

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049928.D
 Acq On : 15 Apr 2025 10:36
 Operator : RC/JU
 Sample : PB167577BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167577BL

Quant Time: Apr 15 12:06:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

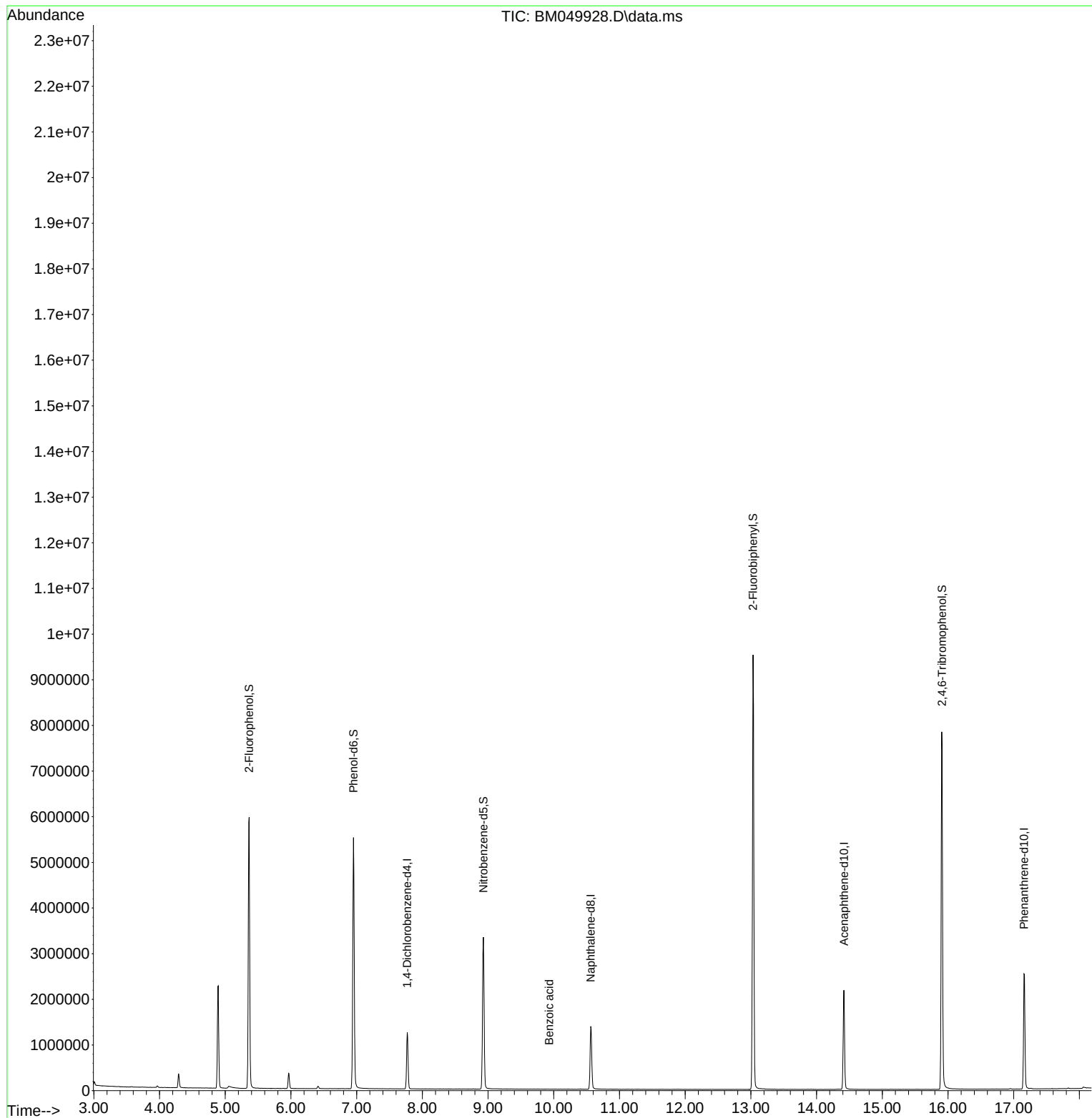
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	362569	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1228778	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	804850	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1634889	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1570374	20.000	ng	0.00
86) Perylene-d12	24.398	264	1676054	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	2761700	129.343	ng	0.00
7) Phenol-d6	6.952	99	3327640	125.262	ng	0.00
23) Nitrobenzene-d5	8.928	82	1978305	89.652	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1707234	145.832	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	5260274	88.625	ng	-0.01
79) Terphenyl-d14	19.786	244	9216722	109.990	ng	0.00
Target Compounds						
32) Benzoic acid	9.928	122	55	8.541	ng	Qvalue # 1

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

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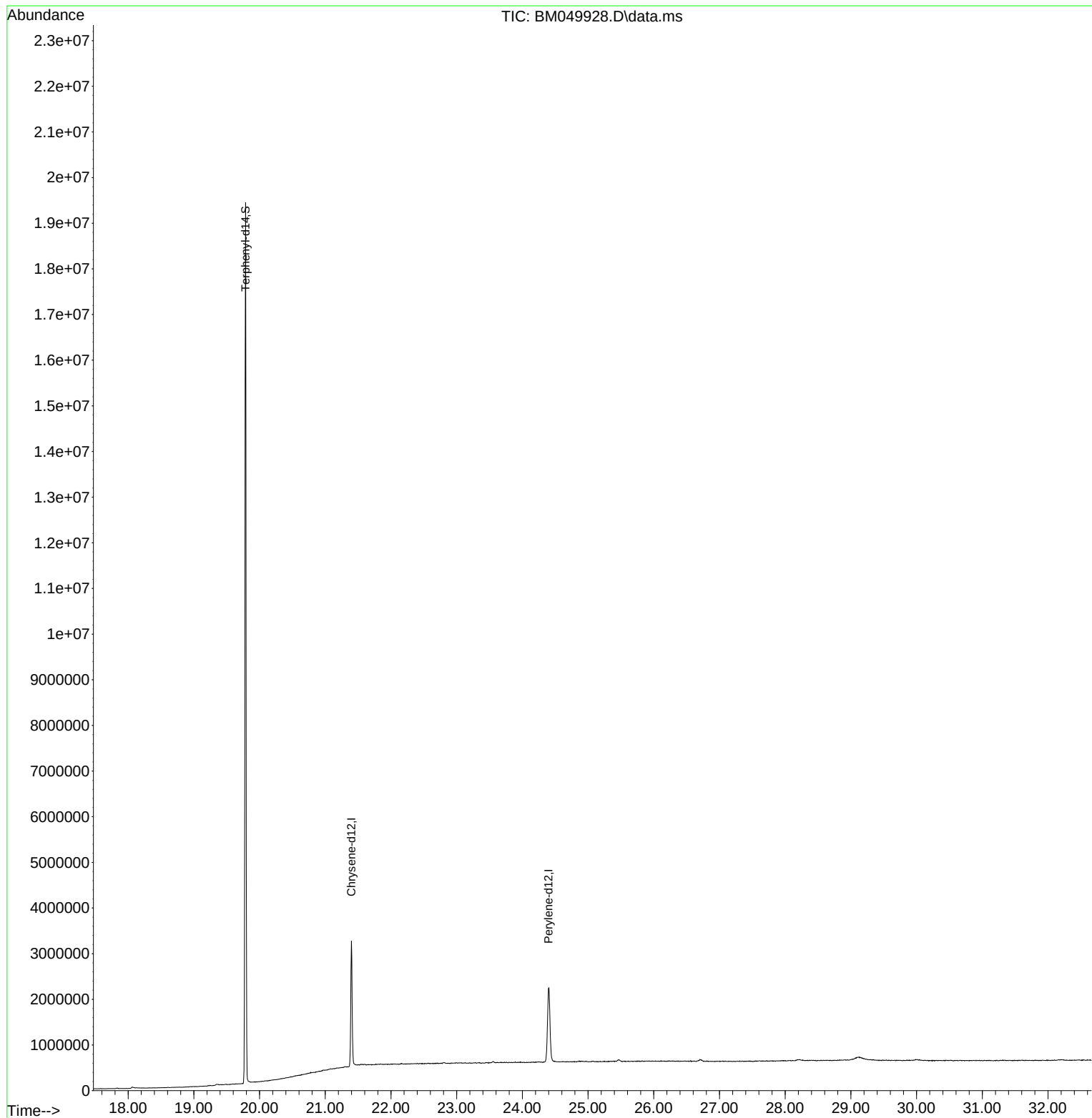
Quant Time: Apr 15 12:06:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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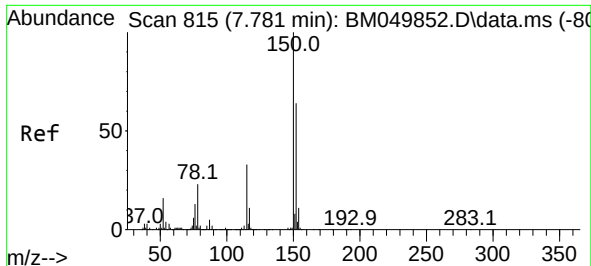


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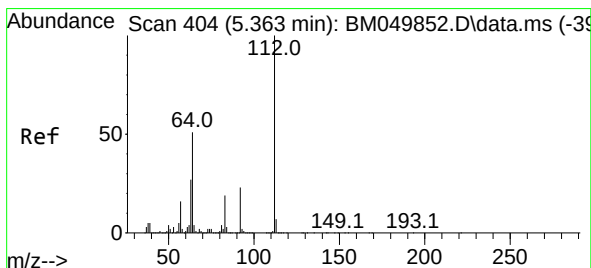
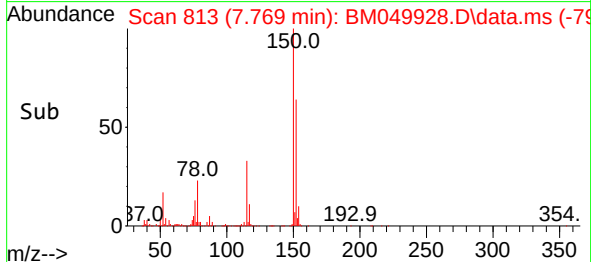
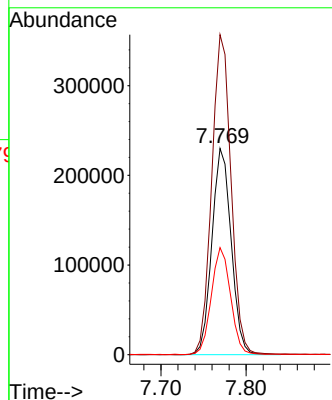
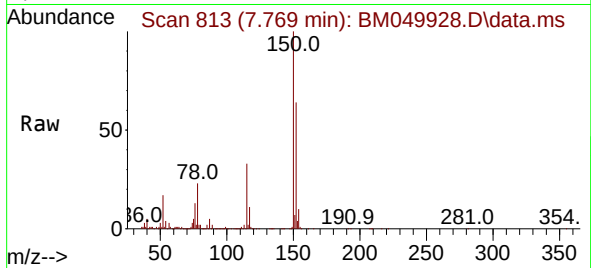




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

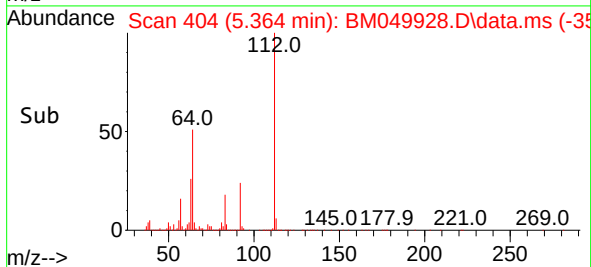
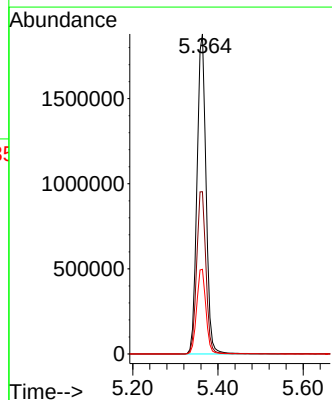
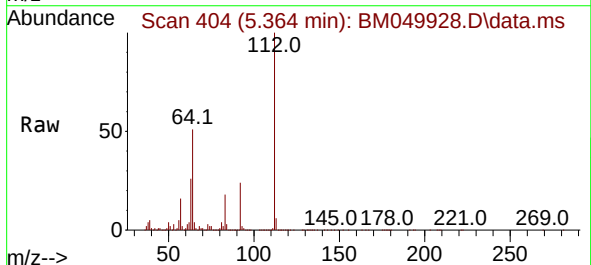
Instrument :
BNA_M
ClientSampleId :
PB167577BL

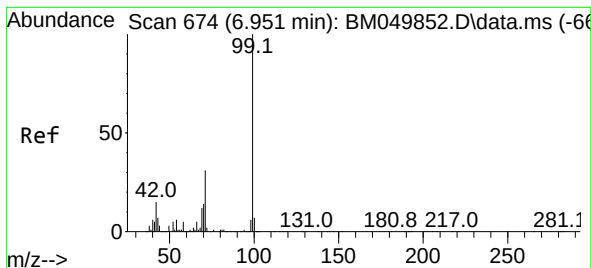
Tgt Ion:152 Resp: 362569
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 51.9 41.1 61.7



#5
2-Fluorophenol
Concen: 129.343 ng
RT: 5.364 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

Tgt Ion:112 Resp: 2761700
Ion Ratio Lower Upper
112 100
64 50.7 41.0 61.6
63 26.4 21.5 32.3





#7

Phenol-d6

Concen: 125.262 ng

RT: 6.952 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049928.D

Acq: 15 Apr 2025 10:36

Instrument :

BNA_M

ClientSampleId :

PB167577BL

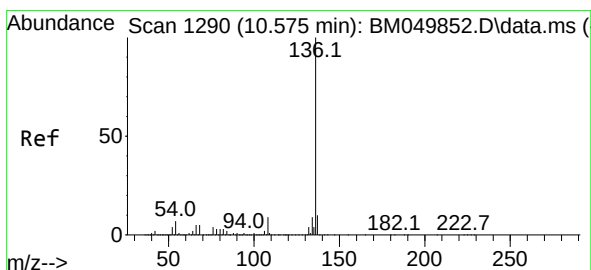
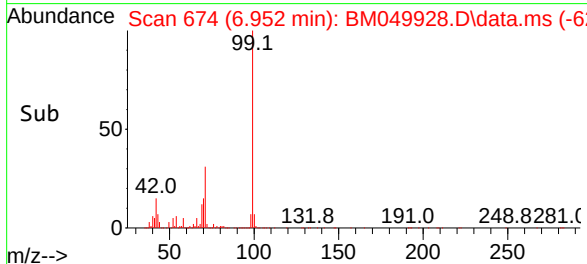
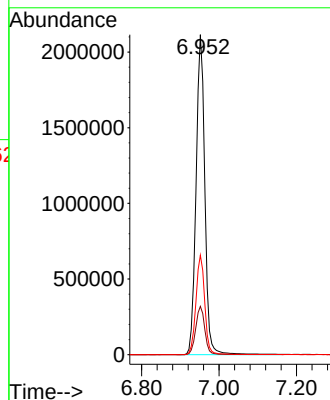
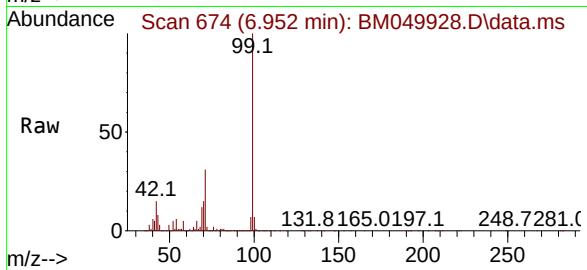
Tgt Ion: 99 Resp: 3327640

Ion Ratio Lower Upper

99 100

42 15.1 12.1 18.1

71 31.1 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. -0.011 min

Lab File: BM049928.D

Acq: 15 Apr 2025 10:36

Tgt Ion: 136 Resp: 1228778

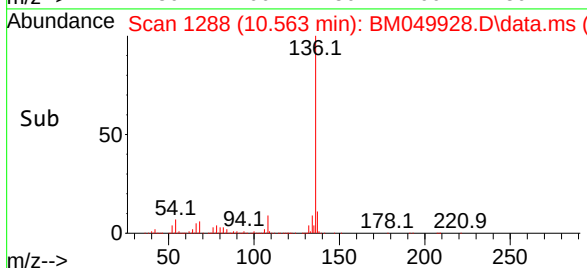
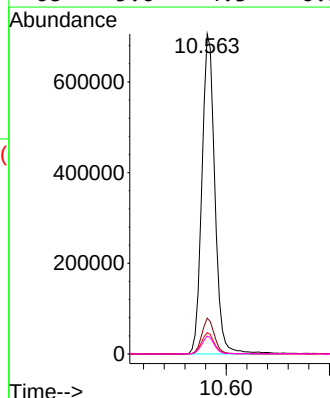
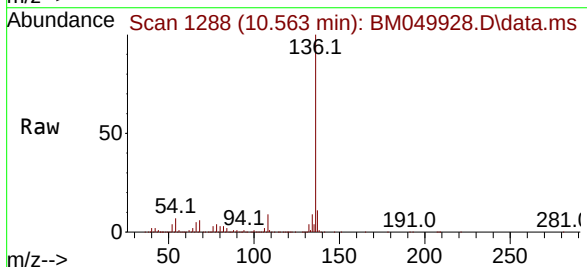
Ion Ratio Lower Upper

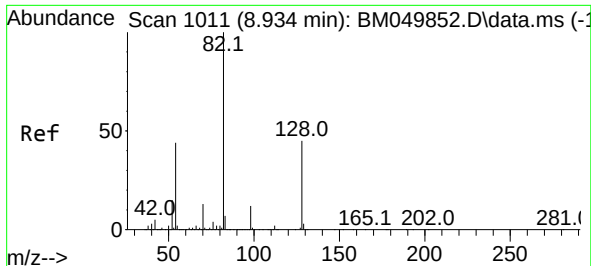
136 100

137 11.2 8.4 12.6

54 6.7 5.3 7.9

68 5.6 4.3 6.5

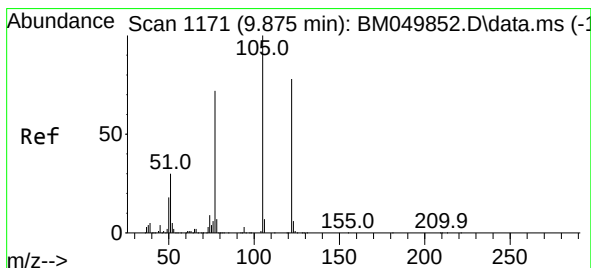
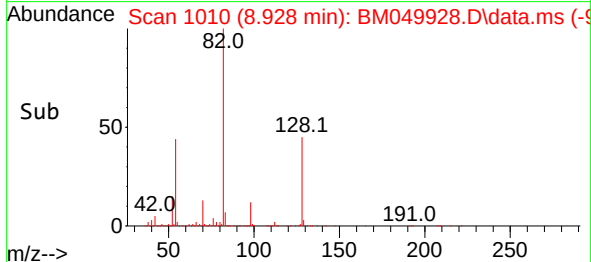
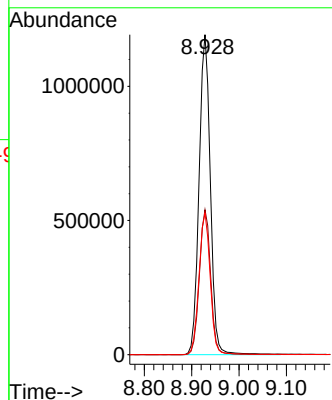
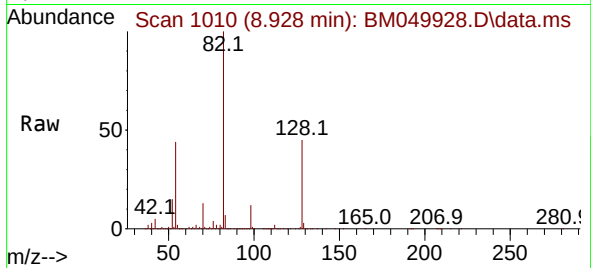




#23
Nitrobenzene-d5
Concen: 89.652 ng
RT: 8.928 min Scan# 1180
Delta R.T. -0.005 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

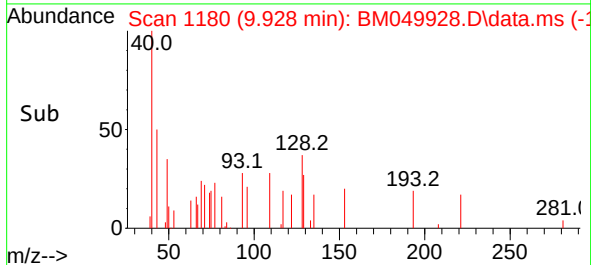
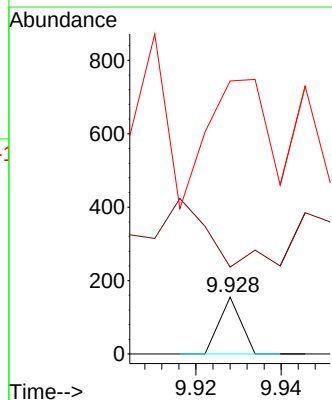
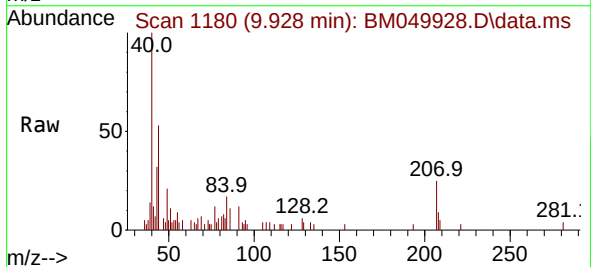
Instrument :
BNA_M
ClientSampleId :
PB167577BL

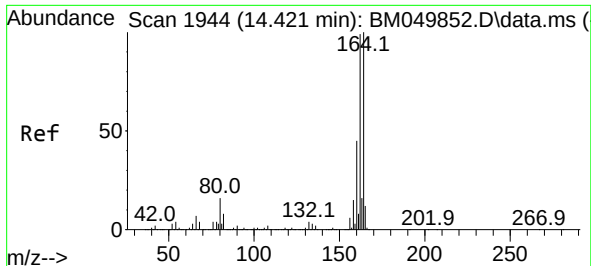
Tgt Ion: 82 Resp: 1978305
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.2
54 44.2 35.0 52.6



#32
Benzoic acid
Concen: 8.541 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.053 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

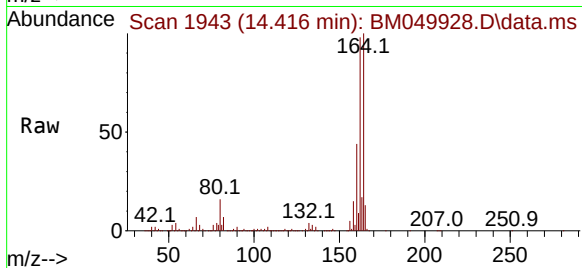
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 152.9 103.8 143.8#
77 480.0 70.7 110.7#



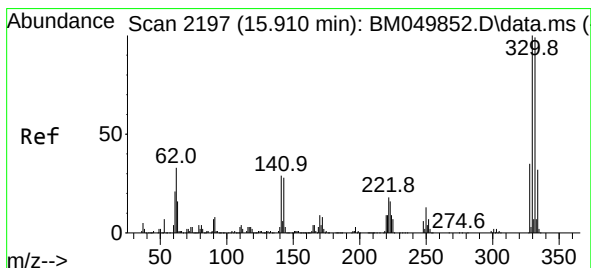
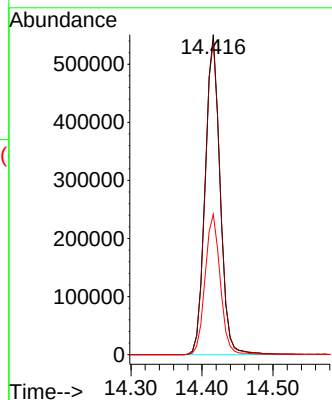
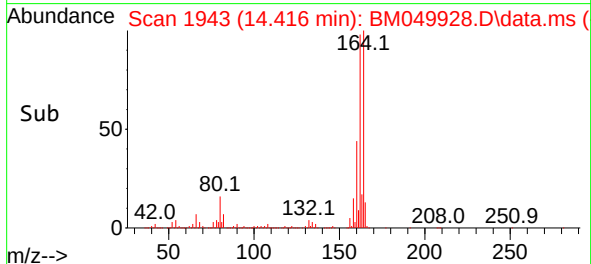


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

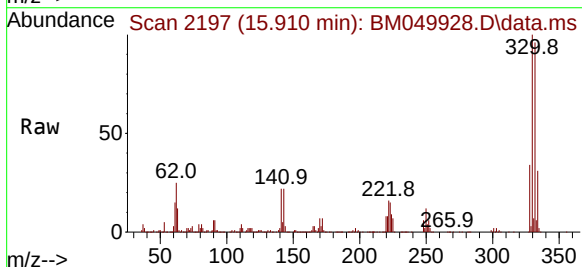
Instrument :
BNA_M
ClientSampleId :
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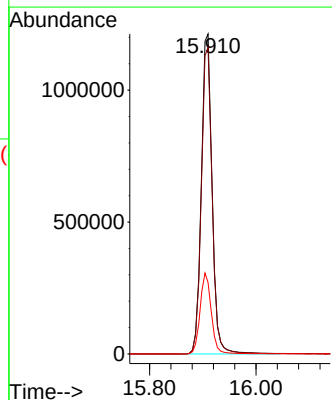
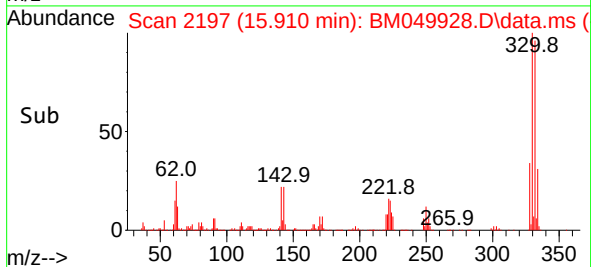
Tgt Ion:164 Resp: 804850
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.0
160 43.9 36.2 54.2

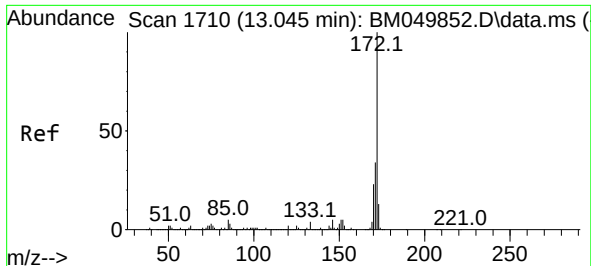


#42
2,4,6-Tribromophenol
Concen: 145.832 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36



Tgt Ion:330 Resp: 1707234
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 26.4 23.5 35.3

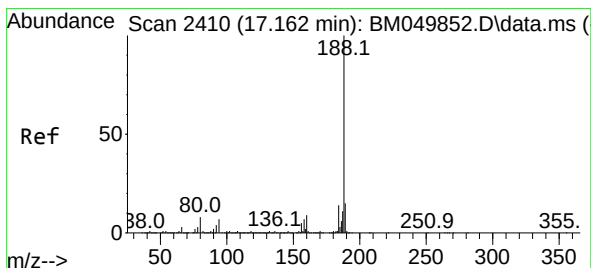
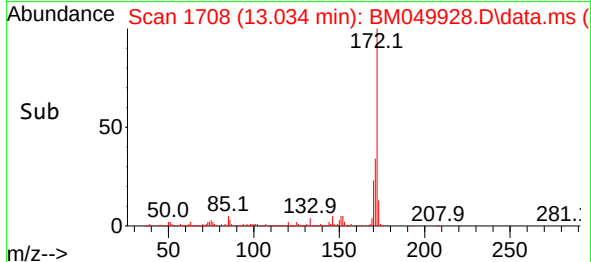
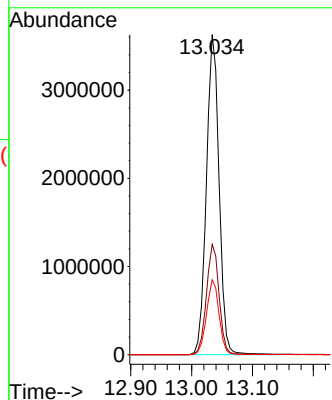
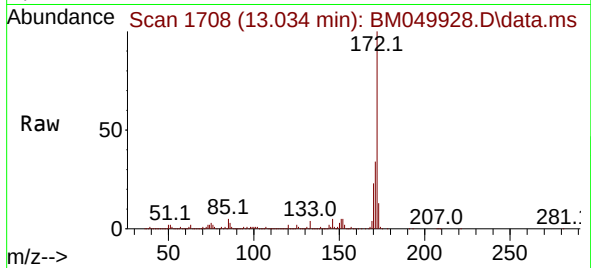




#45
2-Fluorobiphenyl
Concen: 88.625 ng
RT: 13.034 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

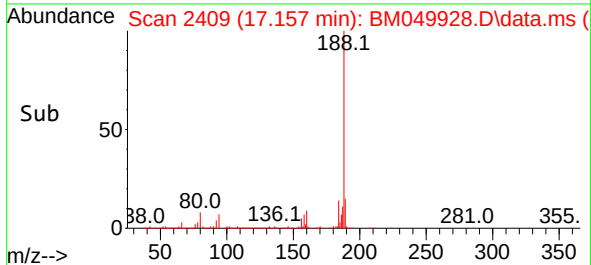
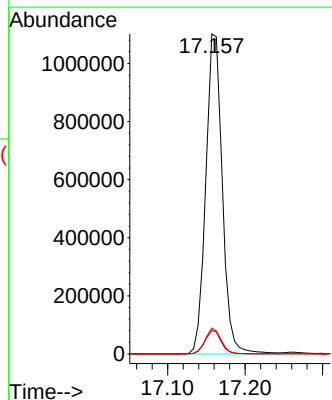
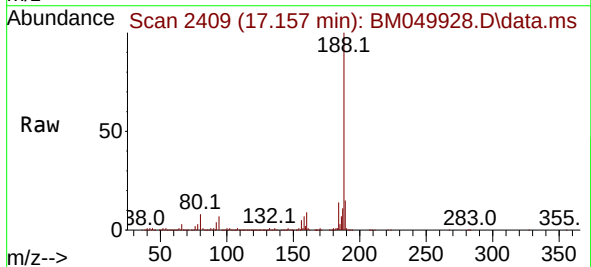
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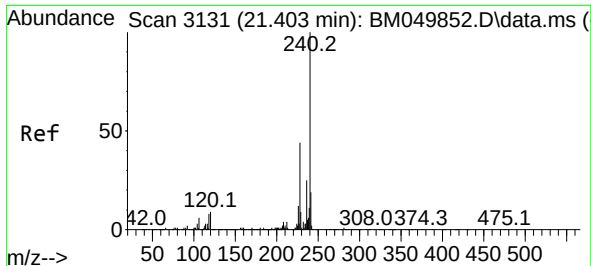
Tgt Ion:172 Resp: 5260274
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.2
170 23.4 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

Tgt Ion:188 Resp: 1634889
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.1 6.4 9.6

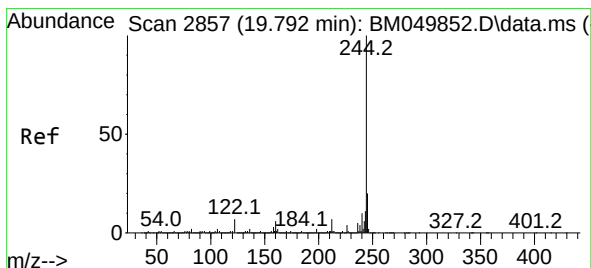
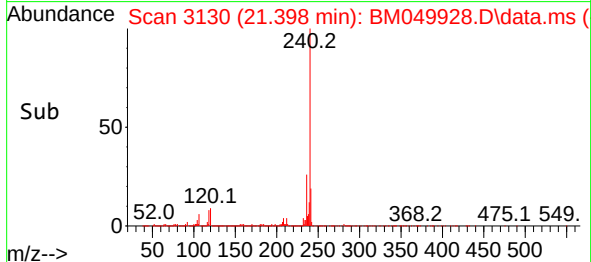
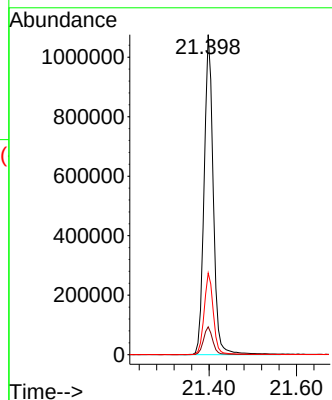
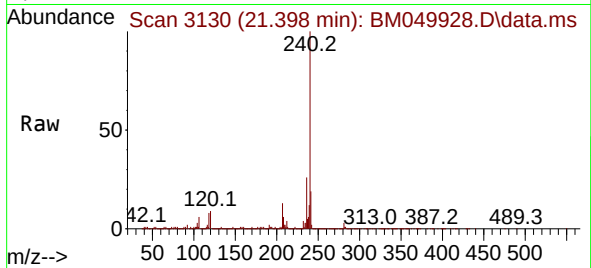




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

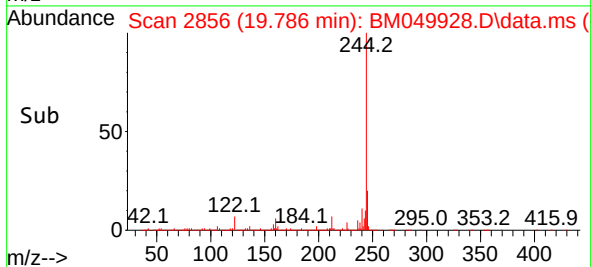
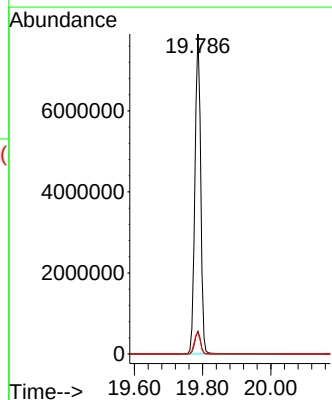
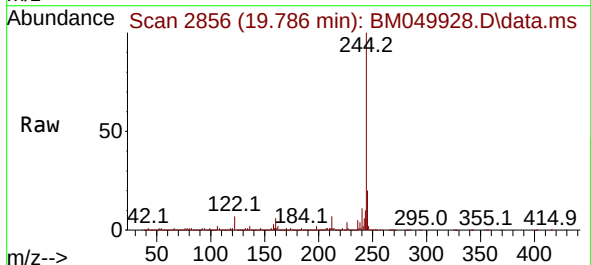
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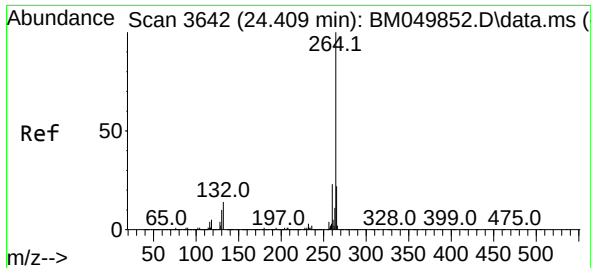
Tgt Ion:240 Resp: 1570374
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.5 20.4 30.6



#79
Terphenyl-d14
Concen: 109.990 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.005 min
Lab File: BM049928.D
Acq: 15 Apr 2025 10:36

Tgt Ion:244 Resp: 9216722
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 6.6 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.398 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BM049928.D
 Acq: 15 Apr 2025 10:36

Instrument :
 BNA_M
 ClientSampleId :
 PB167577BL

Tgt Ion:264 Resp: 1676054
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.0 17.8 26.8

