

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049911.D
 Acq On : 14 Apr 2025 13:09
 Operator : RC/JU
 Sample : PB167526BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167526BL

Quant Time: Apr 14 14:11:09 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)

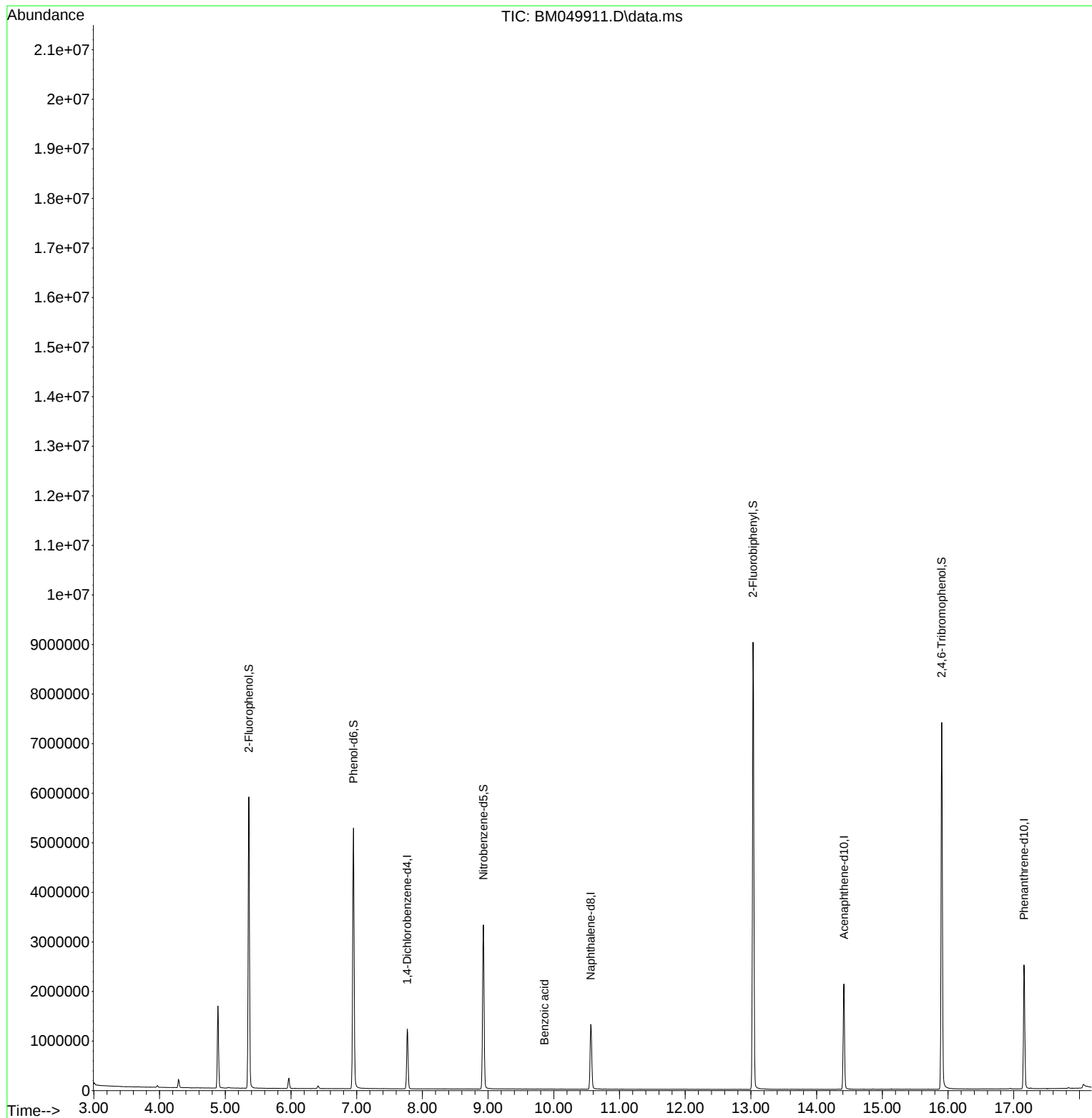
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	343014	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1183426	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	769691	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1528429	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1481778	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1591402	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2622715	129.836	ng	0.00
7) Phenol-d6	6.951	99	3150667	125.361	ng	0.00
23) Nitrobenzene-d5	8.928	82	1897683	89.294	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1581942	141.302	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5037971	88.757	ng	-0.01
79) Terphenyl-d14	19.786	244	8585466	108.583	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.857	122	111	8.544	ng	# 1

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

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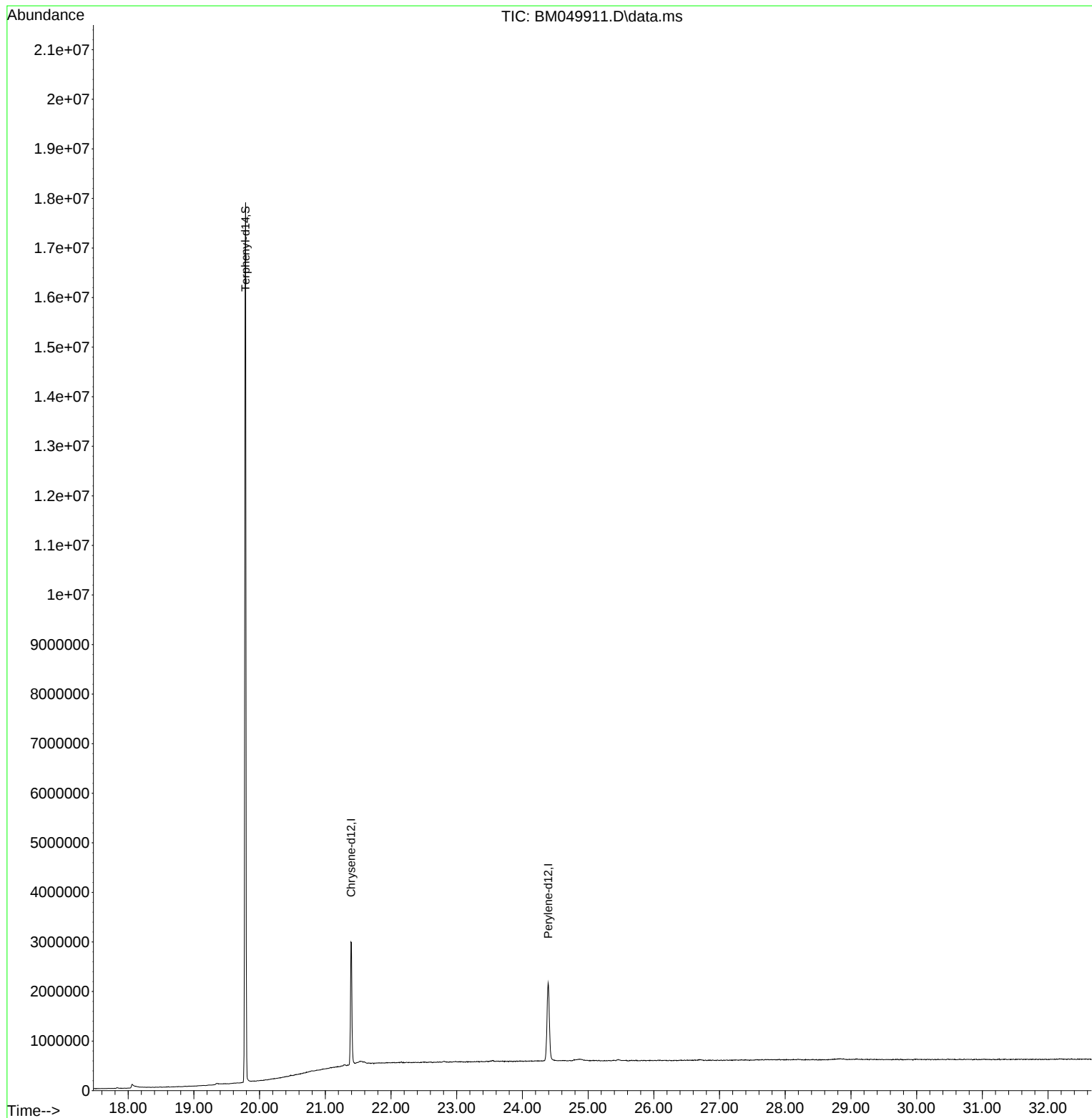
Quant Time: Apr 14 14:11:09 2025
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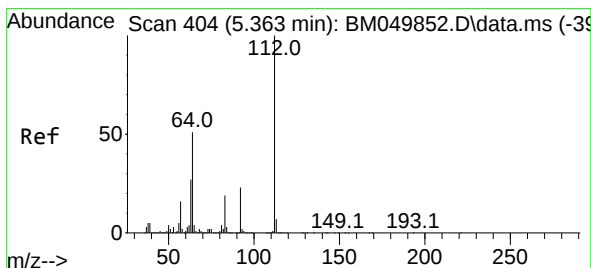
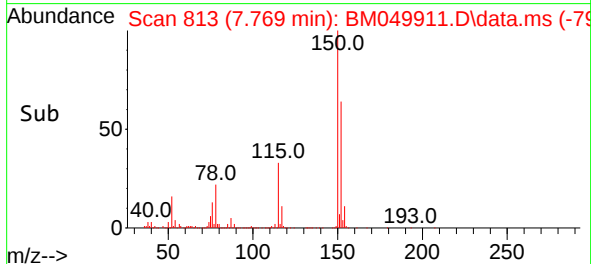
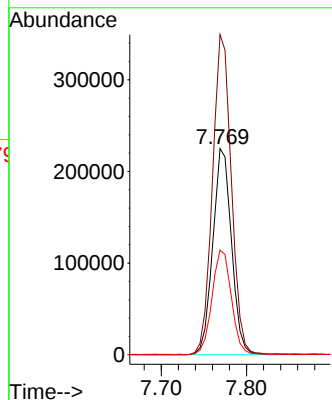
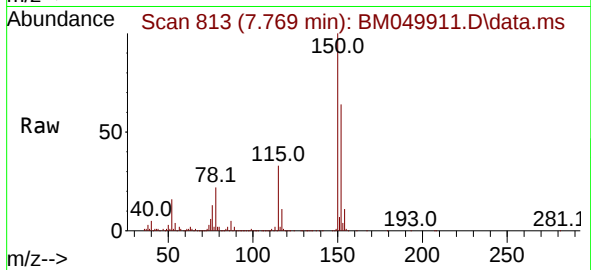




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

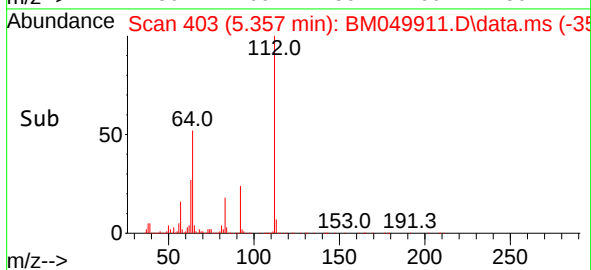
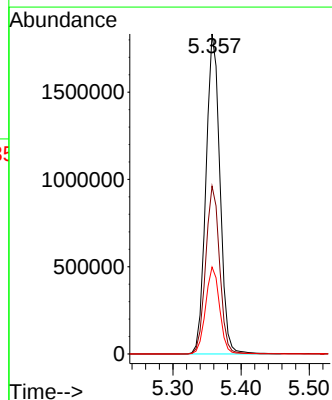
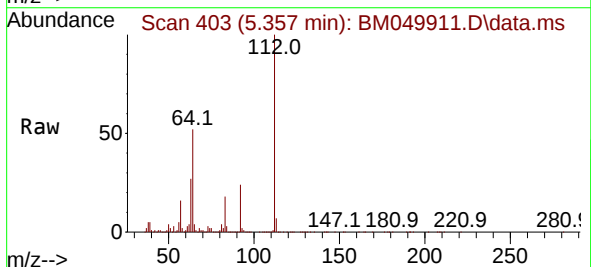
Instrument :
BNA_M
ClientSampleId :
PB167526BL

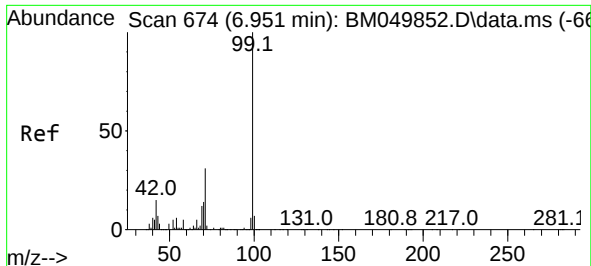
Tgt Ion:152 Resp: 343014
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 50.8 41.1 61.7



#5
2-Fluorophenol
Concen: 129.836 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:112 Resp: 2622715
Ion Ratio Lower Upper
112 100
64 52.4 41.0 61.6
63 27.1 21.5 32.3



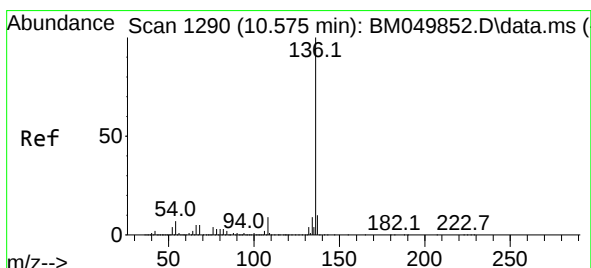
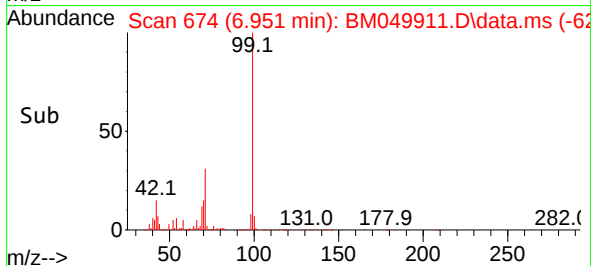
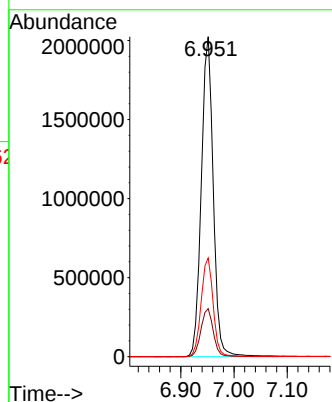
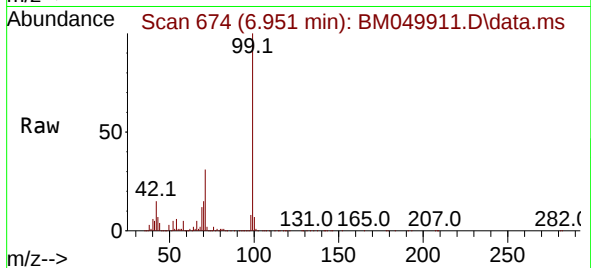


#7
Phenol-d6
Concen: 125.361 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Tgt Ion: 99 Resp: 3150667

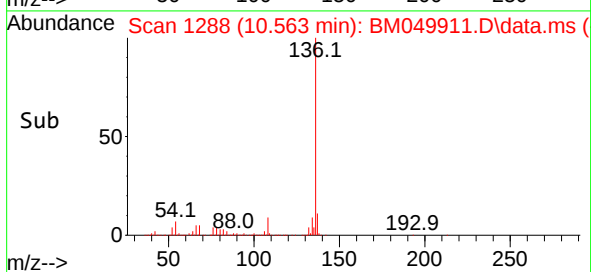
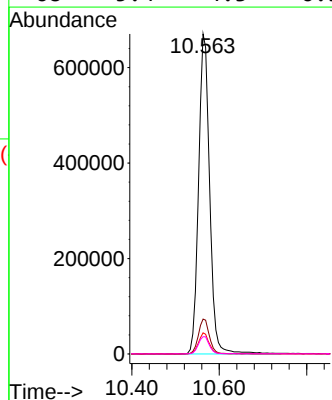
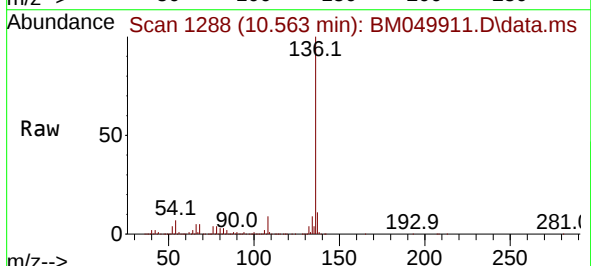
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.1	18.1
71	30.9	24.9	37.3

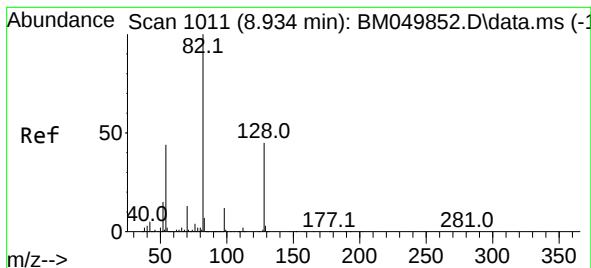


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion: 136 Resp: 1183426

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.6	5.3	7.9
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 89.294 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM049911.D

Acq: 14 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

PB167526BL

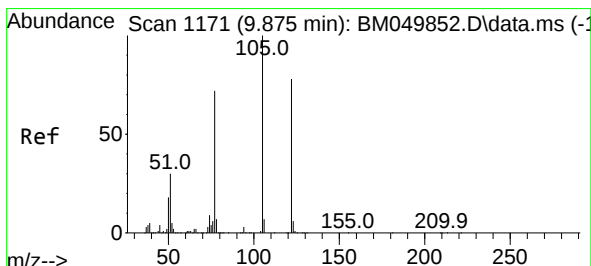
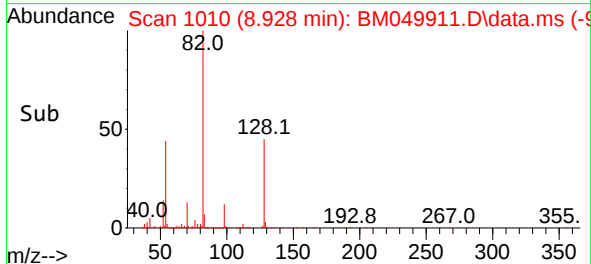
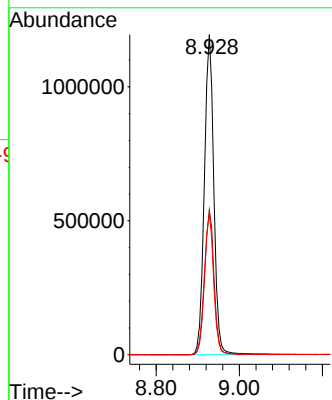
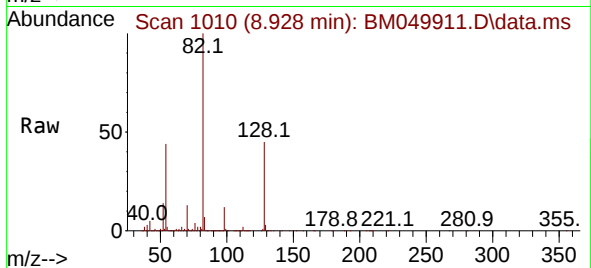
Tgt Ion: 82 Resp: 1897683

Ion Ratio Lower Upper

82 100

128 45.2 36.2 54.2

54 44.2 35.0 52.6



#32

Benzoic acid

Concen: 8.544 ng

RT: 9.857 min Scan# 1168

Delta R.T. -0.018 min

Lab File: BM049911.D

Acq: 14 Apr 2025 13:09

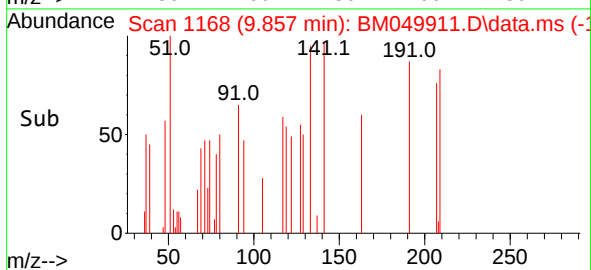
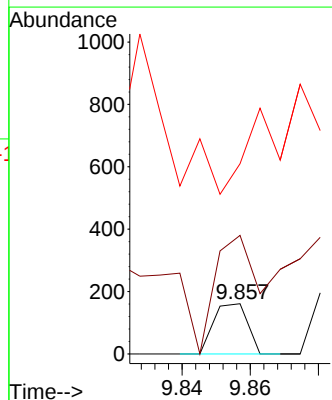
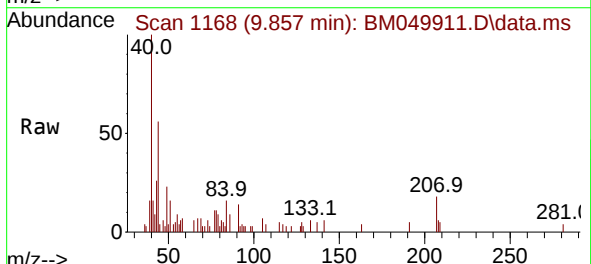
Tgt Ion:122 Resp: 111

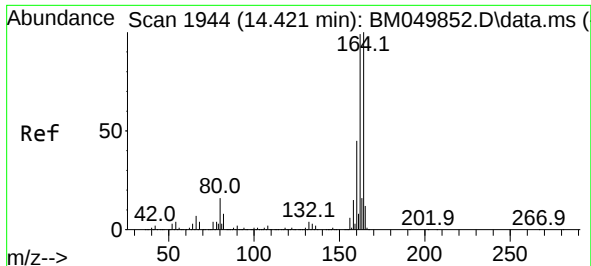
Ion Ratio Lower Upper

122 100

105 236.0 103.8 143.8#

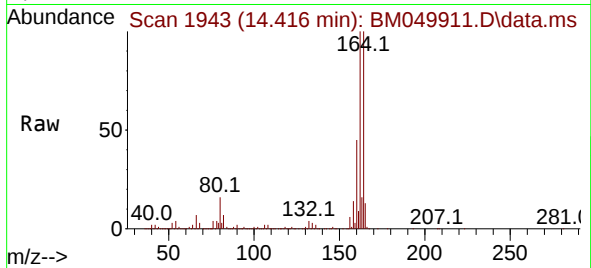
77 378.9 70.7 110.7#



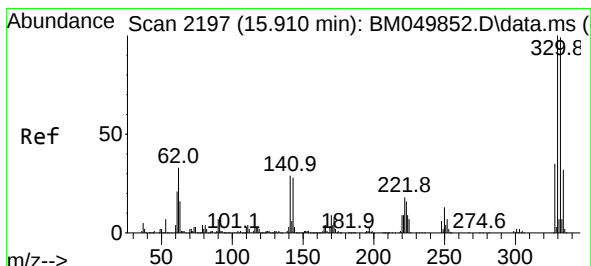
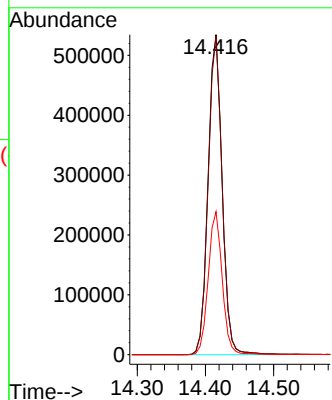
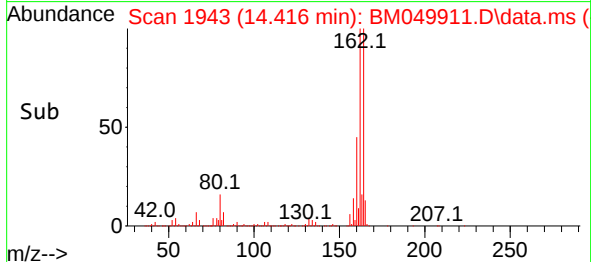


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

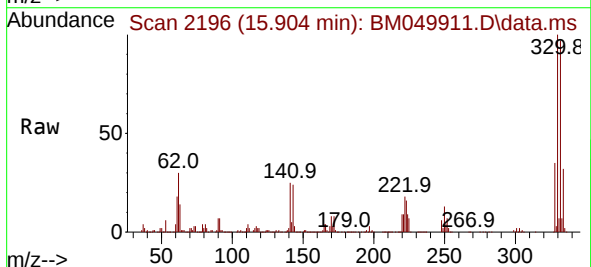
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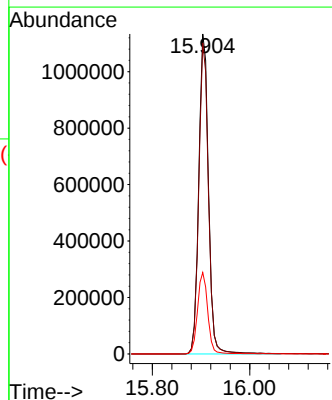
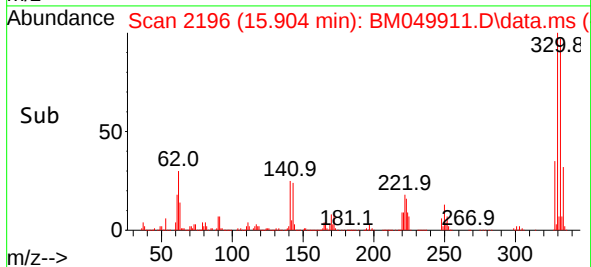
Tgt Ion:164 Resp: 769691
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 44.7 36.2 54.2

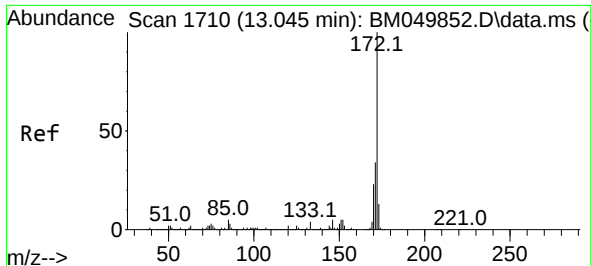


#42
2,4,6-Tribromophenol
Concen: 141.302 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09



Tgt Ion:330 Resp: 1581942
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 26.6 23.5 35.3

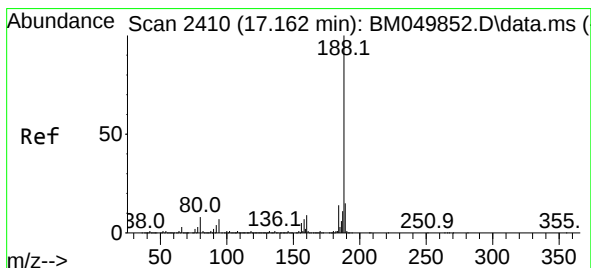
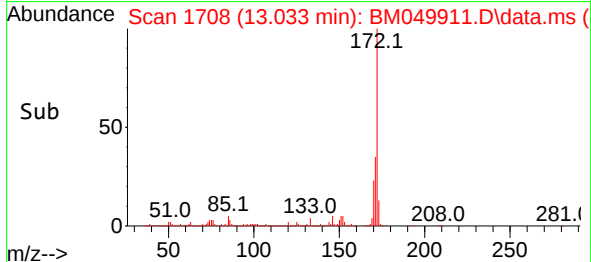
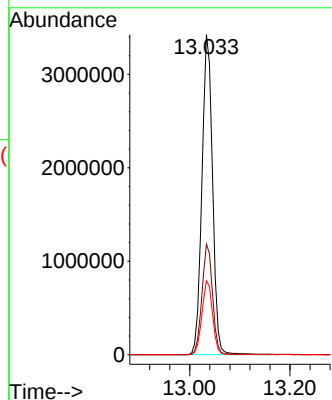
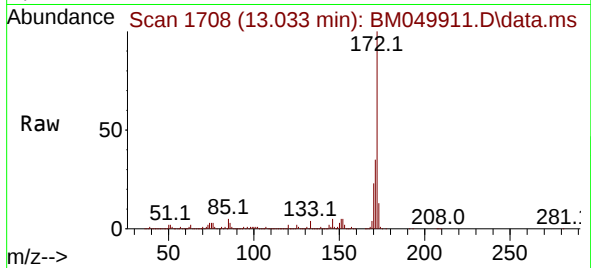




#45
2-Fluorobiphenyl
Concen: 88.757 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

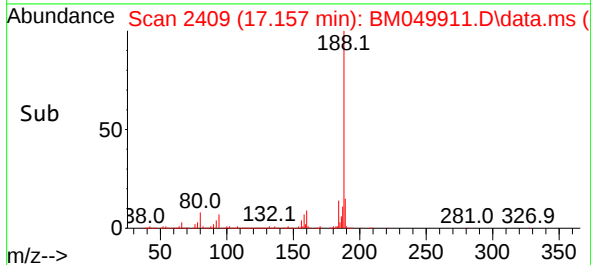
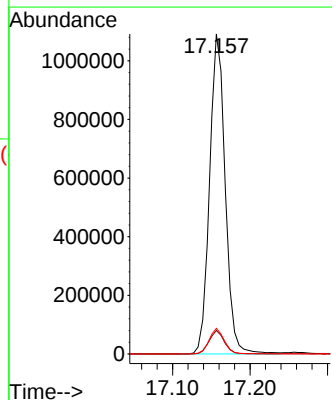
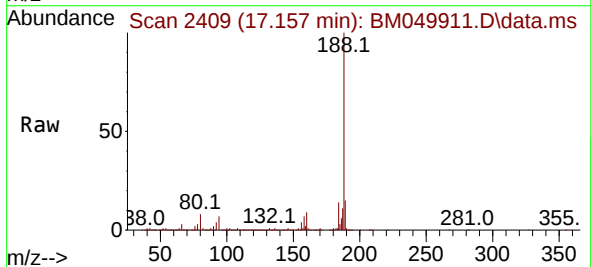
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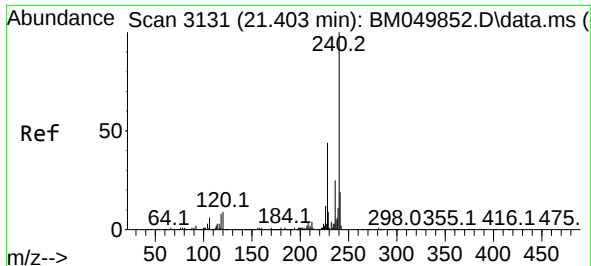
Tgt Ion:172 Resp: 5037971
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.2
170 23.1 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:188 Resp: 1528429
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.0 6.4 9.6

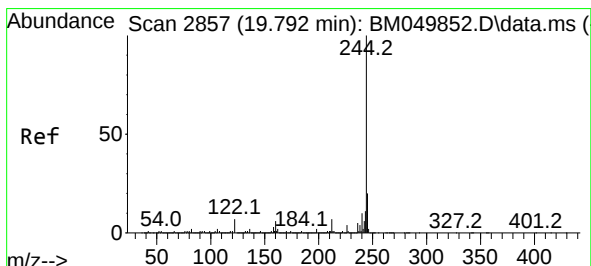
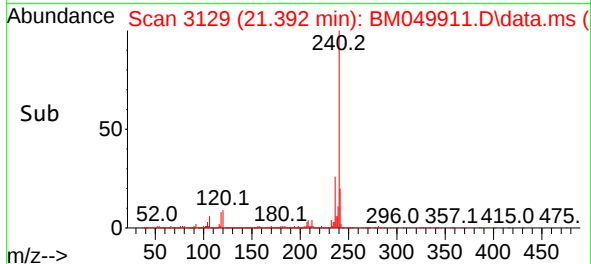
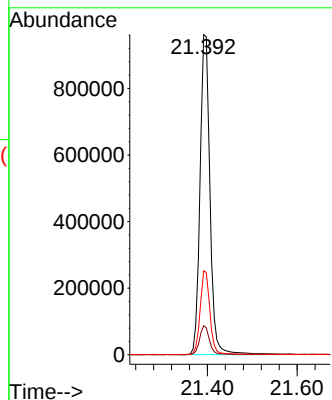
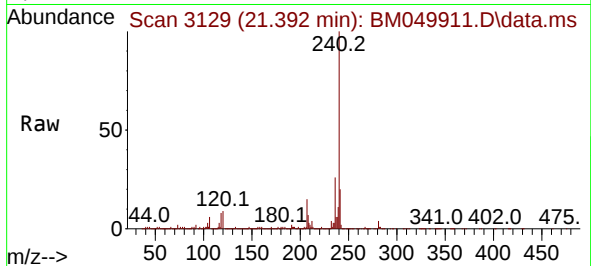




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

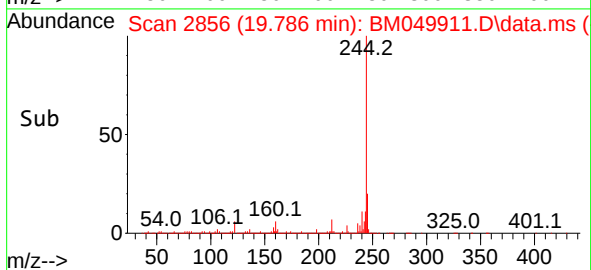
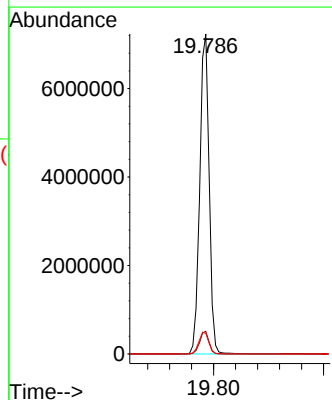
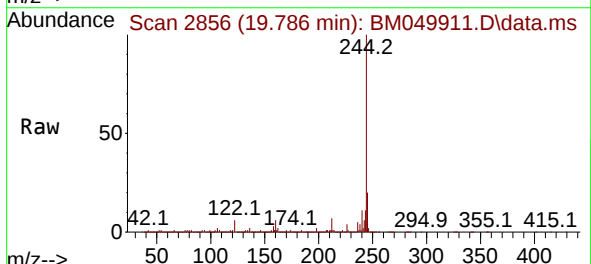
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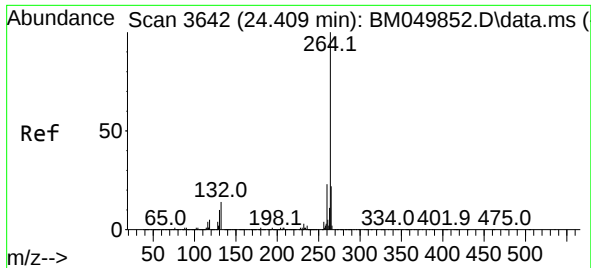
Tgt Ion:240 Resp: 1481778
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 26.2 20.4 30.6



#79
Terphenyl-d14
Concen: 108.583 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:244 Resp: 8585466
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 6.4 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BM049911.D
 Acq: 14 Apr 2025 13:09

Instrument :
 BNA_M
 ClientSampleId :
 PB167526BL

Tgt Ion:264 Resp: 1591402
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.2 17.8 26.8

