

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049676.D
 Acq On : 28 Feb 2025 13:15
 Operator : RC/JU
 Sample : PB166930BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166930BL

Quant Time: Feb 28 14:28:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

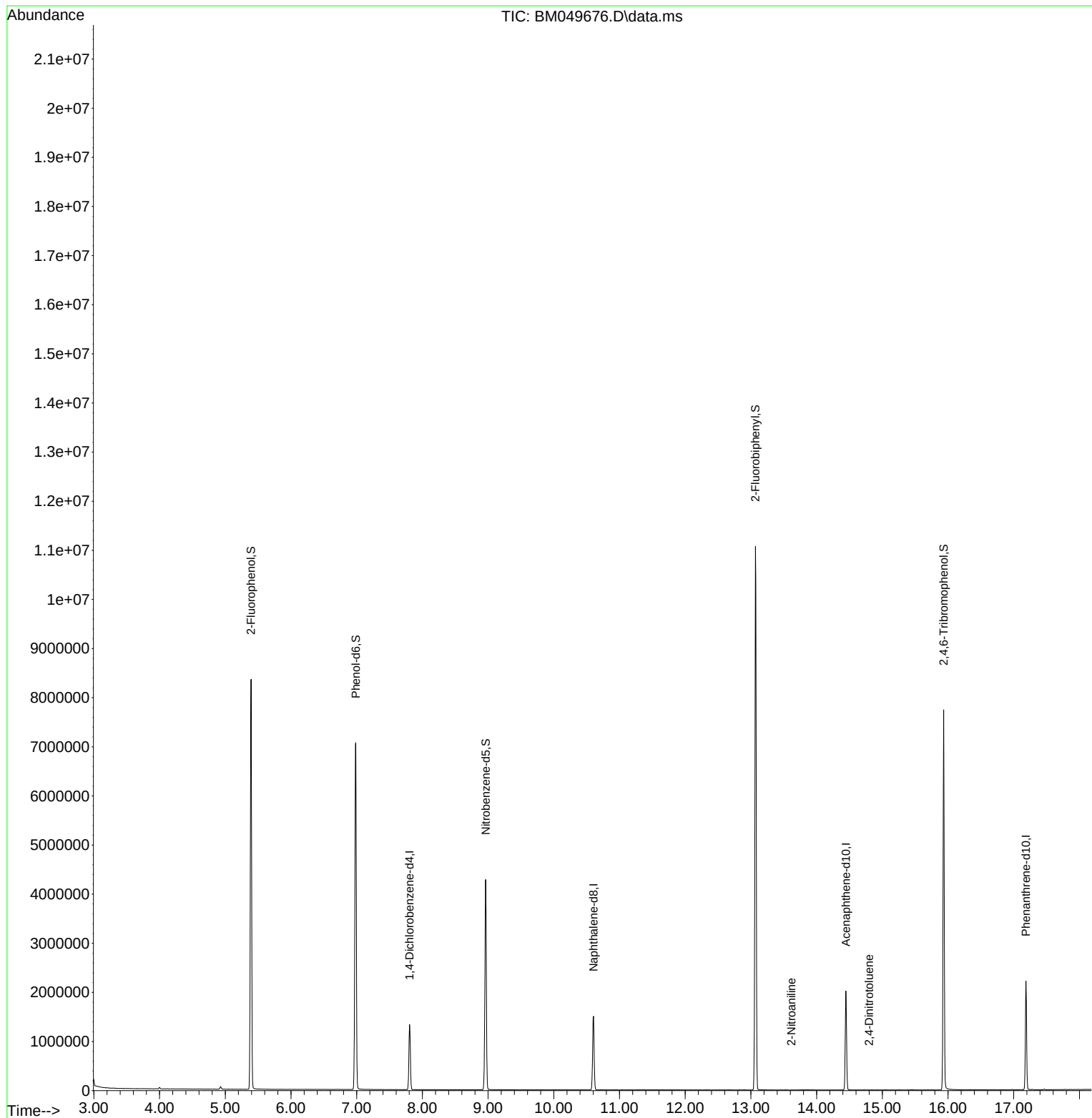
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	355589	20.000	ng	-0.02
21) Naphthalene-d8	10.604	136	1196115	20.000	ng	-0.02
39) Acenaphthene-d10	14.445	164	682743	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1208848	20.000	ng	-0.02
76) Chrysene-d12	21.427	240	924150	20.000	ng	-0.02
86) Perylene-d12	24.444	264	944069	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3287031	148.650	ng	0.00
7) Phenol-d6	6.987	99	3916766	135.200	ng	0.00
23) Nitrobenzene-d5	8.963	82	2324979	99.983	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	1272925	157.347	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	5612050	106.484	ng	-0.02
79) Terphenyl-d14	19.815	244	7773370	128.445	ng	-0.02
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.616	65	63	4.133	ng	# 6
57) 2,4-Dinitrotoluene	14.798	165	61	2.568	ng	# 18

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

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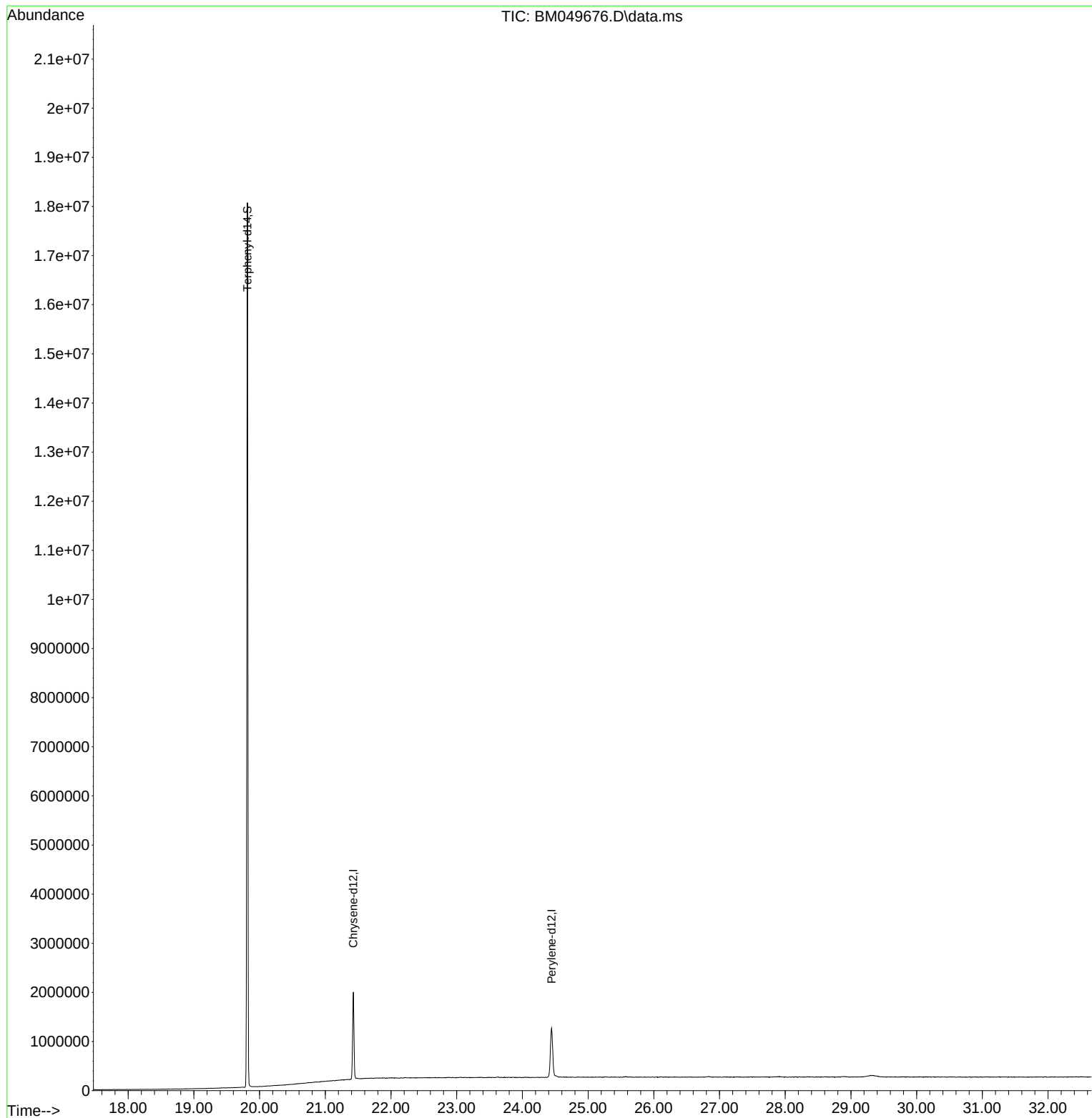
Quant Time: Feb 28 14:28:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
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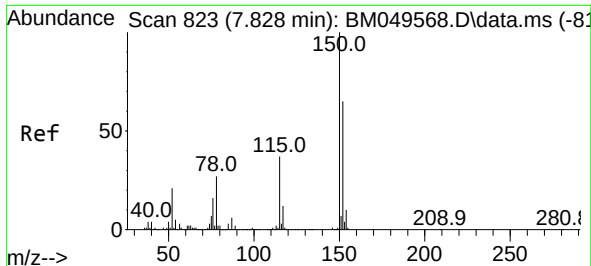


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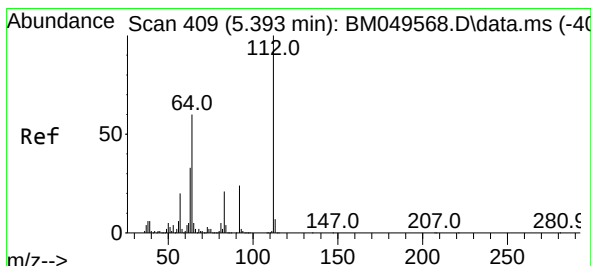
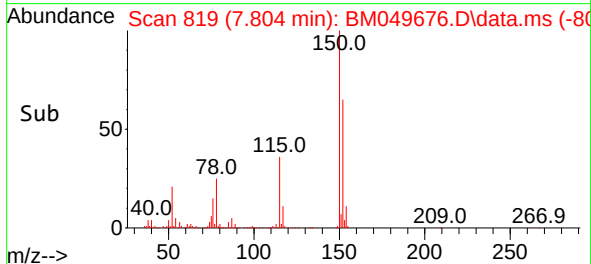
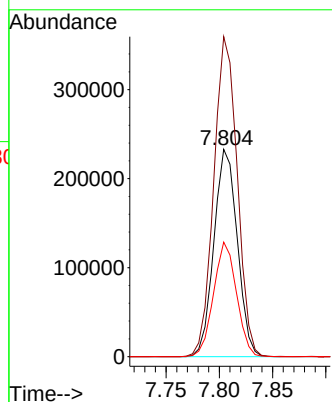
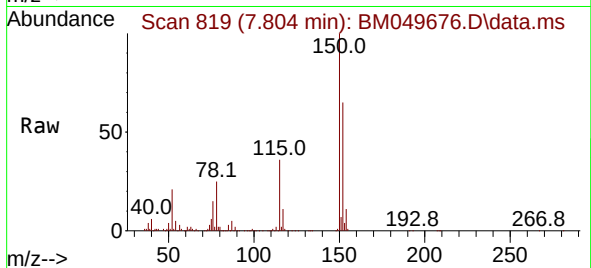




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BM049676.D
 Acq: 28 Feb 2025 13:15

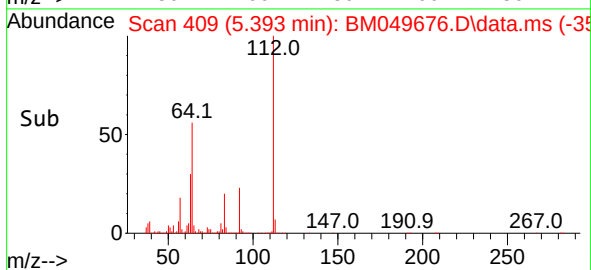
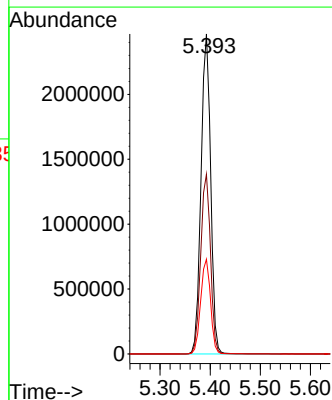
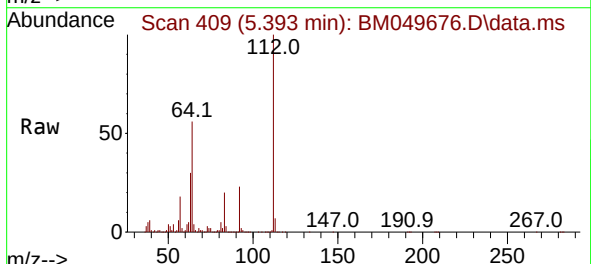
Instrument :
 BNA_M
 ClientSampleId :
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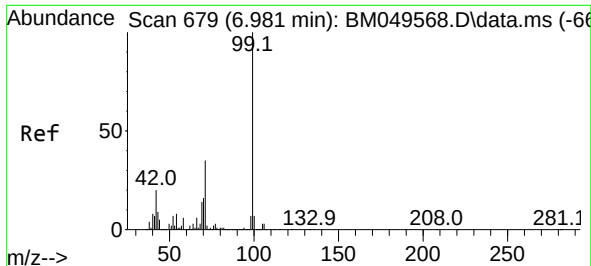
Tgt Ion:152 Resp: 355589
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.6 184.0
 115 55.3 45.4 68.0



#5
 2-Fluorophenol
 Concen: 148.650 ng
 RT: 5.393 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: BM049676.D
 Acq: 28 Feb 2025 13:15

Tgt Ion:112 Resp: 3287031
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.8 71.8
 63 29.6 26.2 39.4

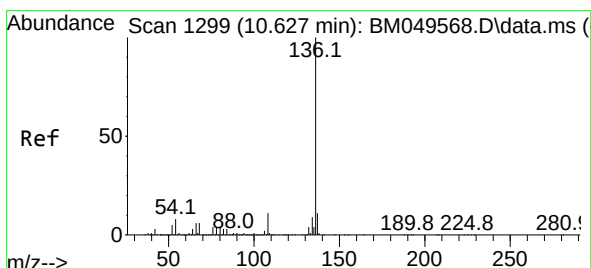
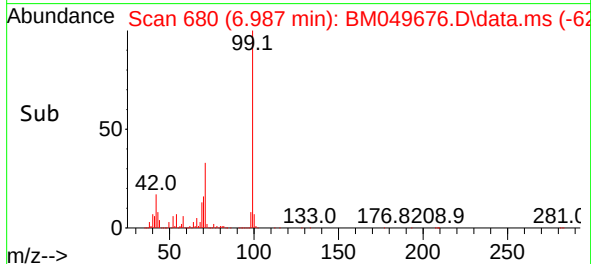
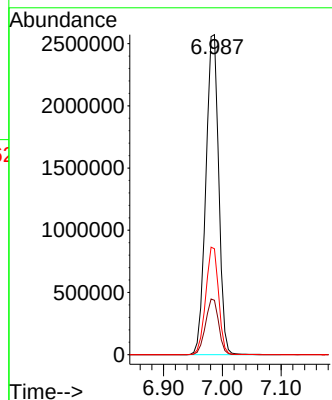
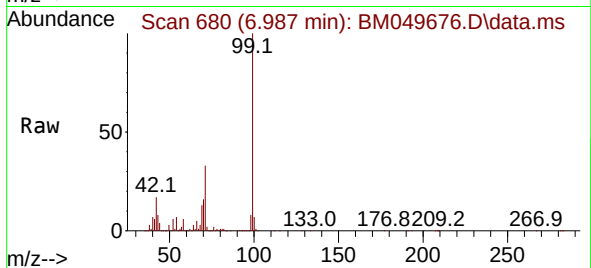




#7
Phenol-d6
Concen: 135.200 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

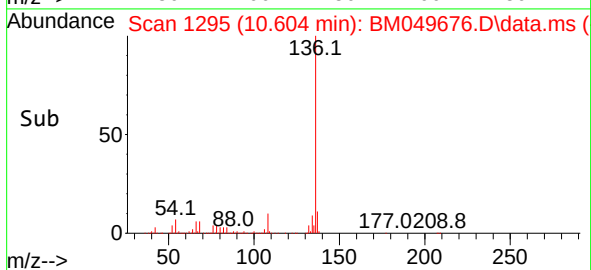
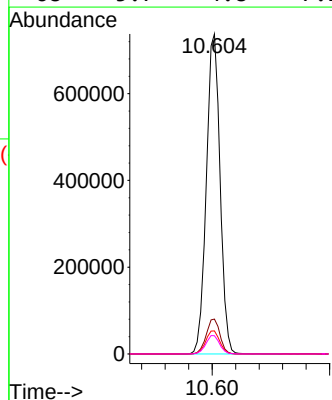
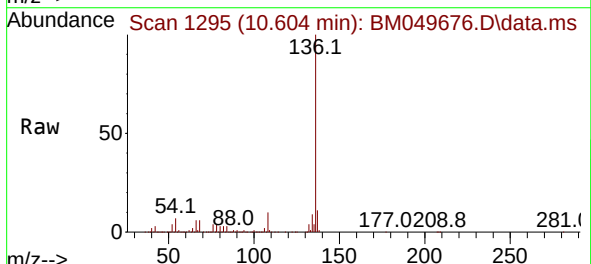
Instrument :
BNA_M
ClientSampleId :
PB166930BL

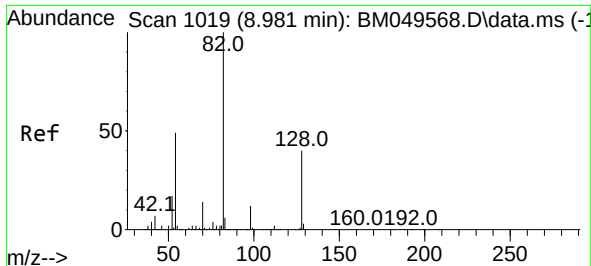
Tgt Ion: 99 Resp: 3916766
Ion Ratio Lower Upper
99 100
42 17.0 16.0 24.0
71 33.1 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

Tgt Ion: 136 Resp: 1196115
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 6.6 10.0
68 5.7 4.8 7.2

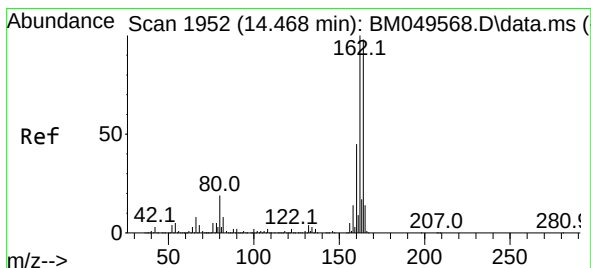
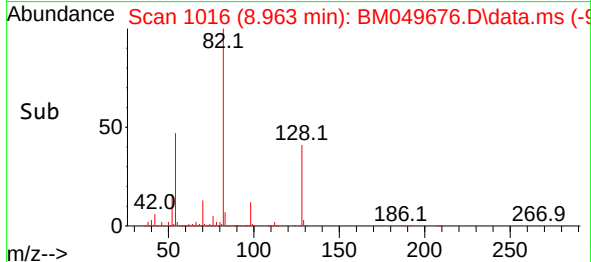
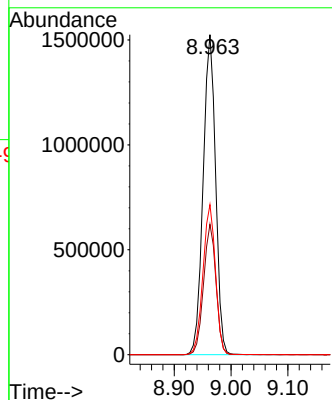
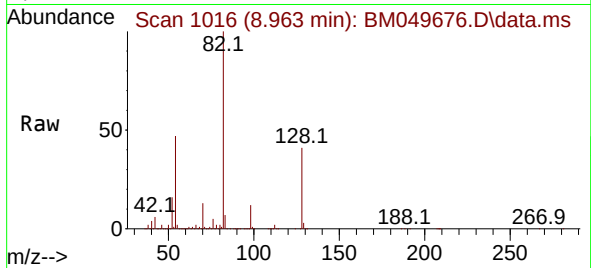




#23
Nitrobenzene-d5
Concen: 99.983 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

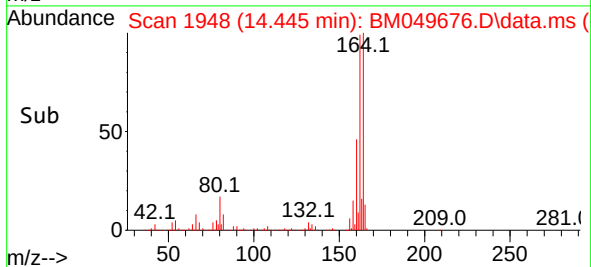
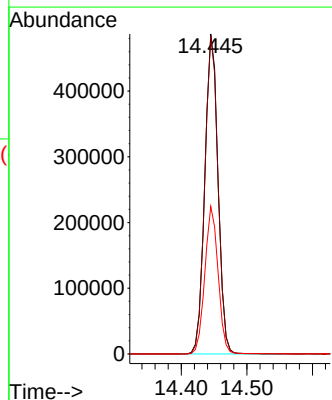
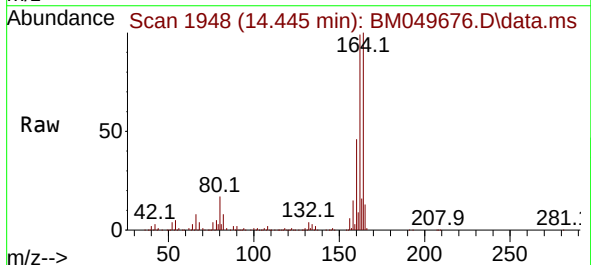
Instrument :
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ClientSampleId :
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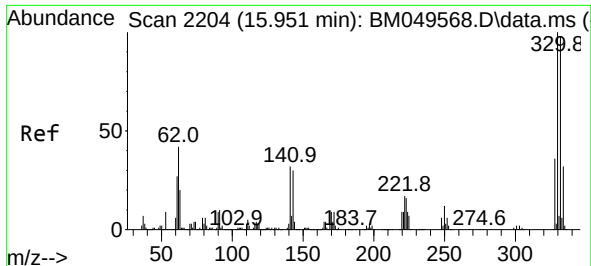
Tgt Ion: 82 Resp: 2324979
Ion Ratio Lower Upper
82 100
128 40.8 31.6 47.4
54 46.9 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.024 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

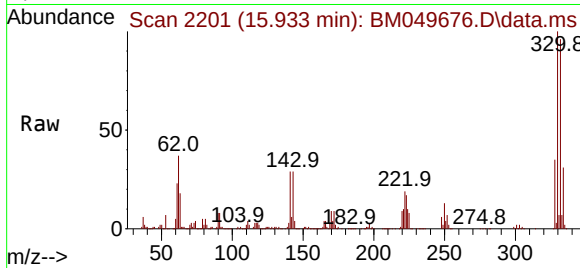
Tgt Ion:164 Resp: 682743
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 46.1 36.2 54.4



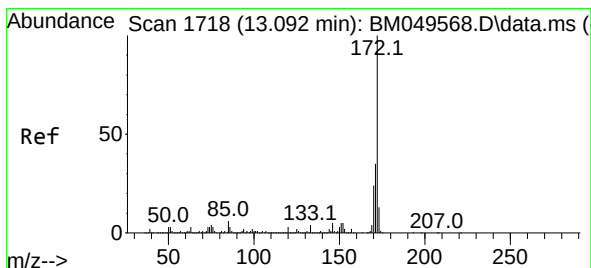
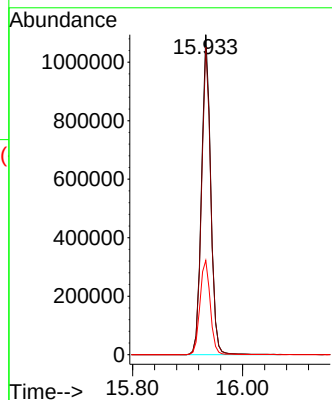
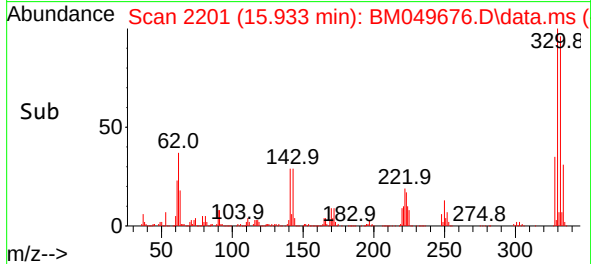


#42
2,4,6-Tribromophenol
Concen: 157.347 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

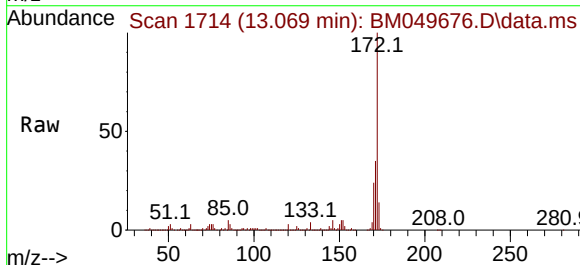
Instrument :
BNA_M
ClientSampleId :
PB166930BL



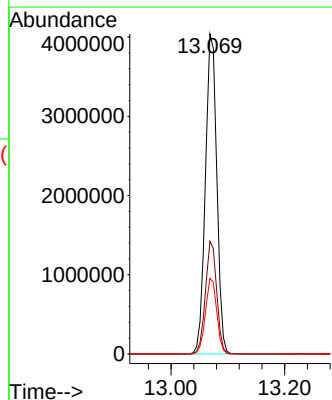
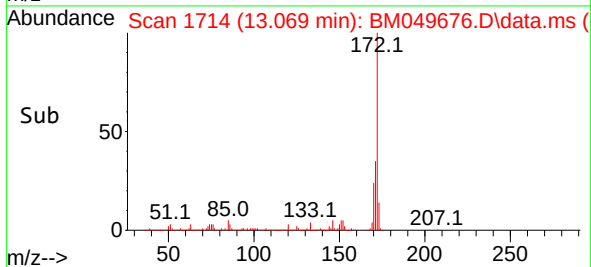
Tgt Ion:330 Resp: 1272925
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 32.9 28.2 42.2

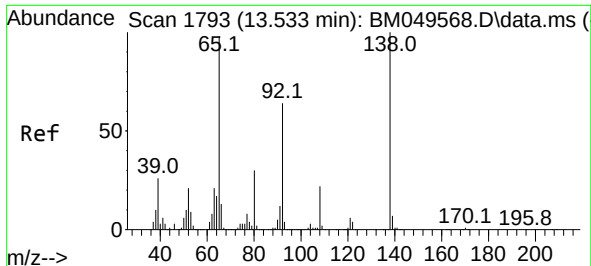


#45
2-Fluorobiphenyl
Concen: 106.484 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.024 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15



Tgt Ion:172 Resp: 5612050
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.7 19.0 28.4

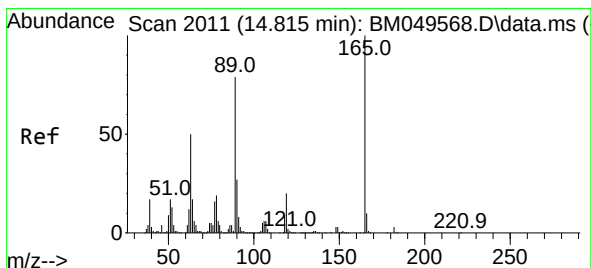
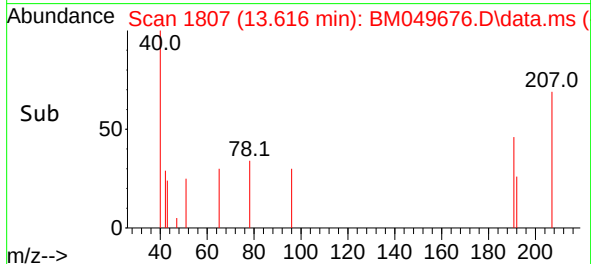
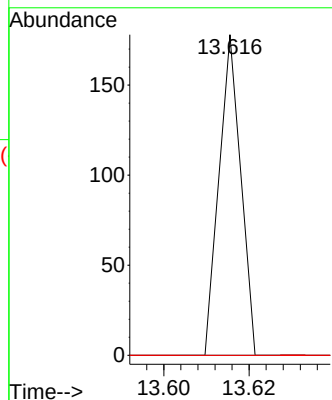
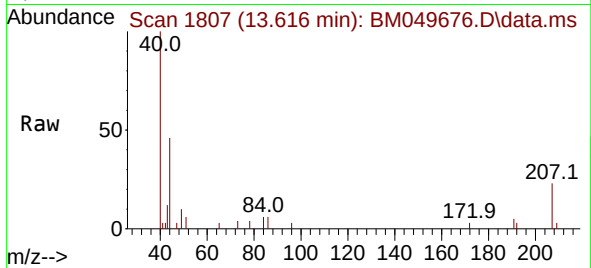




#48
2-Nitroaniline
Concen: 4.133 ng
RT: 13.616 min Scan# 11
Delta R.T. 0.082 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

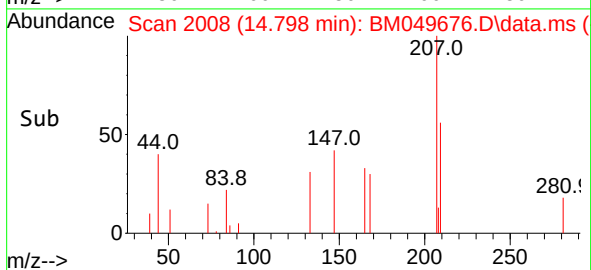
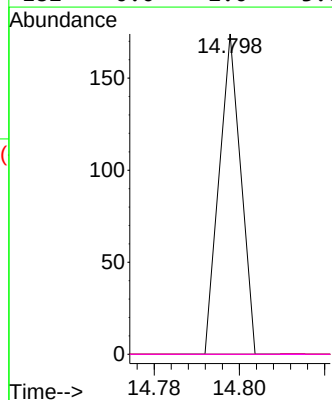
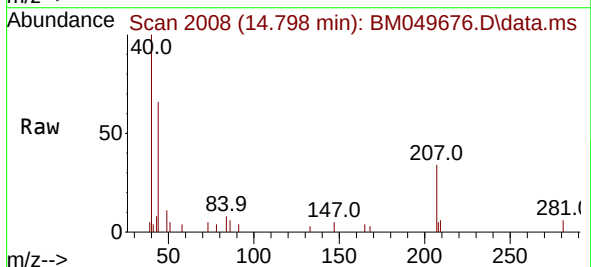
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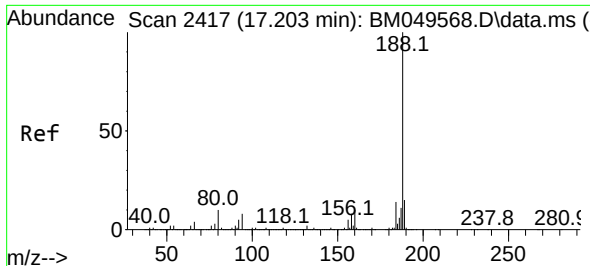
Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 52.0 78.0#
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.568 ng
RT: 14.798 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

Tgt Ion: 165 Resp: 61
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 63.5 95.3#
182 0.0 2.0 3.0#

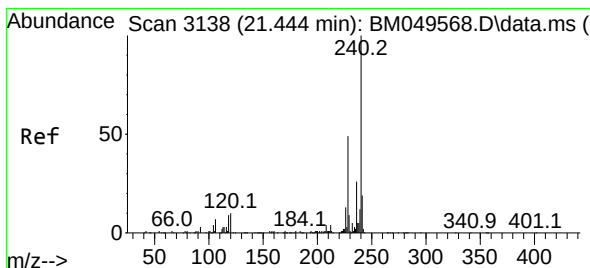
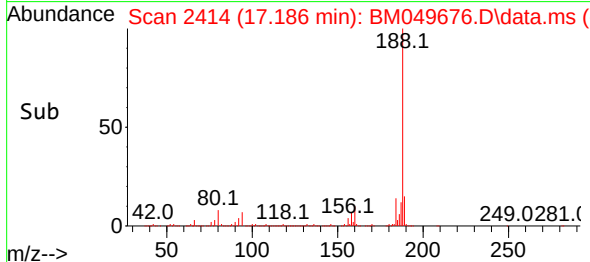
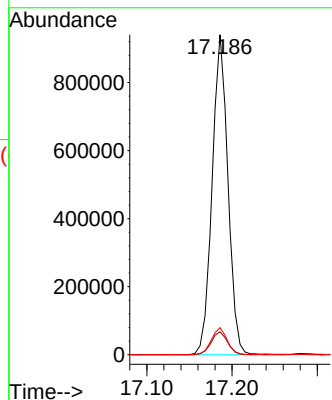
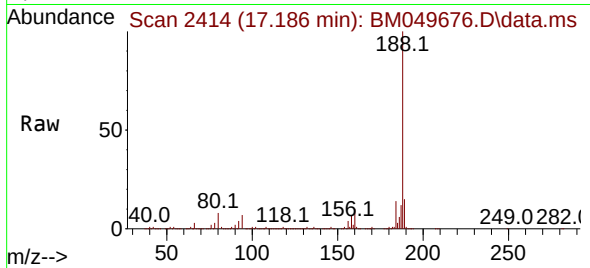




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

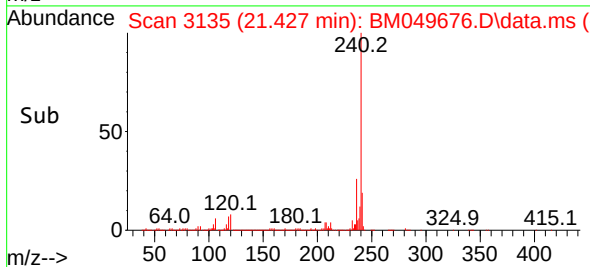
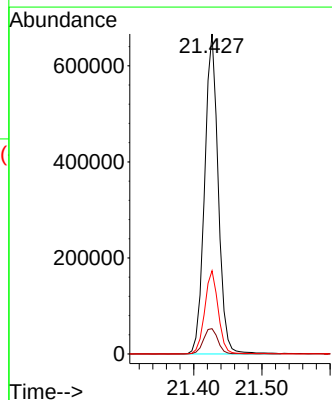
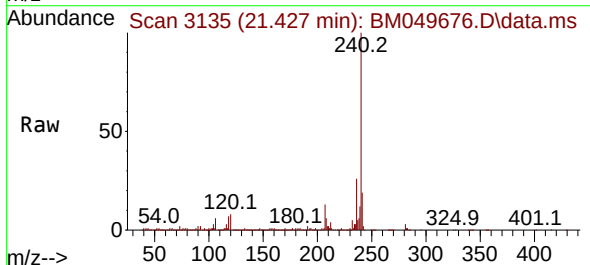
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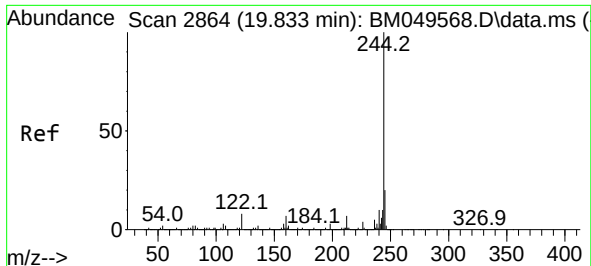
Tgt Ion:188 Resp: 1208848
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BM049676.D
Acq: 28 Feb 2025 13:15

Tgt Ion:240 Resp: 924150
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.8
236 26.0 20.6 31.0

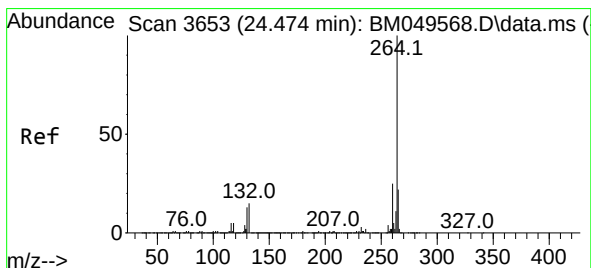
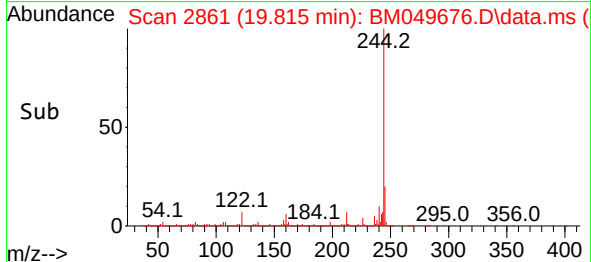
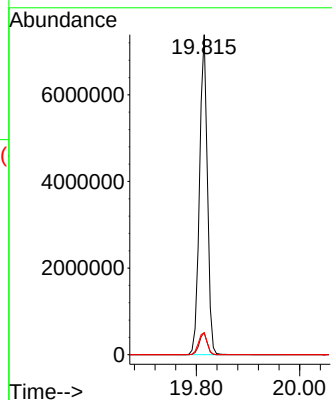
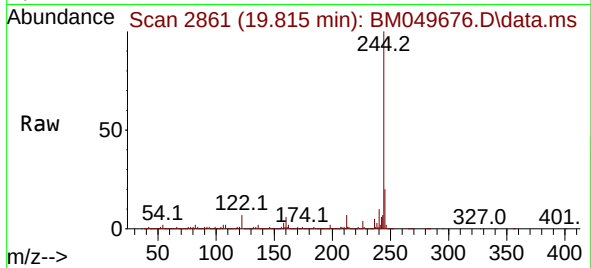




#79
 Terphenyl-d14
 Concen: 128.445 ng
 RT: 19.815 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049676.D
 Acq: 28 Feb 2025 13:15

Instrument :
 BNA_M
 ClientSampleId :
 PB166930BL

Tgt Ion:244 Resp: 7773370
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 6.9 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.444 min Scan# 3648
 Delta R.T. -0.029 min
 Lab File: BM049676.D
 Acq: 28 Feb 2025 13:15

Tgt Ion:264 Resp: 944069
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 21.6 17.5 26.3

