

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082624\
 Data File : BM047353.D
 Acq On : 26 Aug 2024 19:03
 Operator : RC/JU
 Sample : PB162917BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162917BL

Quant Time: Aug 27 04:29:37 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	7.351	152	266712	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	957975	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	646074	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1332896	20.000	ng	0.00
76) Chrysene-d12	21.015	240	930328	20.000	ng	0.00
86) Perylene-d12	23.715	264	873449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2114704	152.118	ng	0.00
7) Phenol-d6	6.569	99	2704541	142.812	ng	0.00
23) Nitrobenzene-d5	8.498	82	1750820	101.407	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	1172283	150.393	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4151531	98.732	ng	0.00
79) Terphenyl-d14	19.445	244	5503082	105.288	ng	0.00

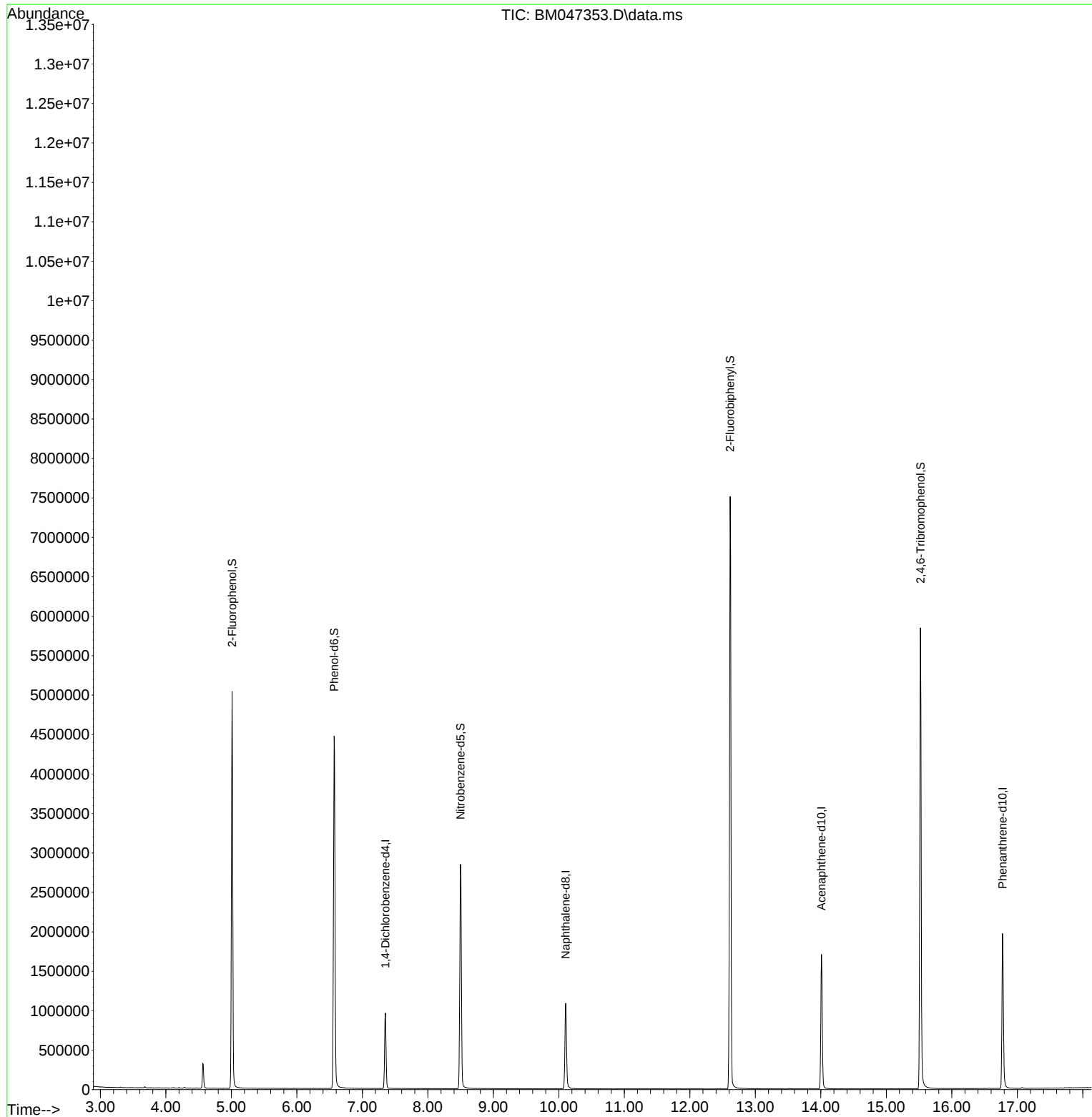
Target Compounds	Qvalue

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

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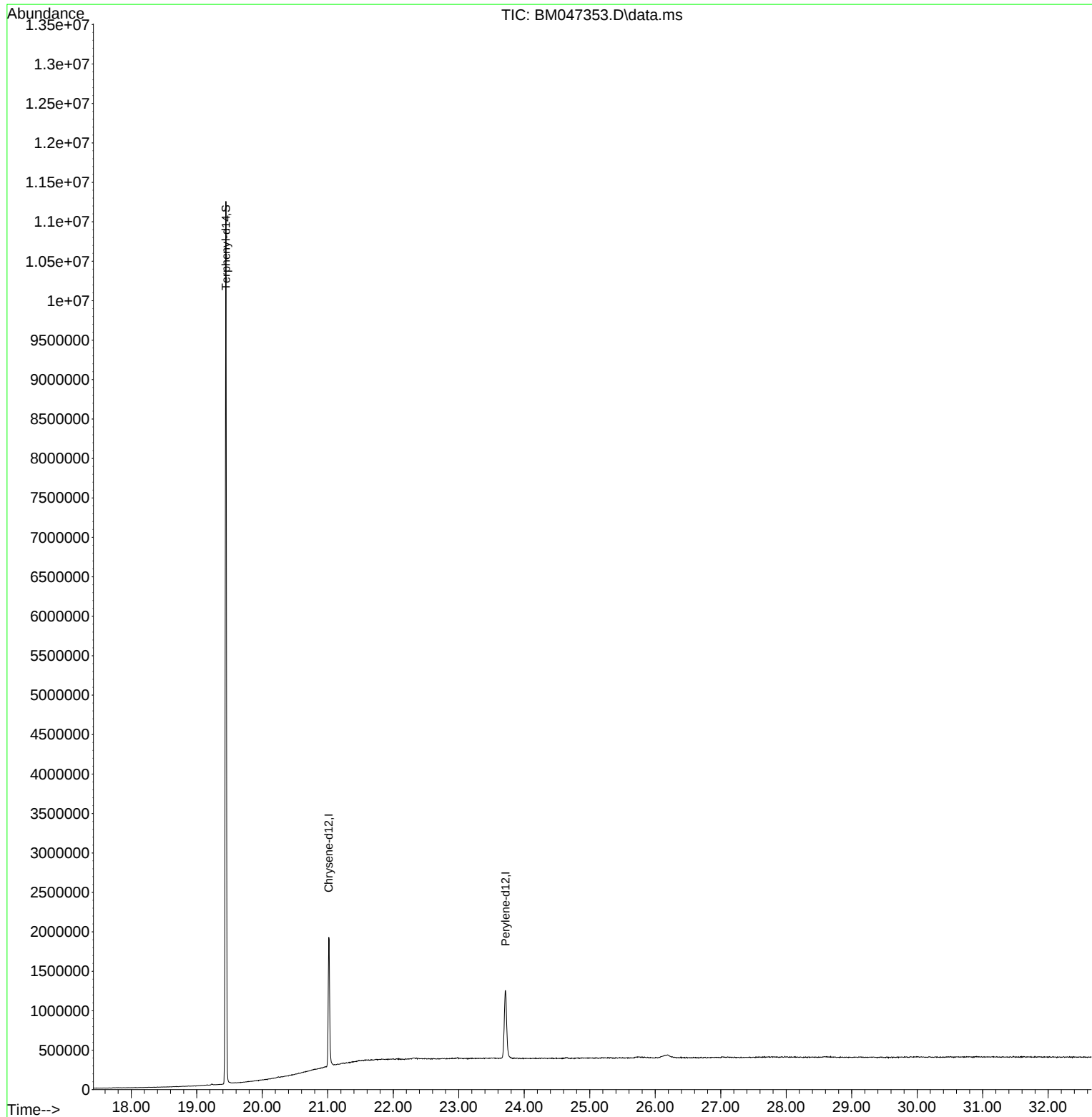
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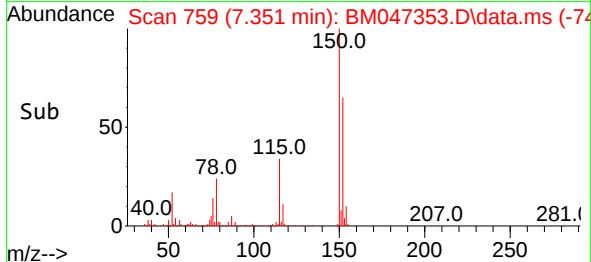
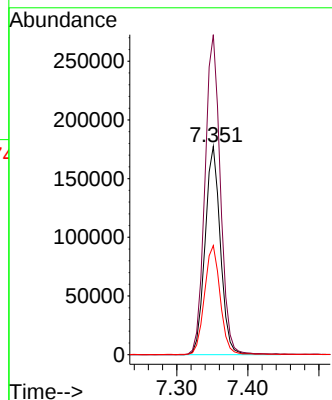
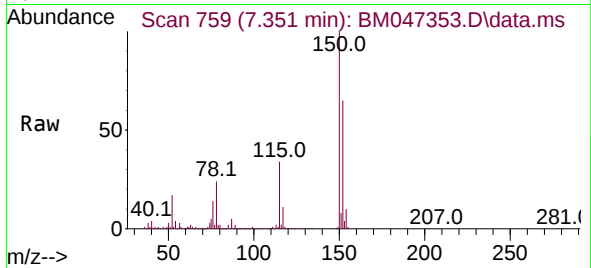




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

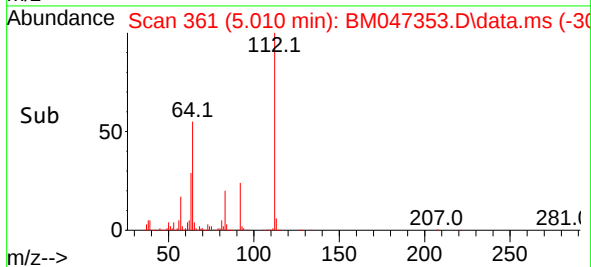
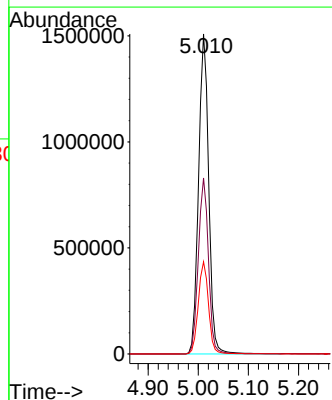
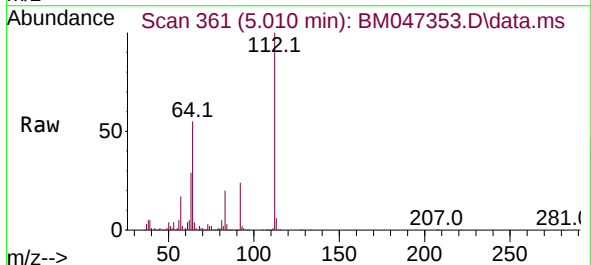
Instrument :
BNA_M
ClientSampleId :
PB162917BL

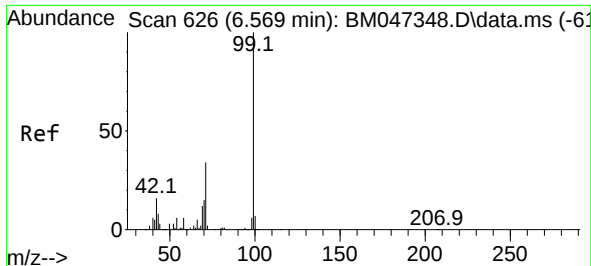
Tgt Ion:152 Resp: 266712
Ion Ratio Lower Upper
152 100
150 153.6 121.3 181.9
115 52.4 42.6 64.0



#5
2-Fluorophenol
Concen: 152.118 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:112 Resp: 2114704
Ion Ratio Lower Upper
112 100
64 55.0 45.7 68.5
63 28.8 23.8 35.8

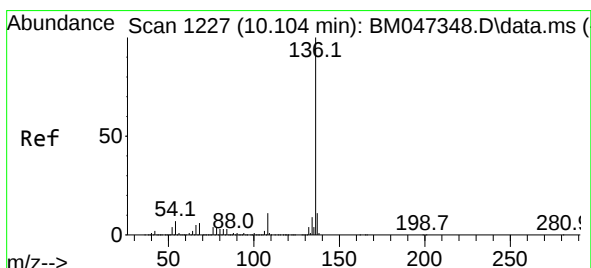
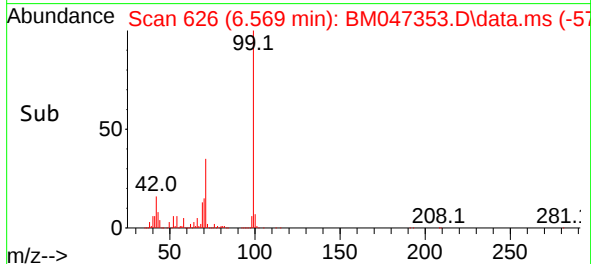
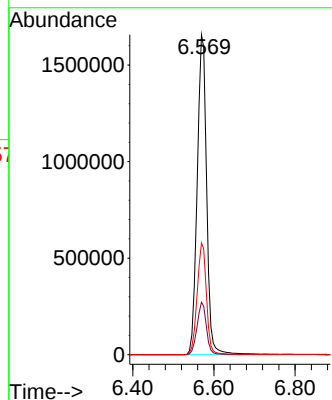
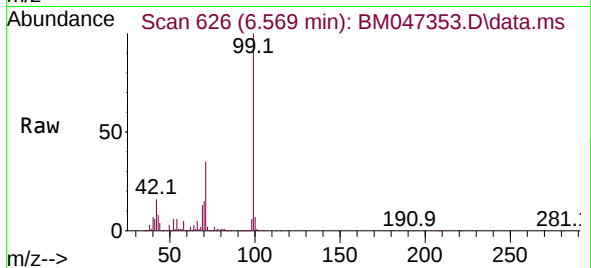




#7
Phenol-d6
Concen: 142.812 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

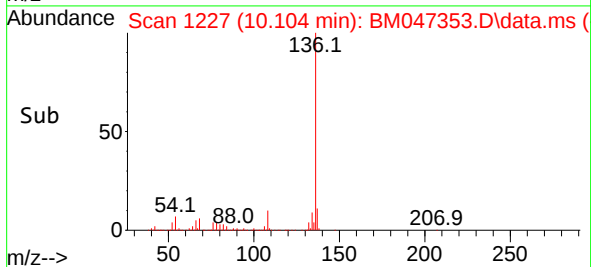
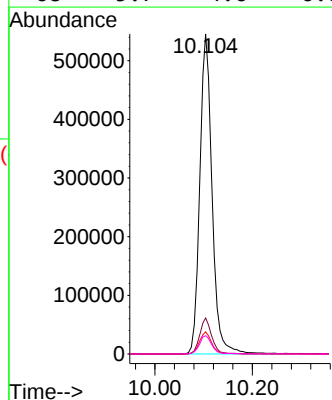
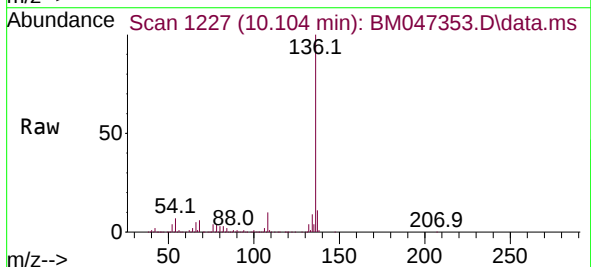
Instrument :
BNA_M
ClientSampleId :
PB162917BL

Tgt Ion: 99 Resp: 2704541
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.4
71 35.0 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: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion: 136 Resp: 957975
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.9 5.2 7.8
68 5.7 4.6 6.8

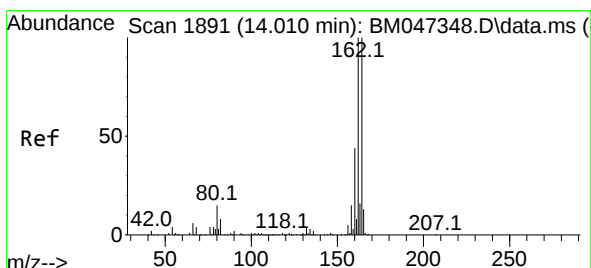
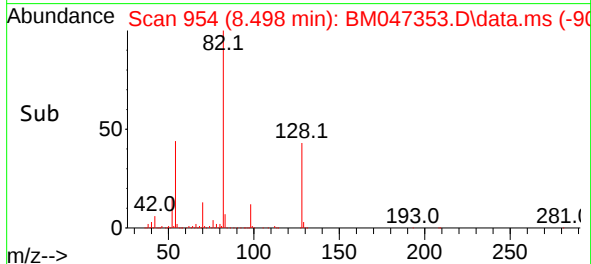
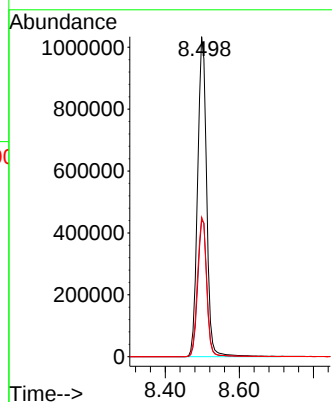
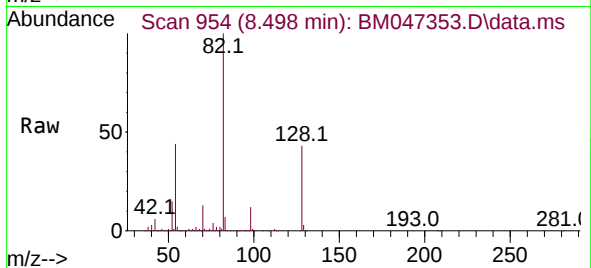




#23
Nitrobenzene-d5
Concen: 101.407 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

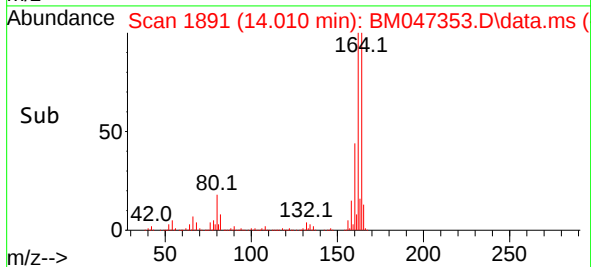
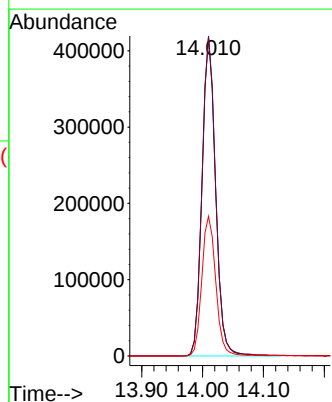
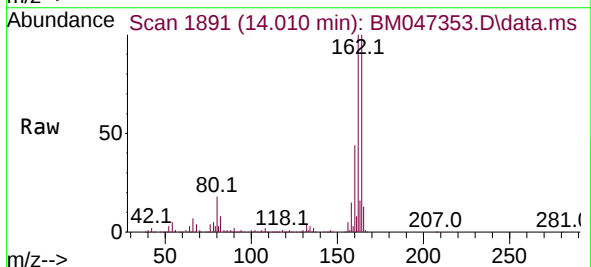
Instrument :
BNA_M
ClientSampleId :
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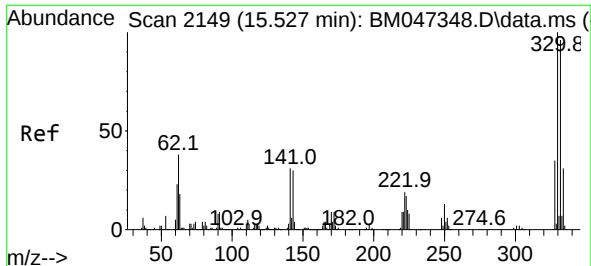
Tgt Ion: 82 Resp: 1750820
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 43.6 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

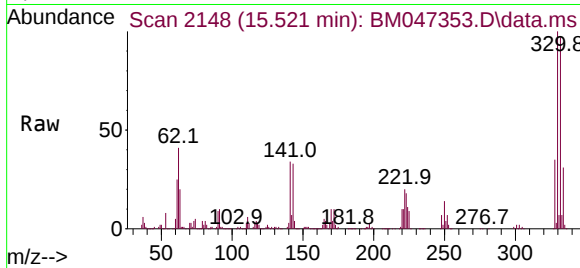
Tgt Ion:164 Resp: 646074
Ion Ratio Lower Upper
164 100
162 99.8 79.7 119.5
160 43.7 34.9 52.3



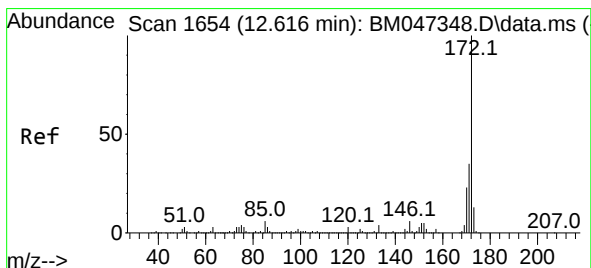
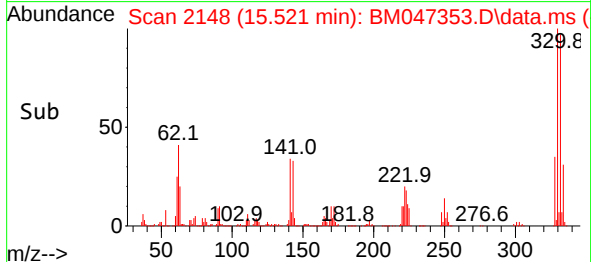
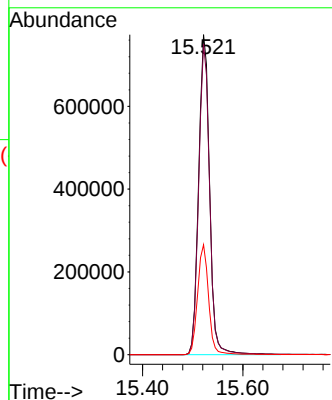


#42
2,4,6-Tribromophenol
Concen: 150.393 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Instrument :
BNA_M
ClientSampleId :
PB162917BL

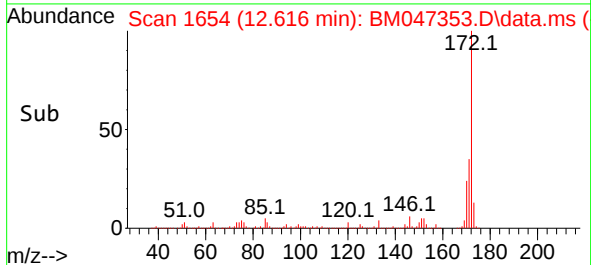
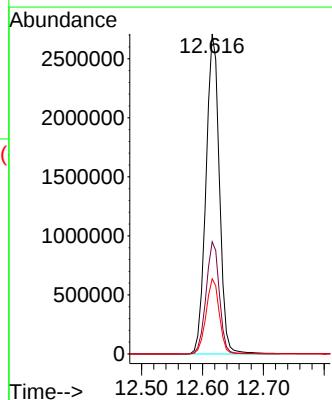
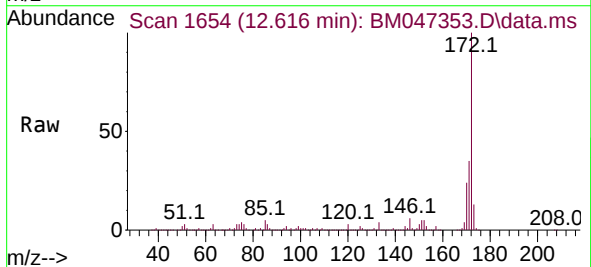


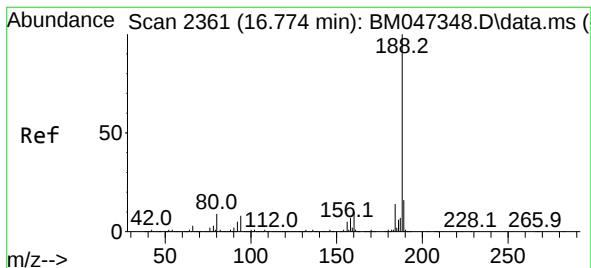
Tgt Ion:330 Resp: 1172283
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 34.4 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 98.732 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:172 Resp: 4151531
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.5 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047353.D

Acq: 26 Aug 2024 19:03

Instrument :

BNA_M

ClientSampleId :

PB162917BL

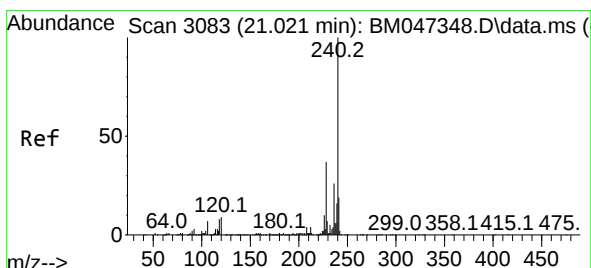
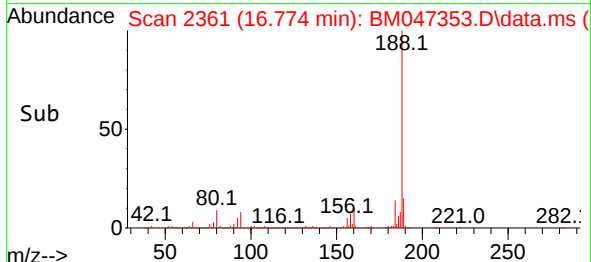
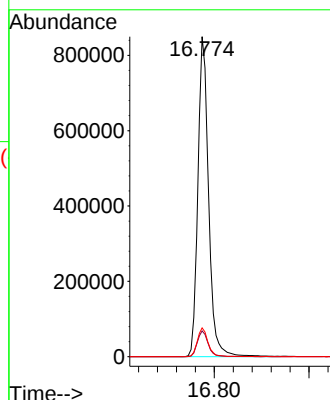
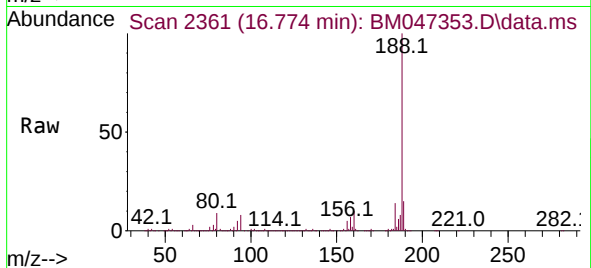
Tgt Ion:188 Resp: 1332896

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.0 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047353.D

Acq: 26 Aug 2024 19:03

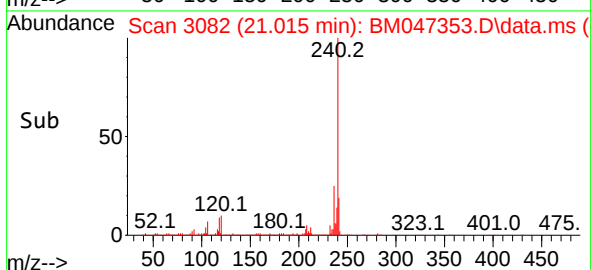
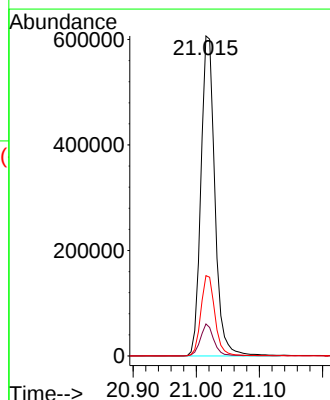
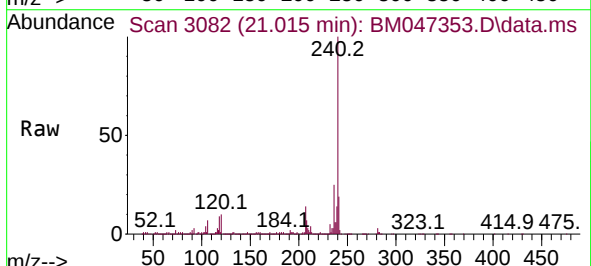
Tgt Ion:240 Resp: 930328

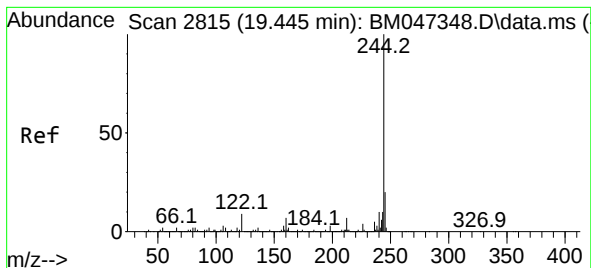
Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.0

236 25.1 20.8 31.2





#79

Terphenyl-d14

Concen: 105.288 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047353.D

Acq: 26 Aug 2024 19:03

Instrument :

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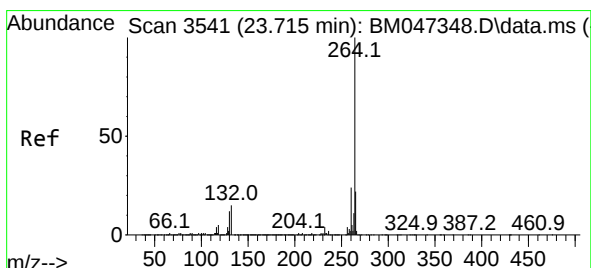
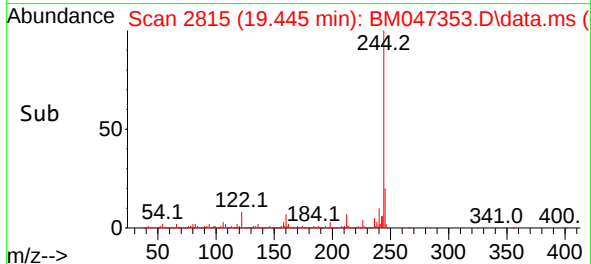
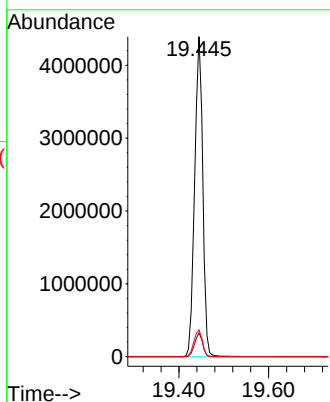
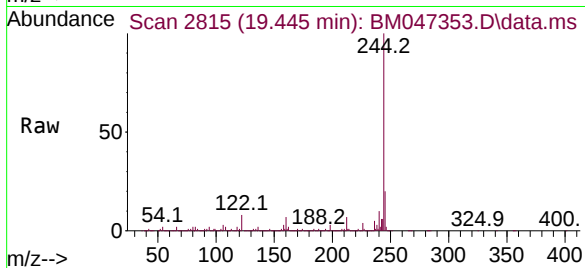
Tgt Ion:244 Resp: 5503082

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.4 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. 0.000 min

Lab File: BM047353.D

Acq: 26 Aug 2024 19:03

Tgt Ion:264 Resp: 873449

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.8 17.8 26.6

