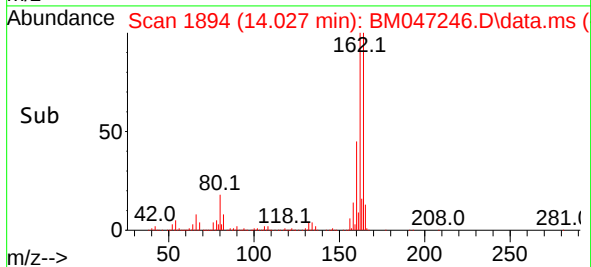
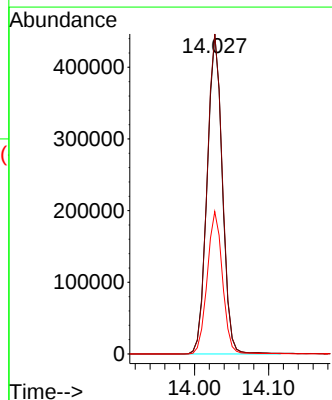
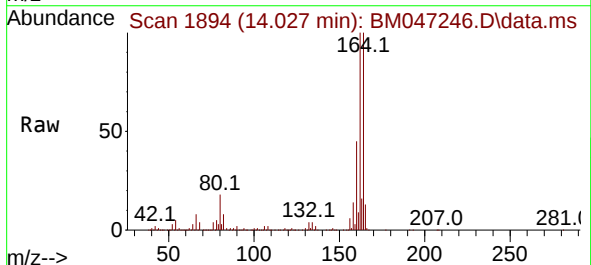
Instrument :
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 ClientSampleId :
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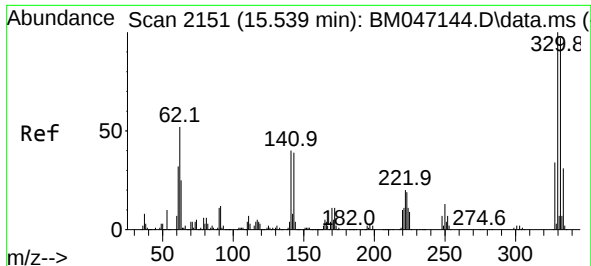
Tgt Ion: 82 Resp: 1318724
 Ion Ratio Lower Upper
 82 100
 128 43.9 32.3 48.5
 54 43.9 37.4 56.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.027 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BM047246.D
 Acq: 19 Aug 2024 10:22

Tgt Ion: 164 Resp: 633258
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.7 121.1
 160 44.5 36.0 54.0

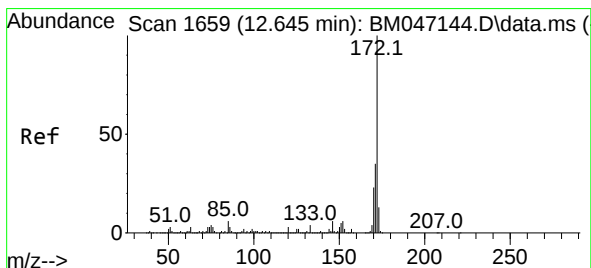
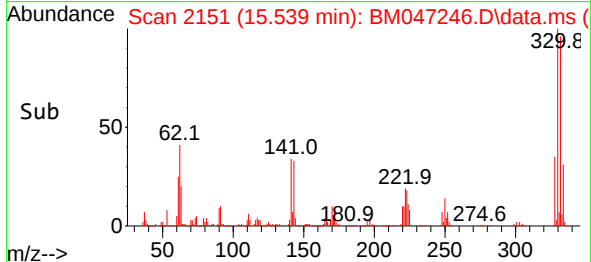
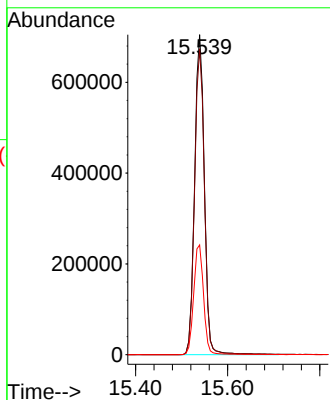
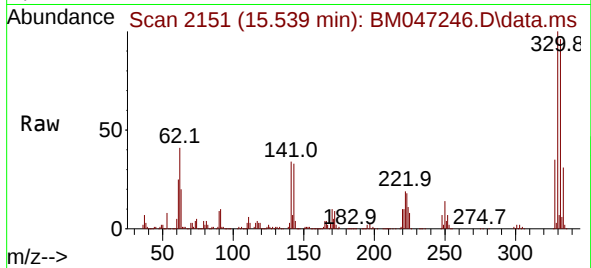




#42
2,4,6-Tribromophenol
Concen: 140.778 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047246.D
Acq: 19 Aug 2024 10:22

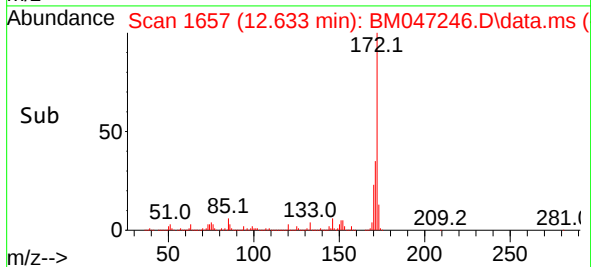
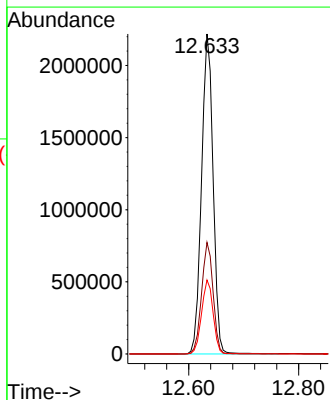
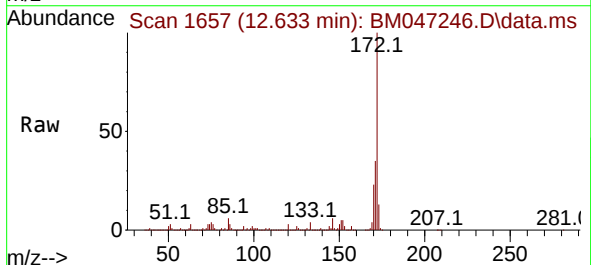
Instrument :
BNA_M
ClientSampleId :
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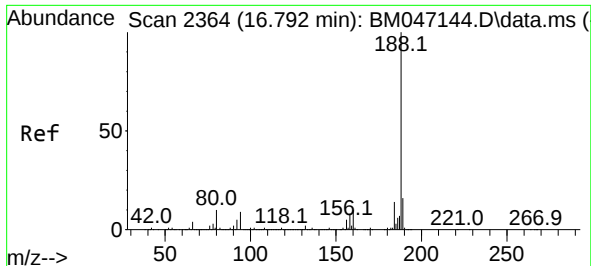
Tgt Ion:330 Resp: 1033697
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 34.7 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 78.923 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047246.D
Acq: 19 Aug 2024 10:22

Tgt Ion:172 Resp: 3240050
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.1 18.7 28.1

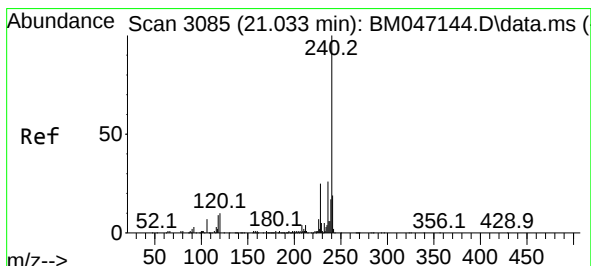
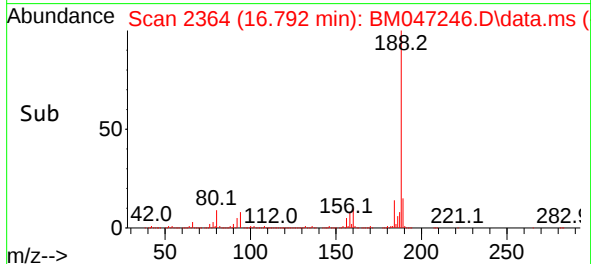
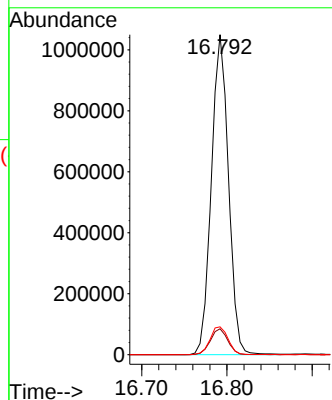
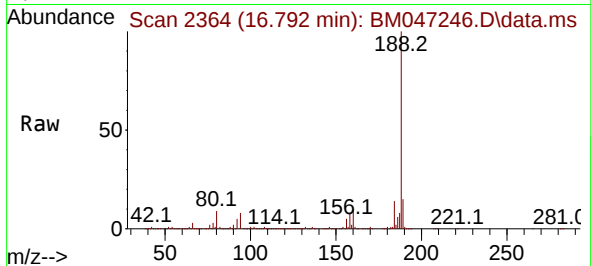




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047246.D
Acq: 19 Aug 2024 10:22

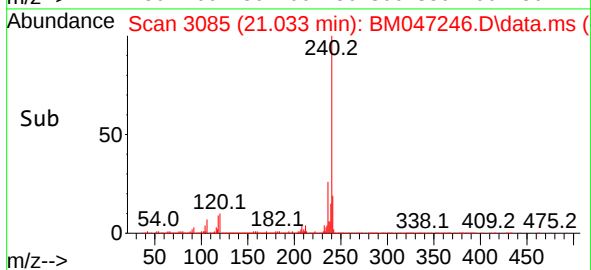
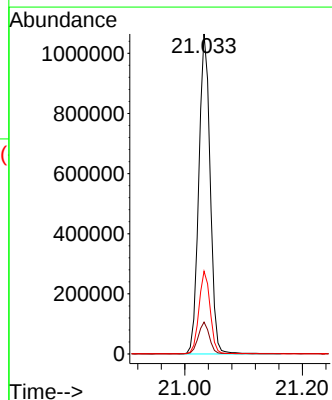
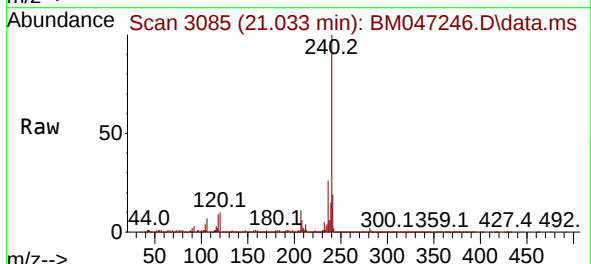
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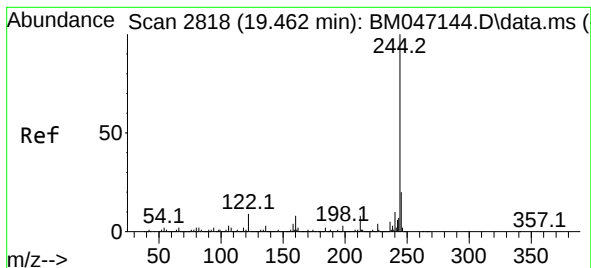
Tgt Ion:188 Resp: 1463620
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM047246.D
Acq: 19 Aug 2024 10:22

Tgt Ion:240 Resp: 1426650
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 92.992 ng

RT: 19.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047246.D

Acq: 19 Aug 2024 10:22

Instrument :

BNA_M

ClientSampleId :

PB162722BL

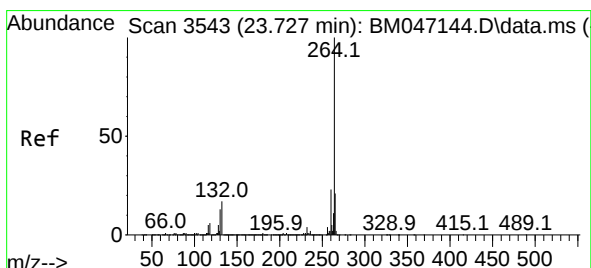
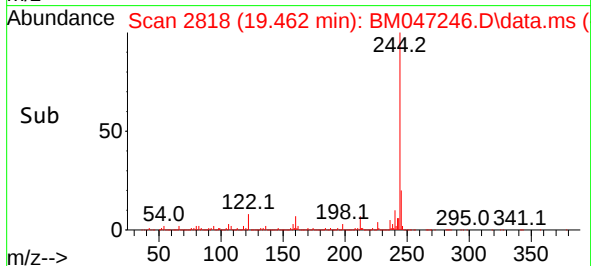
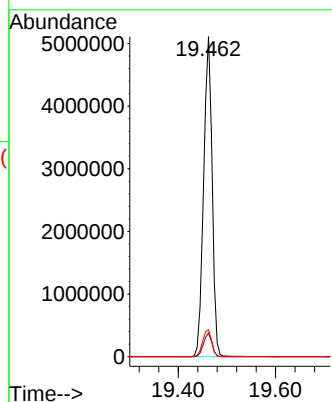
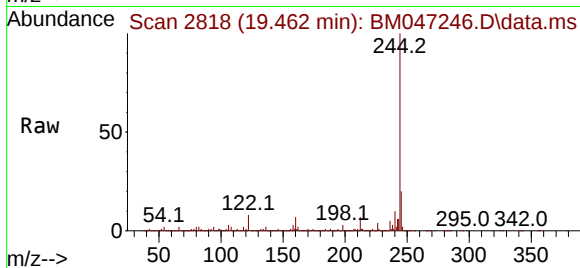
Tgt Ion:244 Resp: 6191412

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 8.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.738 min Scan# 3545

Delta R.T. 0.012 min

Lab File: BM047246.D

Acq: 19 Aug 2024 10:22

Tgt Ion:264 Resp: 1586344

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.1 17.3 25.9

