

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
Data File : BM047390.D
Acq On : 29 Aug 2024 10:57
Operator : RC/JU
Sample : PB163024BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163024BL

Quant Time: Aug 29 11:43:26 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	241380	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	922060	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	679971	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1542345	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1565634	20.000	ng	0.00
86) Perylene-d12	23.721	264	1762457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1613055	128.210	ng	0.00
7) Phenol-d6	6.575	99	2118319	123.596	ng	0.00
23) Nitrobenzene-d5	8.498	82	1354225	81.492	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1094513	133.416	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3479234	78.619	ng	0.00
79) Terphenyl-d14	19.450	244	6434227	73.150	ng	0.00

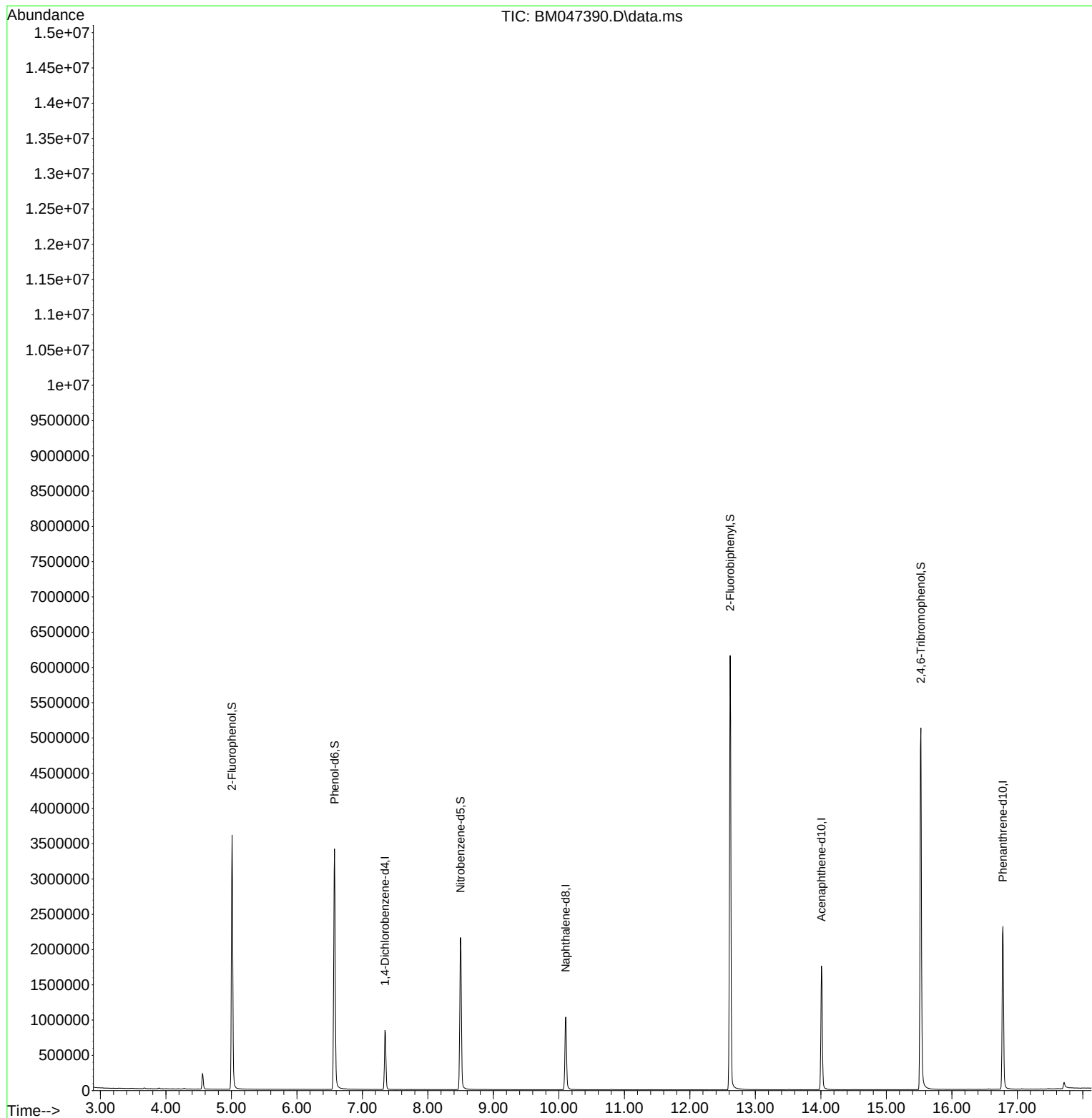
Target Compounds	Qvalue

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

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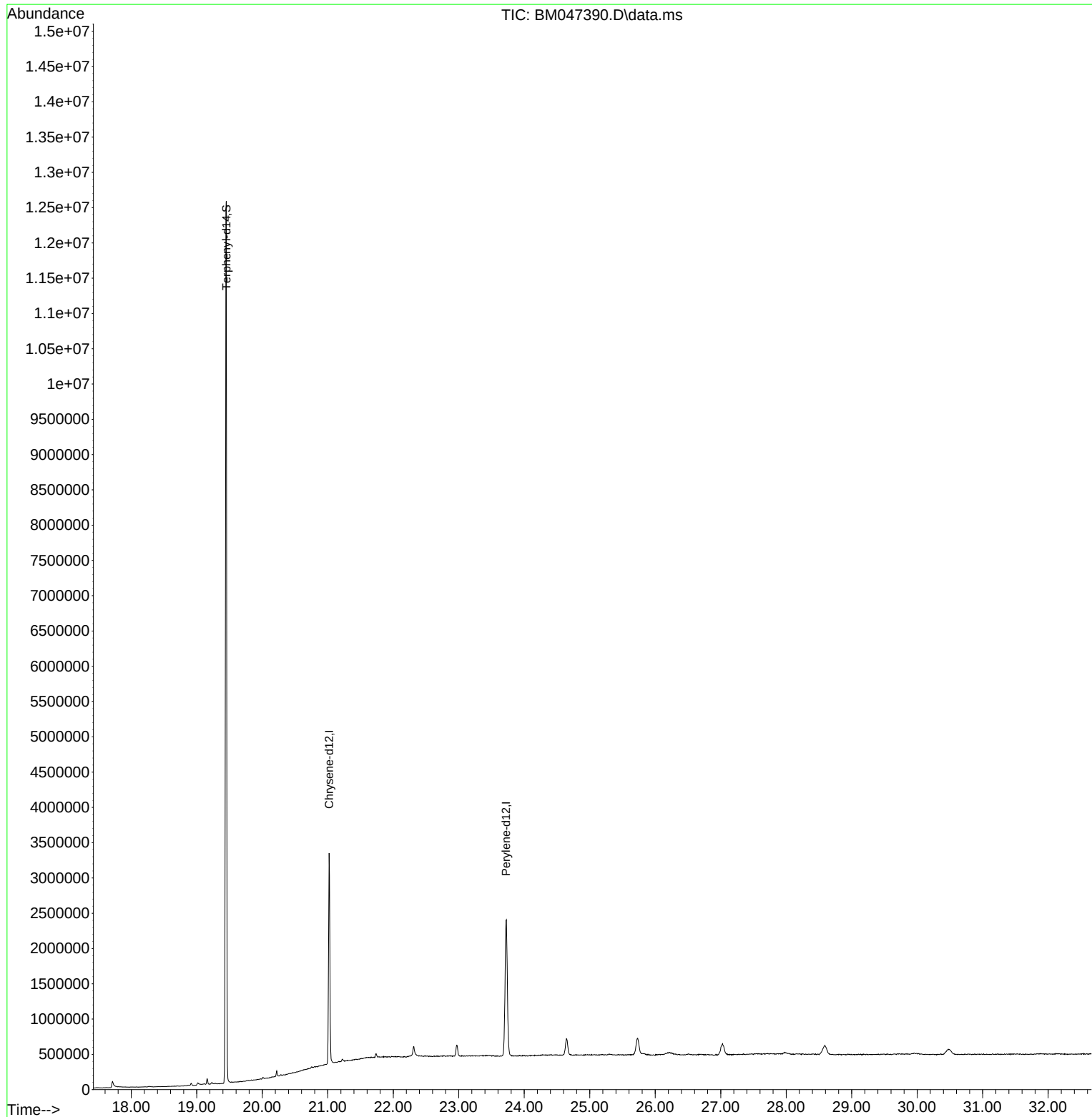
Quant Time: Aug 29 11:43:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
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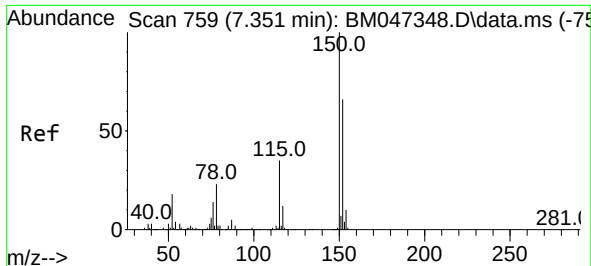


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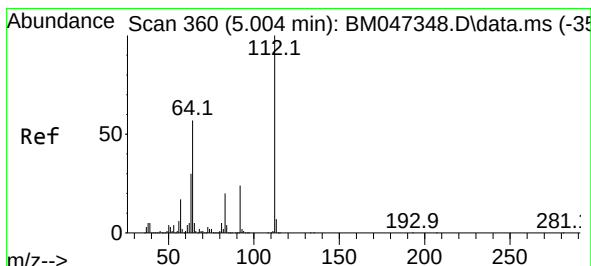
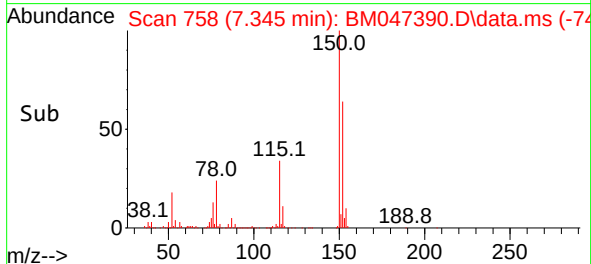
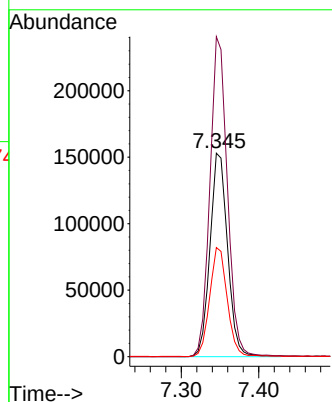
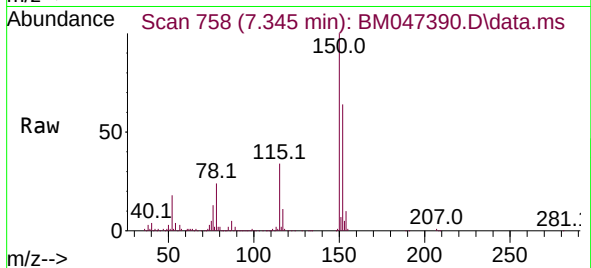




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

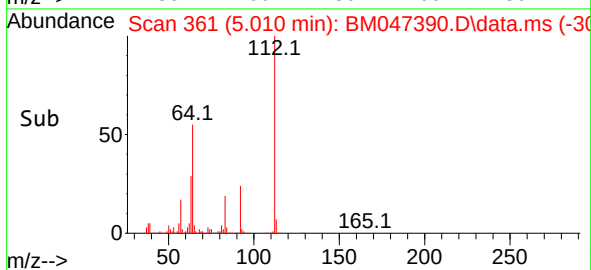
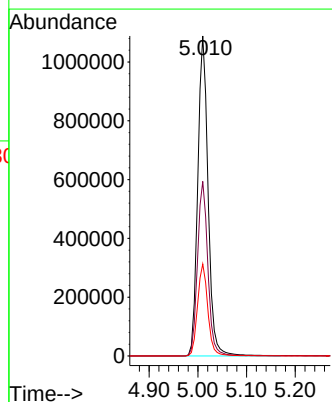
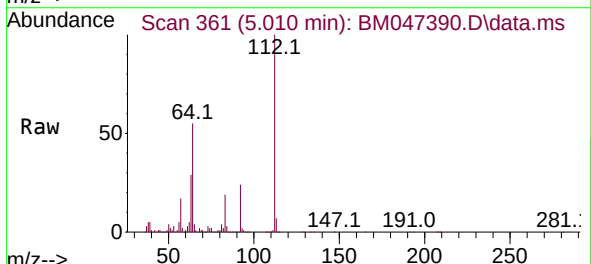
Instrument :
BNA_M
ClientSampleId :
PB163024BL

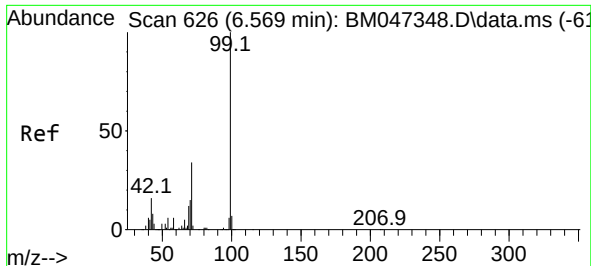
Tgt Ion:152 Resp: 241380
Ion Ratio Lower Upper
152 100
150 157.3 121.3 181.9
115 53.6 42.6 64.0



#5
2-Fluorophenol
Concen: 128.210 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

Tgt Ion:112 Resp: 1613055
Ion Ratio Lower Upper
112 100
64 54.5 45.7 68.5
63 28.7 23.8 35.8

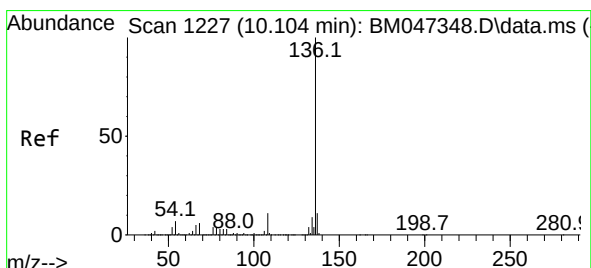
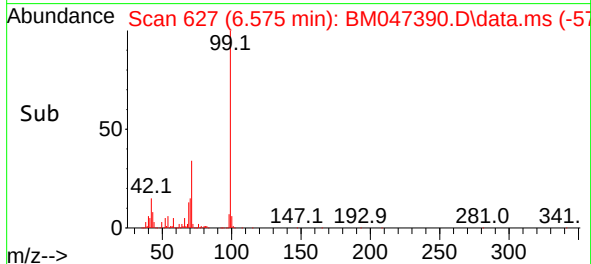
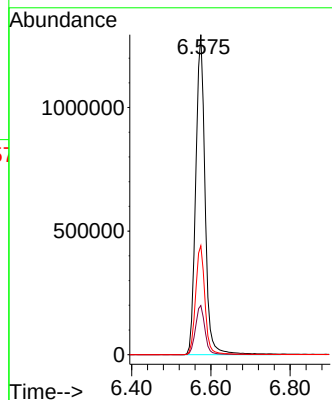
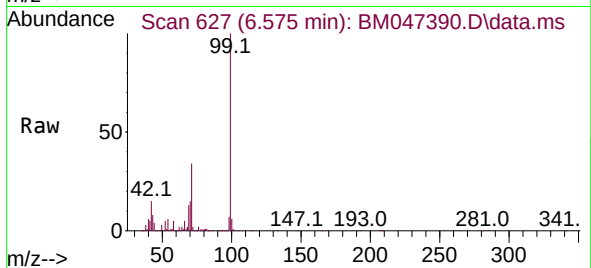




#7
Phenol-d6
Concen: 123.596 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

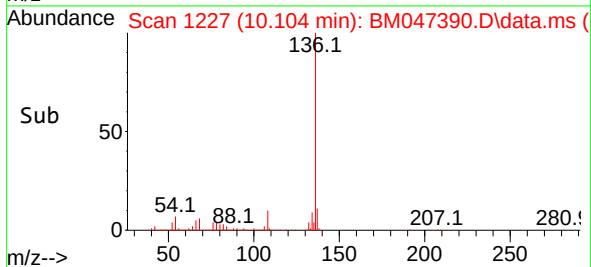
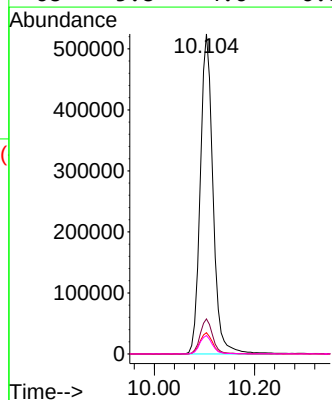
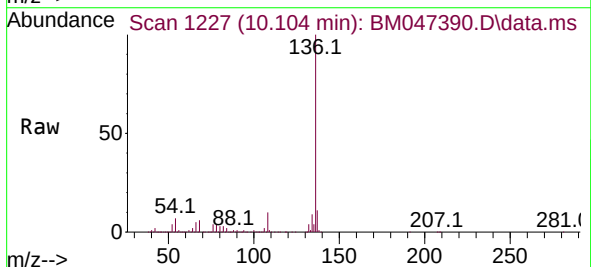
Instrument :
BNA_M
ClientSampleId :
PB163024BL

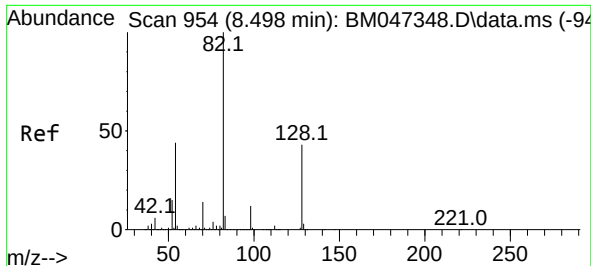
Tgt Ion: 99 Resp: 2118319
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 34.0 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

Tgt Ion: 136 Resp: 922060
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.2 7.8
68 5.8 4.6 6.8

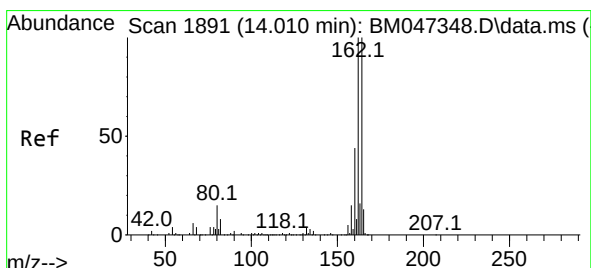
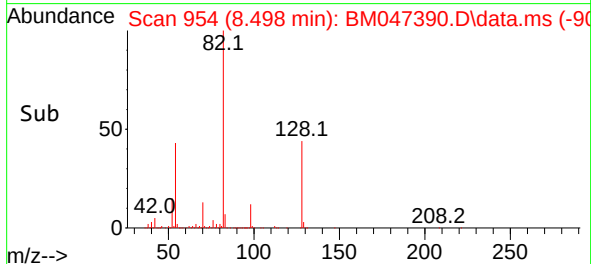
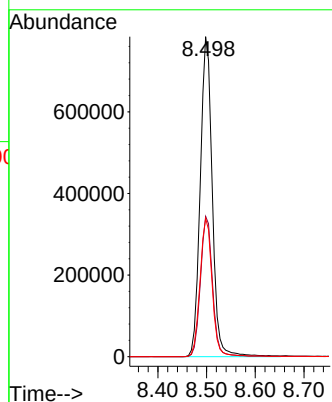
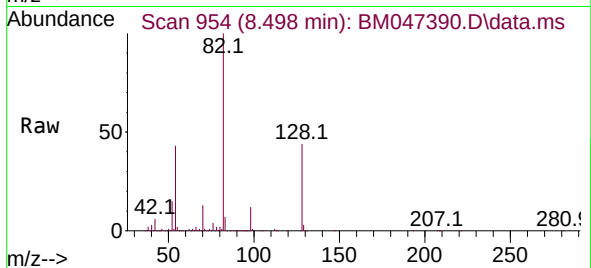




#23
Nitrobenzene-d5
Concen: 81.492 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

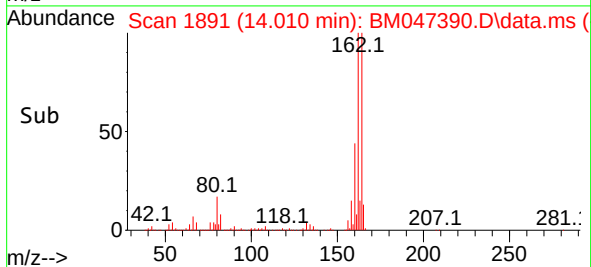
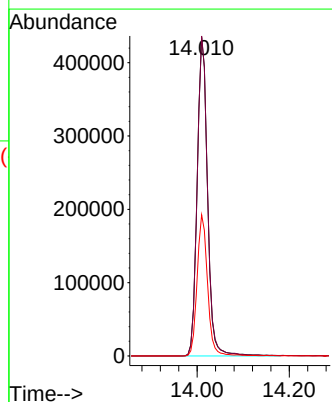
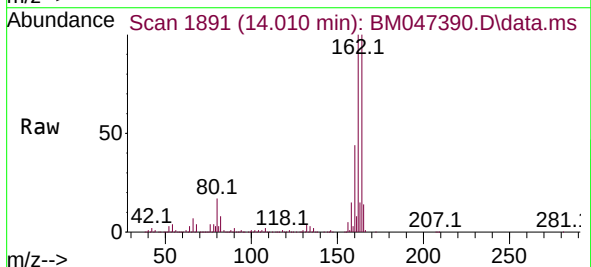
Instrument :
BNA_M
ClientSampleId :
PB163024BL

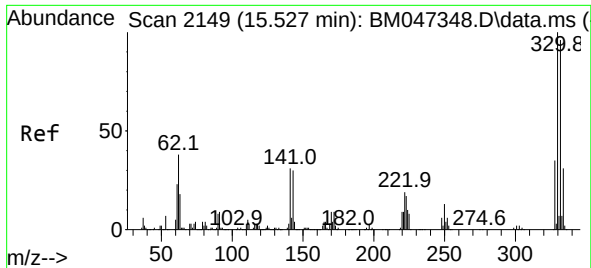
Tgt Ion: 82 Resp: 1354225
Ion Ratio Lower Upper
82 100
128 43.8 34.6 51.8
54 43.2 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

Tgt Ion:164 Resp: 679971
Ion Ratio Lower Upper
164 100
162 100.4 79.7 119.5
160 44.3 34.9 52.3

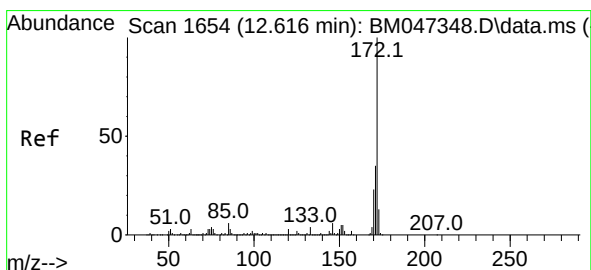
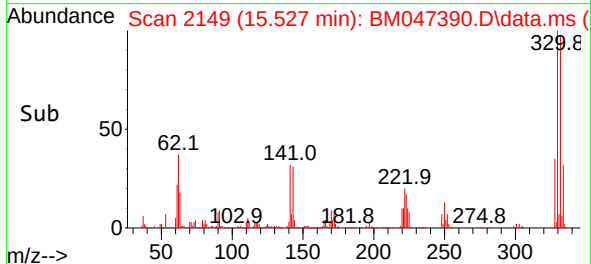
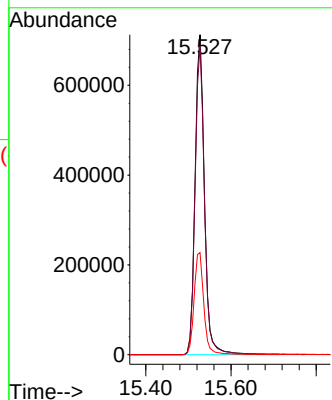
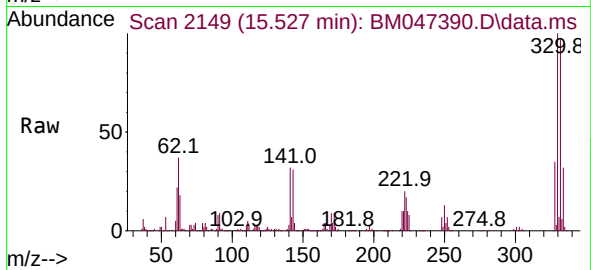




#42
2,4,6-Tribromophenol
Concen: 133.416 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

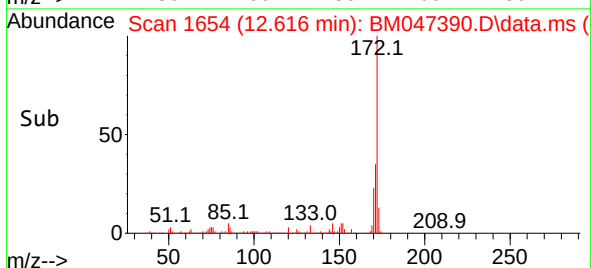
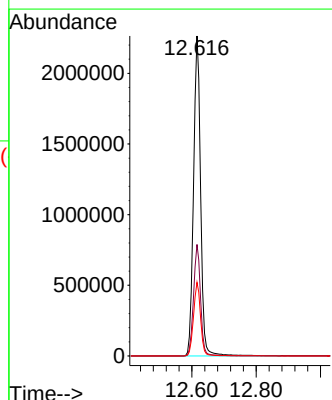
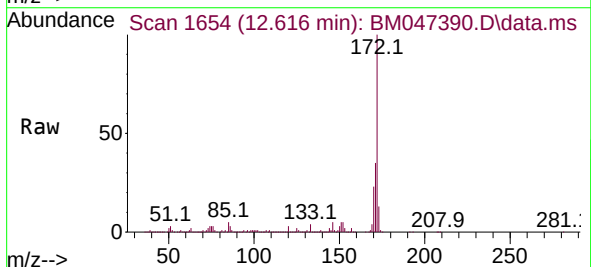
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ClientSampleId :
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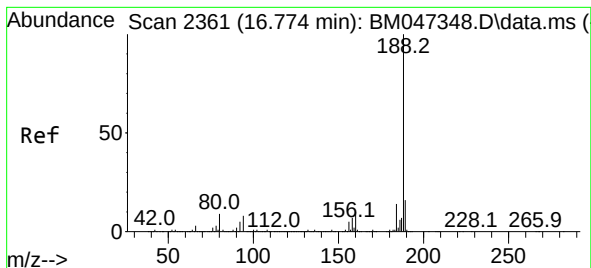
Tgt Ion:330 Resp: 1094513
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 33.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 78.619 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BM047390.D
Acq: 29 Aug 2024 10:57

Tgt Ion:172 Resp: 3479234
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 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: BM047390.D

Acq: 29 Aug 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB163024BL

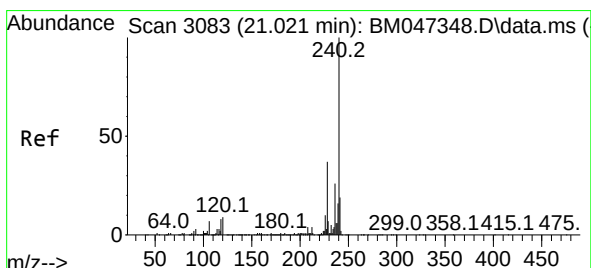
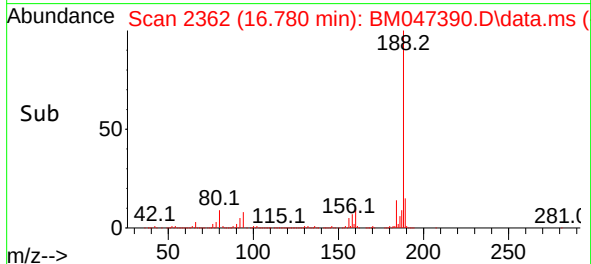
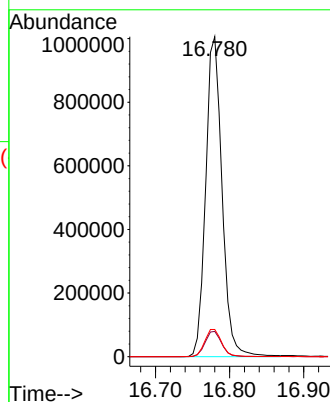
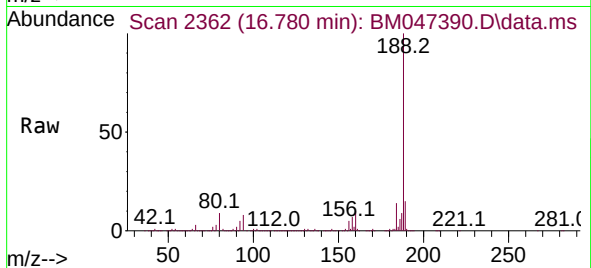
Tgt Ion:188 Resp: 1542345

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.5 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: BM047390.D

Acq: 29 Aug 2024 10:57

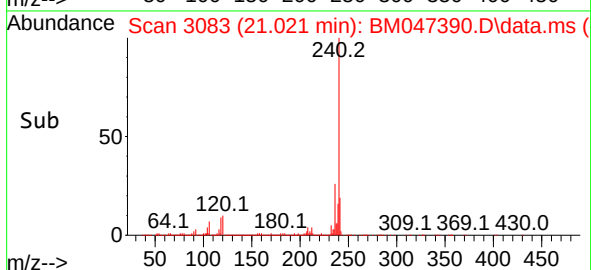
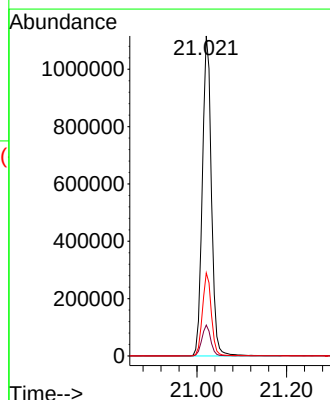
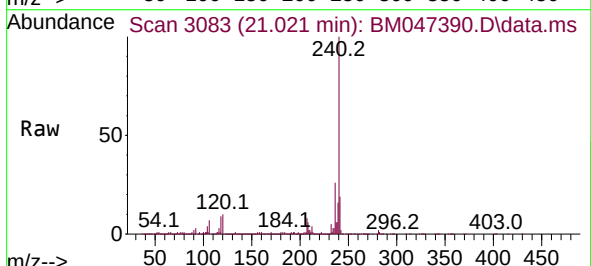
Tgt Ion:240 Resp: 1565634

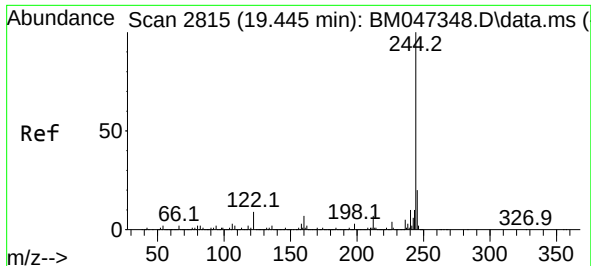
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 25.9 20.8 31.2

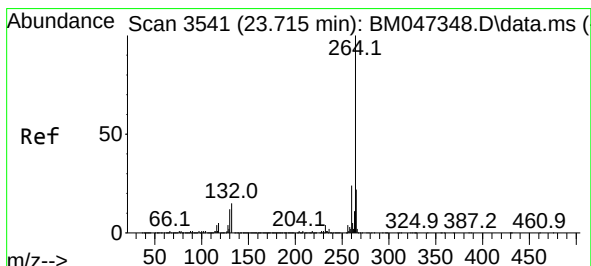
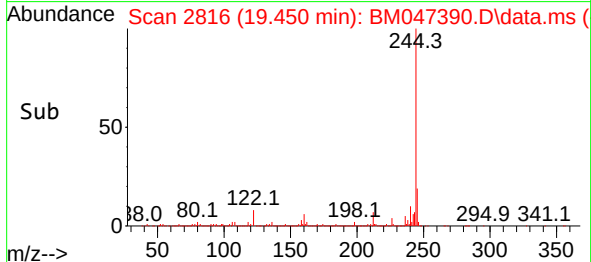
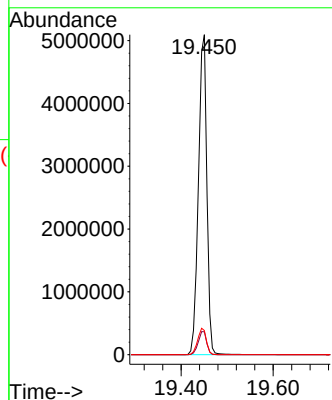
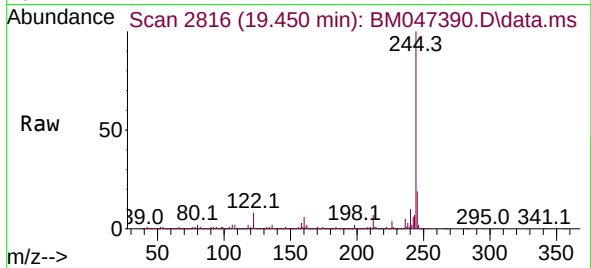




#79
 Terphenyl-d14
 Concen: 73.150 ng
 RT: 19.450 min Scan# 2816
 Delta R.T. 0.006 min
 Lab File: BM047390.D
 Acq: 29 Aug 2024 10:57

Instrument :
 BNA_M
 ClientSampleId :
 PB163024BL

Tgt Ion:244 Resp: 6434227
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.6 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. 0.006 min
 Lab File: BM047390.D
 Acq: 29 Aug 2024 10:57

Tgt Ion:264 Resp: 1762457
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.8 17.8 26.6

