

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
Data File : BM047411.D
Acq On : 30 Aug 2024 18:19
Operator : RC/JU
Sample : P3795-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
239

Quant Time: Aug 30 23:37:28 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	222791	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	779565	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	509868	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1014259	20.000	ng	0.00
76) Chrysene-d12	21.021	240	919835	20.000	ng	0.00
86) Perylene-d12	23.721	264	1085274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	986448	84.948	ng	0.00
7) Phenol-d6	6.569	99	1239050	78.326	ng	0.00
23) Nitrobenzene-d5	8.492	82	793905	56.506	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	541808	88.078	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2026961	61.083	ng	0.00
79) Terphenyl-d14	19.439	244	2904087	56.196	ng	0.00

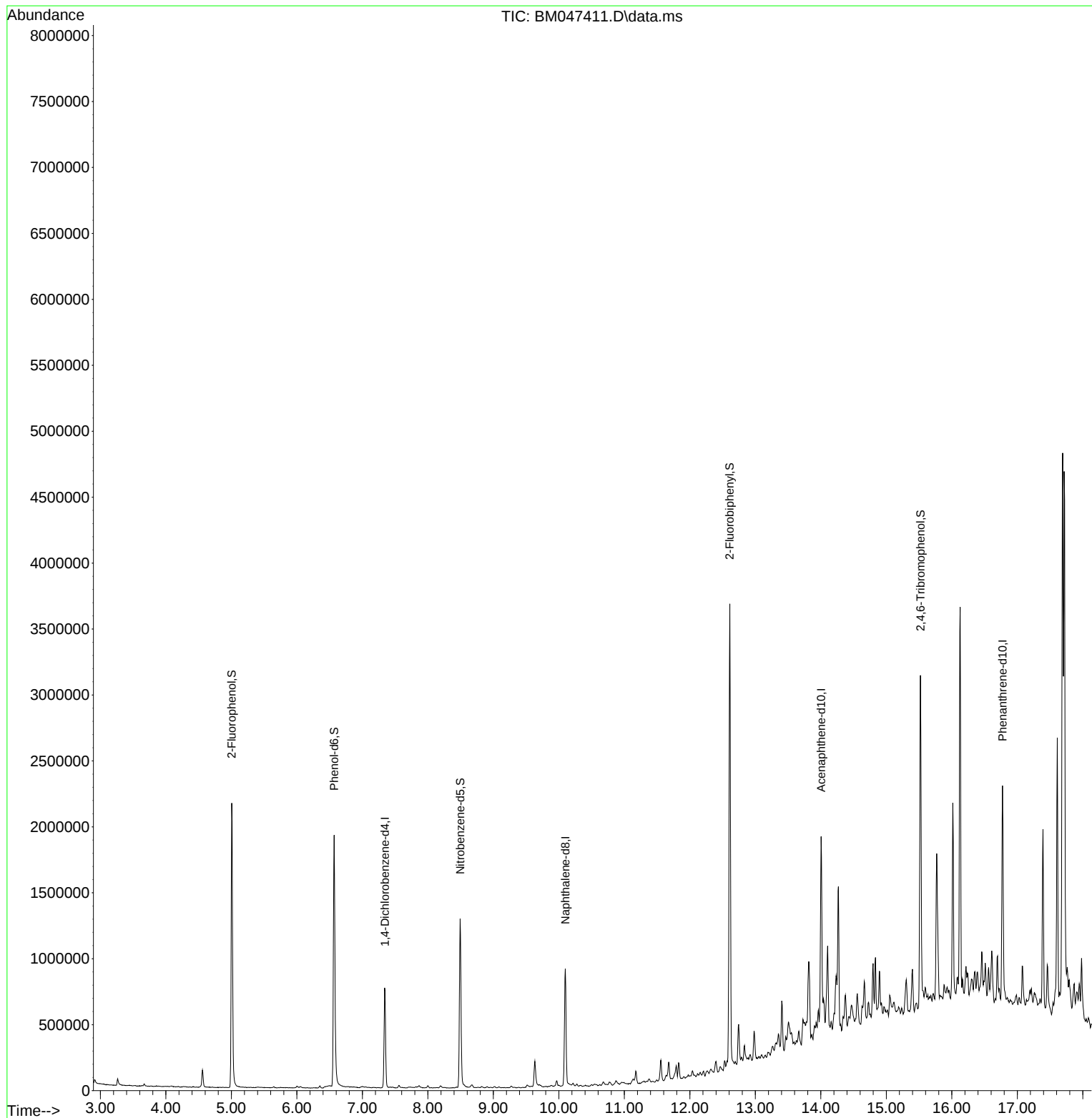
Target Compounds	Qvalue

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

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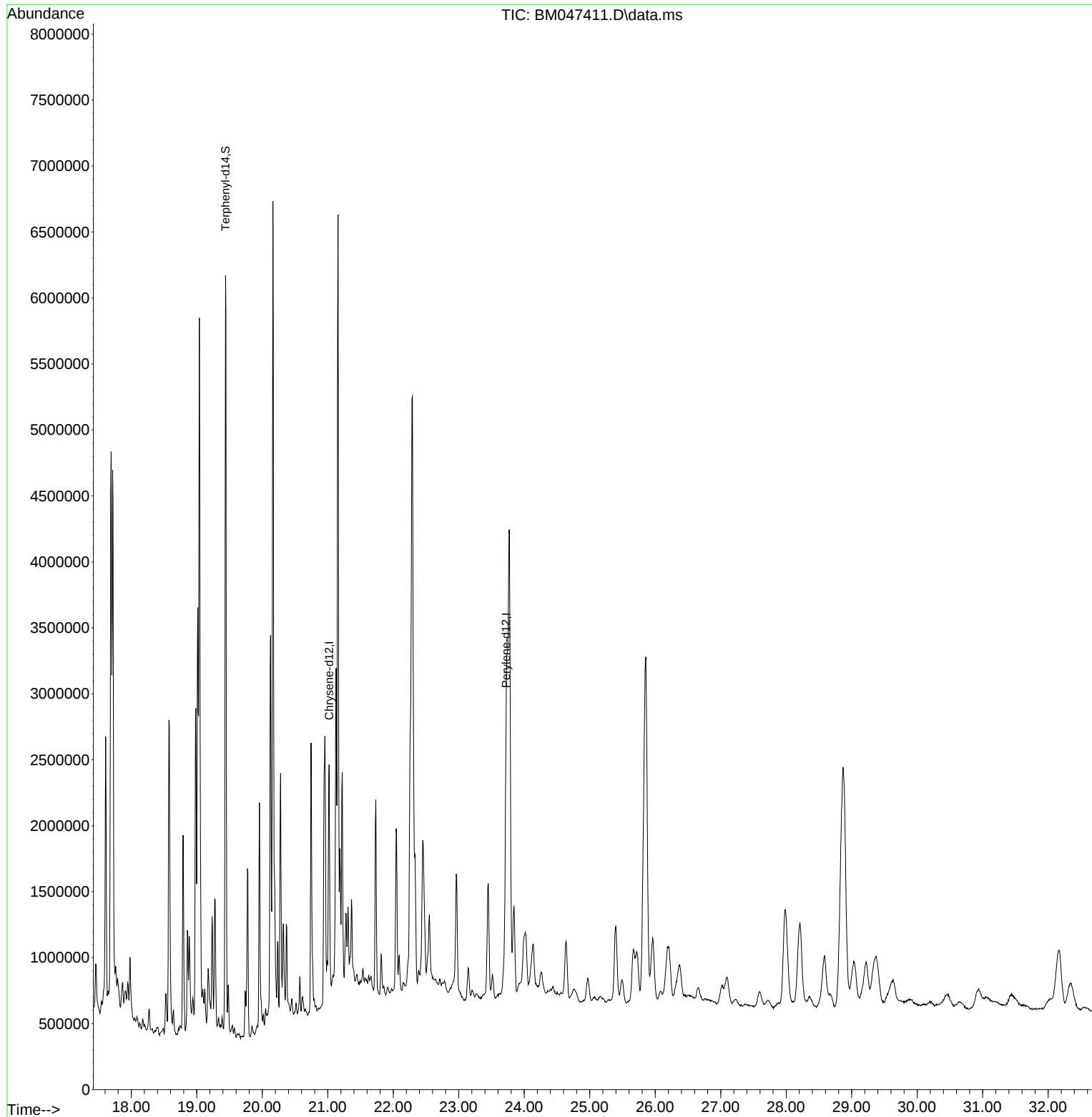
Quant Time: Aug 30 23:37:28 2024
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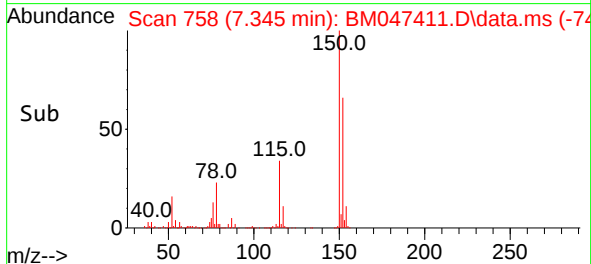
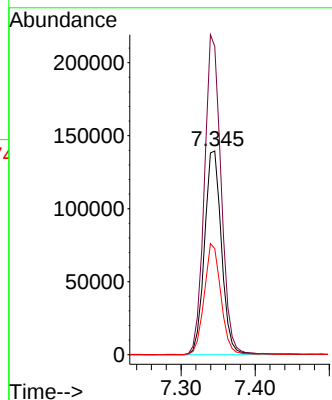
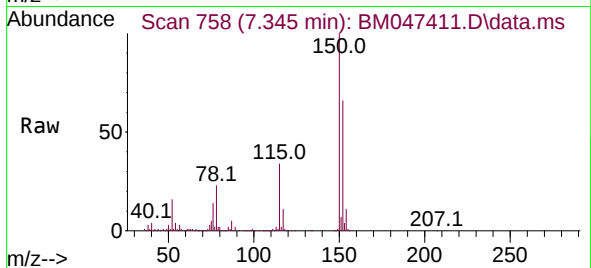




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047411.D
Acq: 30 Aug 2024 18:19

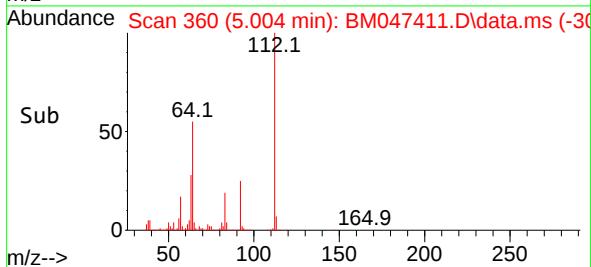
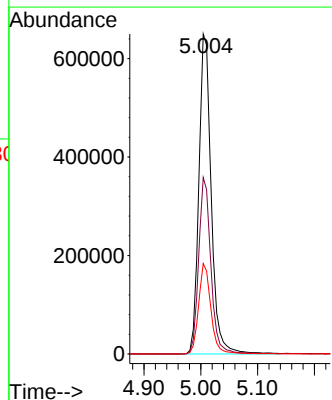
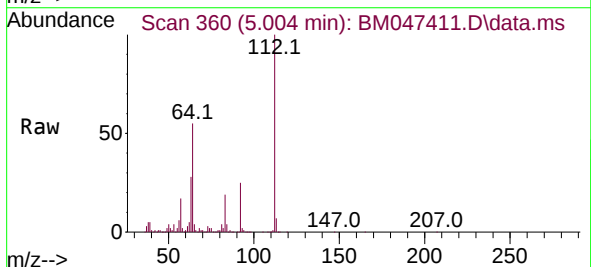
Instrument :
BNA_M
ClientSampleId :
239

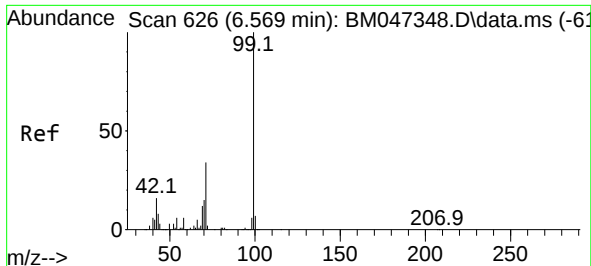
Tgt Ion:152 Resp: 222791
Ion Ratio Lower Upper
152 100
150 151.4 121.3 181.9
115 52.1 42.6 64.0



#5
2-Fluorophenol
Concen: 84.948 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047411.D
Acq: 30 Aug 2024 18:19

Tgt Ion:112 Resp: 986448
Ion Ratio Lower Upper
112 100
64 55.1 45.7 68.5
63 28.3 23.8 35.8

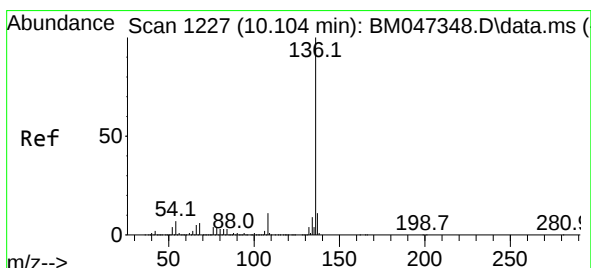
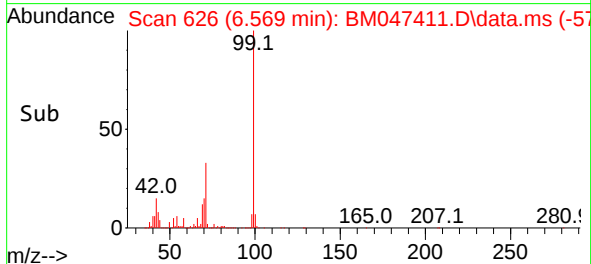
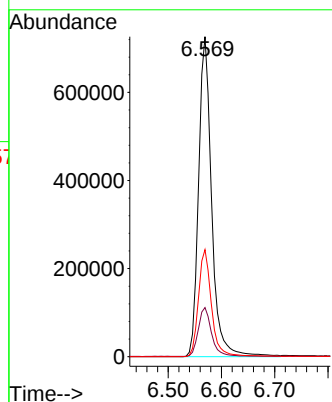
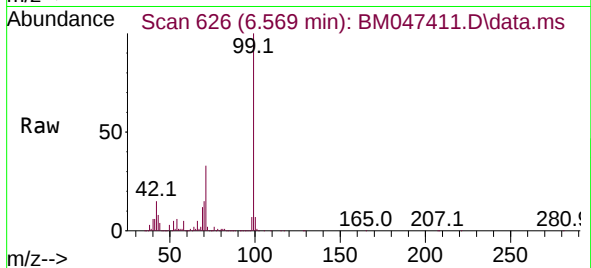




#7
Phenol-d6
Concen: 78.326 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047411.D
Acq: 30 Aug 2024 18:19

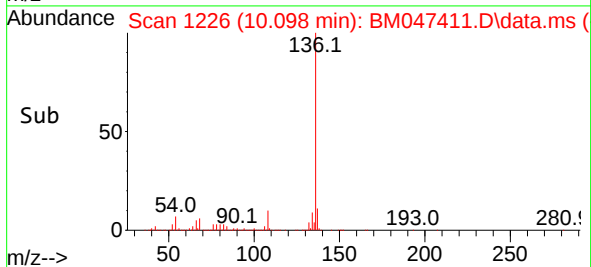
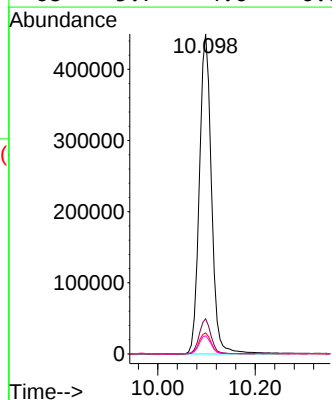
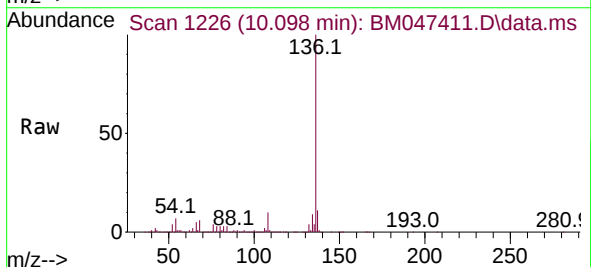
Instrument :
BNA_M
ClientSampleId :
239

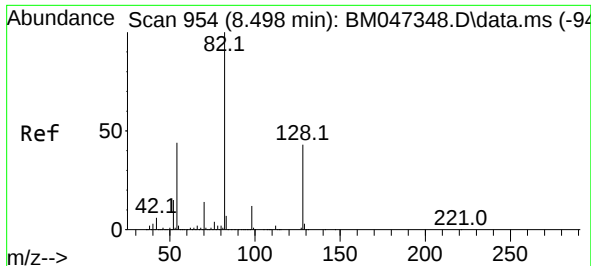
Tgt Ion: 99 Resp: 1239050
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 33.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047411.D
Acq: 30 Aug 2024 18:19

Tgt Ion: 136 Resp: 779565
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.2 7.8
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 56.506 ng

RT: 8.492 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM047411.D

Acq: 30 Aug 2024 18:19

Instrument :

BNA_M

ClientSampleId :

239

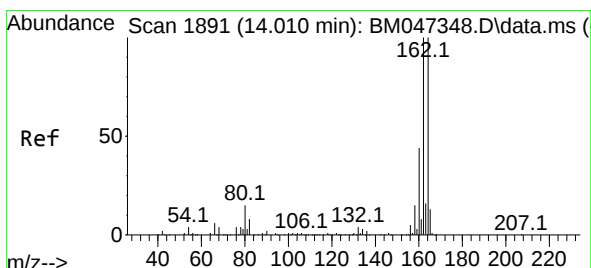
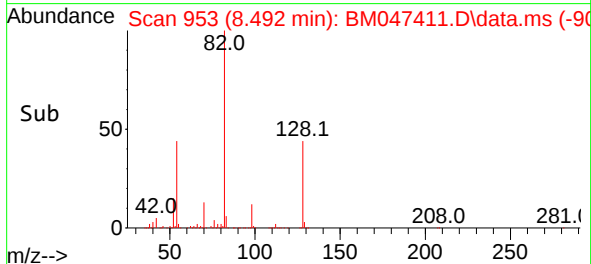
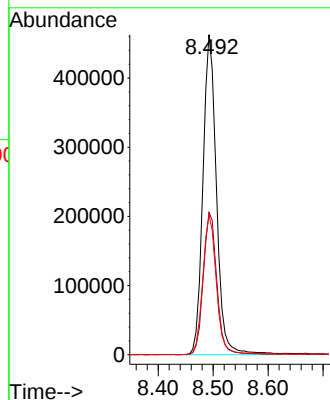
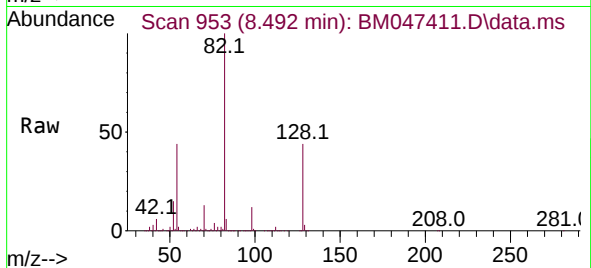
Tgt Ion: 82 Resp: 793905

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

54 43.6 35.5 53.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.004 min Scan# 1890

Delta R.T. -0.006 min

Lab File: BM047411.D

Acq: 30 Aug 2024 18:19

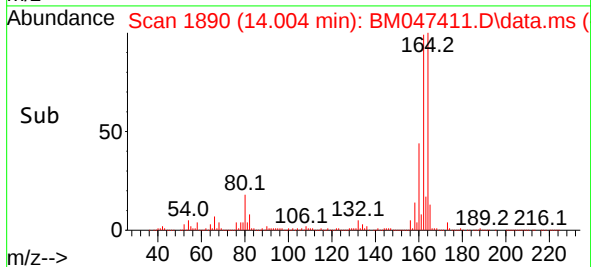
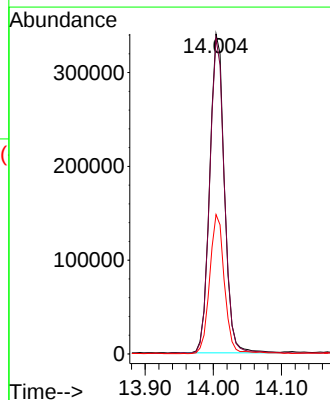
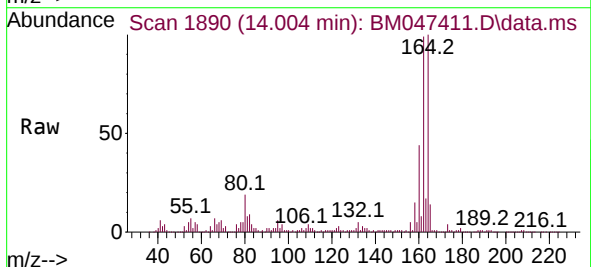
Tgt Ion: 164 Resp: 509868

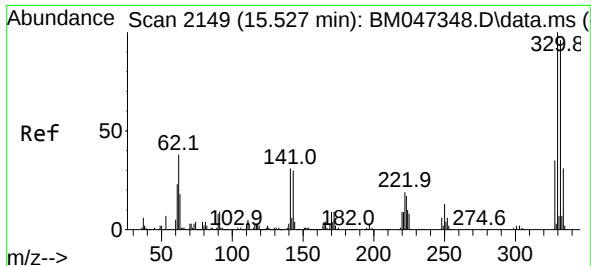
Ion Ratio Lower Upper

164 100

162 98.6 79.7 119.5

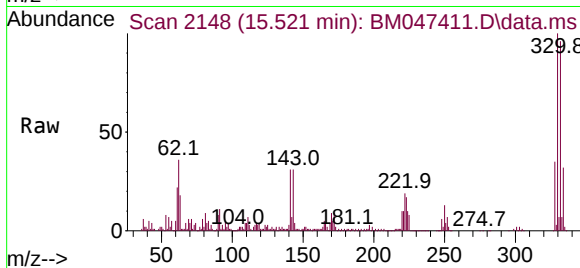
160 43.5 34.9 52.3



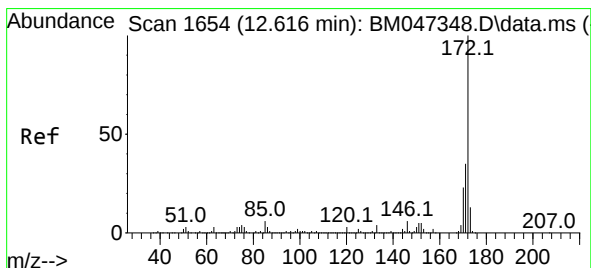
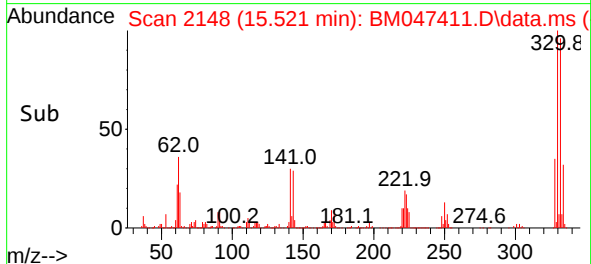
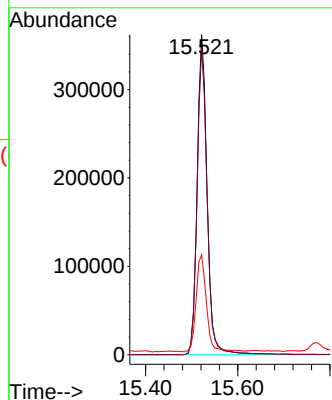


#42
2,4,6-Tribromophenol
Concen: 88.078 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047411.D
Acq: 30 Aug 2024 18:19

Instrument :
BNA_M
ClientSampleId :
239

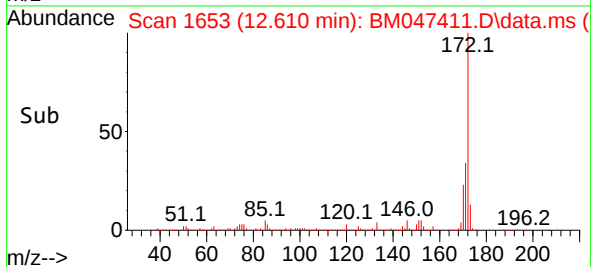
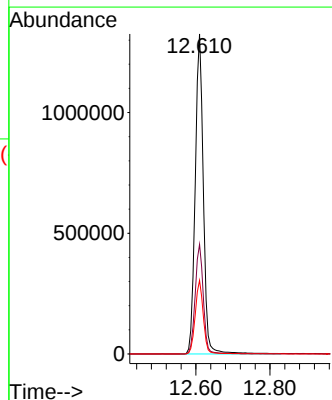
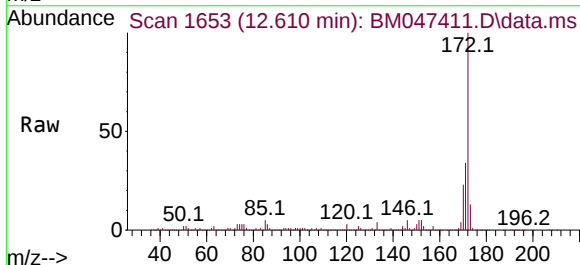


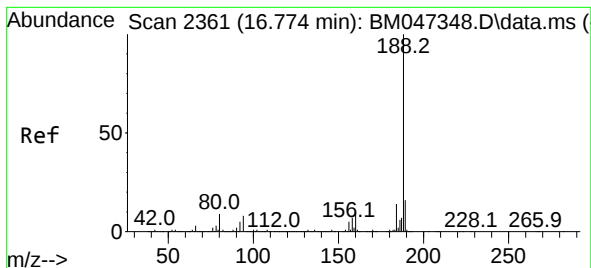
Tgt Ion:330 Resp: 541808
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 31.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 61.083 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047411.D
Acq: 30 Aug 2024 18:19

Tgt Ion:172 Resp: 2026961
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.0 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: BM047411.D

Acq: 30 Aug 2024 18:19

Instrument :

BNA_M

ClientSampleId :

239

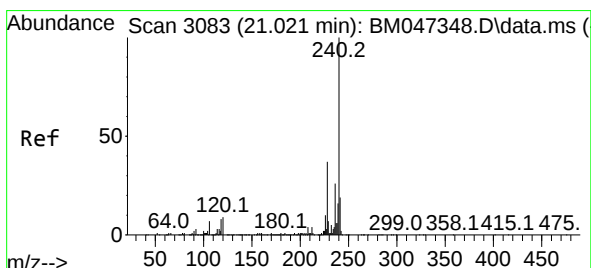
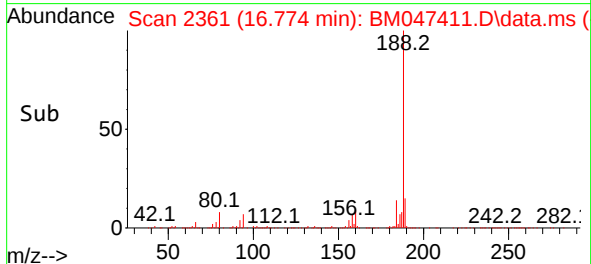
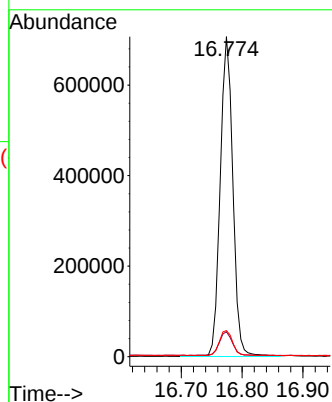
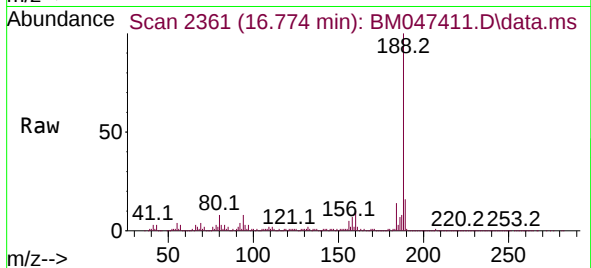
Tgt Ion:188 Resp: 1014259

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.1 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: BM047411.D

Acq: 30 Aug 2024 18:19

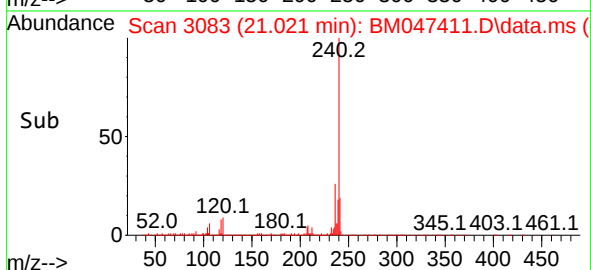
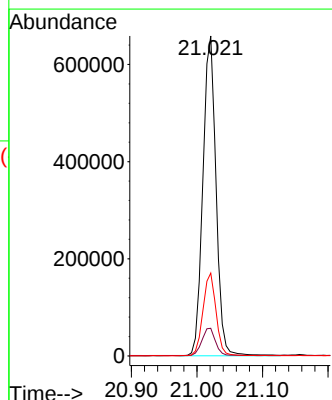
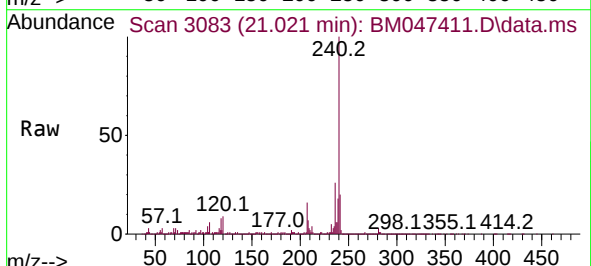
Tgt Ion:240 Resp: 919835

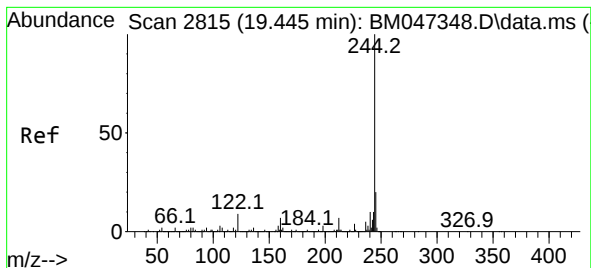
Ion Ratio Lower Upper

240 100

120 8.7 7.4 11.0

236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 56.196 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047411.D

Acq: 30 Aug 2024 18:19

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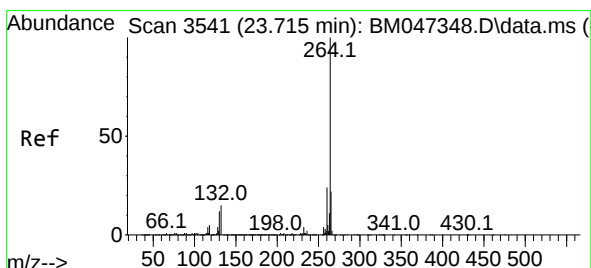
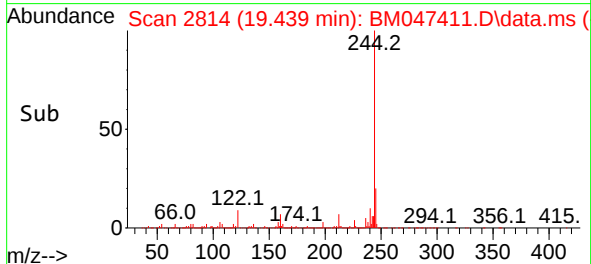
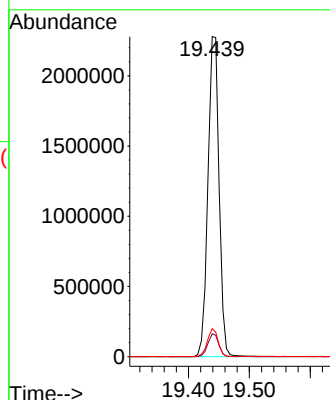
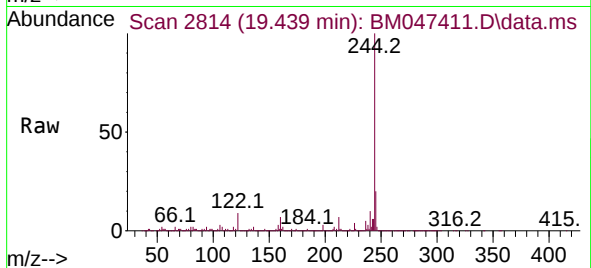
Tgt Ion:244 Resp: 2904087

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.8 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: BM047411.D

Acq: 30 Aug 2024 18:19

Tgt Ion:264 Resp: 1085274

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.4 17.8 26.6

