

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
 Data File : BM050008.D
 Acq On : 23 Apr 2025 11:17
 Operator : RC/JU
 Sample : PB167694BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167694BL

Quant Time: Apr 23 12:00:33 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)

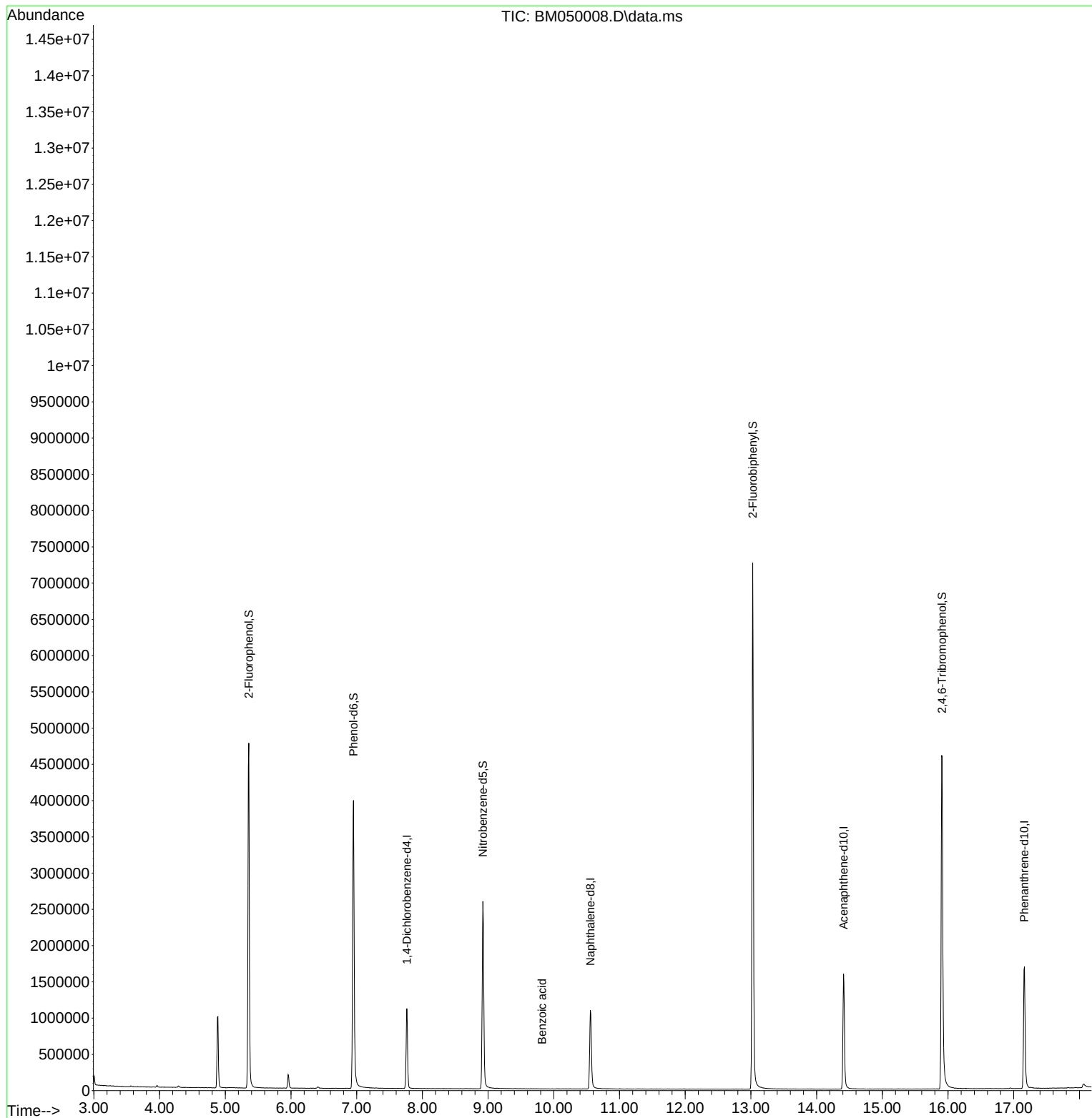
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	312305	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1057719	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	668194	20.000	ng	-0.01
64) Phenanthrene-d10	17.162	188	1253148	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1043995	20.000	ng	0.00
86) Perylene-d12	24.409	264	1062060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2198021	119.512	ng	0.00
7) Phenol-d6	6.951	99	2576306	112.588	ng	0.00
23) Nitrobenzene-d5	8.922	82	1588503	83.629	ng	-0.01
42) 2,4,6-Tribromophenol	15.909	330	1203749	123.854	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4153838	84.297	ng	-0.02
79) Terphenyl-d14	19.780	244	5938919	106.608	ng	-0.01
Target Compounds						
32) Benzoic acid	9.822	122	57	8.542	ng	Qvalue # 45

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

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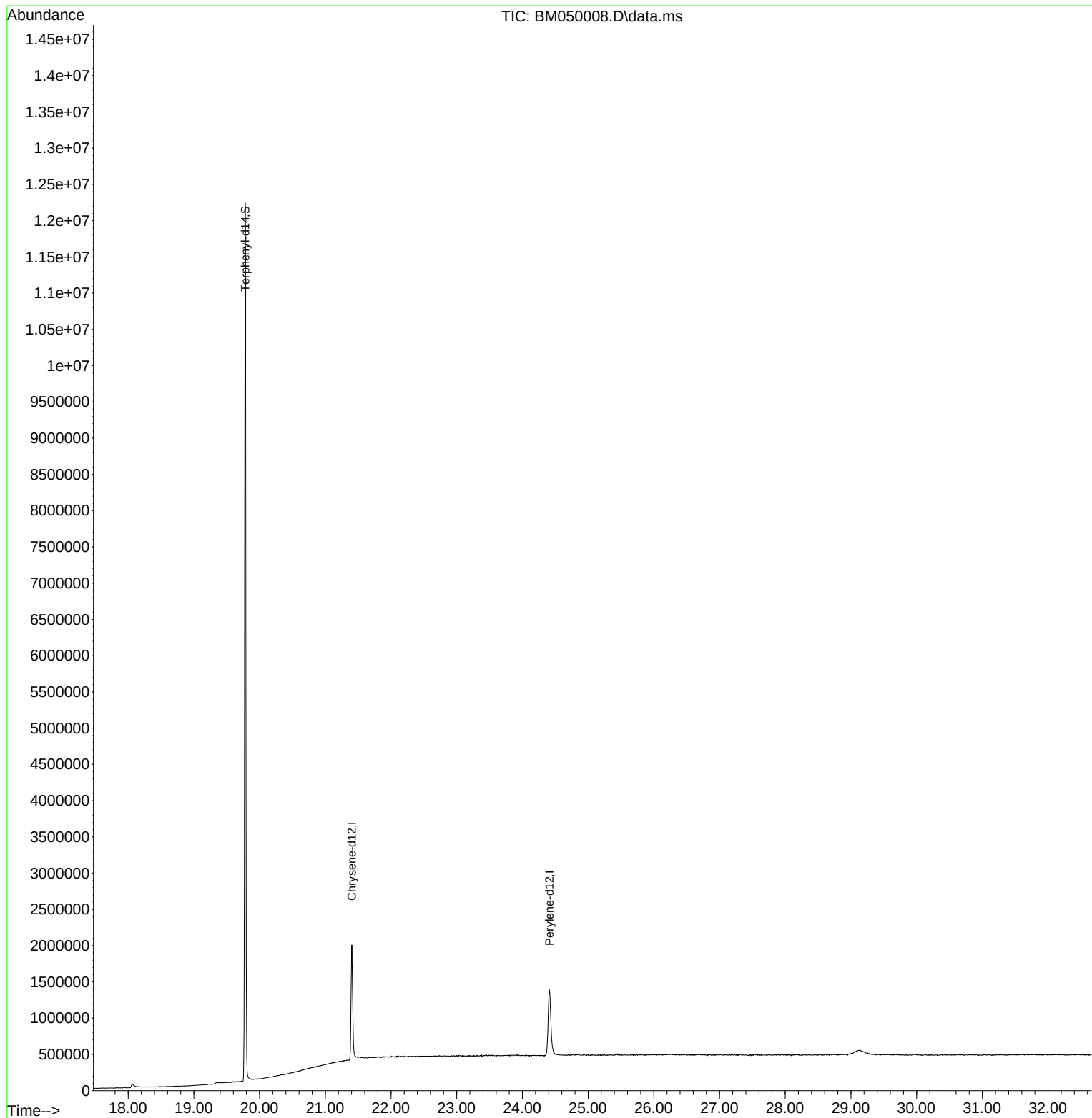
Quant Time: Apr 23 12:00:33 2025
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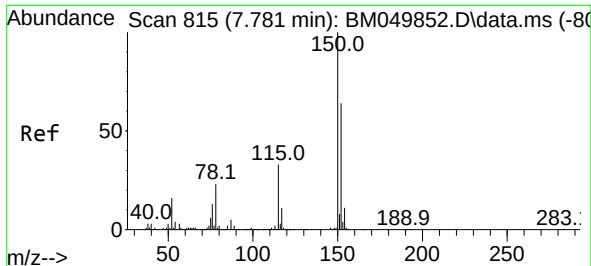


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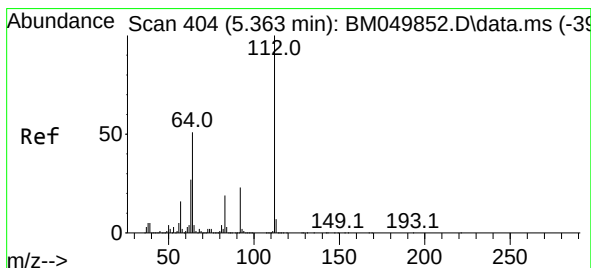
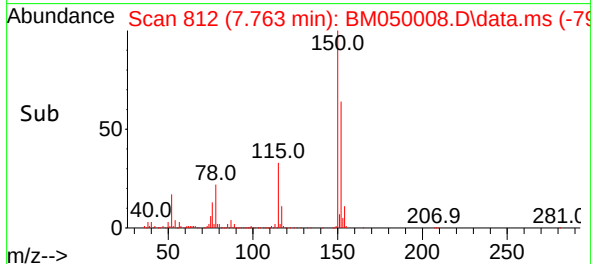
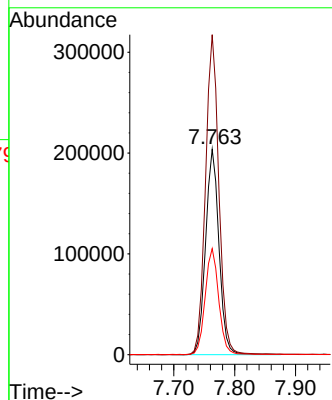
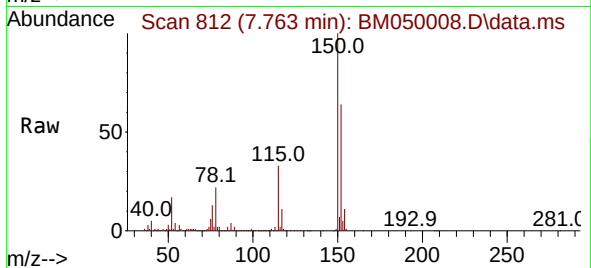




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

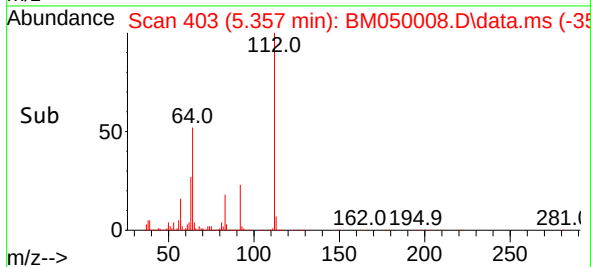
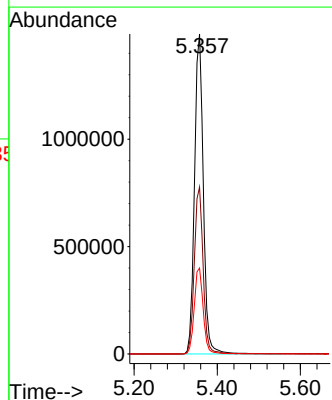
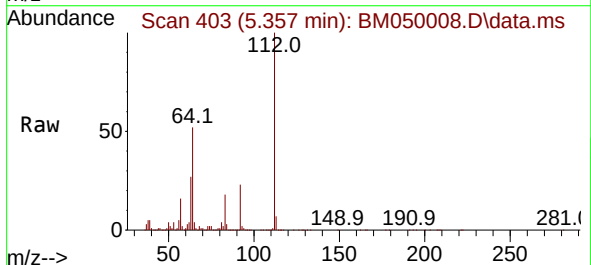
Instrument :
BNA_M
ClientSampleId :
PB167694BL

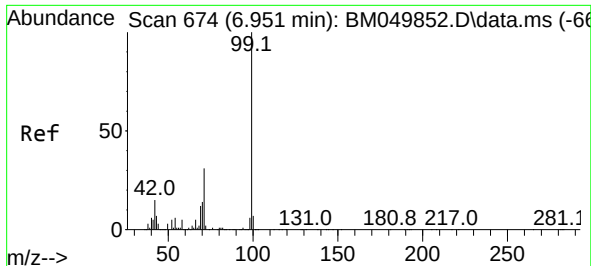
Tgt Ion:152 Resp: 312305
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 51.6 41.1 61.7



#5
2-Fluorophenol
Concen: 119.512 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

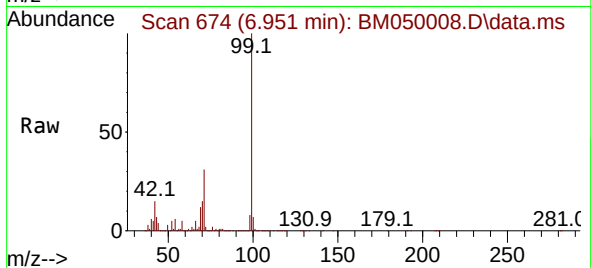
Tgt Ion:112 Resp: 2198021
Ion Ratio Lower Upper
112 100
64 52.1 41.0 61.6
63 26.8 21.5 32.3





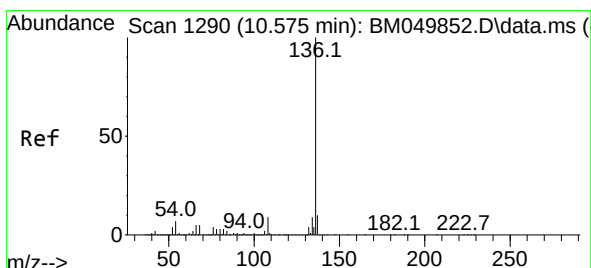
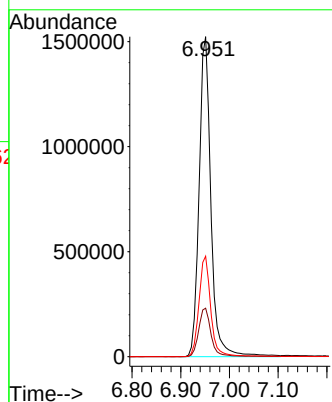
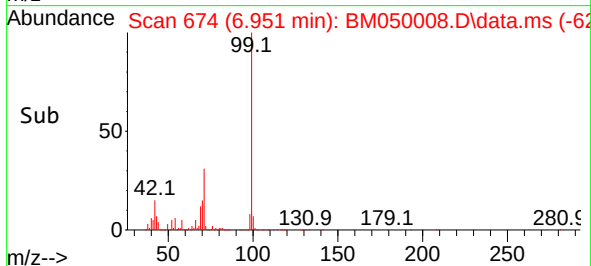
#7
Phenol-d6
Concen: 112.588 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167694BL

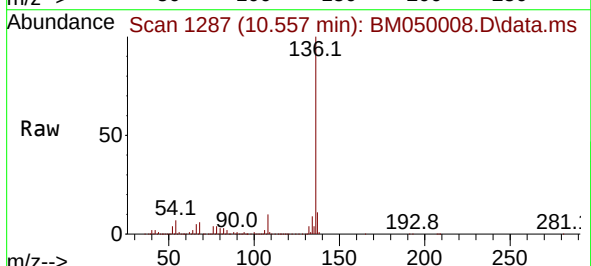


Tgt Ion: 99 Resp: 2576306

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.4	24.9	37.3

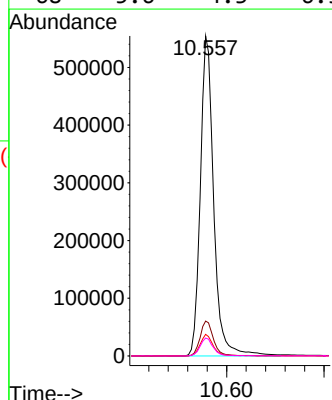
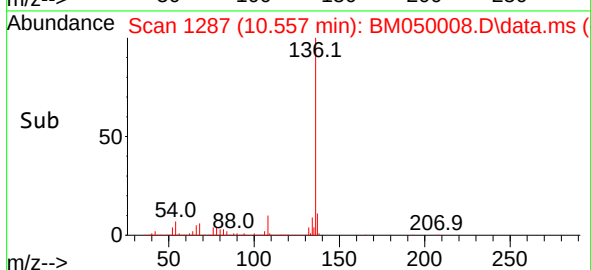


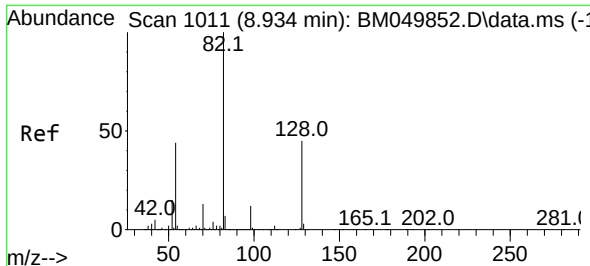
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17



Tgt Ion: 136 Resp: 1057719

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.8	5.3	7.9
68	5.6	4.3	6.5

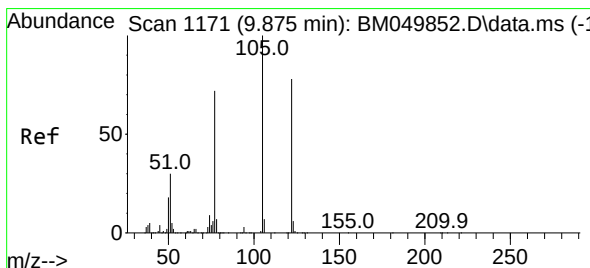
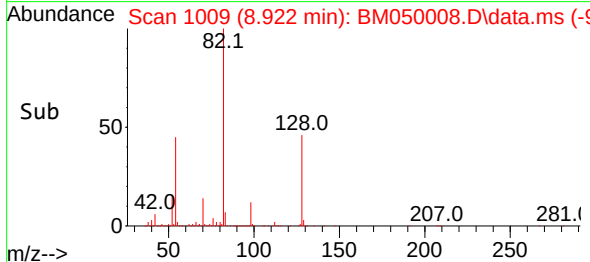
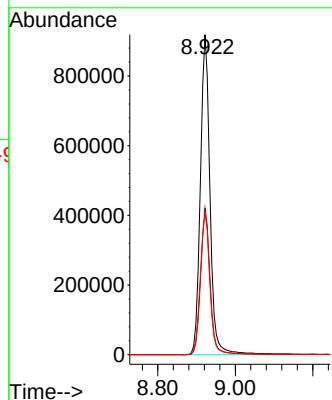
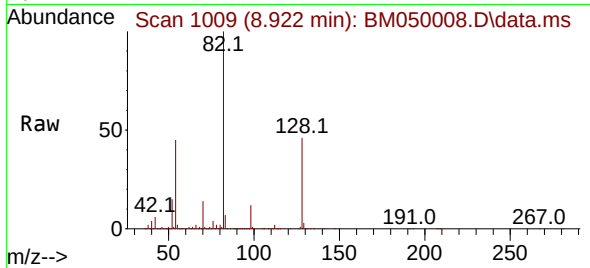




#23
Nitrobenzene-d5
Concen: 83.629 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

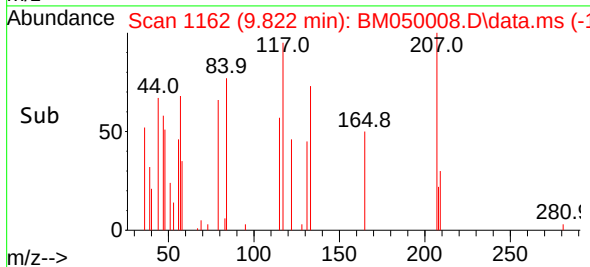
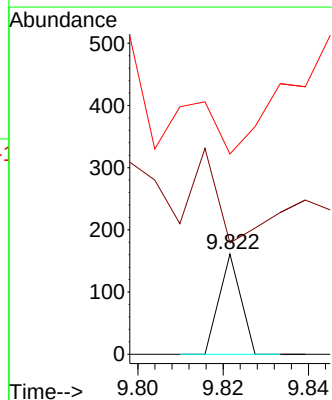
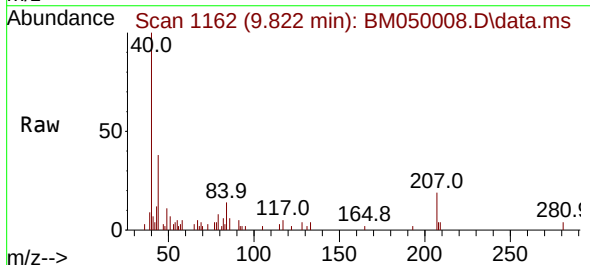
Instrument :
BNA_M
ClientSampleId :
PB167694BL

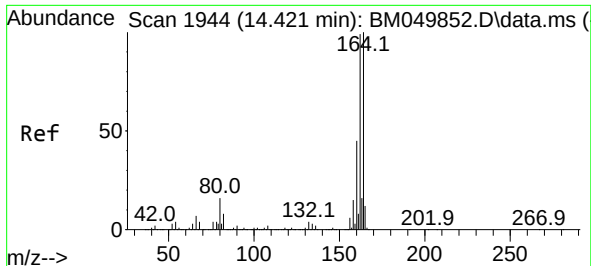
Tgt Ion: 82 Resp: 1588503
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.2
54 44.5 35.0 52.6



#32
Benzoic acid
Concen: 8.542 ng
RT: 9.822 min Scan# 1162
Delta R.T. -0.053 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 111.2 103.8 143.8
77 200.0 70.7 110.7#

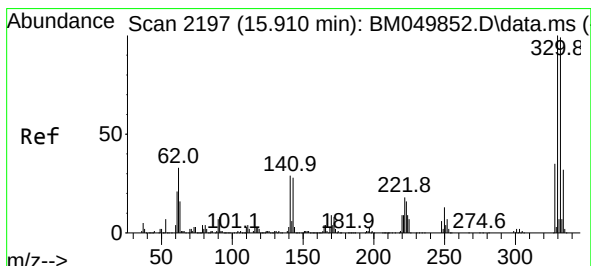
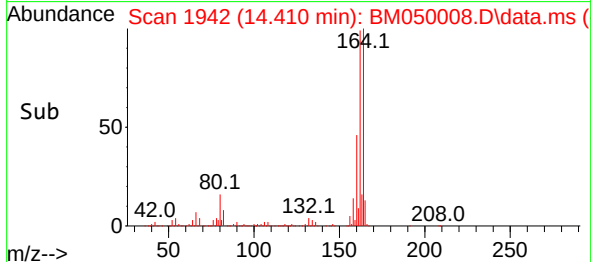
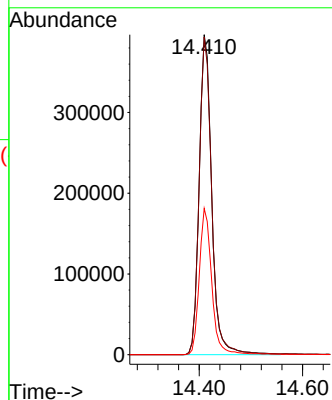
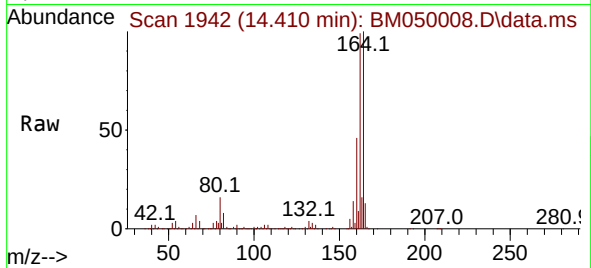




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

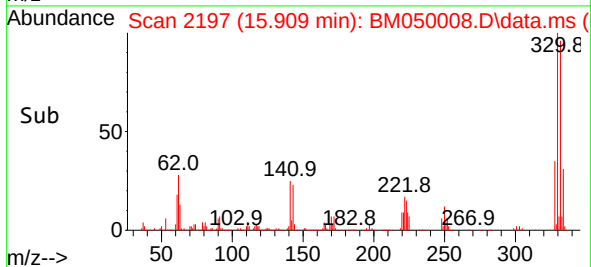
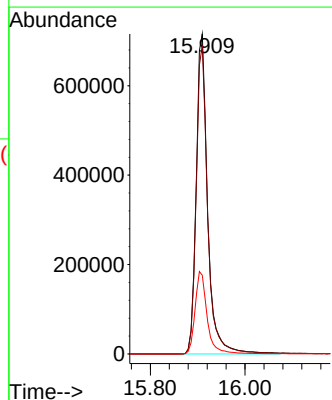
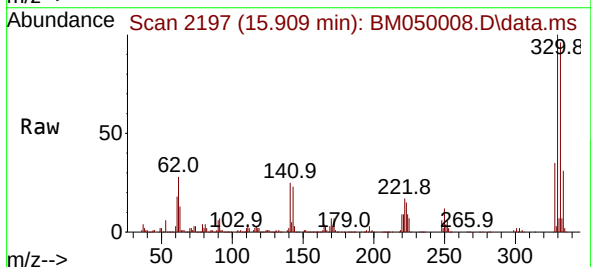
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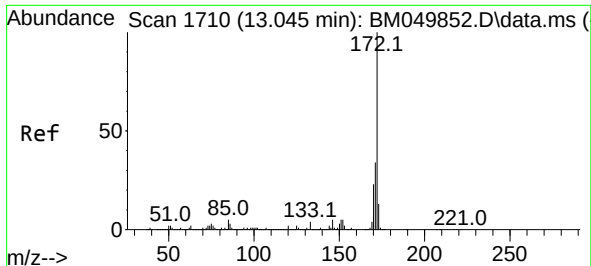
Tgt Ion:164 Resp: 668194
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 45.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 123.854 ng
RT: 15.909 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:330 Resp: 1203749
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 27.2 23.5 35.3

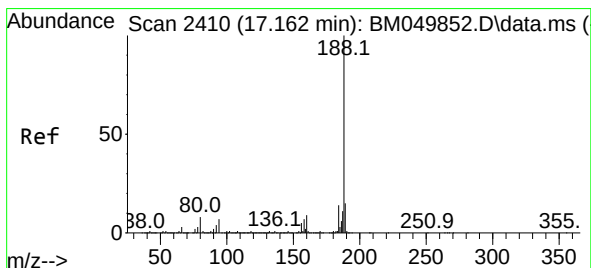
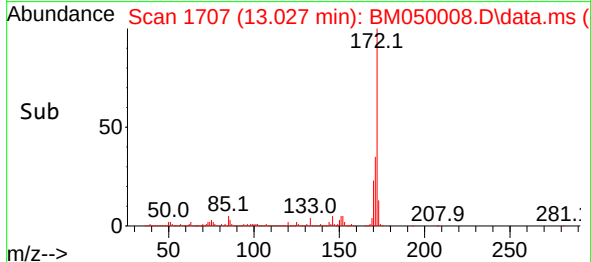
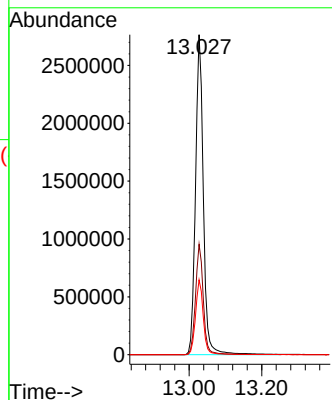
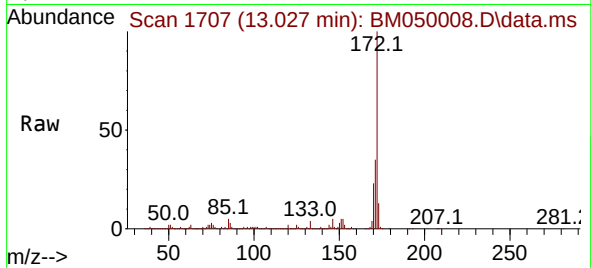




#45
2-Fluorobiphenyl
Concen: 84.297 ng
RT: 13.027 min Scan# 1710
Delta R.T. -0.018 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

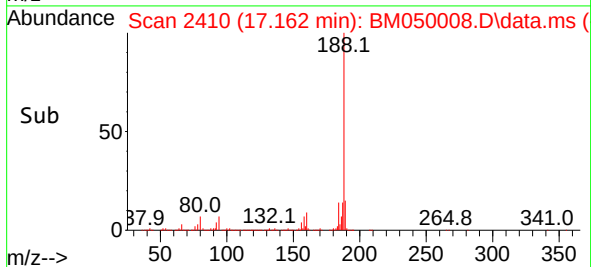
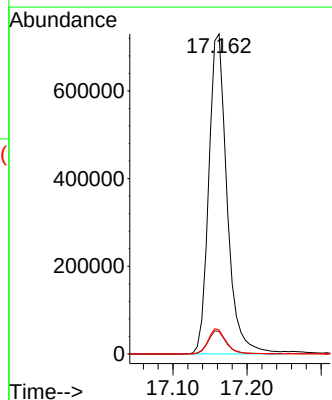
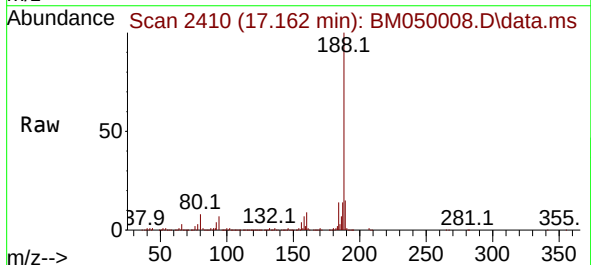
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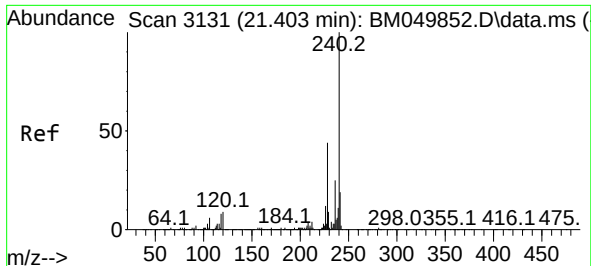
Tgt Ion:172 Resp: 4153838
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.2
170 23.4 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:188 Resp: 1253148
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 7.5 6.4 9.6

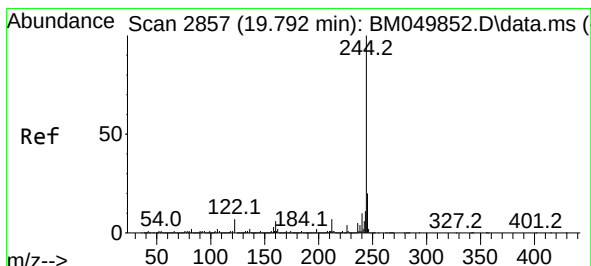
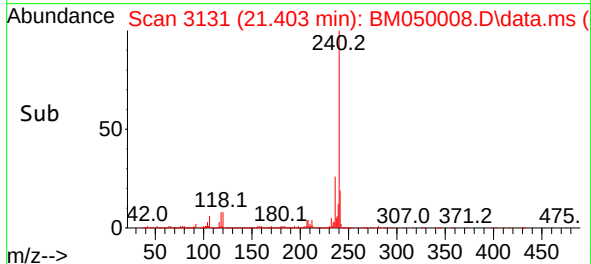
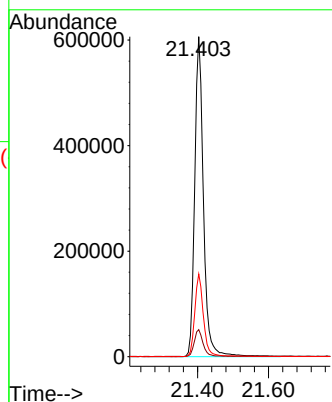
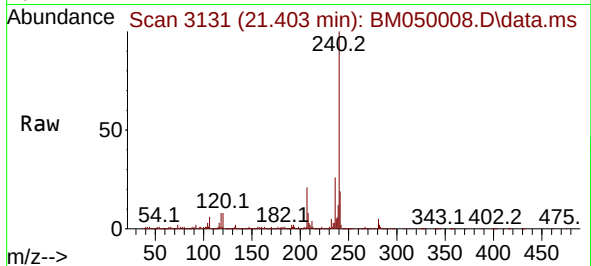




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

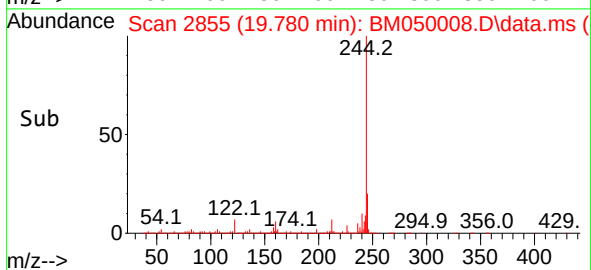
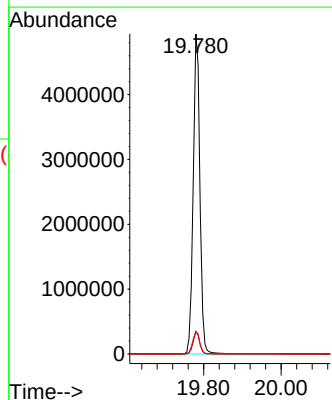
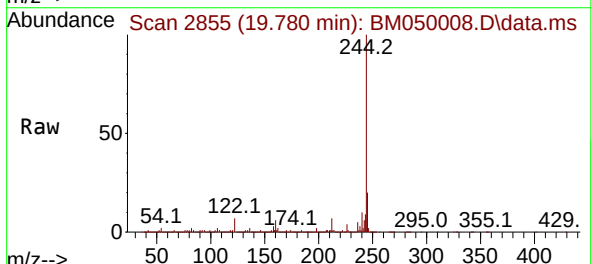
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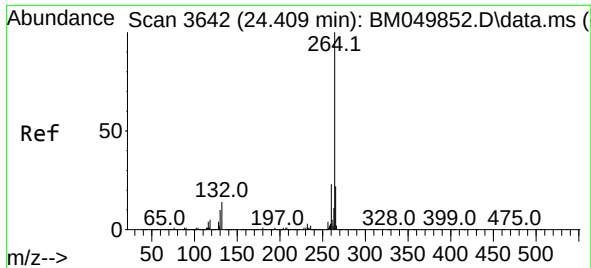
Tgt Ion:240 Resp: 1043995
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 106.608 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.012 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:244 Resp: 5938919
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 7.0 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM050008.D
 Acq: 23 Apr 2025 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB167694BL

Tgt Ion:264 Resp: 1062060
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.9 17.8 26.8

