

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
 Data File : BM047404.D
 Acq On : 30 Aug 2024 13:27
 Operator : RC/JU
 Sample : PB163048TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163048TB

Quant Time: Aug 30 14:11:54 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	238749	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	864350	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	599594	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1329759	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1249101	20.000	ng	0.00
86) Perylene-d12	23.727	264	1244165	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1829635	147.027	ng	0.00
7) Phenol-d6	6.575	99	2313637	136.479	ng	0.00
23) Nitrobenzene-d5	8.498	82	1505685	96.655	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1116169	154.295	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3704470	94.930	ng	0.00
79) Terphenyl-d14	19.445	244	6465235	92.129	ng	0.00

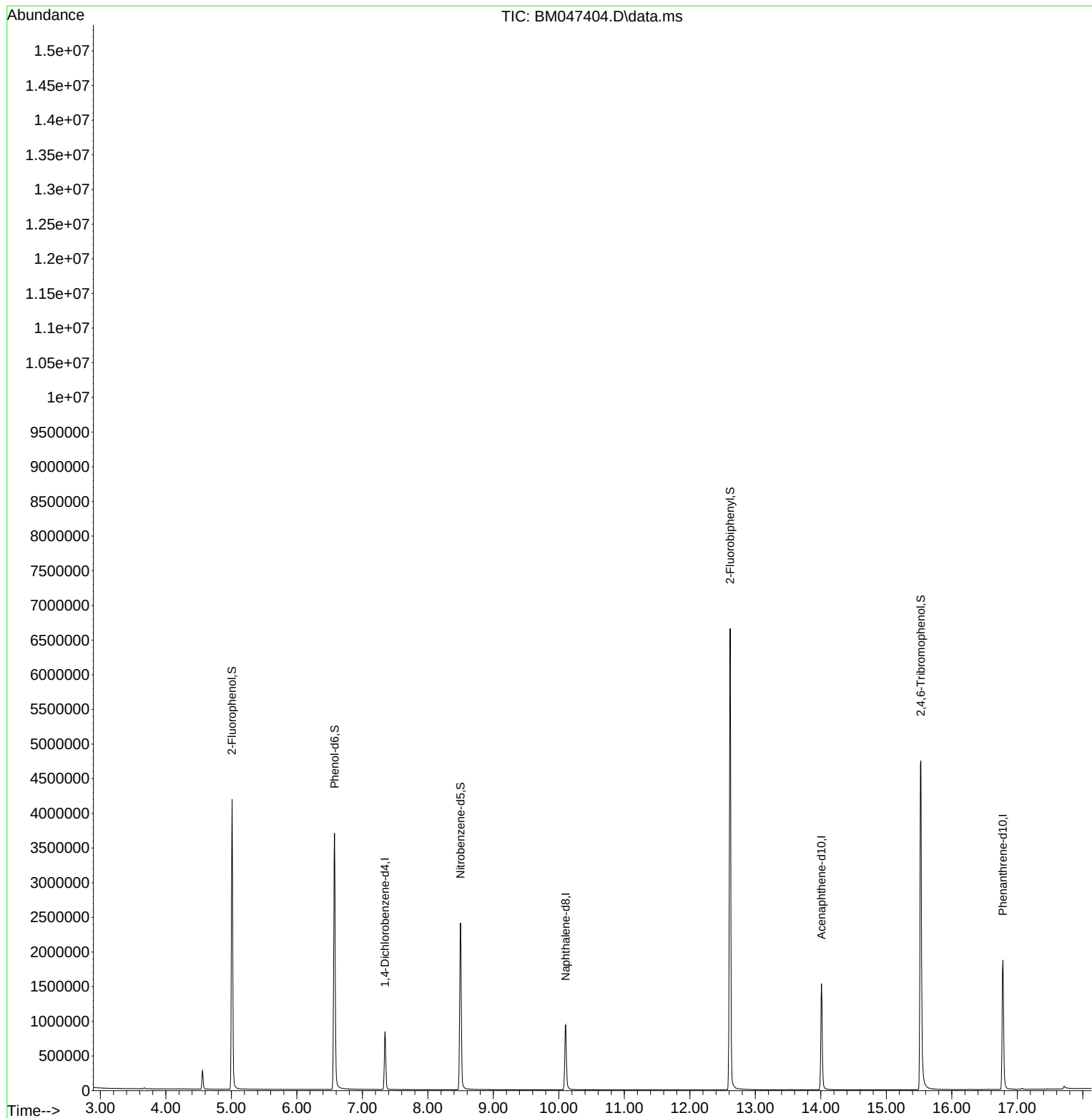
Target Compounds	Qvalue

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

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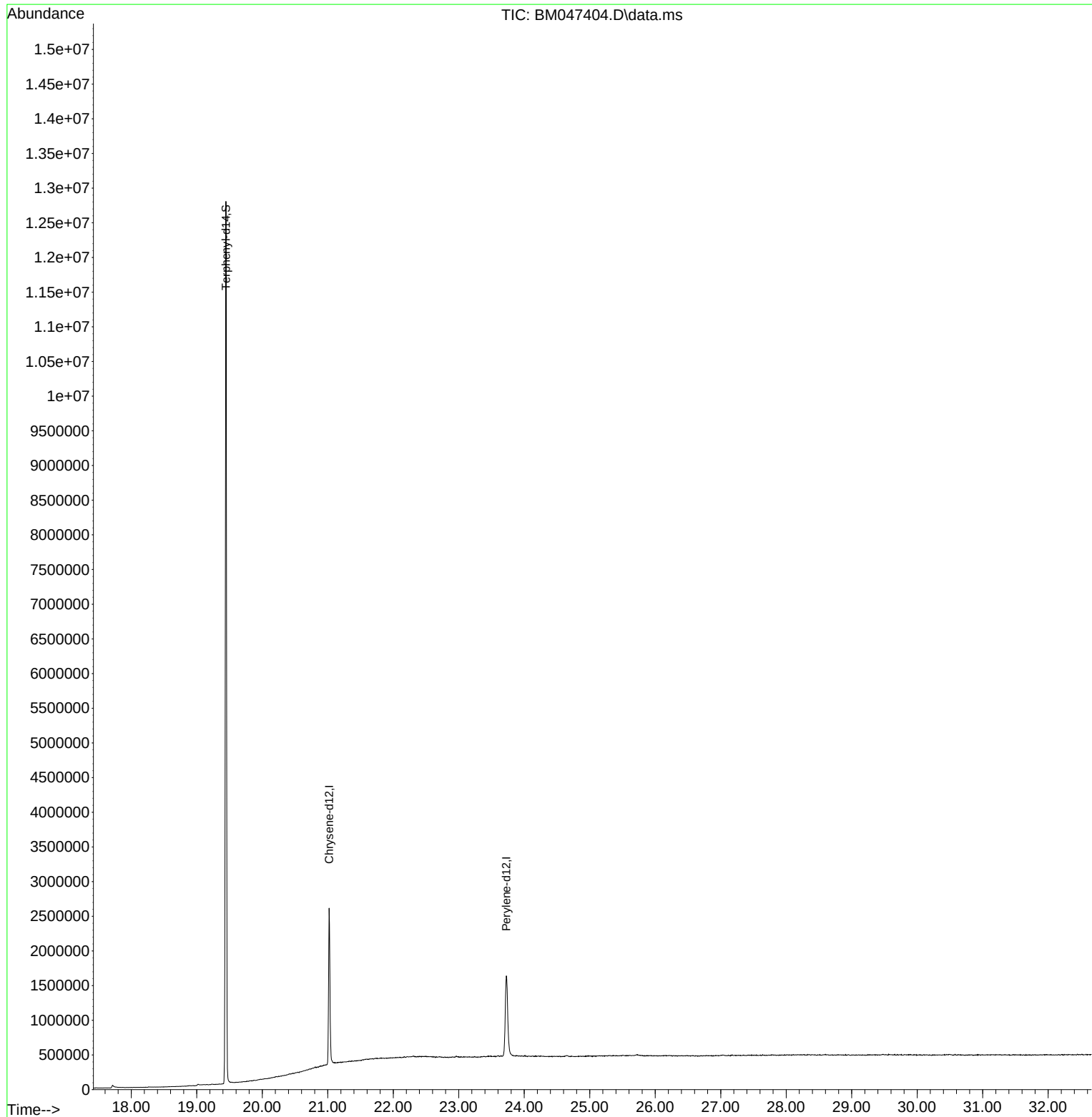
Quant Time: Aug 30 14:11:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
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QLast Update : Mon Aug 26 18:11:40 2024
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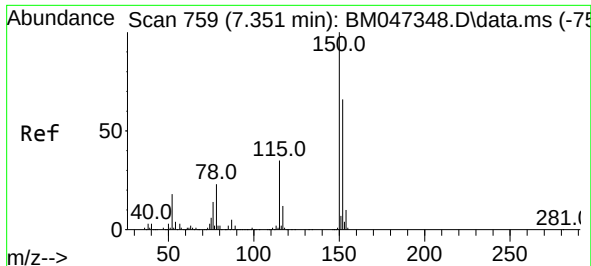


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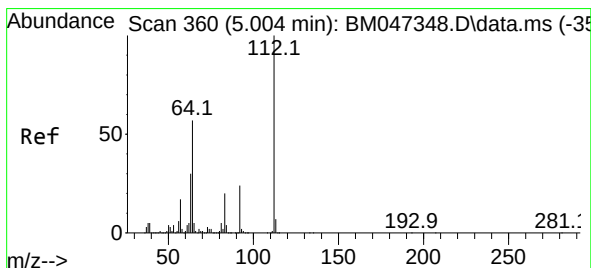
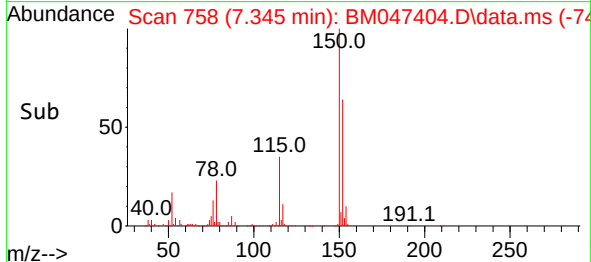
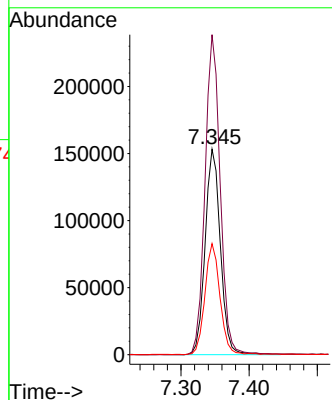
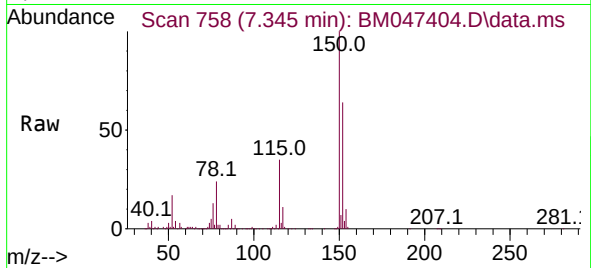




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

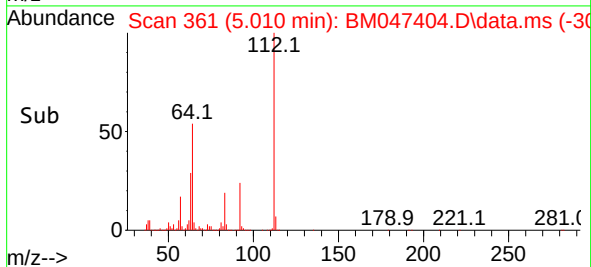
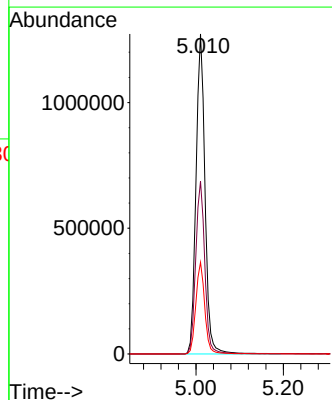
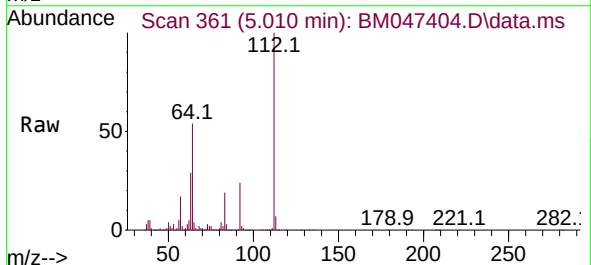
Instrument :
BNA_M
ClientSampleId :
PB163048TB

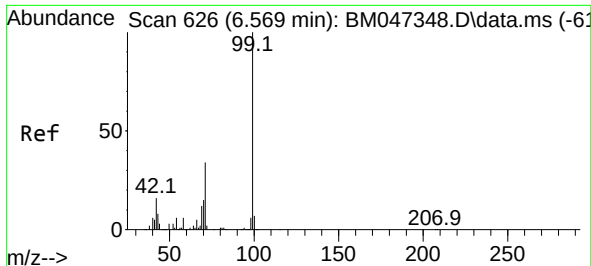
Tgt Ion:152 Resp: 238749
Ion Ratio Lower Upper
152 100
150 155.7 121.3 181.9
115 54.0 42.6 64.0



#5
2-Fluorophenol
Concen: 147.027 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:112 Resp: 1829635
Ion Ratio Lower Upper
112 100
64 54.0 45.7 68.5
63 28.7 23.8 35.8

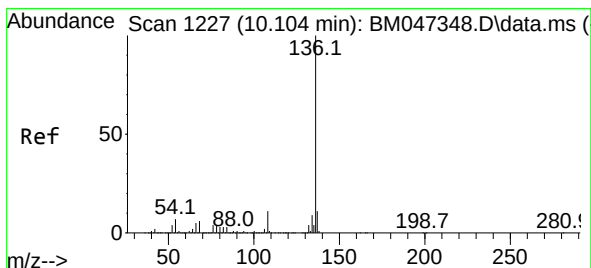
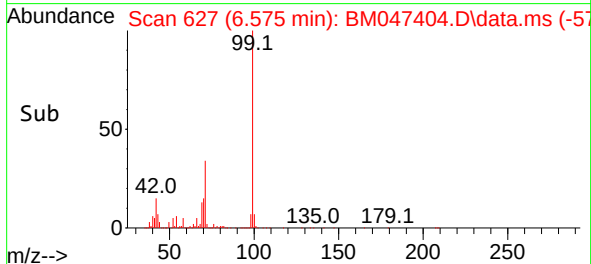
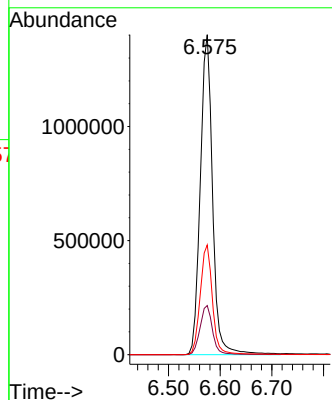
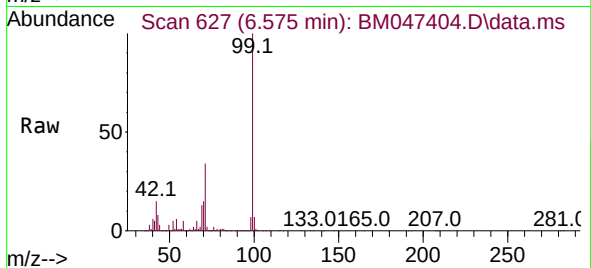




#7
Phenol-d6
Concen: 136.479 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

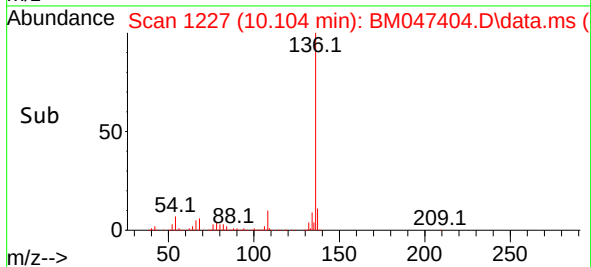
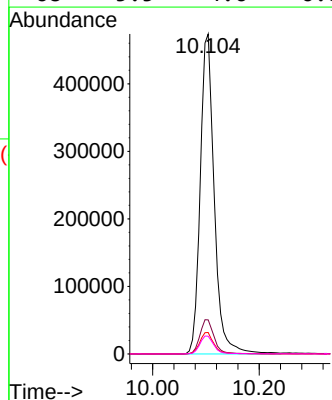
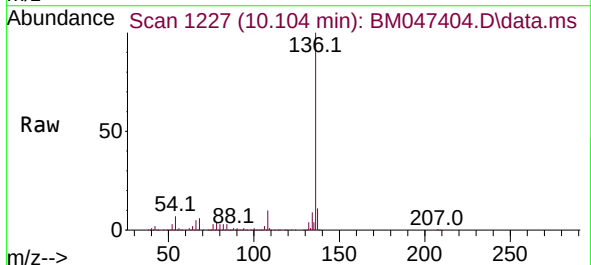
Instrument :
BNA_M
ClientSampleId :
PB163048TB

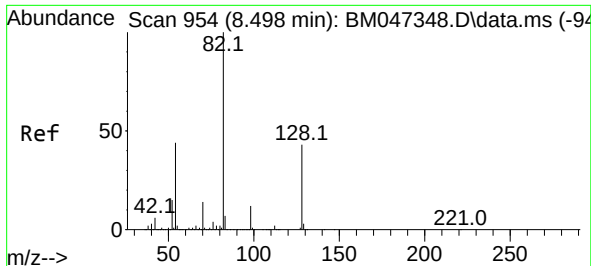
Tgt Ion: 99 Resp: 2313637
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 34.3 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion: 136 Resp: 864350
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 5.2 7.8
68 5.5 4.6 6.8

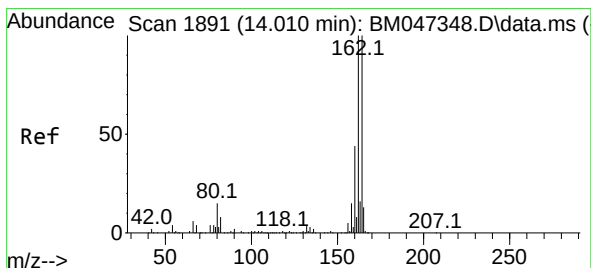
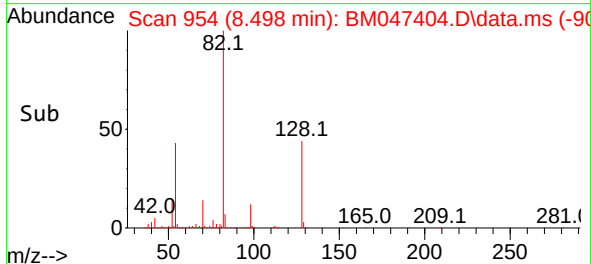
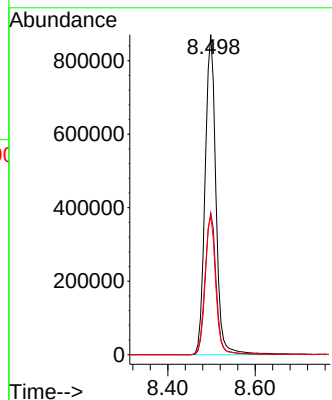
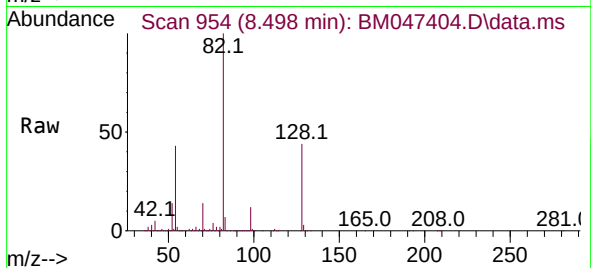




#23
Nitrobenzene-d5
Concen: 96.655 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

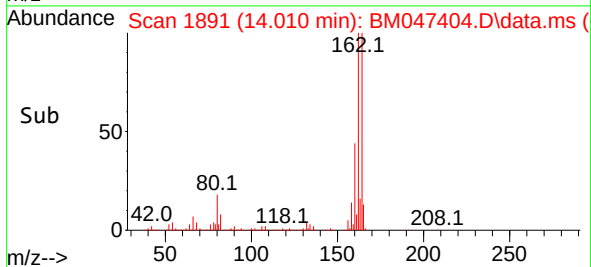
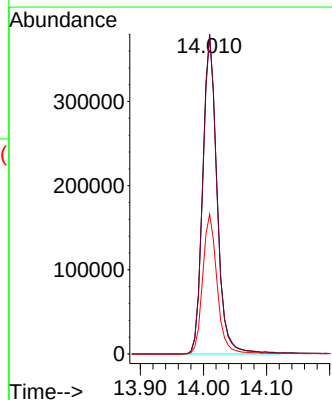
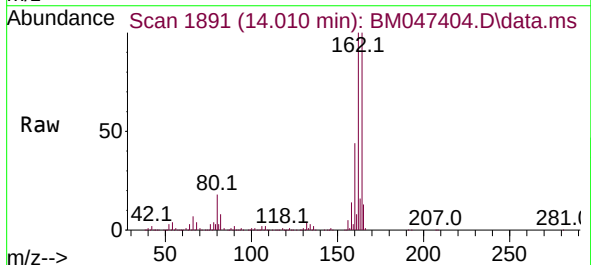
Instrument :
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ClientSampleId :
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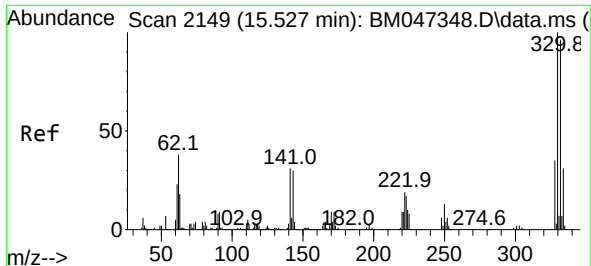
Tgt Ion: 82 Resp: 1505685
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 43.5 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:164 Resp: 599594
Ion Ratio Lower Upper
164 100
162 100.5 79.7 119.5
160 43.9 34.9 52.3

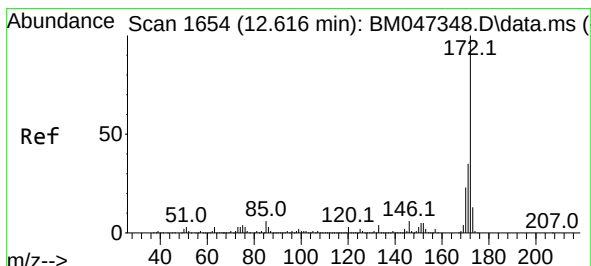
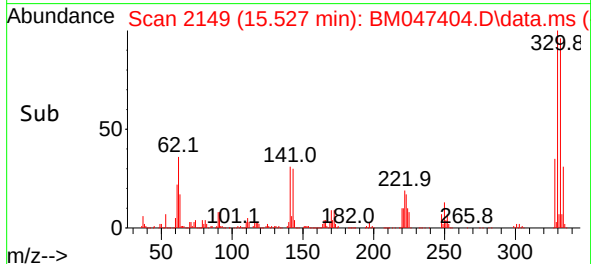
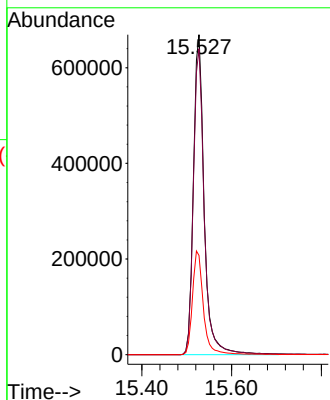
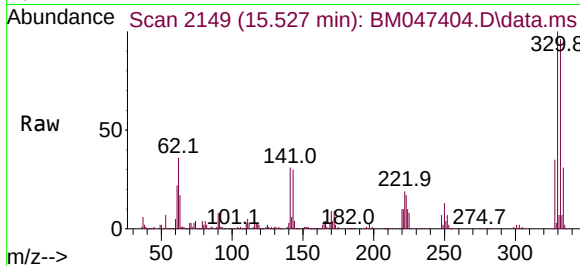




#42
2,4,6-Tribromophenol
Concen: 154.295 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

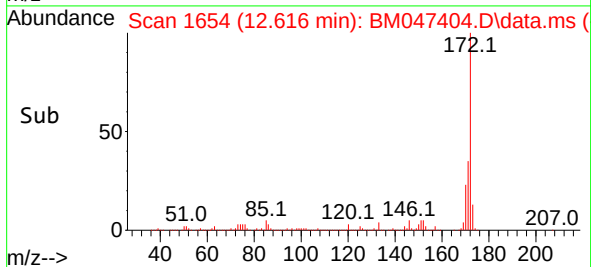
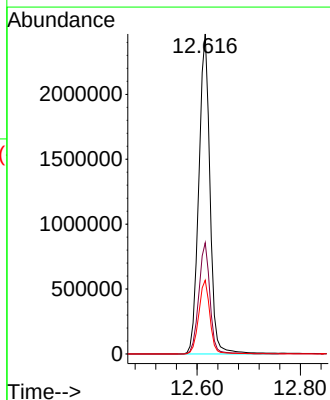
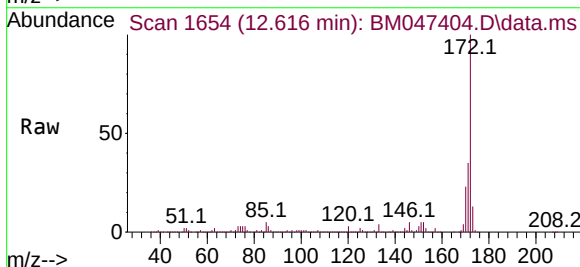
Instrument :
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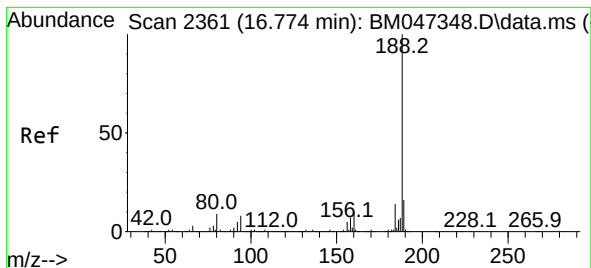
Tgt Ion:330 Resp: 1116169
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 33.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 94.930 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:172 Resp: 3704470
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.1 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: BM047404.D

Acq: 30 Aug 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB163048TB

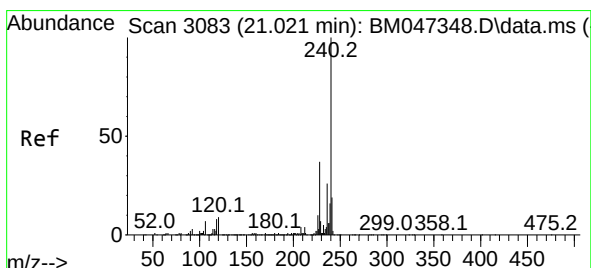
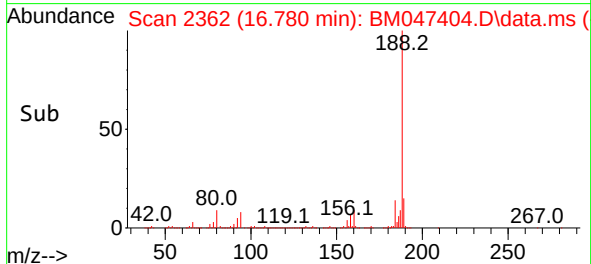
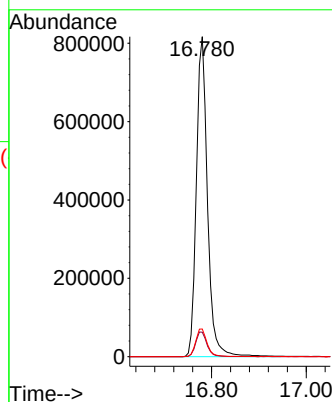
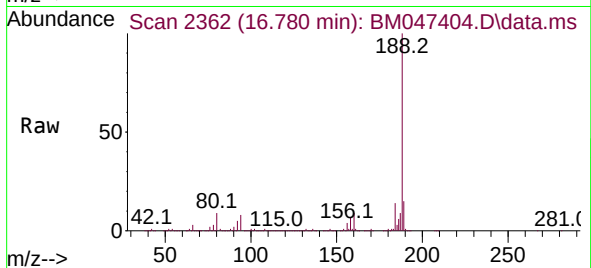
Tgt Ion:188 Resp: 1329759

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.6 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: BM047404.D

Acq: 30 Aug 2024 13:27

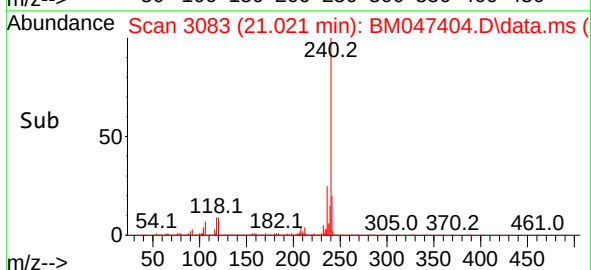
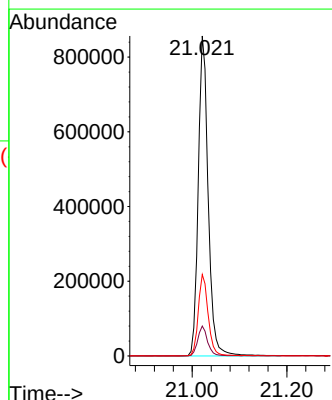
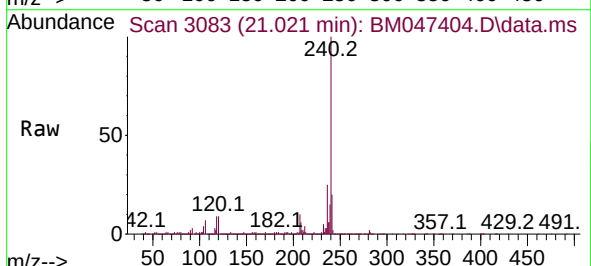
Tgt Ion:240 Resp: 1249101

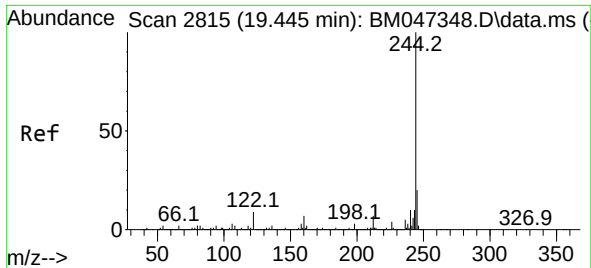
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 25.5 20.8 31.2

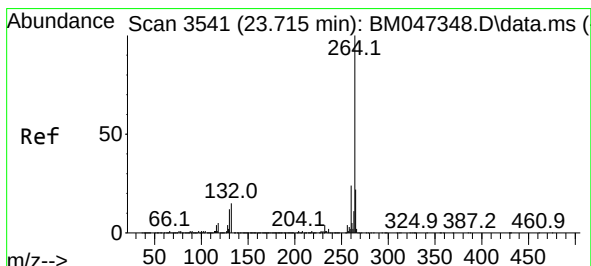
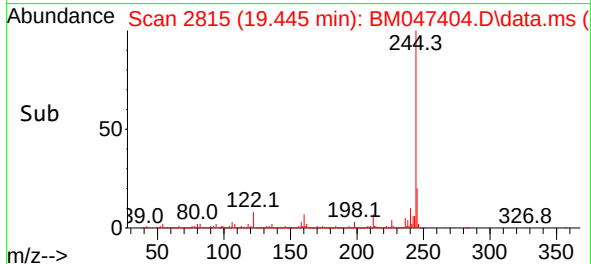
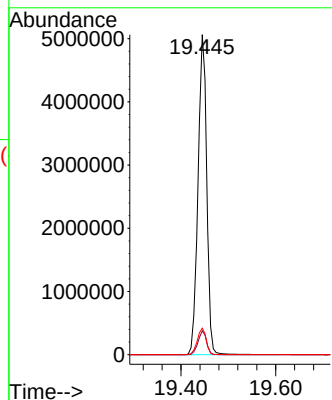
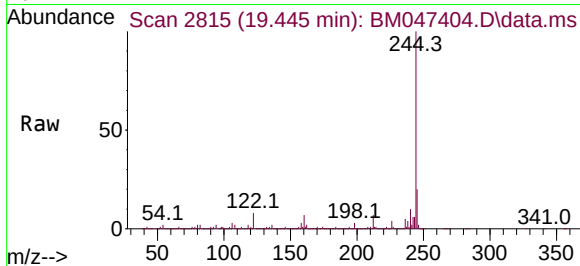




#79
 Terphenyl-d14
 Concen: 92.129 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047404.D
 Acq: 30 Aug 2024 13:27

Instrument :
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Tgt Ion:244 Resp: 6465235
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. 0.012 min
 Lab File: BM047404.D
 Acq: 30 Aug 2024 13:27

Tgt Ion:264 Resp: 1244165
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.9 17.8 26.6

