

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049780.D
 Acq On : 01 Apr 2025 18:46
 Operator : RC/JU
 Sample : Q1671-04RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1RE

Quant Time: Apr 02 01:03:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

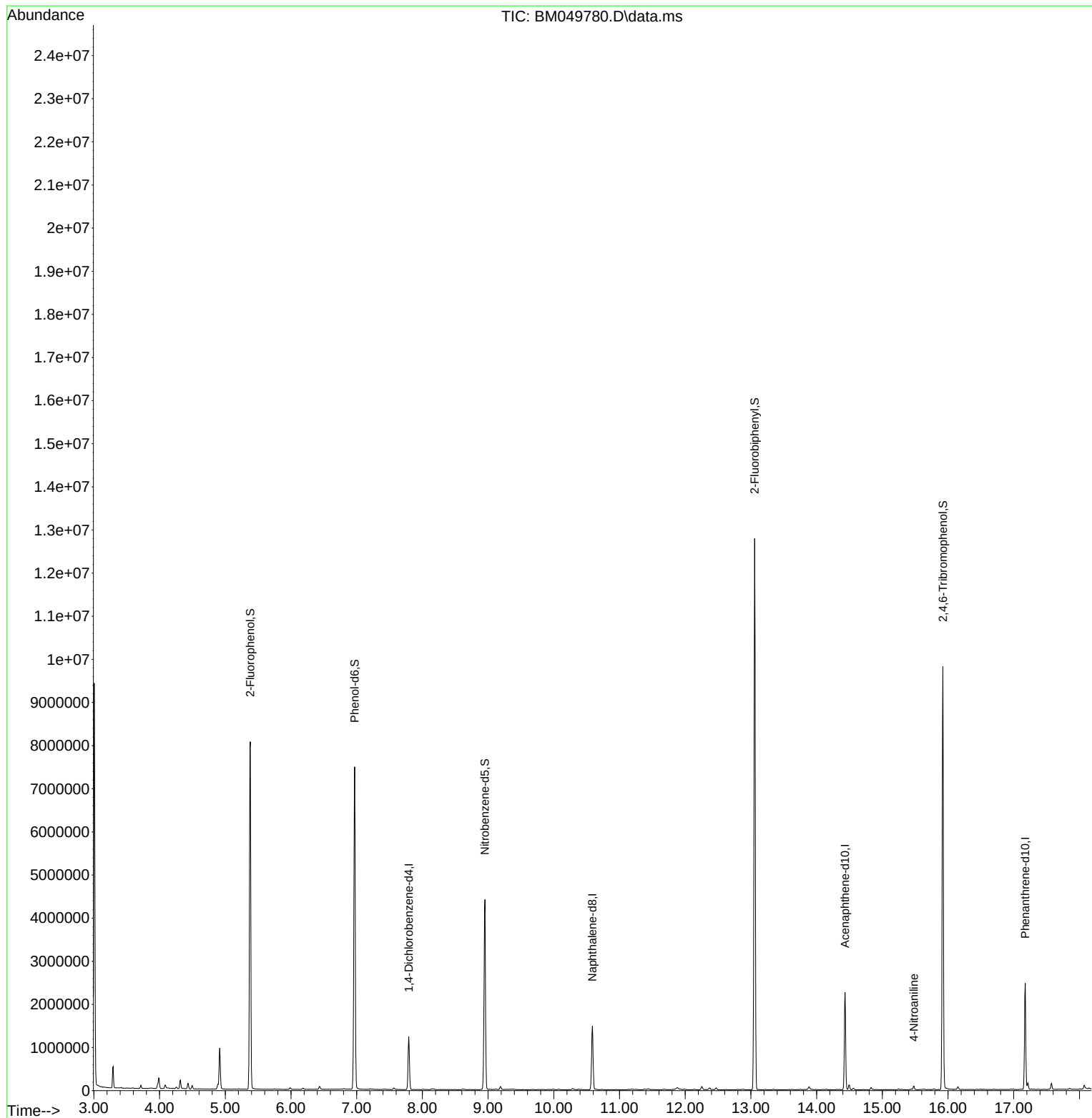
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	324990	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1140691	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	744340	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1372322	20.000	ng	-0.01
76) Chrysene-d12	21.403	240	975005	20.000	ng	-0.02
86) Perylene-d12	24.409	264	815131	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3190809	165.665	ng	0.00
7) Phenol-d6	6.969	99	3906836	161.632	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2383565	107.283	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	1649620	189.793	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	6205021	104.402	ng	-0.01
79) Terphenyl-d14	19.797	244	8460958	146.233	ng	-0.01
Target Compounds						
62) 4-Nitroaniline	15.480	138	324	3.783	ng	Qvalue # 16

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

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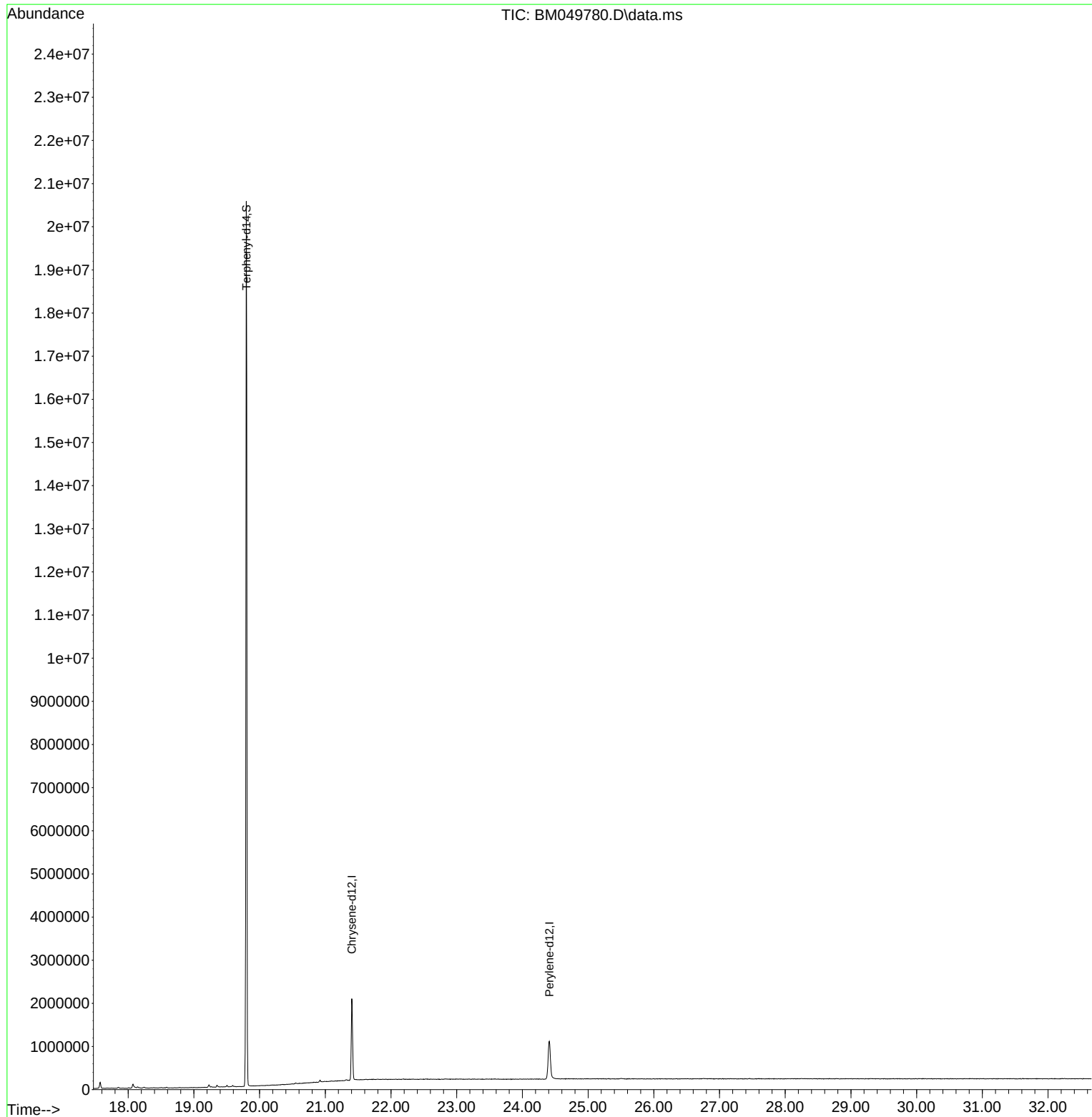
Quant Time: Apr 02 01:03:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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QLast Update : Thu Mar 13 14:55:34 2025
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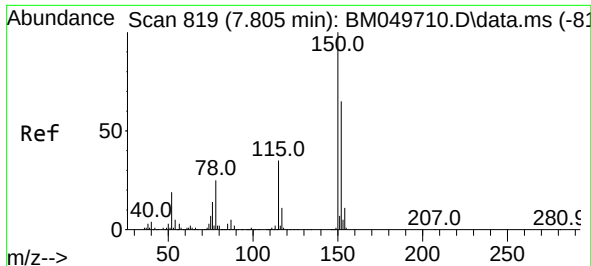


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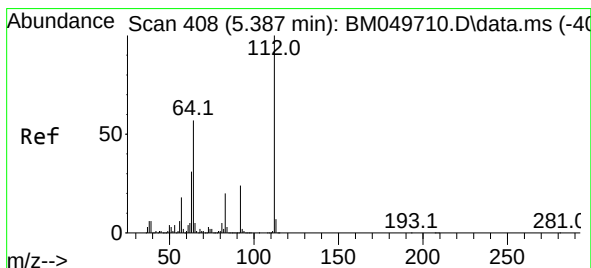
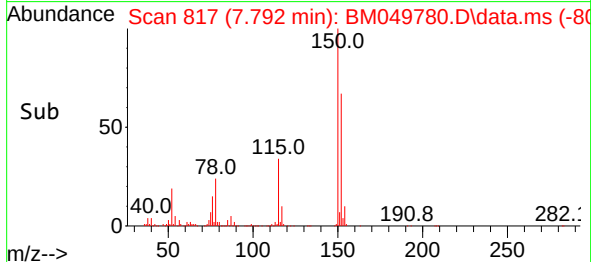
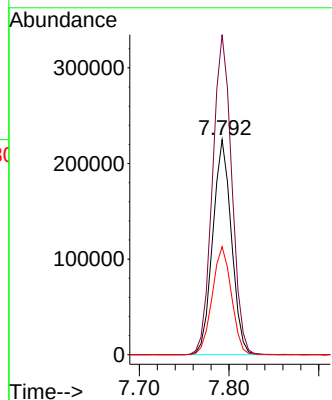
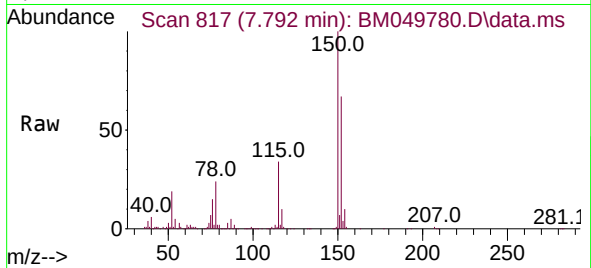




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 819
Delta R.T. -0.013 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

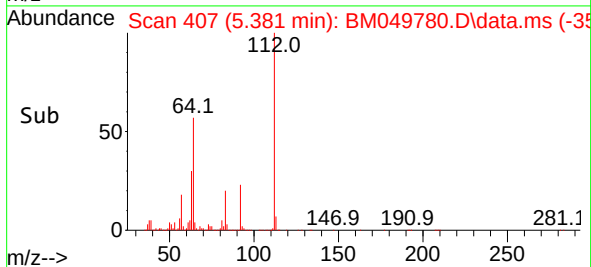
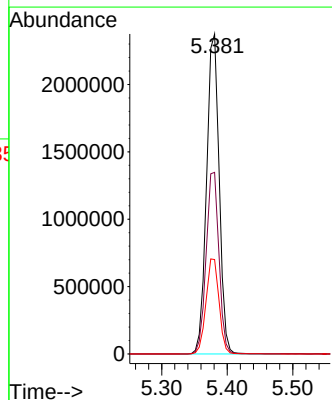
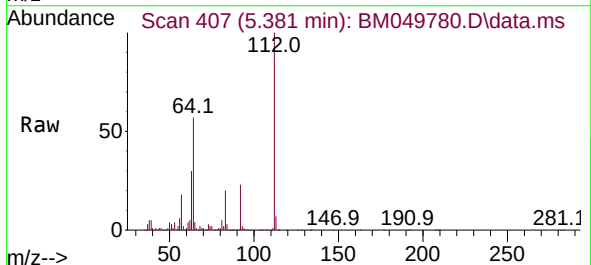
Instrument :
BNA_M
ClientSampleId :
WC-1RE

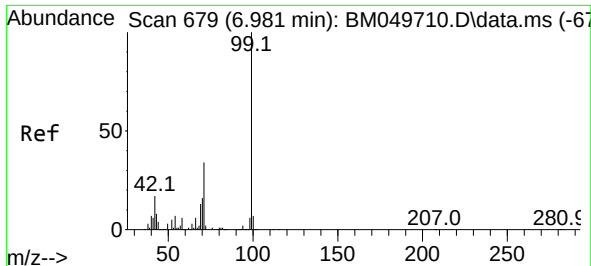
Tgt Ion:152 Resp: 324990
Ion Ratio Lower Upper
152 100
150 148.8 123.8 185.8
115 50.2 43.0 64.6



#5
2-Fluorophenol
Concen: 165.665 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:112 Resp: 3190809
Ion Ratio Lower Upper
112 100
64 56.7 45.3 67.9
63 29.5 24.4 36.6

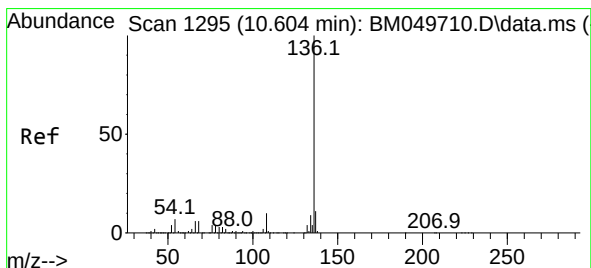
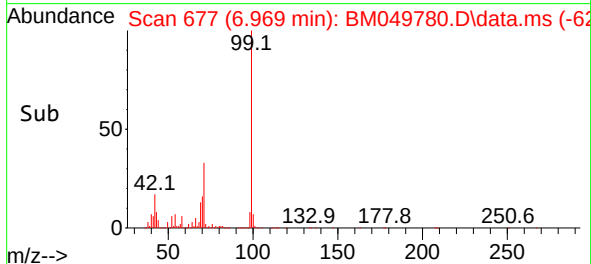
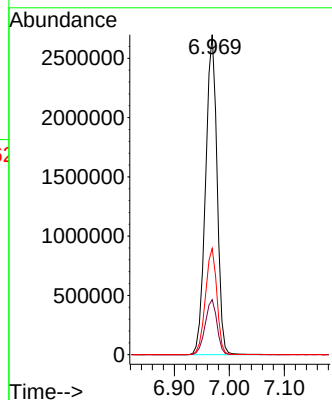
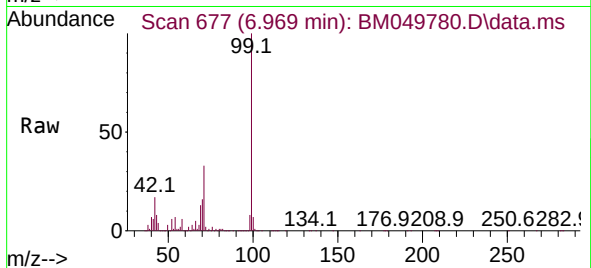




#7
Phenol-d6
Concen: 161.632 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

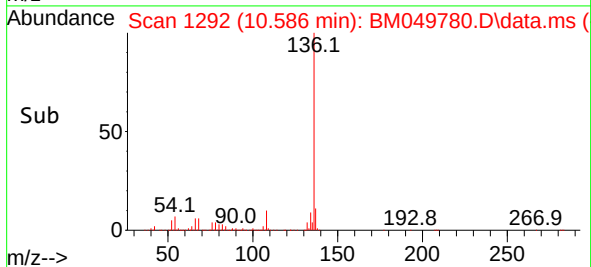
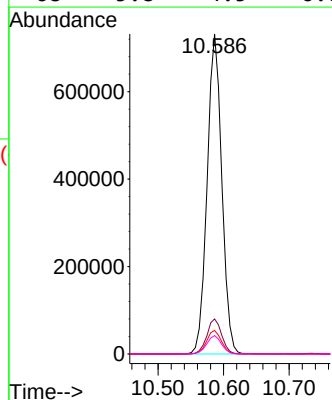
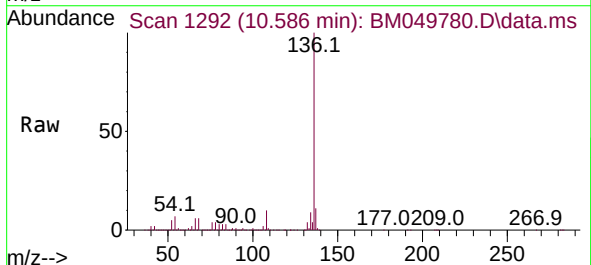
Instrument :
BNA_M
ClientSampleId :
WC-1RE

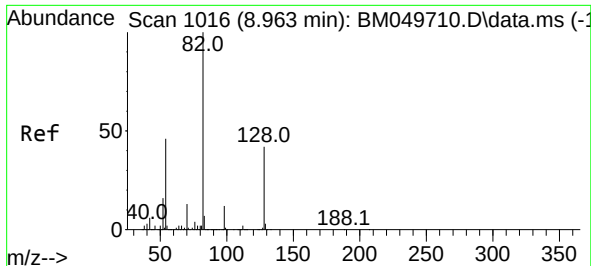
Tgt Ion: 99 Resp: 3906836
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 33.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion: 136 Resp: 1140691
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.4 5.8 8.8
68 5.8 4.5 6.7

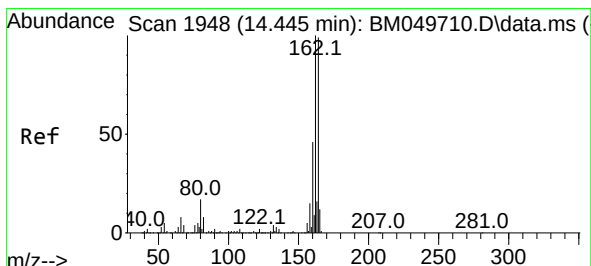
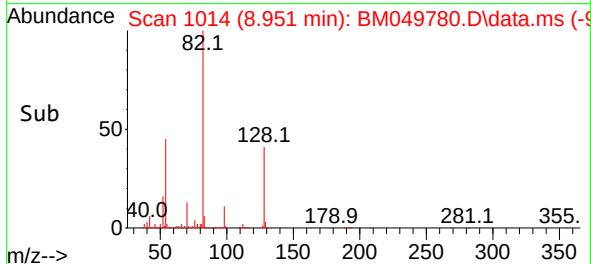
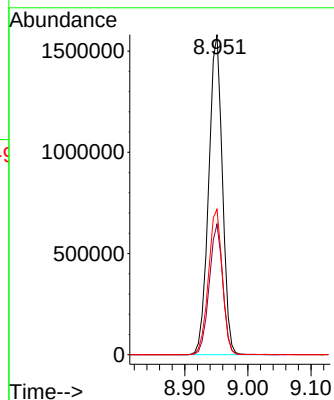
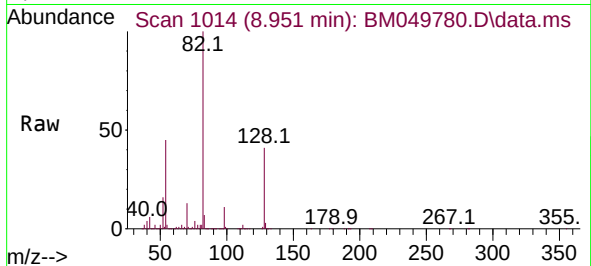




#23
Nitrobenzene-d5
Concen: 107.283 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

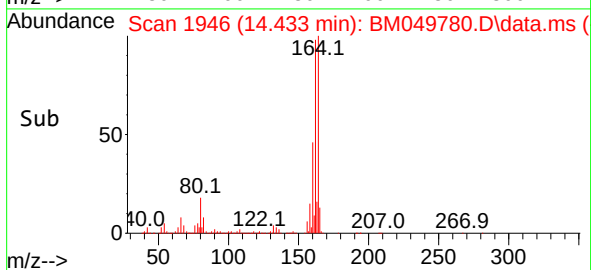
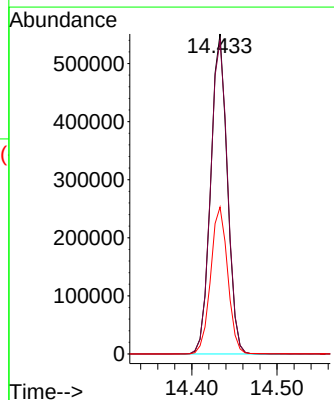
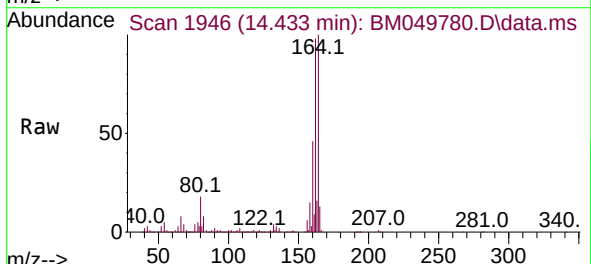
Instrument :
BNA_M
ClientSampleId :
WC-1RE

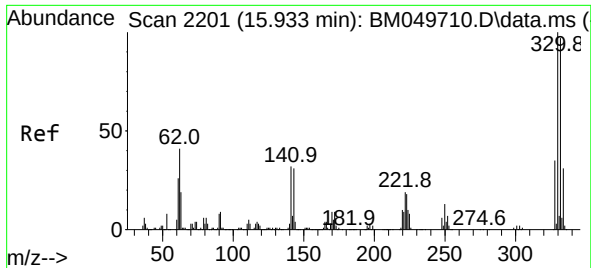
Tgt Ion: 82 Resp: 2383565
Ion Ratio Lower Upper
82 100
128 40.8 33.4 50.0
54 45.5 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:164 Resp: 744340
Ion Ratio Lower Upper
164 100
162 97.9 80.5 120.7
160 45.9 36.9 55.3

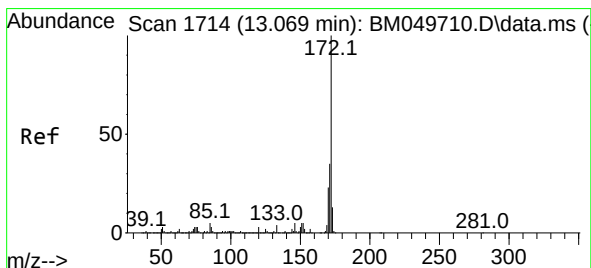
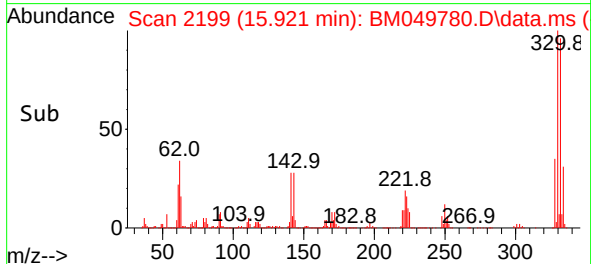
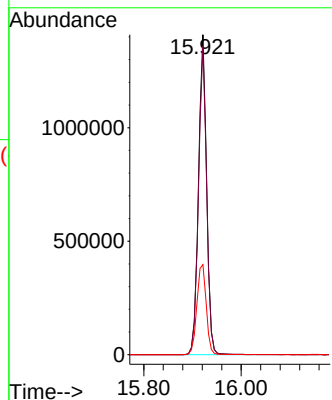
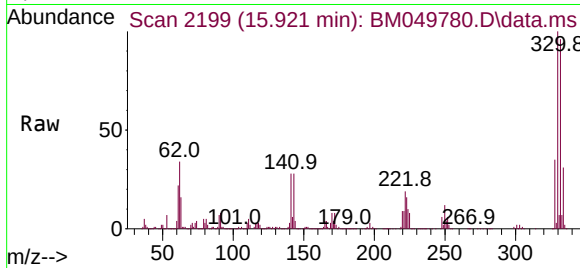




#42
2,4,6-Tribromophenol
Concen: 189.793 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

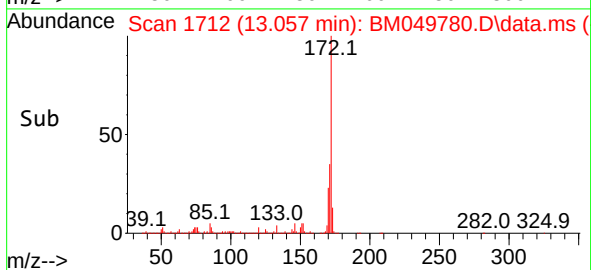
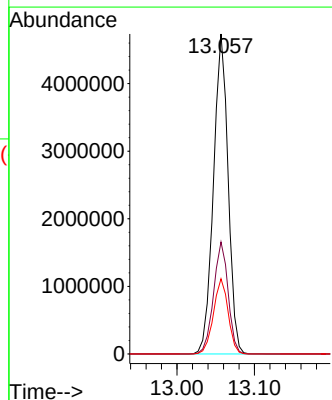
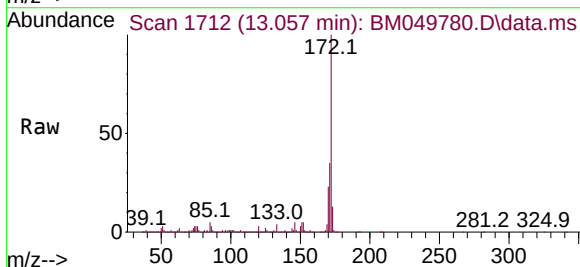
Instrument :
BNA_M
ClientSampleId :
WC-1RE

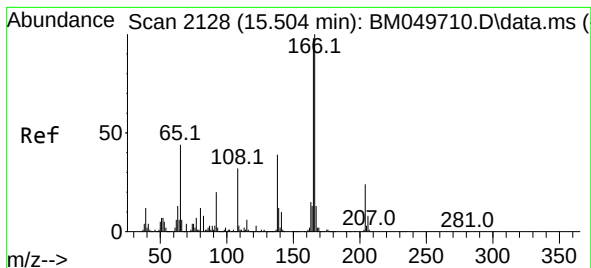
Tgt Ion:330 Resp: 1649620
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 32.4 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 104.402 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:172 Resp: 6205021
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.5 18.6 28.0

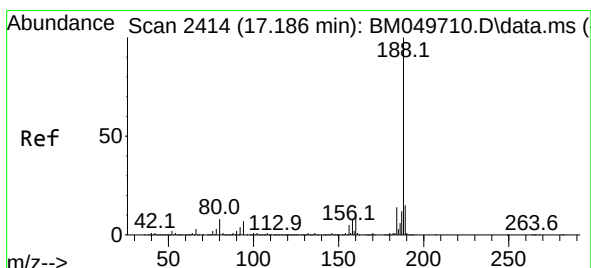
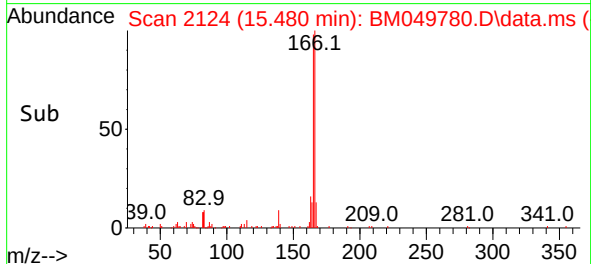
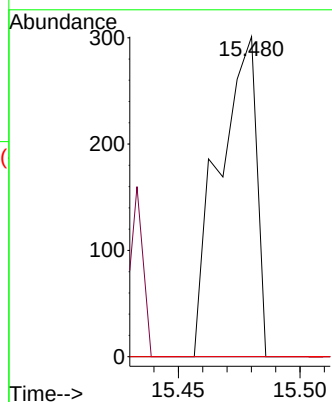
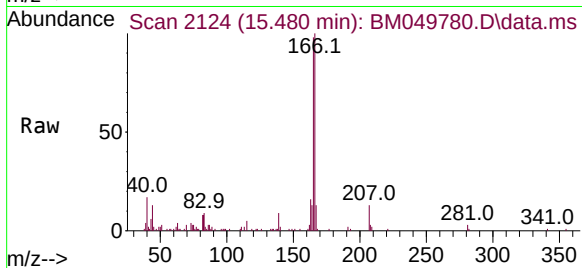




#62
4-Nitroaniline
Concen: 3.783 ng
RT: 15.480 min Scan# 2128
Delta R.T. -0.024 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

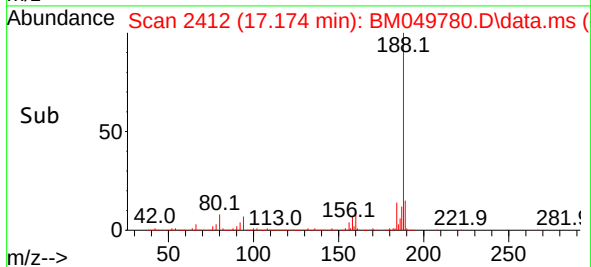
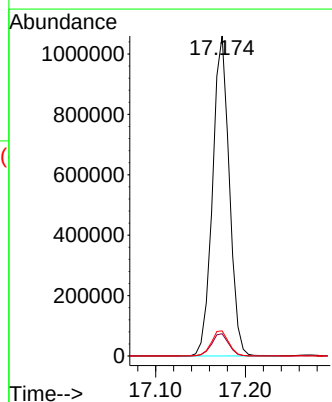
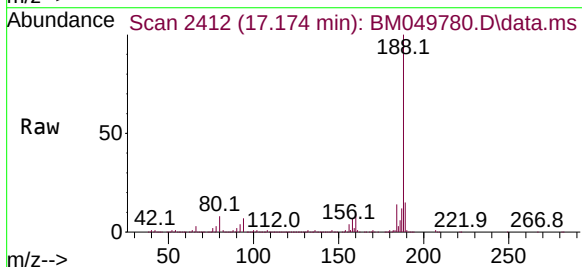
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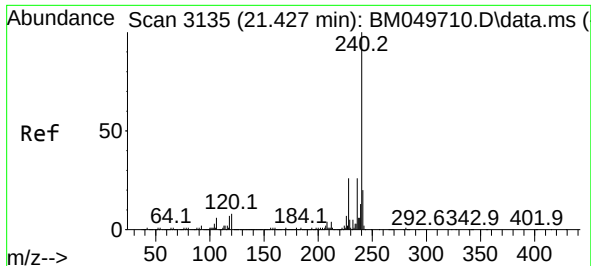
Tgt Ion:138 Resp: 324
Ion Ratio Lower Upper
138 100
92 0.0 29.8 69.8#
108 0.0 61.3 101.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:188 Resp: 1372322
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.8 6.3 9.5

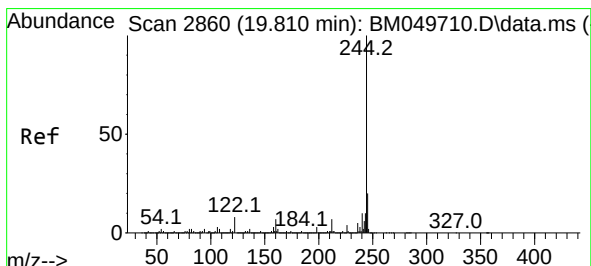
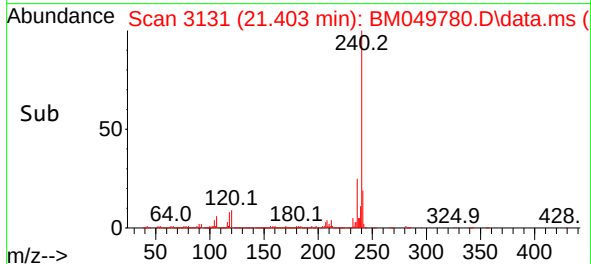
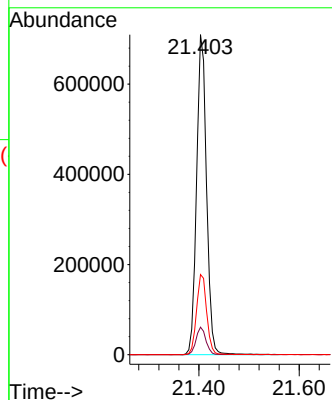
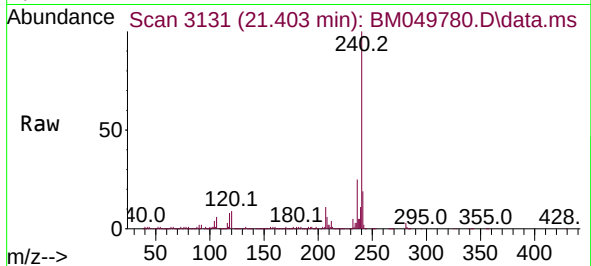




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3135
Delta R.T. -0.024 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

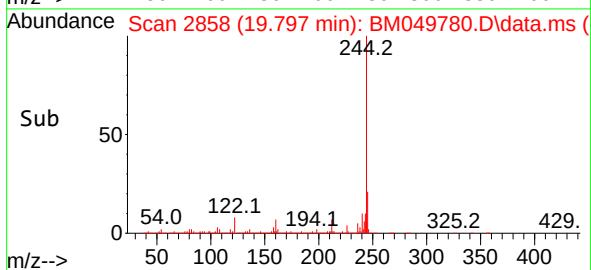
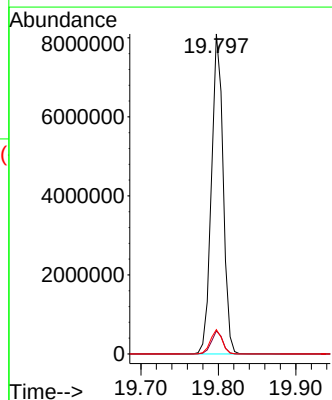
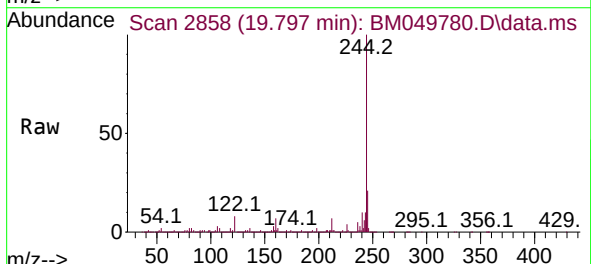
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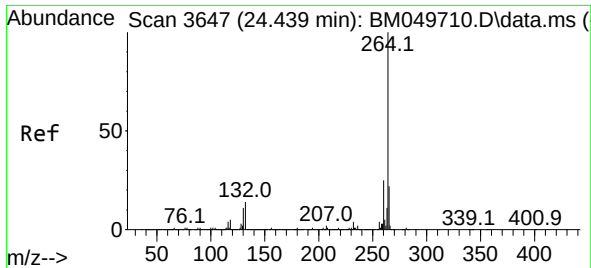
Tgt Ion:240 Resp: 975005
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.1 20.7 31.1



#79
Terphenyl-d14
Concen: 146.233 ng
RT: 19.797 min Scan# 2858
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

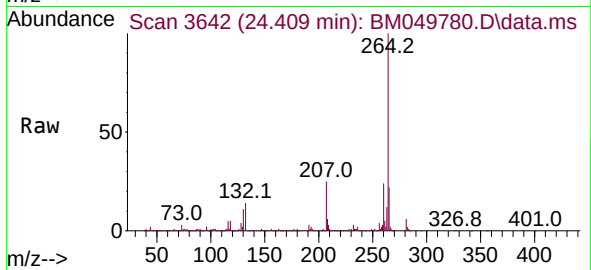
Tgt Ion:244 Resp: 8460958
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.6 6.0 9.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 30
Delta R.T. -0.030 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Instrument :
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Tgt Ion:	264	Resp:	815131
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.5	18.2	27.2

