

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034470.D
 Acq On : 08 Oct 2024 14:21
 Operator : RC/JU
 Sample : P4226-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20240924

Quant Time: Oct 08 14:56:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

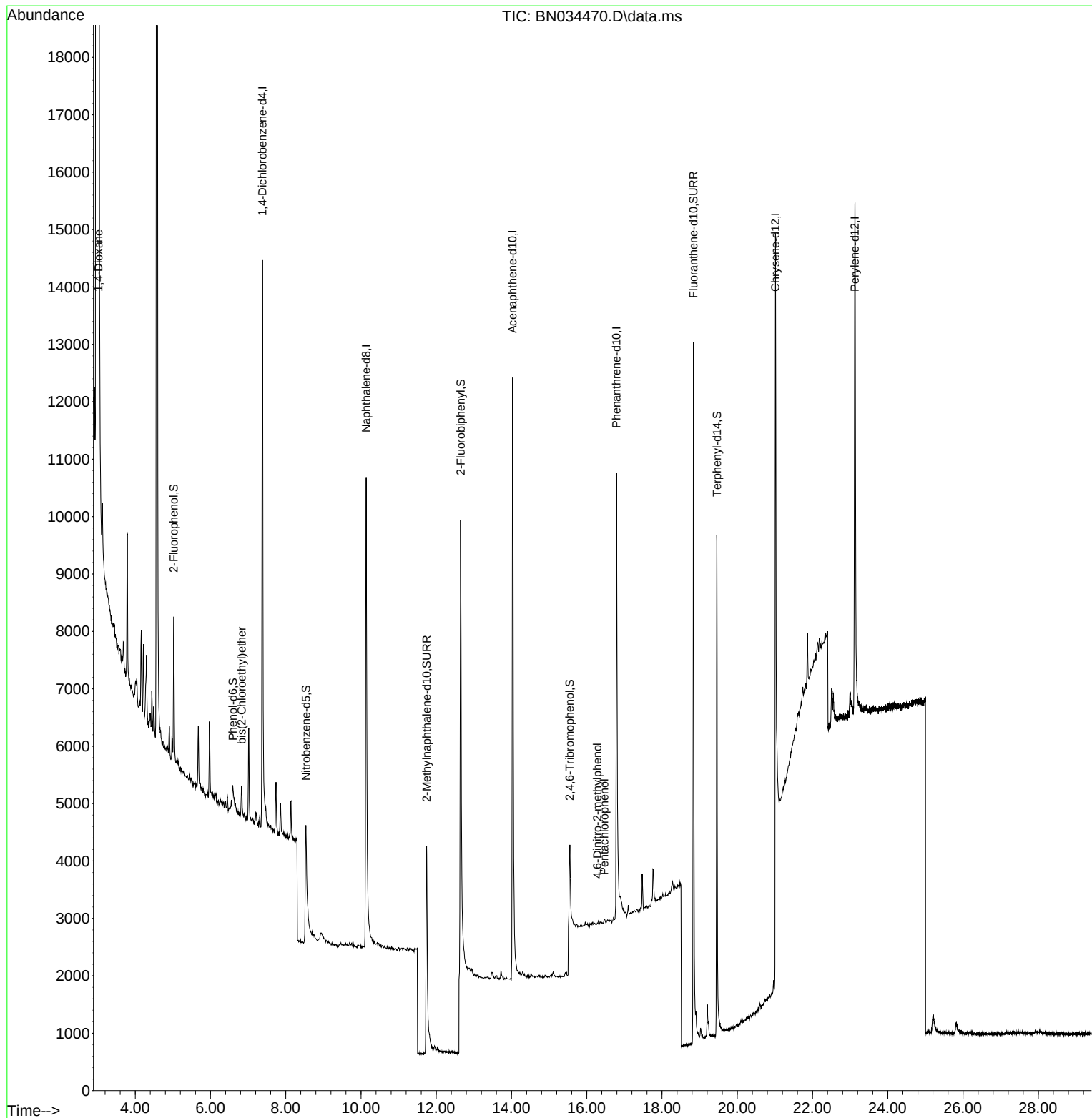
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5295	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	14843	0.400	ng	-0.01
13) Acenaphthene-d10	14.026	164	8348	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	14510	0.400	ng	#-0.01
29) Chrysene-d12	21.015	240	11622	0.400	ng	0.00
35) Perylene-d12	23.125	264	12734	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	2066	0.137	ng	0.00
5) Phenol-d6	6.593	99	878	0.050	ng	0.00
8) Nitrobenzene-d5	8.536	82	3176	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	7540	0.344	ng	-0.01
14) 2,4,6-Tribromophenol	15.549	330	1228	0.325	ng	0.00
15) 2-Fluorobiphenyl	12.647	172	10137	0.299	ng	-0.01
27) Fluoranthene-d10	18.836	212	14962	0.409	ng	0.00
31) Terphenyl-d14	19.459	244	10082	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	26629	4.023	ng	98
6) bis(2-Chloroethyl)ether	6.831	93	489	0.032	ng	87
20) 4,6-Dinitro-2-methylph...	16.281	198	8	0.141	ng	# 1
24) Pentachlorophenol	16.468	266	120	0.040	ng	# 69

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

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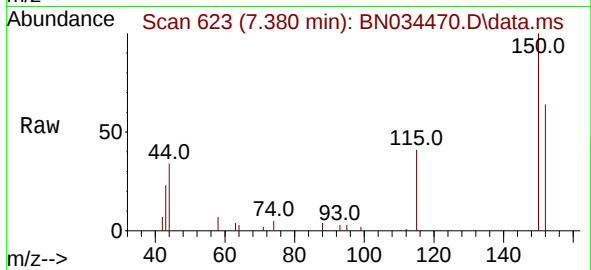
Quant Time: Oct 08 14:56:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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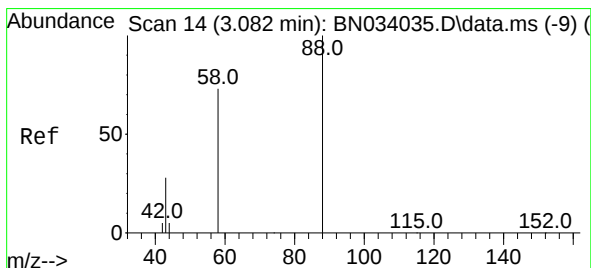
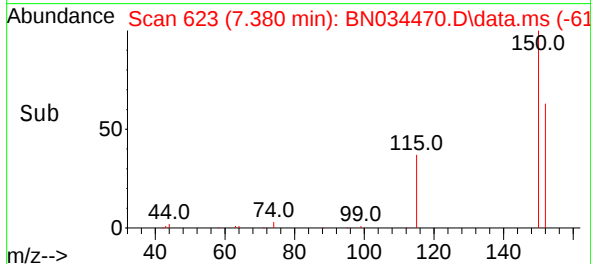
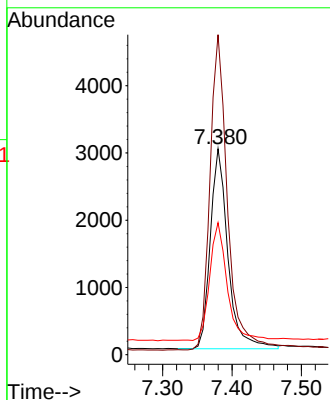


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Instrument :
BNA_N
ClientSampleId :
TT180D2-20240924

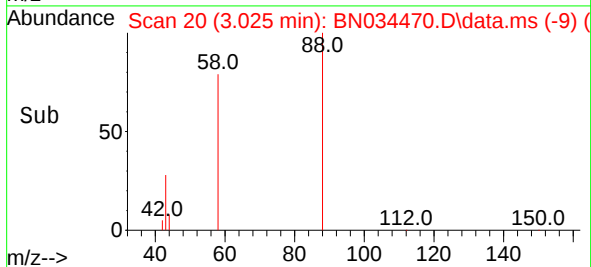
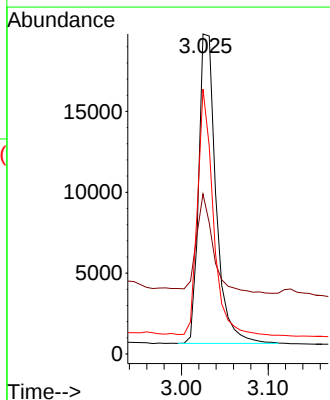
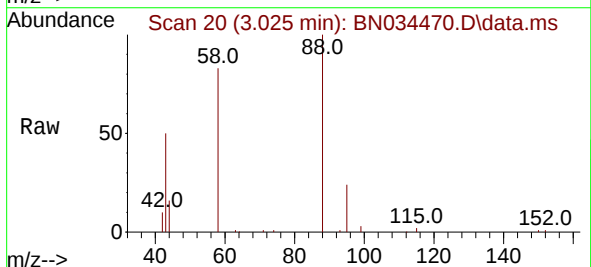


Tgt Ion:152 Resp: 5295
Ion Ratio Lower Upper
152 100
150 155.4 124.6 187.0
115 64.1 50.0 75.0



#2
1,4-Dioxane
Concen: 4.023 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.022 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Tgt Ion: 88 Resp: 26629
Ion Ratio Lower Upper
88 100
43 31.0 25.8 38.8
58 72.1 58.8 88.2

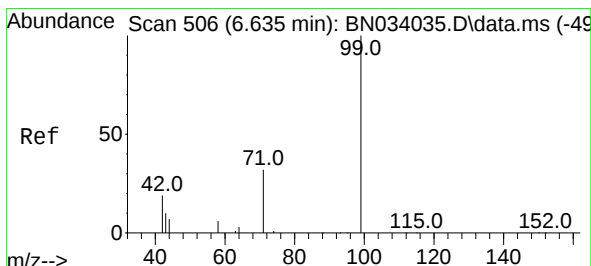
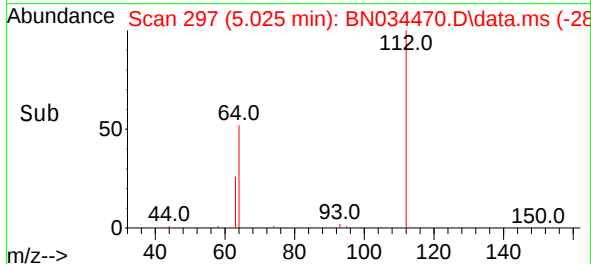
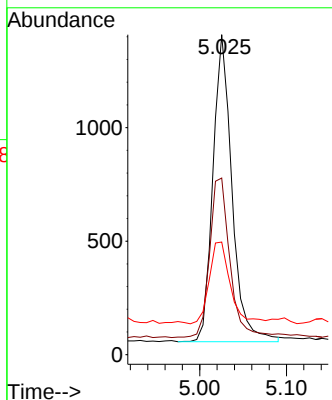
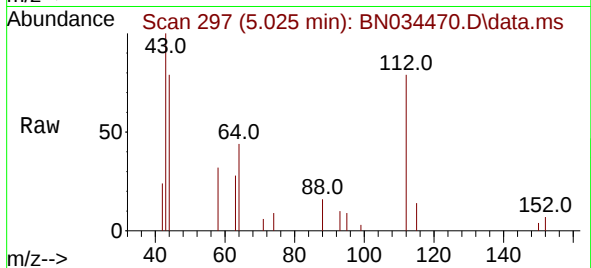




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.025 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

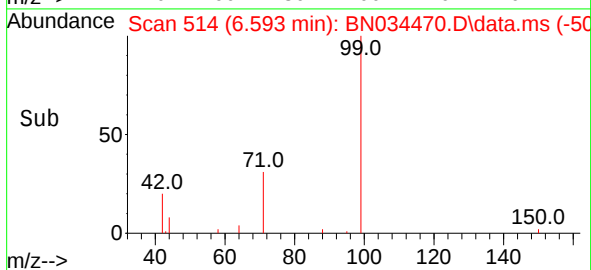
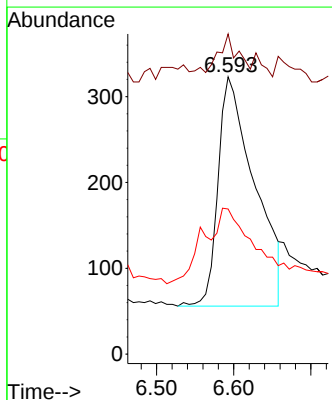
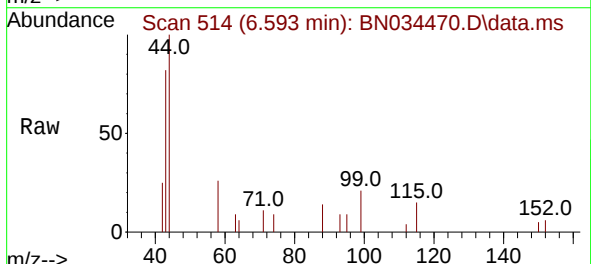
Instrument :
BNA_N
ClientSampleId :
TT180D2-20240924

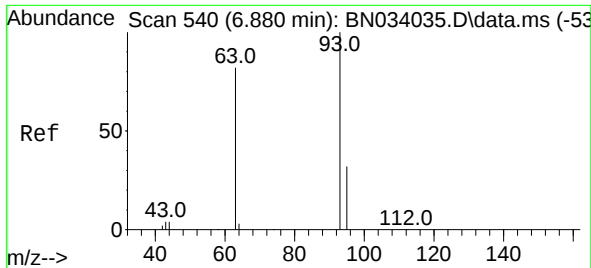
Tgt Ion:112 Resp: 2066
Ion Ratio Lower Upper
112 100
64 55.1 48.6 72.8
63 29.6 25.6 38.4



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Tgt Ion: 99 Resp: 878
Ion Ratio Lower Upper
99 100
42 8.5 17.8 26.8#
71 43.8 26.2 39.2#

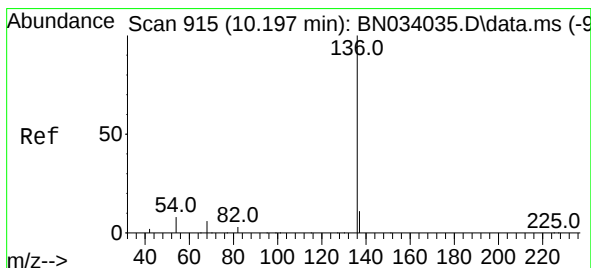
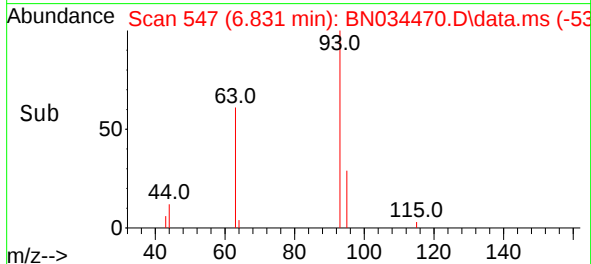
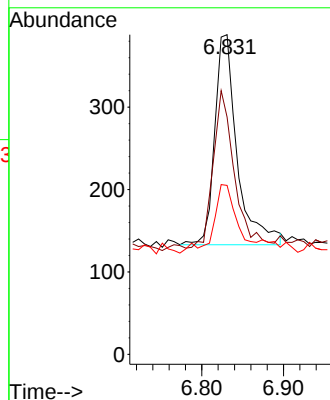
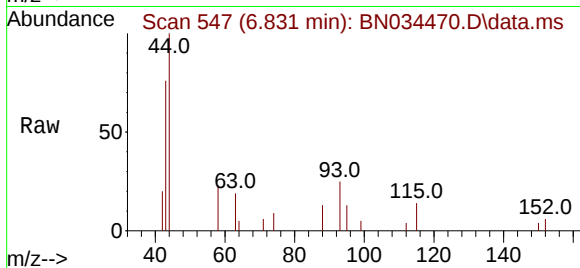




#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 6.831 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

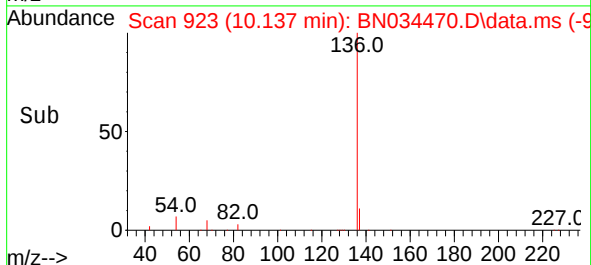
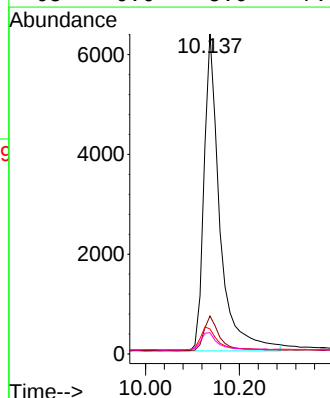
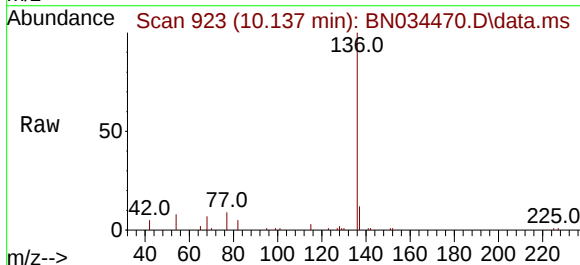
Instrument :
BNA_N
ClientSampleId :
TT180D2-20240924

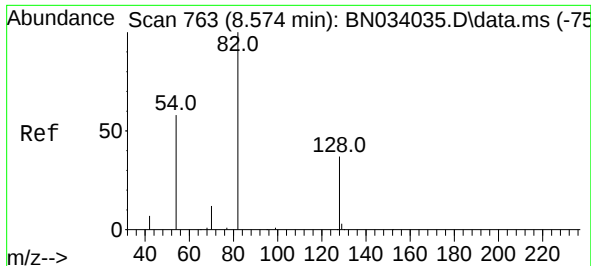
Tgt Ion: 93 Resp: 489
Ion Ratio Lower Upper
93 100
63 71.6 67.3 100.9
95 27.0 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.011 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Tgt Ion: 136 Resp: 14843
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 7.8 6.8 10.2
68 6.6 5.0 7.6

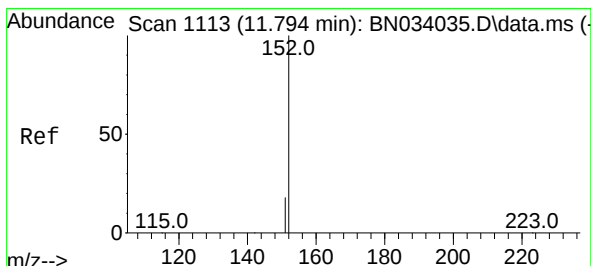
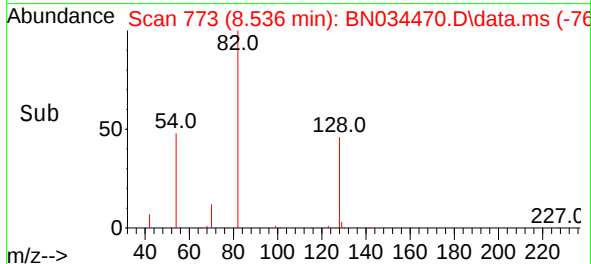
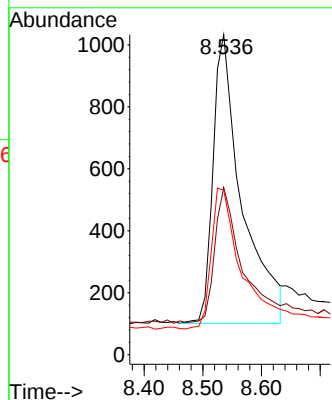
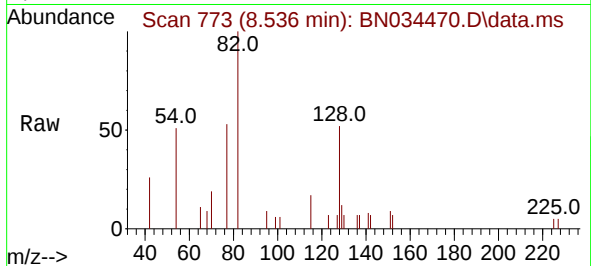




#8
 Nitrobenzene-d5
 Concen: 0.280 ng
 RT: 8.536 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN034470.D
 Acq: 08 Oct 2024 14:21

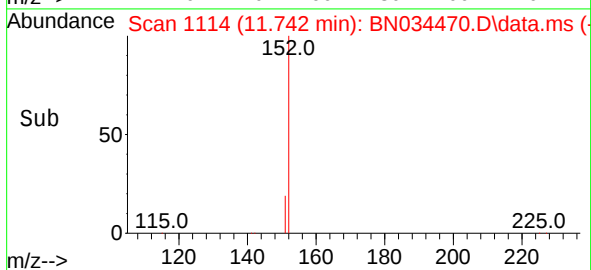
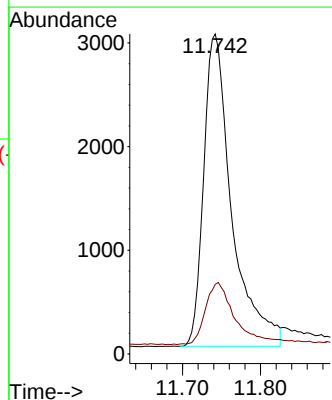
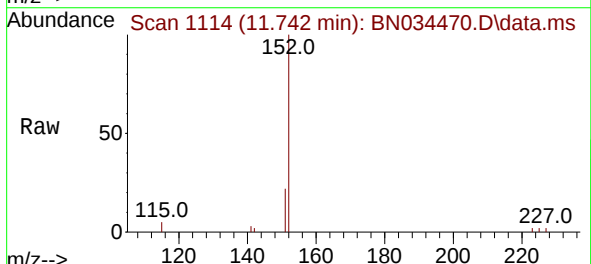
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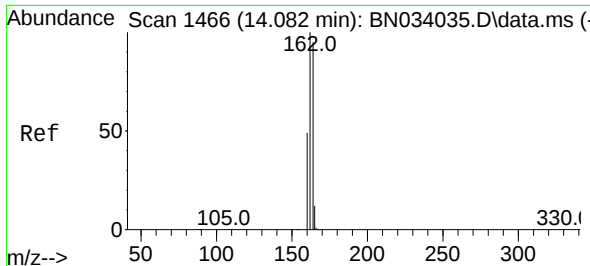
Tgt Ion: 82 Resp: 3176
 Ion Ratio Lower Upper
 82 100
 128 52.3 31.4 47.2#
 54 51.4 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.344 ng
 RT: 11.742 min Scan# 1114
 Delta R.T. -0.011 min
 Lab File: BN034470.D
 Acq: 08 Oct 2024 14:21

Tgt Ion:152 Resp: 7540
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2

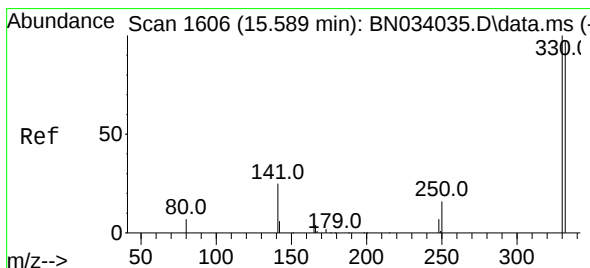
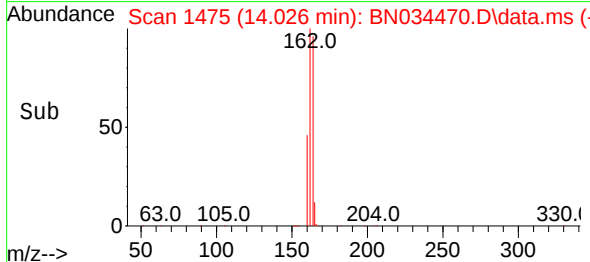
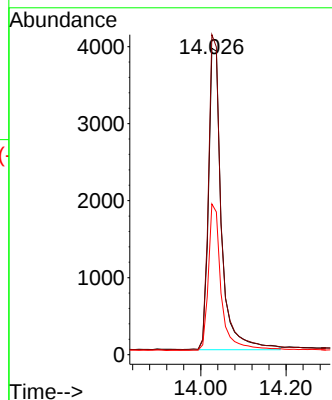
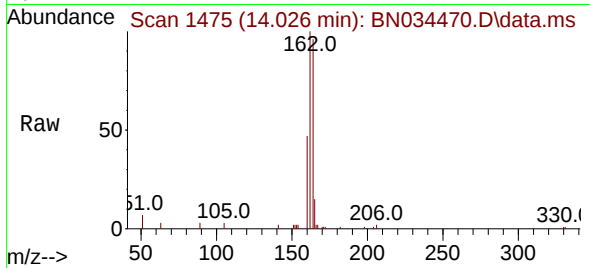




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

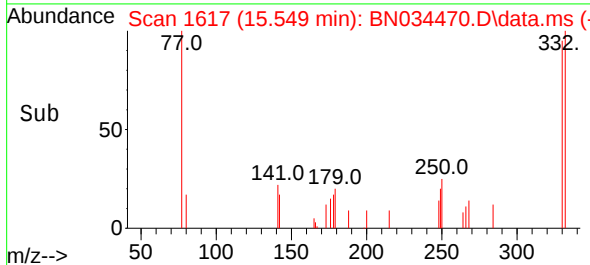
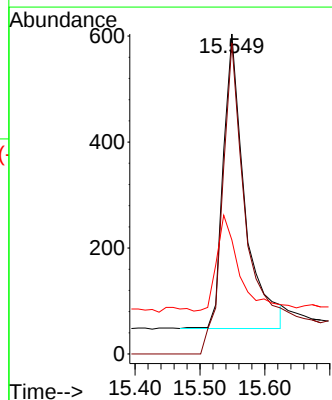
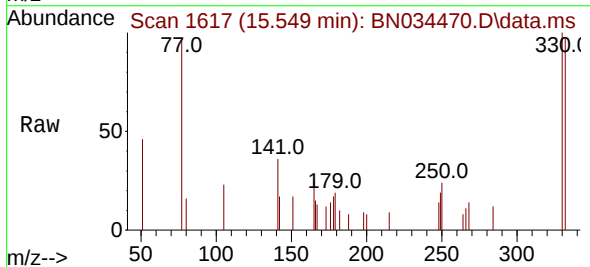
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ClientSampleId :
TT180D2-20240924

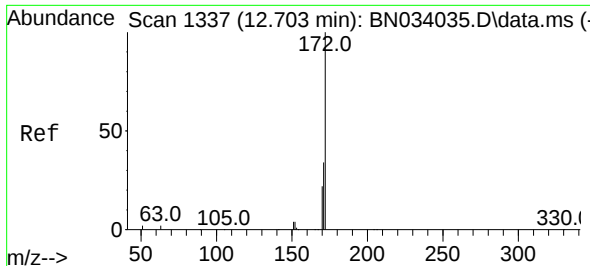
Tgt Ion:164 Resp: 8348
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 49.2 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.549 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Tgt Ion:330 Resp: 1228
Ion Ratio Lower Upper
330 100
332 123.7 77.4 116.0#
141 34.4 35.9 53.9#

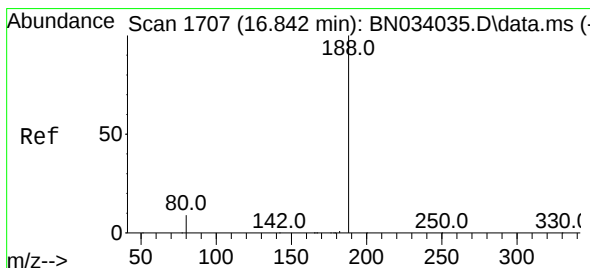
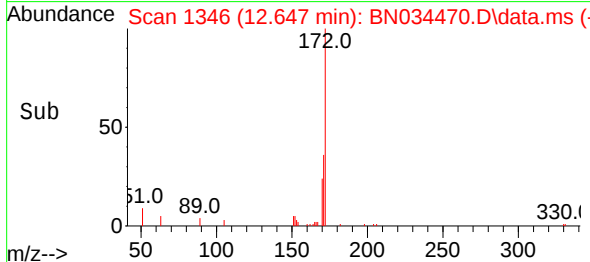
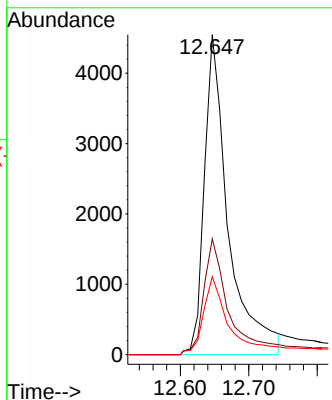
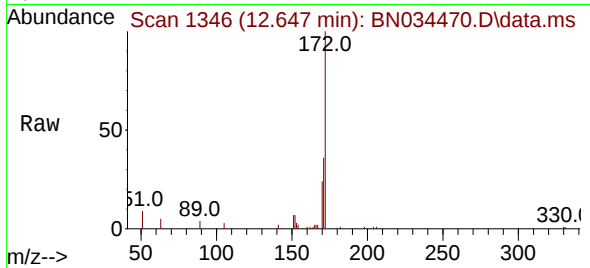




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.647 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

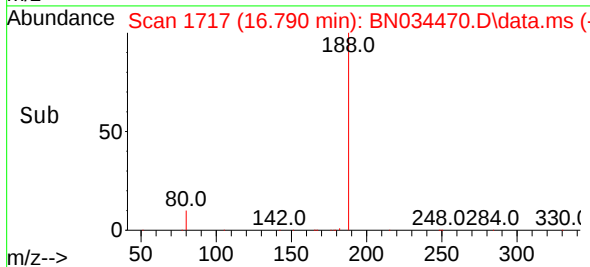
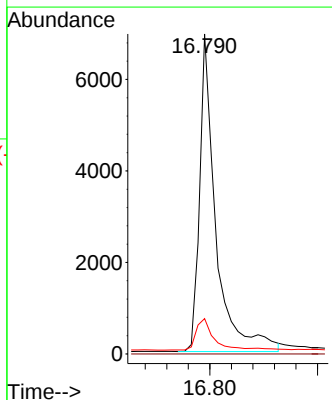
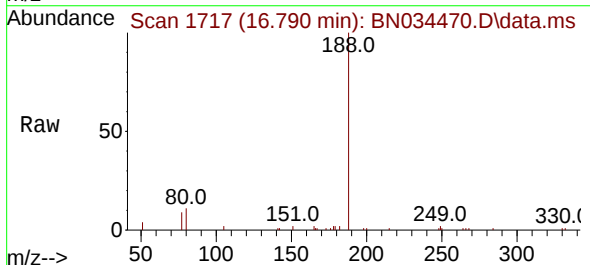
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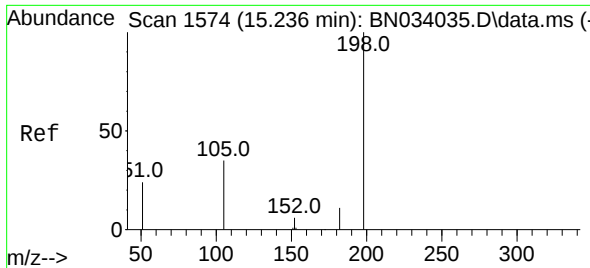
Tgt Ion:172 Resp: 10137
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.3 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Tgt Ion:188 Resp: 14510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.4 11.0#

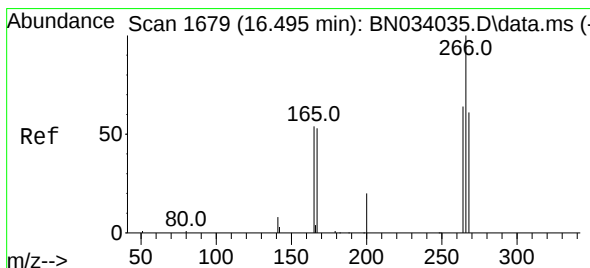
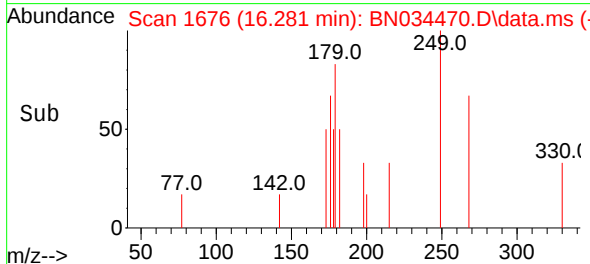
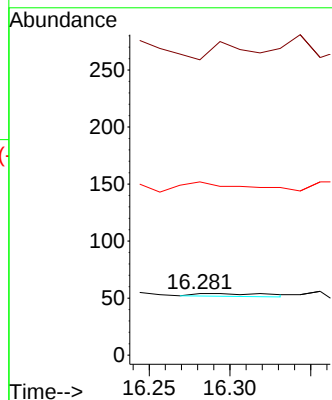
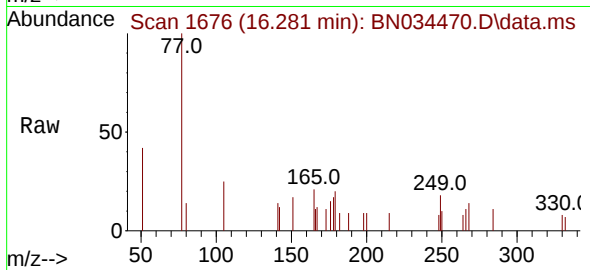




#20
4,6-Dinitro-2-methylphenol
Concen: 0.141 ng
RT: 16.281 min Scan# 1691
Delta R.T. -0.025 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

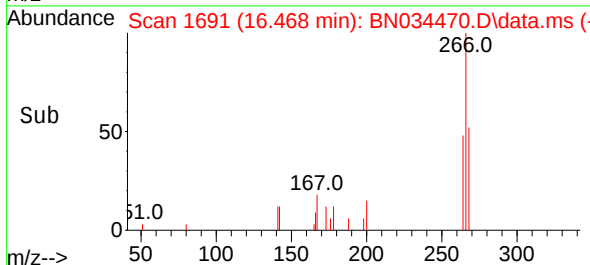
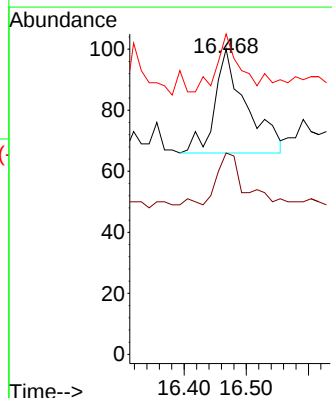
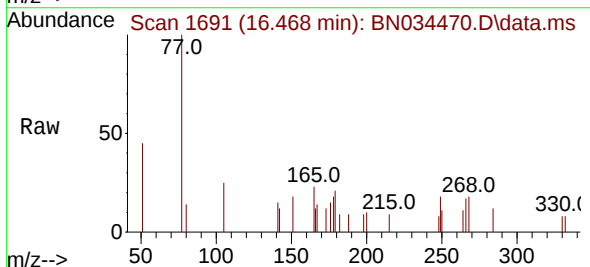
Instrument :
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TT180D2-20240924

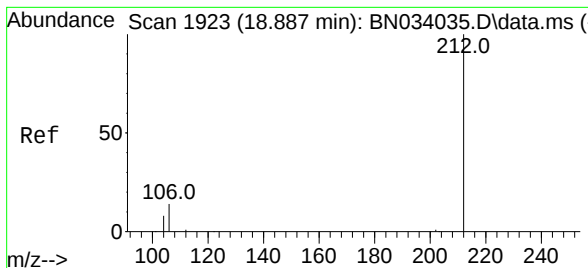
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 479.6 106.4 159.6#
105 281.5 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.040 ng
RT: 16.468 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Tgt Ion:266 Resp: 120
Ion Ratio Lower Upper
266 100
264 40.0 50.2 75.2#
268 38.3 51.0 76.4#





#27

Fluoranthene-d10

Concen: 0.409 ng

RT: 18.836 min Scan# 1925

Delta R.T. -0.009 min

Lab File: BN034470.D

Acq: 08 Oct 2024 14:21

Instrument :

BNA_N

ClientSampleId :

TT180D2-20240924

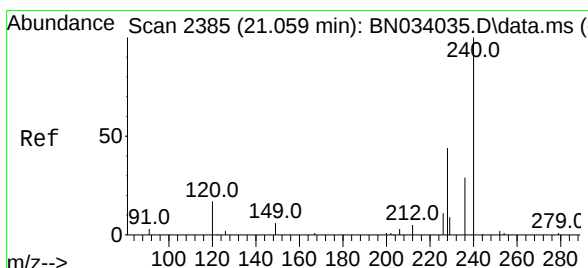
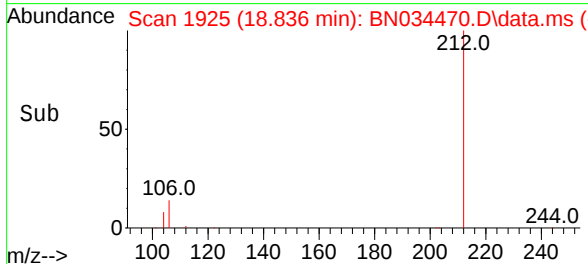
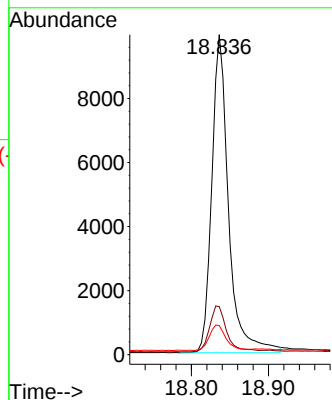
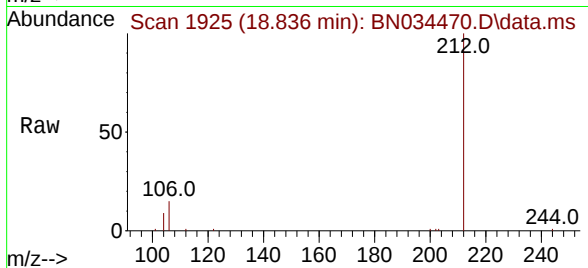
Tgt Ion:212 Resp: 14962

Ion Ratio Lower Upper

212 100

106 14.7 13.4 20.2

104 7.9 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.015 min Scan# 2393

Delta R.T. 0.000 min

Lab File: BN034470.D

Acq: 08 Oct 2024 14:21

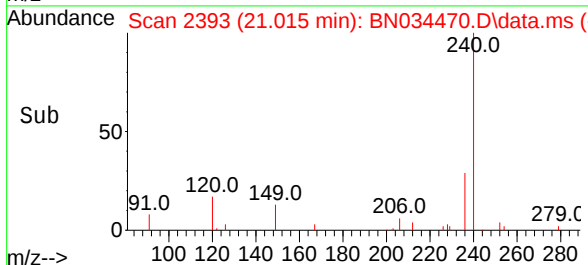
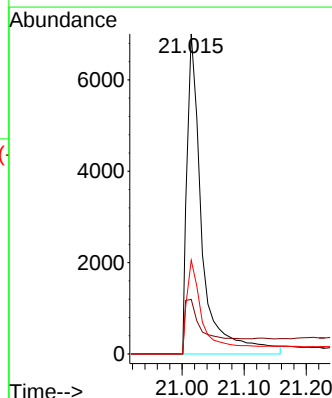
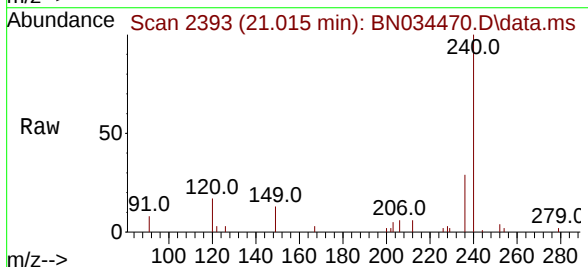
Tgt Ion:240 Resp: 11622

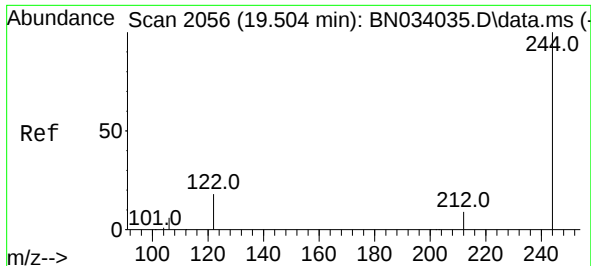
Ion Ratio Lower Upper

240 100

120 17.1 13.5 20.3

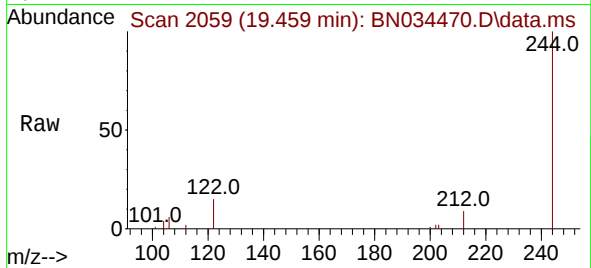
236 29.3 23.4 35.0



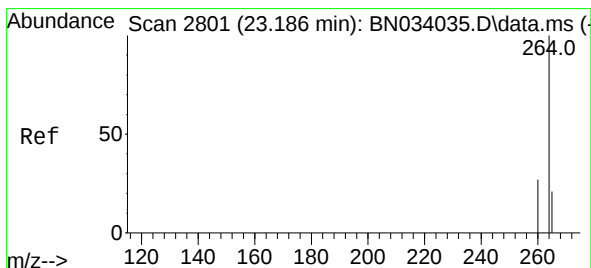
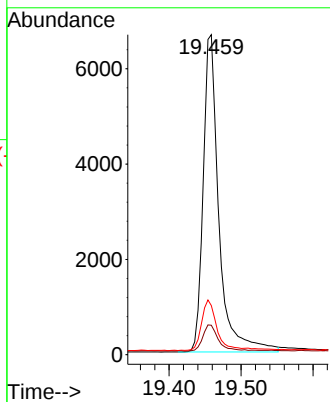
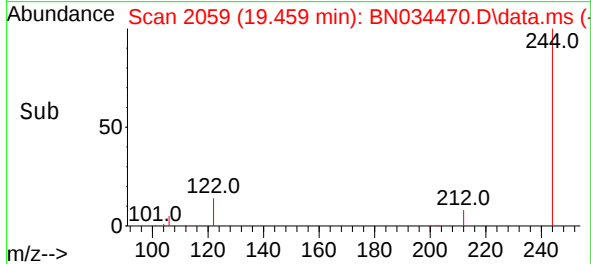


#31
Terphenyl-d14
Concen: 0.434 ng
RT: 19.459 min Scan# 2059
Delta R.T. -0.009 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Instrument :
BNA_N
ClientSampleId :
TT180D2-20240924



Tgt Ion:244 Resp: 10082
Ion Ratio Lower Upper
244 100
212 9.2 7.8 11.6
122 15.4 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.125 min Scan# 2793
Delta R.T. -0.003 min
Lab File: BN034470.D
Acq: 08 Oct 2024 14:21

Tgt Ion:264 Resp: 12734
Ion Ratio Lower Upper
264 100
260 27.2 21.7 32.5
265 84.1 52.1 78.1#

