

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048234.D
 Acq On : 25 Oct 2024 13:38
 Operator : RC/JU
 Sample : PB164401BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164401BL

Quant Time: Oct 25 14:31:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	229916	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	860640	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	505079	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	948134	20.000	ng	0.00
76) Chrysene-d12	21.333	240	738347	20.000	ng	0.00
86) Perylene-d12	24.280	264	773041	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1968637	143.929	ng	0.00
7) Phenol-d6	6.898	99	2372837	133.209	ng	0.00
23) Nitrobenzene-d5	8.875	82	1390081	91.197	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	763556	123.509	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	3051771	92.717	ng	0.00
79) Terphenyl-d14	19.733	244	3732272	103.157	ng	0.00

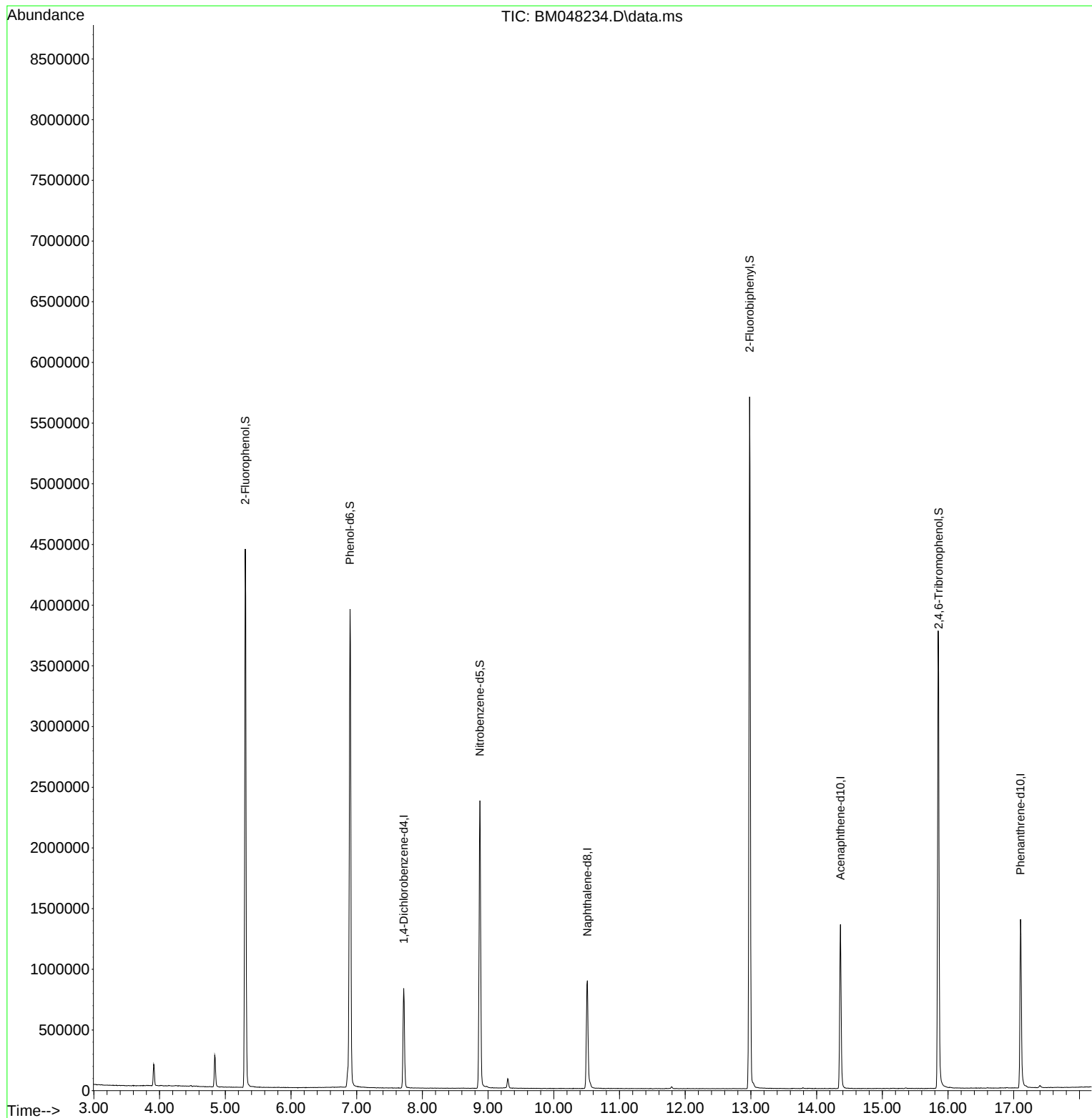
Target Compounds Qvalue

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

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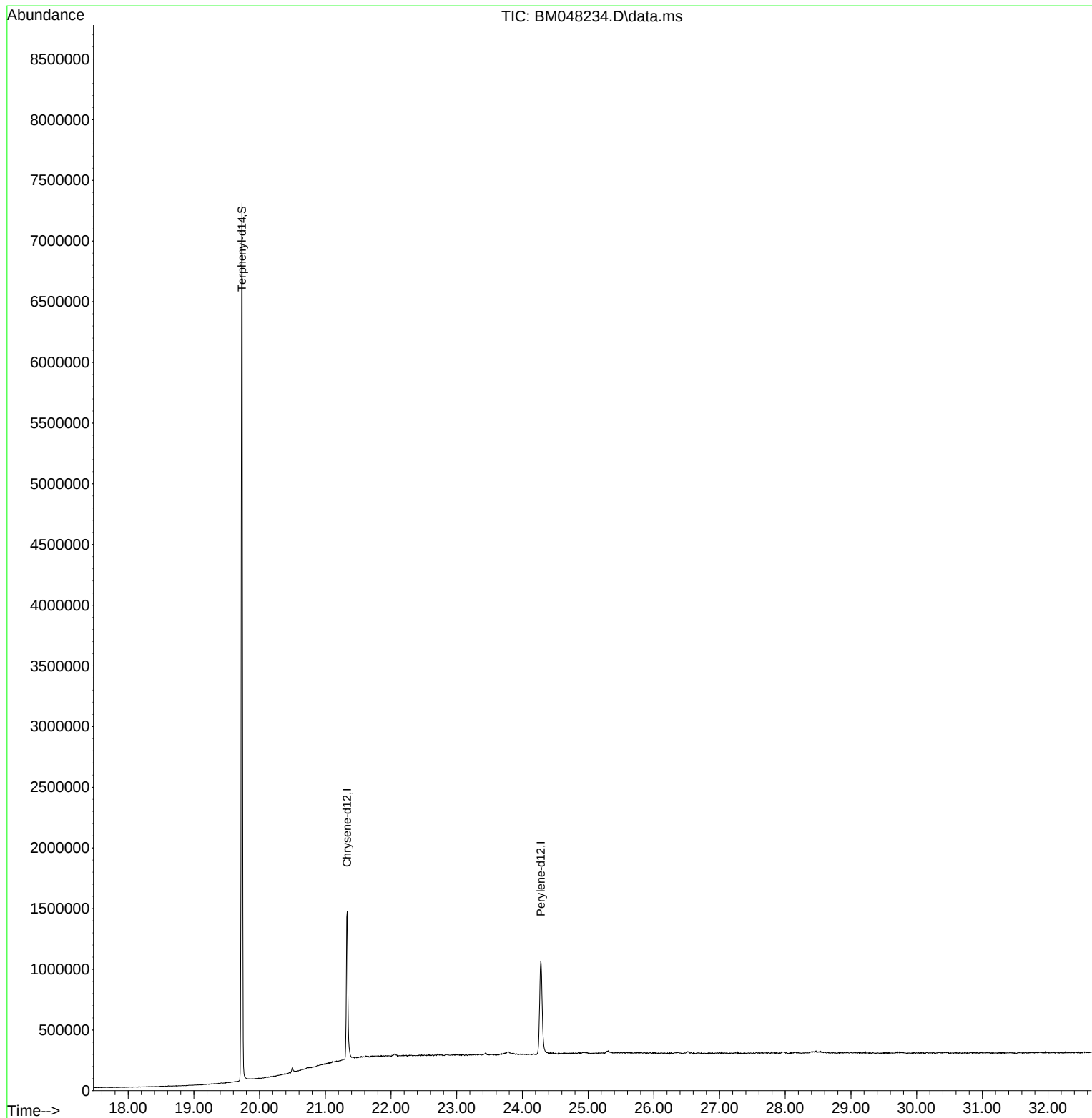
Quant Time: Oct 25 14:31:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
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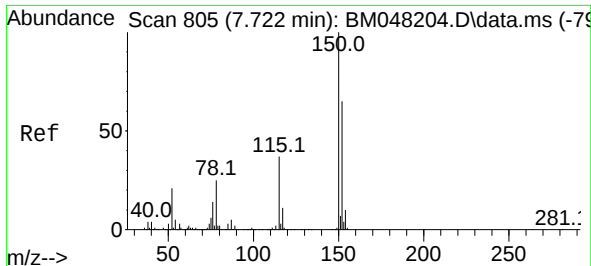


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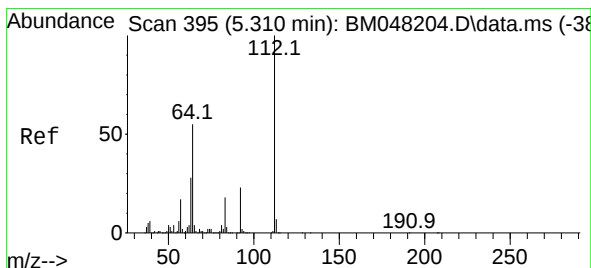
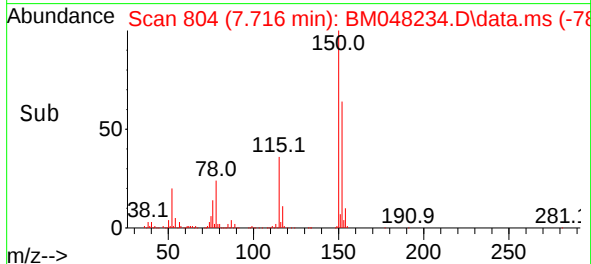
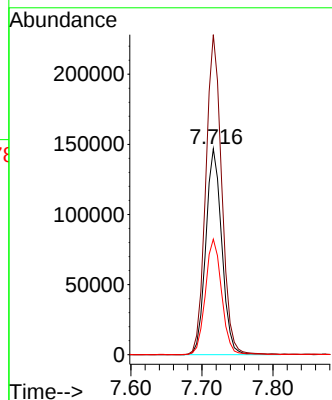
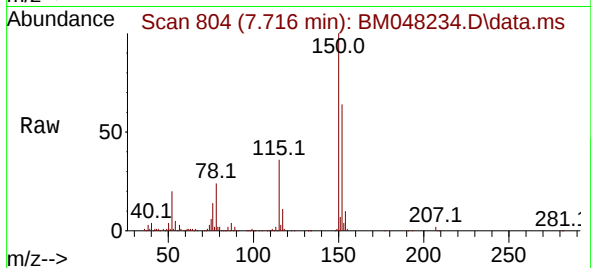




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM048234.D
Acq: 25 Oct 2024 13:38

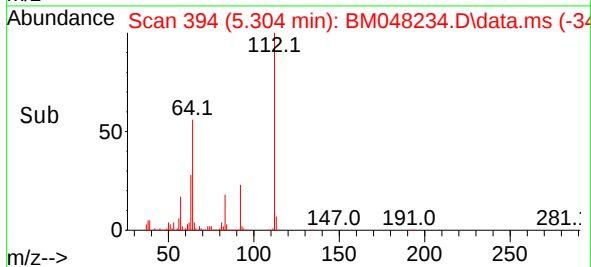
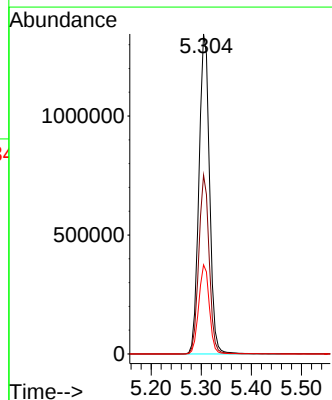
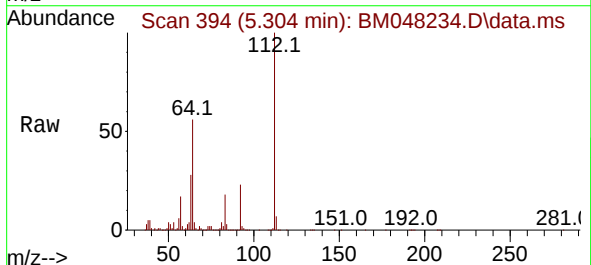
Instrument :
BNA_M
ClientSampleId :
PB164401BL

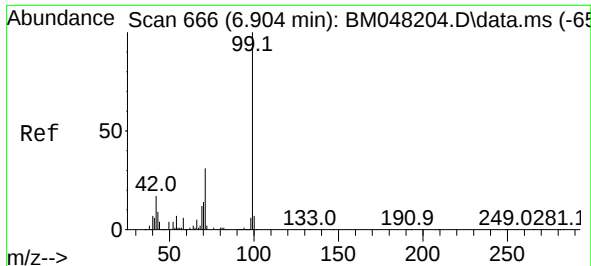
Tgt Ion:152 Resp: 229916
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.6
115 56.1 45.8 68.6



#5
2-Fluorophenol
Concen: 143.929 ng
RT: 5.304 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM048234.D
Acq: 25 Oct 2024 13:38

Tgt Ion:112 Resp: 1968637
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 27.9 22.7 34.1

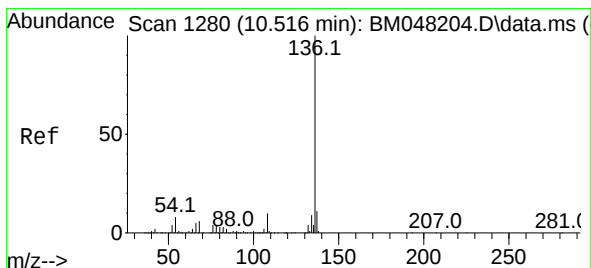
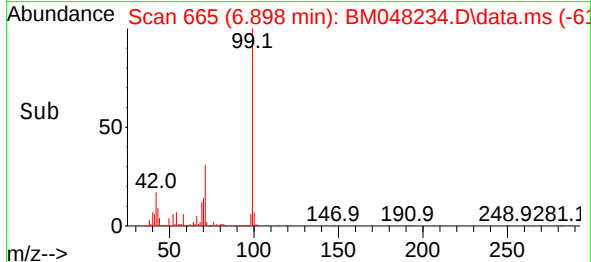
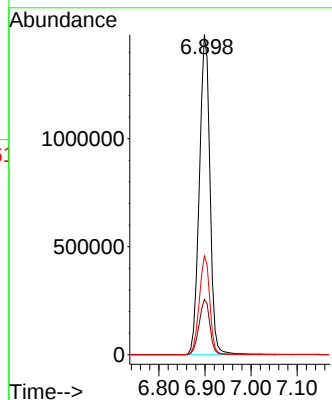
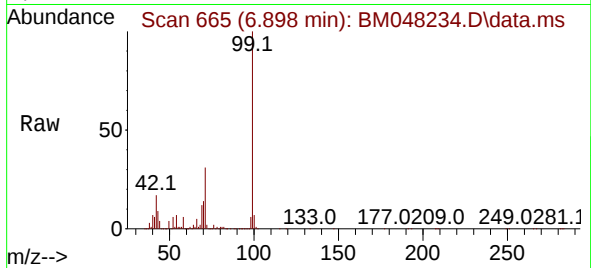




#7
Phenol-d6
Concen: 133.209 ng
RT: 6.898 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM048234.D
Acq: 25 Oct 2024 13:38

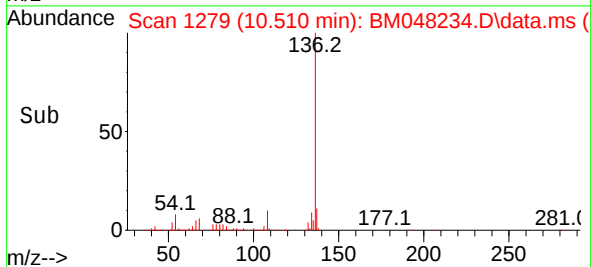
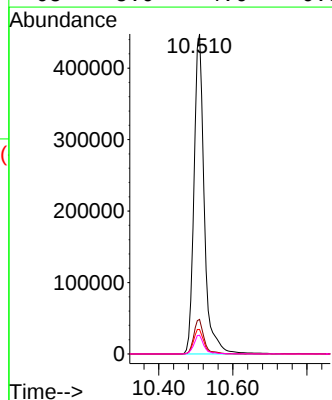
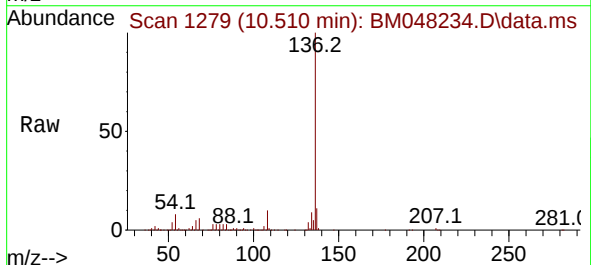
Instrument :
BNA_M
ClientSampleId :
PB164401BL

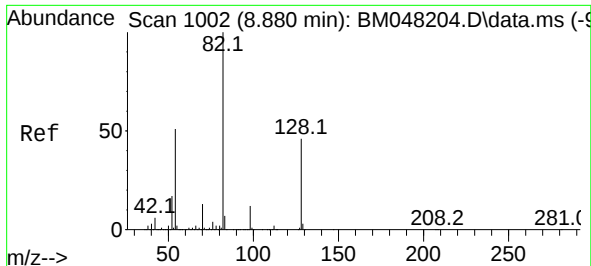
Tgt Ion: 99 Resp: 2372837
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.8
71 30.8 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM048234.D
Acq: 25 Oct 2024 13:38

Tgt Ion:136 Resp: 860640
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 6.5 9.7
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.197 ng

RT: 8.875 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM048234.D

Acq: 25 Oct 2024 13:38

Instrument :

BNA_M

ClientSampleId :

PB164401BL

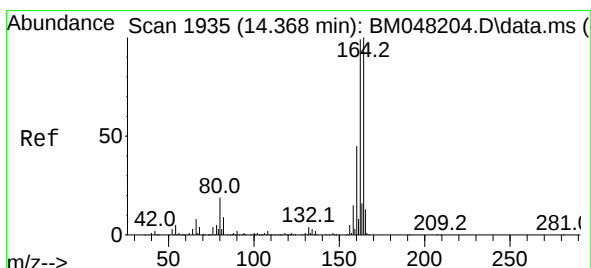
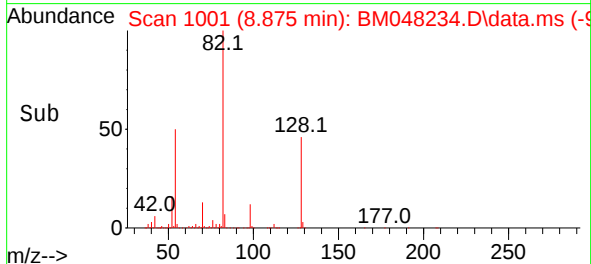
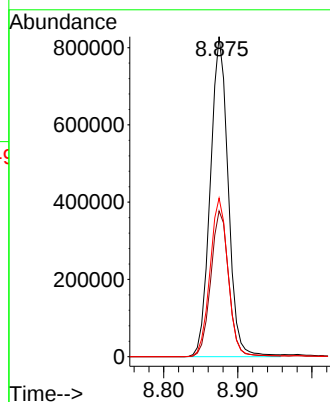
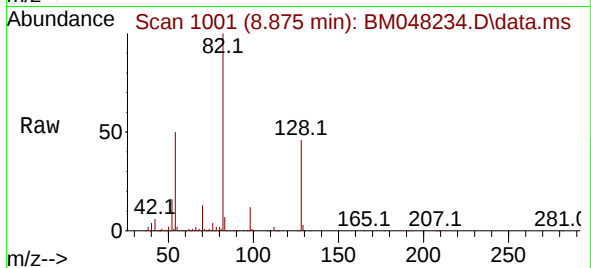
Tgt Ion: 82 Resp: 1390081

Ion Ratio Lower Upper

82 100

128 45.6 36.6 54.8

54 49.5 41.0 61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.363 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BM048234.D

Acq: 25 Oct 2024 13:38

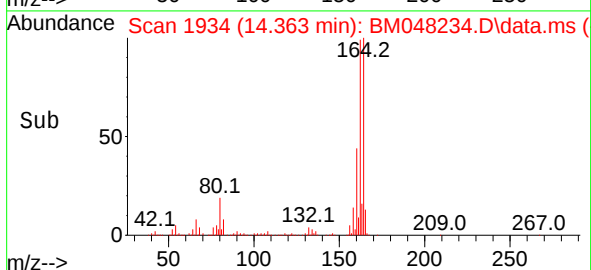
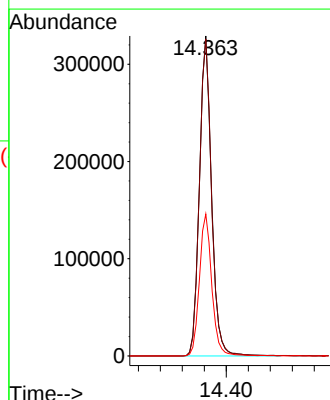
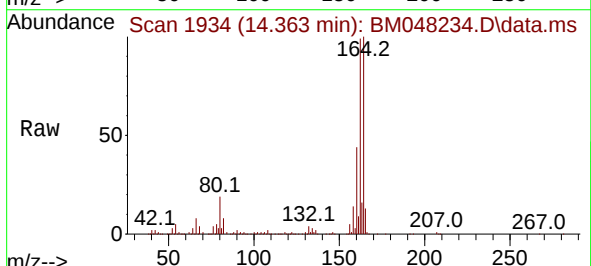
Tgt Ion:164 Resp: 505079

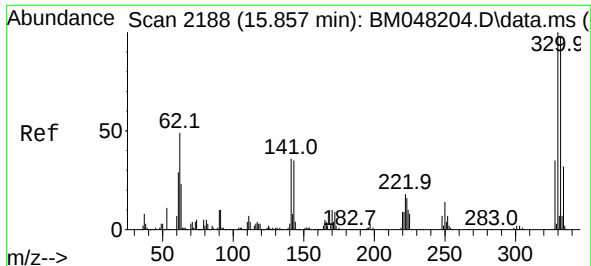
Ion Ratio Lower Upper

164 100

162 99.1 79.1 118.7

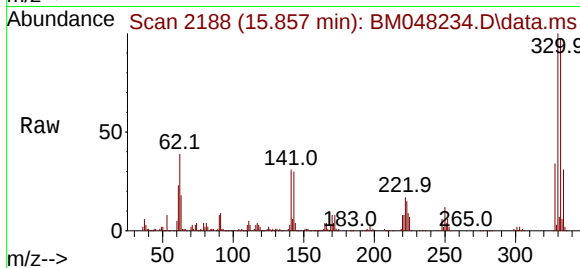
160 44.4 35.8 53.8



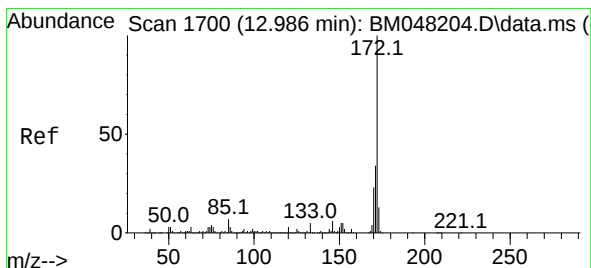
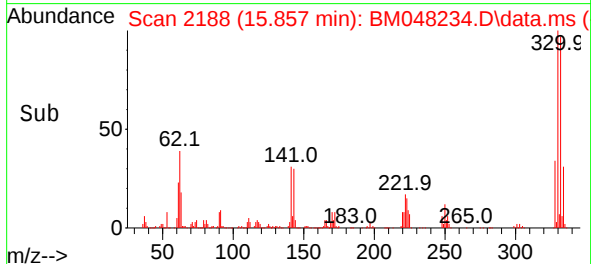
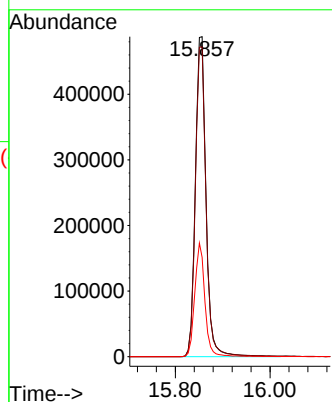


#42
2,4,6-Tribromophenol
Concen: 123.509 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048234.D
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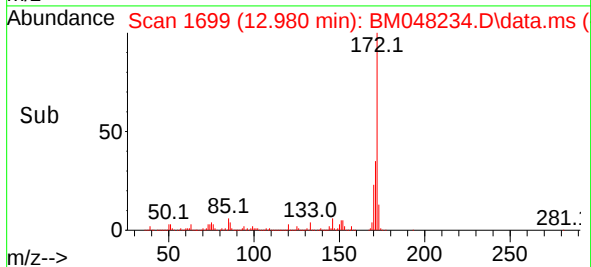
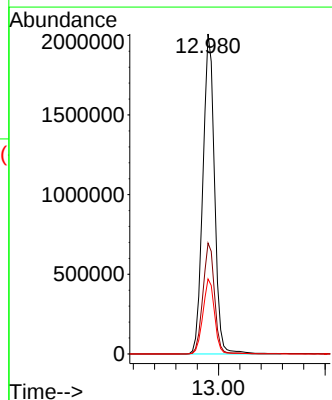
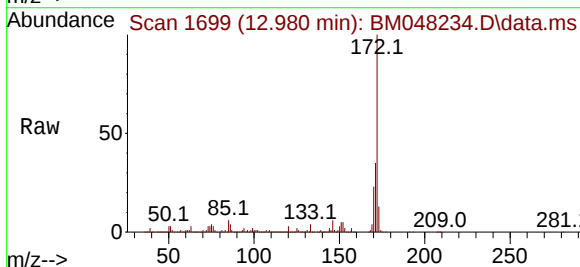


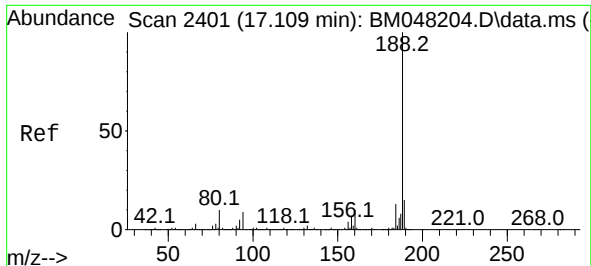
Tgt Ion:330 Resp: 763556
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 33.9 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 92.717 ng
RT: 12.980 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM048234.D
Acq: 25 Oct 2024 13:38

Tgt Ion:172 Resp: 3051771
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.5 18.5 27.7

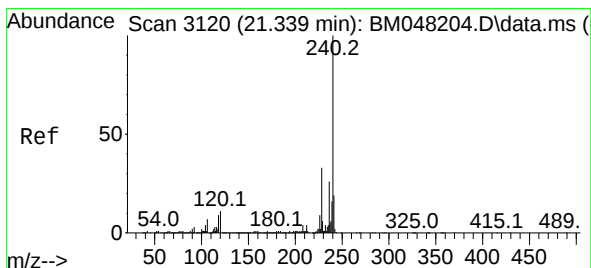
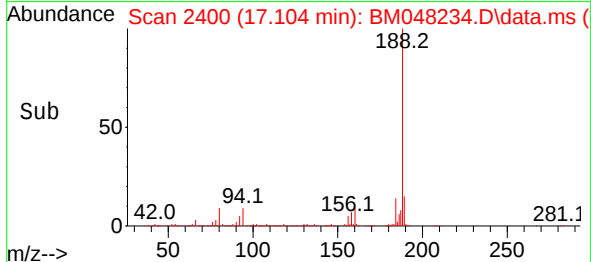
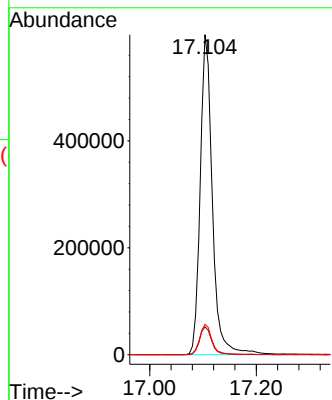
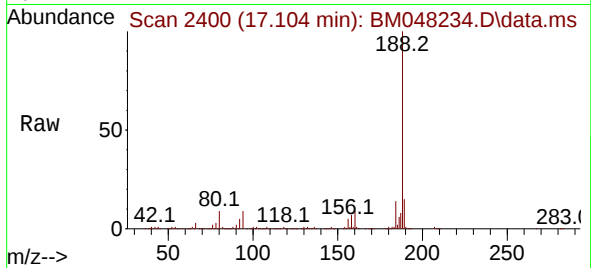




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048234.D
Acq: 25 Oct 2024 13:38

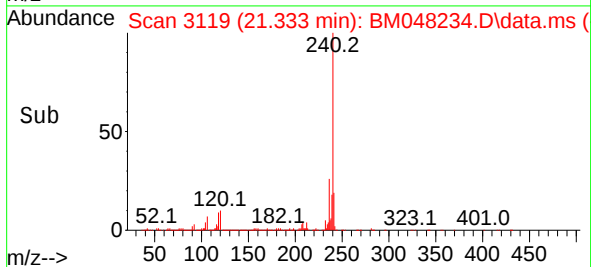
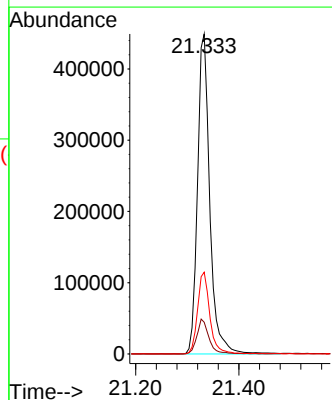
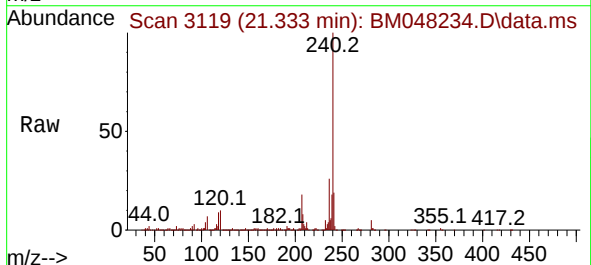
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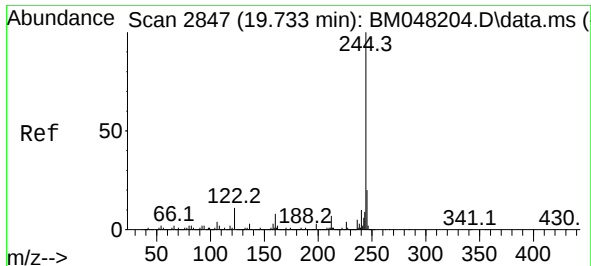
Tgt Ion:188 Resp: 948134
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048234.D
Acq: 25 Oct 2024 13:38

Tgt Ion:240 Resp: 738347
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 25.5 20.7 31.1

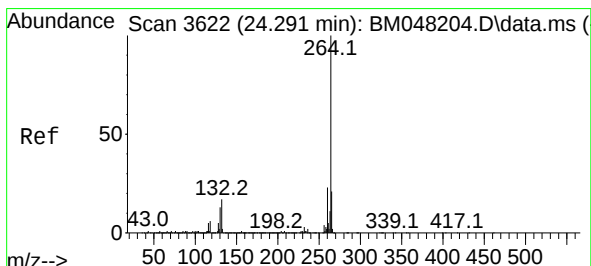
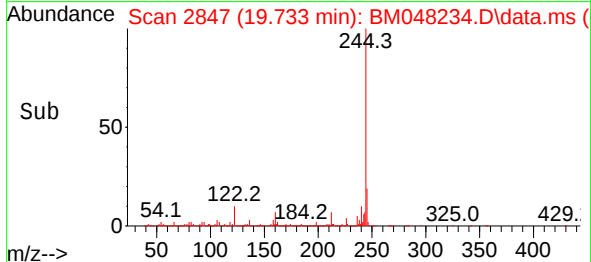
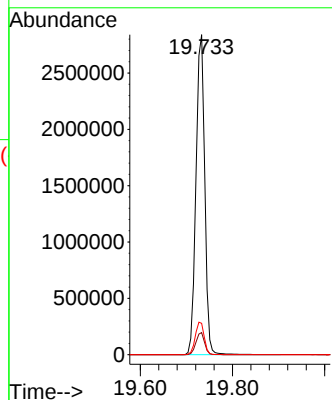
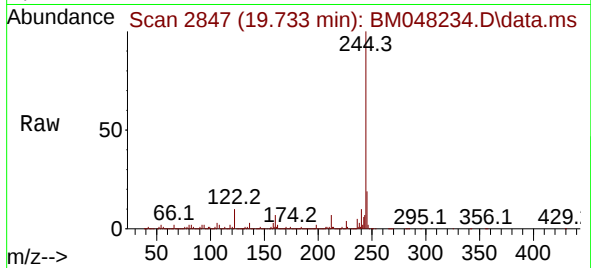




#79
 Terphenyl-d14
 Concen: 103.157 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048234.D
 Acq: 25 Oct 2024 13:38

Instrument :
 BNA_M
 ClientSampleId :
 PB164401BL

Tgt Ion:244 Resp: 3732272
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.280 min Scan# 3620
 Delta R.T. -0.012 min
 Lab File: BM048234.D
 Acq: 25 Oct 2024 13:38

Tgt Ion:264 Resp: 773041
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.2 17.4 26.2

